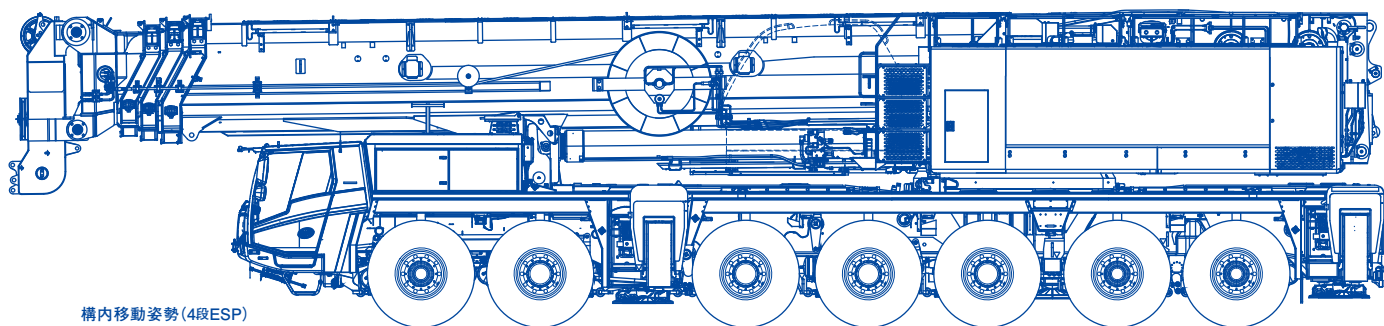
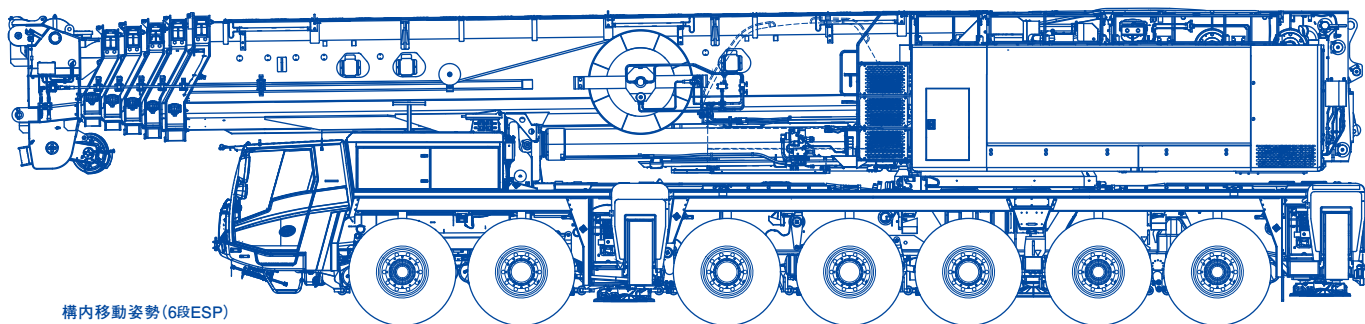


AR-7000N-1

4段ESPブーム・フィックスブーム(FB)
ラフティングジブ(LJ)
6段ESPブーム
フルオートラフティングジブ(FLJ)



構内移動姿勢(4段ESP)

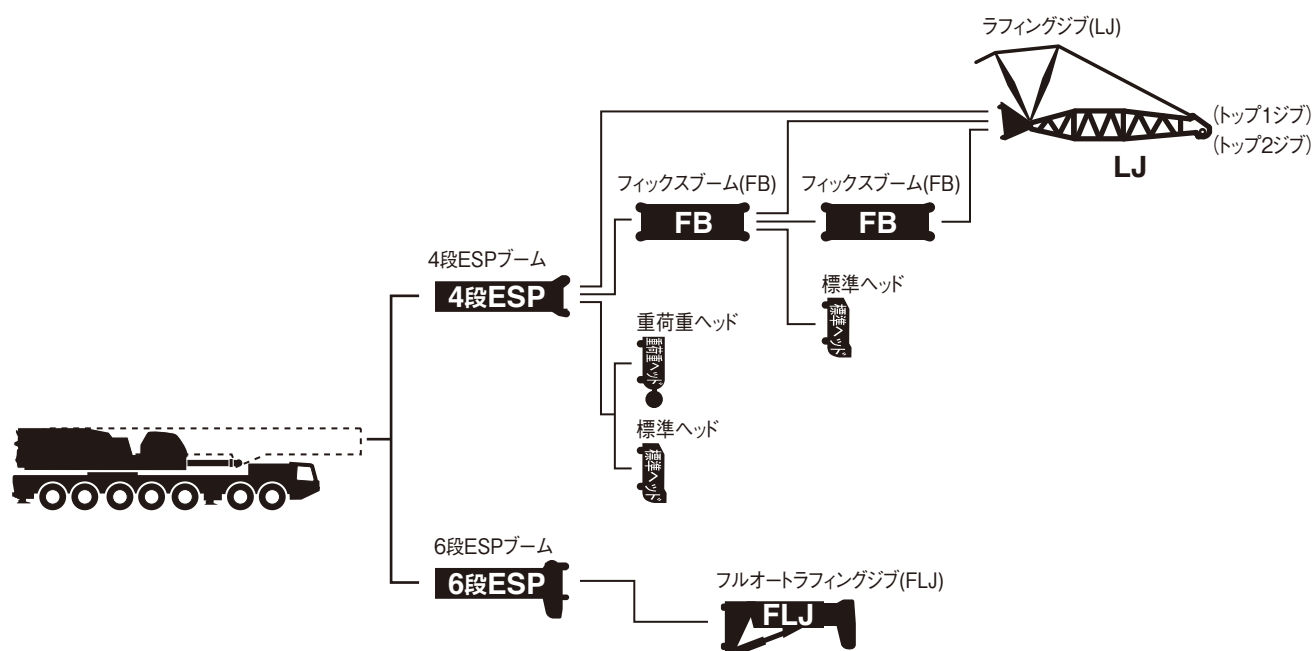


構内移動姿勢(6段ESP)

ALL TERRAIN CRANE

ALL TERRAIN CRANE AR-7000N-1

構成図



- ・ AR-7000Nは4段ESPブーム、6段ESPブームの2種類のブームがあります。
- ・ フィックスブーム(FB)、ラフィングジブ(LJ)は4段ESPブームに取り付けます。
- ・ 4段フルオートラフィングジブ(FLJ)は6段ESPブームに取り付けます。
- ・ 組合せはINDEX、定格総荷重表を参照してください。

INDEX

- 諸 元
- 走 行
- 搬 送
- 設 置
- 作業領域
- 定格総荷重表

・ クレーン、キャリア	P 2
・ 公道走行状態、構内移動姿勢	P 4
・ 最小直角通路幅	P 5
・ 分解搬送部品	P 6
・ アウトリガ張出幅・テールスイング	P 10
・ フック寸法(4段ESP、6段ESP、LJ、FLJ)、カウンタウエイト組合せ	P 11
・ 作業領域図	P 12
・ 4段ESPブーム・フィックスブーム(FB)	P 17
・ ラフィングジブ(LJ)	P 59
・ 6段ESPブーム	P 167
・ フルオートラフィングジブ(FLJ)	P 204

カウンタウエイトとアウトリガ張出幅の組合せによって次のように定格総荷重表を選定し該当ページを読み取ってください。

4段ESPブーム、重荷重ヘッド										
		カウンタウエイト	208 t	195 t	164 t	127 t	94 t	57 t	27 t	0 t
	アウトリガ張出幅									
	9.0 m (CJ+AJ付)	P24	P24-25	P25	P26	P26	—	—	—	
	9.0 m (AJ付)	P27	P27	P28	P28	P29	—	—	P29	
	9.0 m	P30	P30	P31	P31	P32	—	—	P32	

4段ESPブーム、標準ヘッド									
	カウンタウエイト	208 t	195 t	164 t	127 t	94 t	57 t	27 t	0 t
	アウトリガ張出幅								
	9.0 m (AJ付)	P33	P33	P34	P34	P35	P35	P36	P36
	9.0 m	P37	P37	P38	P38	P39	P39	P40	P40
	8.0 m	—	—	—	P41	P41	P42	P42	P43
	7.0 m	—	—	—	—	P43	P44	P44	P45
	5.8 m	—	—	—	—	—	P45	P46	P46
	2.6 m	—	—	—	—	—	—	—	P47

4段ESPブーム+フィックスブーム(FB)、標準ヘッド										
	アウトリガ張出幅	カウンタウエイト	208 t	195 t	164 t	127 t	94 t	57 t	27 t	0 t
	9.0 m (AJ付)		P48	P48	P49	P49	P50	P50	—	P51
	9.0 m		P51	P52	P52	P53	P53	P54	—	P54
	8.0 m		—	—	—	P55	P55	P56	—	—
	7.0 m		—	—	—	—	P56	P57	—	—
	5.8 m		—	—	—	—	—	P57	—	—

4段ESPブーム+ラフィングジブ(LJ)						
	カウンタウエイト	208 t	195 t	164 t	127 t	94 t
	アウトリガ張出幅					
	9.0 m (AJ付)	P69	P73	P78	P82	P86
	9.0 m	P89	P93	P98	P102	P106
	8.0 m	—	—	—	P108	—

4段ESPブーム+フィックスブーム(FB)+ラフィングジブ(LJ)							
	カウンタウエイト		208 t	195 t	164 t	127 t	94 t
	アウトリガ張出幅						
	9.0 m (AJ付)		P111	P115	P119	P122	P126
	9.0 m		P128	P132	P136	P139	P143
	8.0 m		—	—	—	P145	—

4段ESPブーム+フィックスブーム(FB)×2+ラフィングジブ(LJ)						
	カウンタウエイト	208 t	195 t	164 t	127 t	94 t
	アウトリガ張出幅					
	9.0 m (AJ付)	P147	P150	P154	—	—
	9.0 m	P156	P160	P163	—	—

6段ESPブーム									
	カウンタウエイト	208 t	195 t	164 t	127 t	94 t	57 t	27 t	0 t
	アウトリガ張出幅								
	9.0 m (CJ+AJ付)	P172	P173	P174	—	—	—	—	—
	9.0 m (AJ付)	P175	P176	P177	P178	P179	P180	P181	P182
	9.0 m	P183	P184	P185	P186	P187	P188	P189	P190
	8.0 m	—	—	—	P191	P192	P193	P194	P195
	7.0 m	—	—	—	—	P196	P197	P198	P199
	5.8 m	—	—	—	—	—	P200	P201	P202
2.6 m	—	—	—	—	—	—	—	P203	

6段ESPブーム+フルオートラフィングジブ(FLJ)									
	アウトリガ張出幅	カウンタウエイト	208 t	195 t	164 t	127 t	94 t	57 t	27 t
		9.0 m (AJ付)	—	—	P208	P209	P211	P212	P214
	9.0 m	—	—	P215	P216	P218	P219	P221	
	8.0 m	—	—	—	P222	P223	P225	—	
	7.0 m	—	—	—	—	P226	P228	—	

注) 一印の組合せでは、クレーン作業を行わないでください。
センタージャッキ(CJ)、アシストジャッキ(AJ)不使用時には性能が変わります。

4段ESP

4段ESP
+FB

4段ESP
+LJ

4段ESP
+FB+LJ

4段ESP
+FB×2+LJ

6段ESP

6段ESP
+FLJ

諸 元

■ クレーン

4段ESPブーム、フィックスブーム(FB)、ラフィングジブ(LJ)		
4段ESPブーム(4段ESP)	15.4m	700,000 kg × 2.7m (36本掛×2)
	20.0m	330,000 kg × 5.0m (16本掛×2)
	24.6m	330,000 kg × 5.0m (16本掛×2)
	29.2m	268,000 kg × 7.0m (12本掛×2)
	33.8m	268,000 kg × 6.0m (12本掛×2)
	38.4m	200,000 kg × 9.0m (10本掛×2)
	43.0m	157,000 kg × 12.0m (14本掛)
	シングルトップ	12,500 kg (1本掛)
4段ESPブーム + フィックスブーム(FB)	37.1m	170,000 kg × 12.0m (16本掛)
ラフィングジブ(LJ)	18m LJ	140,000 kg × 14.0m (12本掛)
	27m LJ	118,500 kg × 14.0m (10本掛)
	36m LJ	84,800 kg × 16.0m (8本掛)
	45m LJ	59,200 kg × 22.0m (6本掛)
	54m LJ	43,300 kg × 30.0m (4本掛)
	63m LJ	25,000 kg × 50.0m (2本掛)
	72m LJ	24,000 kg × 34.0m (2本掛)
	81m LJ	17,600 kg × 55.0m (2本掛)
最大地上揚程	4段ESP	42.7m (157 t)
	4段ESP+FB	55.1m (120.8 t)
	LJ	140.5m (5.7 t)
最大作業半径	4段ESP	40.0m (29.8 t)
	4段ESP+FB	52.0m (16.1 t)
	LJ	110.0m (3.7 t)
ブーム・ジブ長さ	4段ESP	14.9m ~ 42.5m + 0.5mヘッド
	FB	12.5m
	LJ	2.5m + 18m、27m、36m、45m、54m、63m、72m、81m、90m
ブーム伸長速度	4段ESP	27.6m/410s
ブーム・ジブ形式	4段ESP	箱型4段油圧伸縮式、各段ピンロック方式 重荷重ヘッド/標準ヘッド付替式
	FB	箱型固定式 1本
	LJ	ラチス型
ブーム伸縮装置	4段ESP	複動油圧シリンダ直押式1本 圧力補償付流量調整弁付
シングルトップ		ピン結合式

6段ESPブーム、フルオートラフィングジブ(FLJ)		
6段ESPブーム(6段ESP)	15.0m	300,000 kg × 7.0m (14本掛×2)
	19.5m	250,000 kg × 8.0m (12本掛×2)
	24.0m	250,000 kg × 8.0m (12本掛×2)
	28.5m	195,000 kg × 10.0m (18本掛)
	33.0m	195,000 kg × 10.0m (18本掛)
	37.6m	170,000 kg × 11.0m (16本掛)
	42.1m	157,000 kg × 12.0m (14本掛)
	46.6m	147,000 kg × 10.0m (13本掛)
	51.1m	119,600 kg × 12.0m (11本掛)
	55.6m	94,200 kg × 14.0m (10本掛)
	60.1m	76,400 kg × 14.0m (7本掛)
	64.0m	66,800 kg × 16.0m (7本掛)
フルオートラフィングジブ(FLJ)	シングルトップ	12,500 kg (1本掛)
	11.1m FLJ	48,600 kg × 16.0m (5本掛)
	19.1m FLJ	27,200 kg × 16.0m (3本掛)
	27.1m FLJ	15,500 kg × 18.0m (2本掛)
	35.1m FLJ	8,600 kg × 24.0m (1本掛)
最大地上揚程	6段ESP	63.3m (66.8 t)
	FLJ	99.9m (6.5 t)
最大作業半径	6段ESP	62.0m (10.3 t)
	FLJ	80.0m (3.3 t)
ブーム・ジブ長さ	6段ESP	15.0m ~ 64.0m
	FLJ	1.7m + 11.1m ~ 35.1m
ブーム伸長速度	6段ESP	49.0m/560s
	6段ESP	箱型6段油圧伸縮式、各段ピンロック方式
ブーム・ジブ形式	FLJ	六角箱型4段油圧伸縮式、 (2段目順次、3段・4段目同時) オフセット0° ~ 40° 油圧無段階傾斜式
ブーム・ジブ伸縮装置	6段ESP	複動油圧シリンダ直押式1本 圧力補償付流量調整弁付
	FLJ	複動油圧シリンダ直押式2本 ワイヤロープ式伸縮装置1基
シングルトップ		先端ブーム取付横折曲格納式

諸 元

フック		350 tフック (36本掛) (アタッチメント付) 150 tフック (14本掛) 80 tフック (7本掛) 25 tフック (3本掛) 12.5 tフック (1本掛)
ワイヤロープ	主 巻	径25mm × 長さ705m、非自転性ワイヤロープ
	補 巻	径25mm × 長さ705m、非自転性ワイヤロープ
巻上装置		油圧可変モータ駆動遊星歯車減速式 自動ブレーキ 高低速切換装置付 シングルウインチ 2基 圧力補償付流量調整弁付
巻上速度	主 巻	155m/min (5層)
	補 巻	155m/min (5層)
ブーム起伏装置		複動油圧シリンダ直押式 3本 圧力補償付流量調整弁付
ブーム上げ速度		−1.0° ~ 82° / 210s
旋回装置		油圧モータ駆動遊星歯車減速式 ローラー式スイングベアリング ディスク式ネガティブブレーキ 高低速切換および微速操作装置付
旋回角度		360°連続
旋回速度		1.0min ⁻¹ / 0.5min ⁻¹ / 0.3min ⁻¹
カウンタウエイト		208t、195t、164t、127t、94t、57t、27t
アウトリガ		全油圧式H型 3段 張出幅:最大9.0m、中間8.0m、7.0m、5.8m 最小2.6m 張出幅検出装置付、スライド・ジャッキ各個操作装置付
センタージャッキ		油圧式 1基
アシストジャッキ		油圧式 4基
上部エンジン	形 式	ベンツ OM936LA 水冷4サイクル直列6気筒直接噴射式 排気ターボ過給 インタークーラ付 ディーゼルエンジン 尿素SCRシステム付
	総排気量	7.7L
	最高出力	260kW { 354PS } / 2,200min ⁻¹ [rpm]
	最大トルク	1,400N・m { 143kgf・m } / 1,200~1,600min ⁻¹ [rpm]
燃料タンク容量		300L
A d B l u eタンク容量		25L
油圧ポンプ		高压可変ピストンポンプ 2個 高压ピストンポンプ 1個 高压ギヤポンプ 1個
作動油タンク容量		上部 2,279L、下部 270L
安全装置		過負荷防止装置 (AML) 作業範囲制限機能 フック移動量表示機能 旋回範囲制御機能 旋回自動停止機能 ブーム起伏緩停止機能 個別検出式アウトリガ張出自動検出装置 カウンタウエイト組合せ検出装置 巻過防止装置 捨巻確保装置 玉掛けロープはずれ止め 油圧安全弁 油圧ロック装置 (起伏、伸縮、巻上げ、ジャッキ) 旋回ロック装置 水準器
付 属 装 置		ブーム着脱装置 旋回台着脱装置 カウンタウエイト着脱装置 オイルクーラー AML外部表示灯 旋回音声警報装置 拡声器 リモコンサーチライト 風速計 ドラム視認モニタ キャブチルト式クレーン運転室 ブーム起伏微速モード設定装置 エアコン ラジオ 数鉄板 携帯通信装置 (HELLO-NET Owner's Site)

■ キャリヤ

メーカ名		Tadano Faun GmbH
キャリヤ型式		RTF 700-7
最高速度		62km/h
登坂能力		$\tan \theta = 0.48$
最小回転半径		11.9m
全 長		15,990mm
全 幅		3,000mm
全 高		3,070mm
軸 距		1,650mm+2,850mm+1,700mm+1,650mm +1,800mm+1,650mm
輪 距		2,550mm
車両総重量	全 重 量	47,030kg (人員2名)
	前 軸	1軸 + 2軸 15,610kg
	後 軸	3軸 + 4軸 + 5軸 13,280kg 6軸 + 7軸 18,140kg
乗 車 定 員		2名
エ ン ジ ン	型 式	ベンツ OM471LA 水冷4サイクル直列6気筒直接噴射式 排気ターボ過給 インタークーラ付 ディーゼルエンジン 尿素SCRシステム付
	総排気量	12.8L
	最高出力	390kW {530PS} / 1,700min ⁻¹ [rpm]
	最大トルク	2,460N・m {251kgf・m} / 1,300min ⁻¹ [rpm]
燃 料 タ ン ク 容 量		600L
A d B l u e タ ン ク 容 量		40L
変 速 機 形 式		フルオートマチック 前進12段、後退2段 副変速機付
ク ラ ッ チ 形 式		トルクコンバータ付、自動ロックアップ機構付
駆 動 方 式		14×4 14×6、14×8……(デフロック機構付)
車 軸 形 式		7軸全浮動式
懸 架 方 式		全輪ハイドロニューマチック、レベリング装置付 サスペンションストローク +149mm、−113mm
ス テ ア リ ン グ		左ハンドル 非常用ステアリングポンプ付2系統式 パワーステアリング 10輪ステアリング
ブ レ ー キ	主 ブレーキ	空気式全輪ドラムブレーキ 2系統式
	駐車ブレーキ 非常ブレーキ	4・5・6・7軸 制動スプリング式
	補助ブレーキ	変速機内蔵流体式リターダ 排気ブレーキ 電磁式リターダ
タ イ ヤ		445 / 95R25 (14輪)
バ ッ テ リ		12V-170 Ah×2個 (24 V)
付 属 装 置		集中給脂装置 バックモニタ エアコン ラジオ 仮眠用ベッド 携帯通信装置 (HELLO-NET Owner's Site)

走行

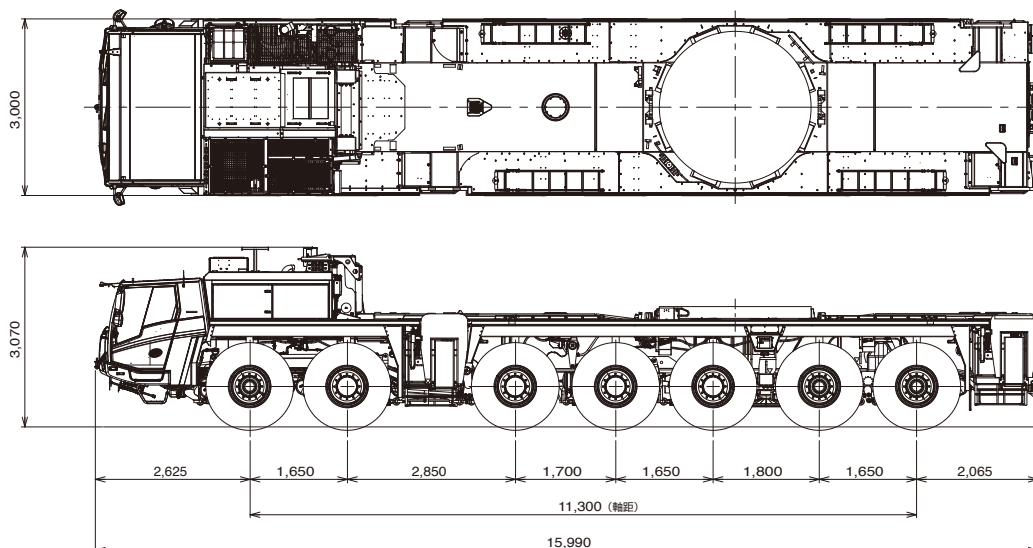
■ 公道走行状態

単位(mm)

● キャリヤ 47.03 t

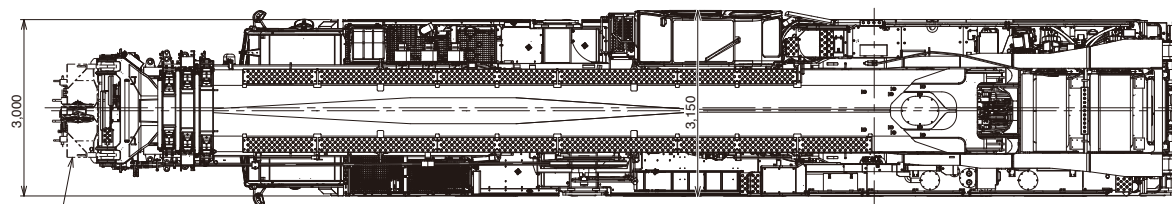
(公道走行時の注意事項)

1. ブーム・起伏装置・旋回体・カウンタウエイト装置およびアウトリガ装置を別送し、クレーン台車のみで走行しなければなりません。
2. 道路運送車両の保安基準による保安基準緩和の認定が必要です。
3. 道路法による特殊車両の通行許可が必要です。基本通行条件 重量：C が記載された適合証明書を取得していますが、実際の通行経路で申請して許可された条件にしたがって走行しなければなりません。

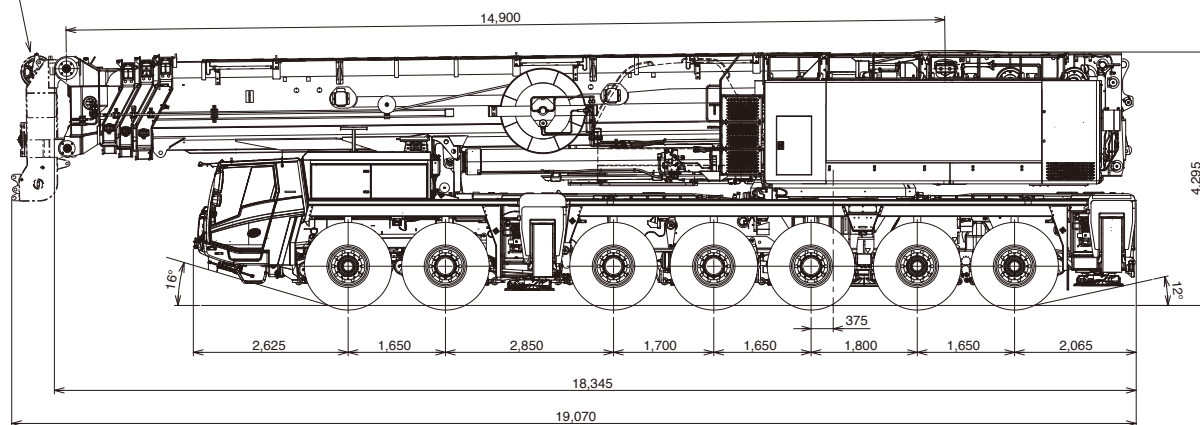


■ 構内移動姿勢（4段ESP）

単位(mm)



---- 部は、標準ヘッド装着時を示す。

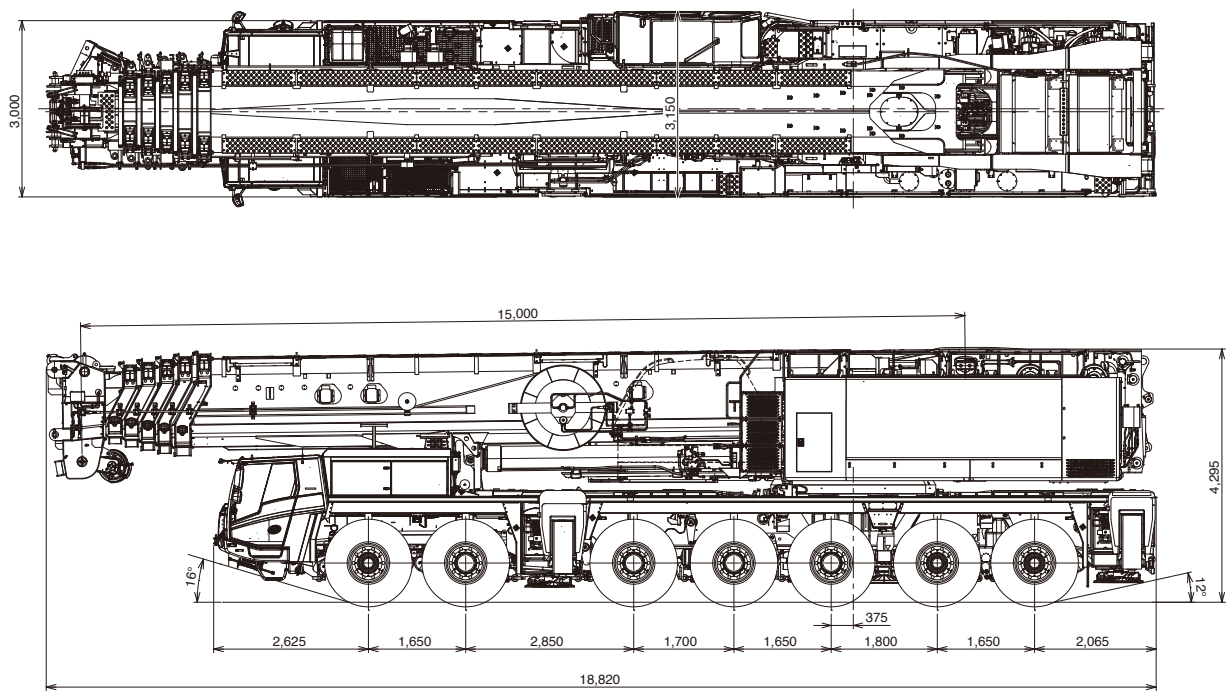


最低地上高：256mm

走行

■ 構内移動姿勢（6段ESP）

単位(mm)

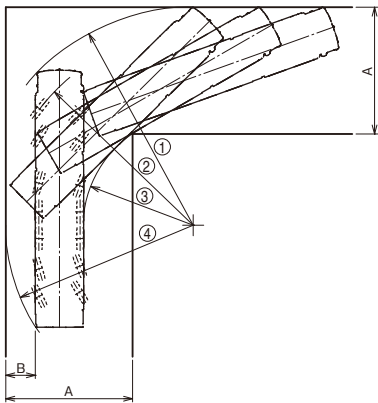


最低地上高：256mm

■ 最小直角通路幅

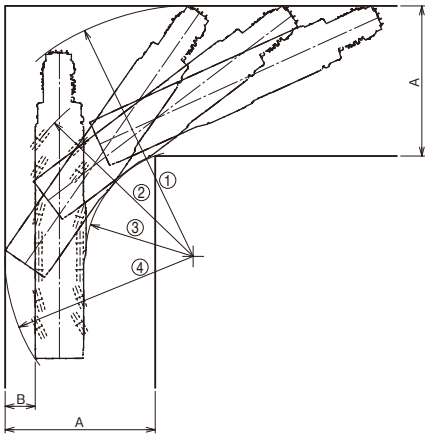
単位(mm)

● 公道走行状態



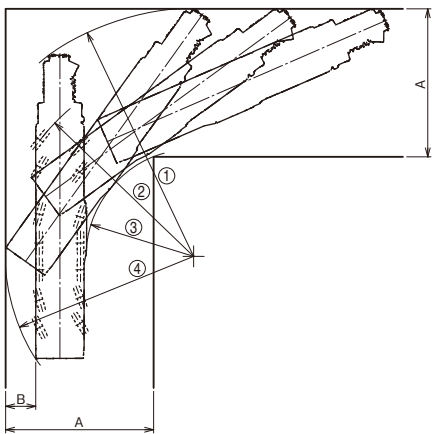
①	13,480
②	11,900
③	6,770
④	11,585
A	7,840
B	1,825

● 構内移動姿勢(4段ESP付 標準ヘッド)



	4段ESP付(標準ヘッド)	4段ESP付(ヘッド無)
①	15,485	15,105
②	11,900	11,900
③	6,630	6,630
④	11,625	11,625
A	9,280	9,010
B	1,860	1,860

● 構内移動姿勢(6段ESP付)



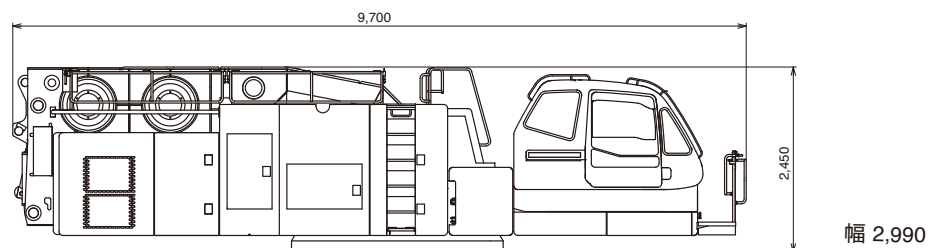
	6段ESP付
①	15,305
②	11,900
③	6,630
④	11,625
A	9,150
B	1,860

搬 送

■ 分解搬送部品

単位(mm)

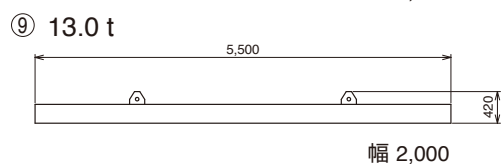
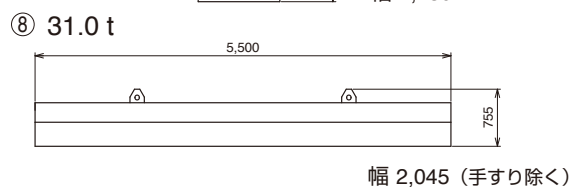
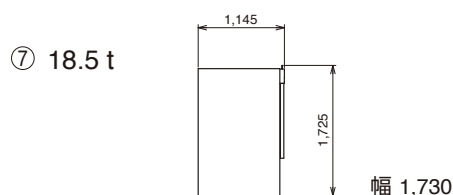
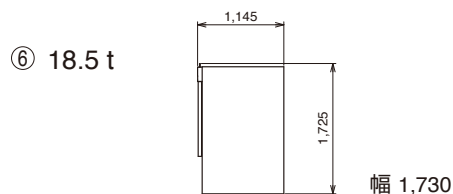
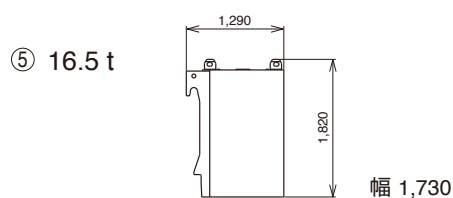
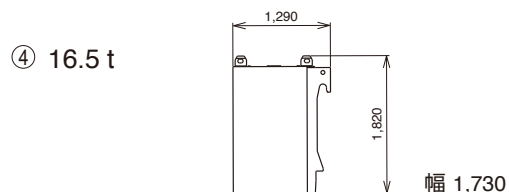
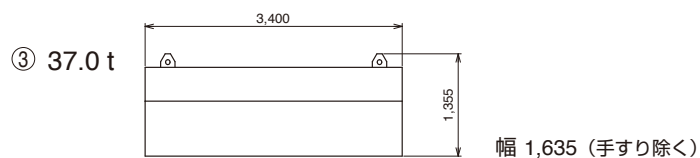
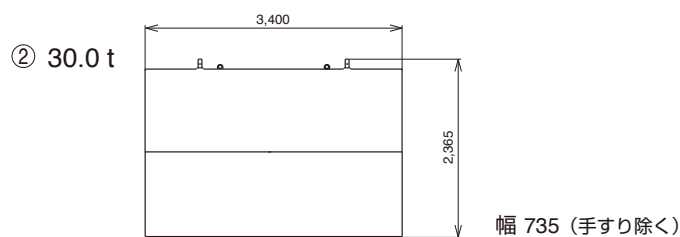
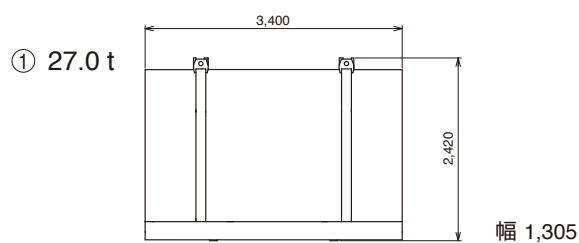
● 旋回台部 35.3 t



● 起伏シリンダ 7.7 t

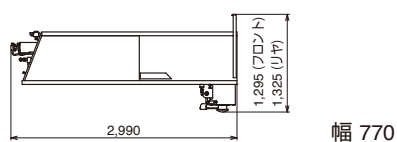


● カウンタウエイト (C/W)



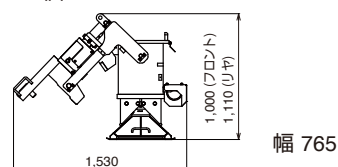
● アウトリガ (O/R)

フロント 3.2 t×2個
リヤ 3.2 t×2個



● アシストジャッキ (AJ)

フロント 0.6 t×2個
リヤ 0.6 t×2個



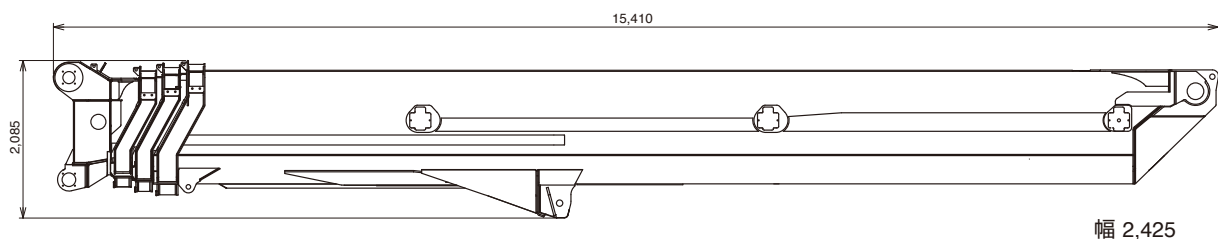
その他に付属品があります。

搬 送

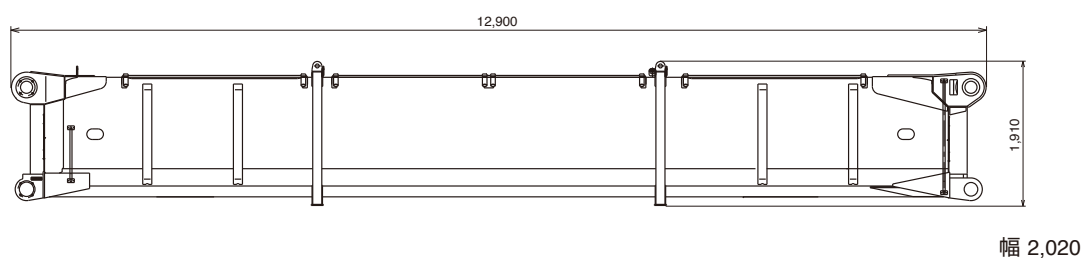
■ 分解搬送部品

単位(mm)

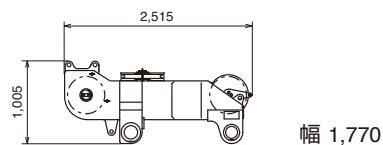
● 4段ESPブーム 44.3 t



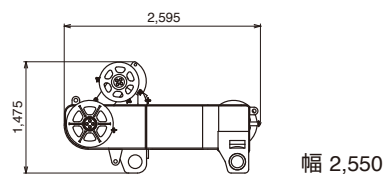
● フィックスブーム (FB) 10.0 t×2個



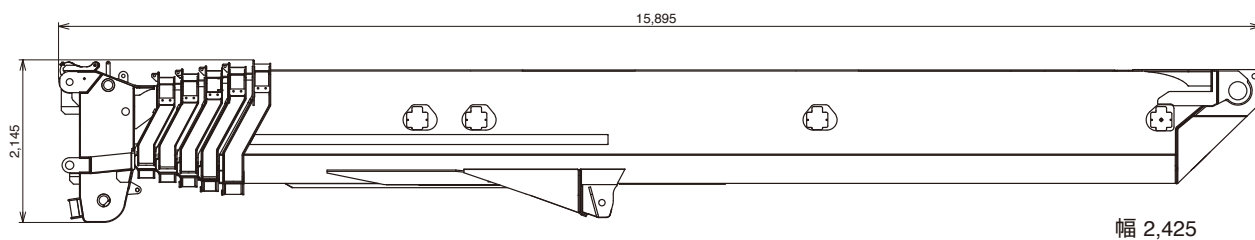
● 標準ヘッド 2.1 t



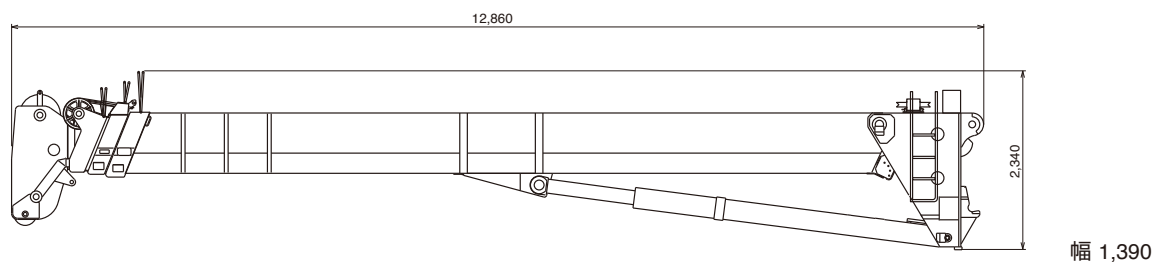
● 重荷重ヘッド 5.5 t



● 6段ESPブーム 46.2 t



● フルオートラフィングジブ (FLJ) 11.0 t



その他に付属品があります。

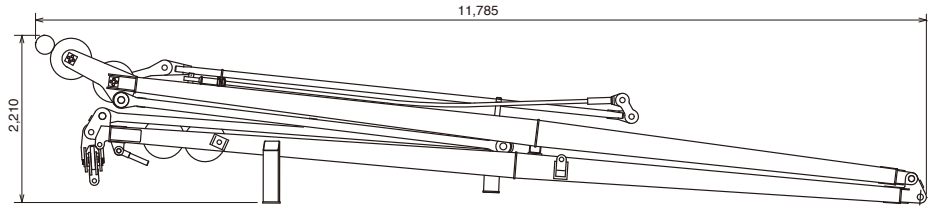
搬 送

■ 分解搬送部品

単位(mm)

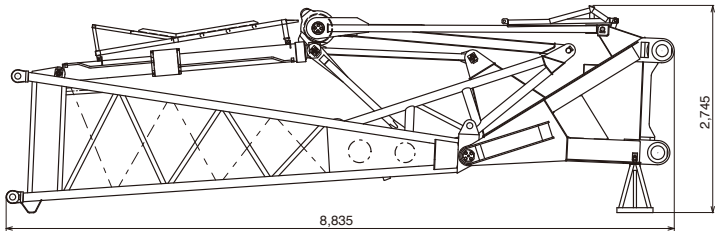
● ラフィングジブ (LJ)

マスト 5.3 t



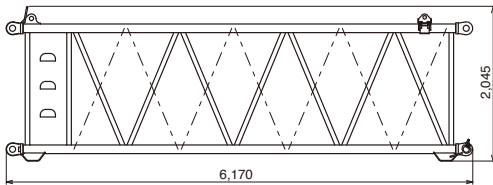
幅 2,125

ベースジブ
+
オーバートップ 7.7 t



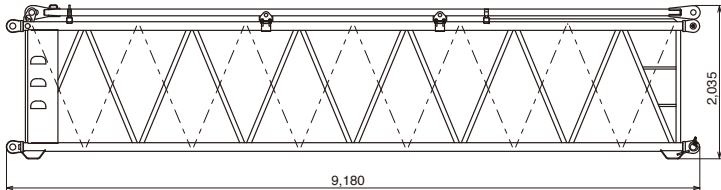
幅 2,260

ミドル1ジブ 1.4 t



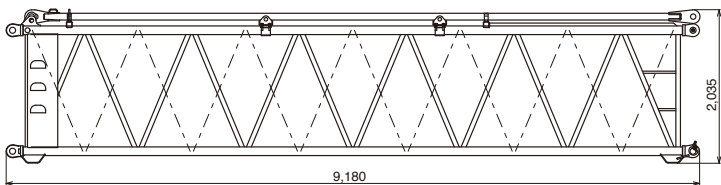
幅 2,160

ミドル2ジブ 2.0 t × 3個



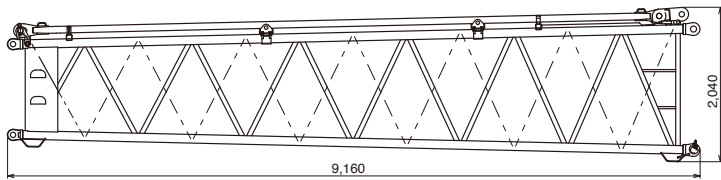
幅 2,160

ミドル2+boss ジブ 2.0 t



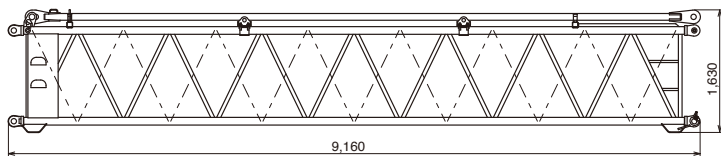
幅 2,160

レデューサジブ 2.1 t



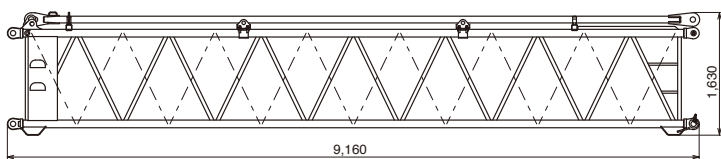
幅 2,160

ミドル3ジブ 1.6 t × 2個



幅 1,760

ミドル3+boss ジブ 1.6 t



幅 1,760

その他に付属品があります。

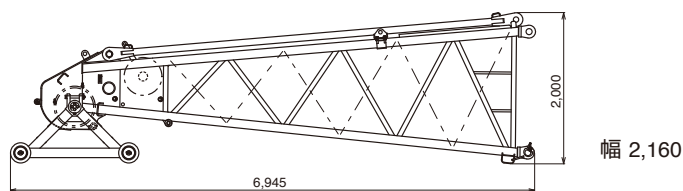
搬 送

■ 分解搬送部品

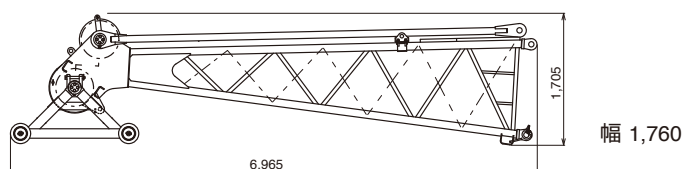
単位(mm)

● ラフィングジブ (LJ)

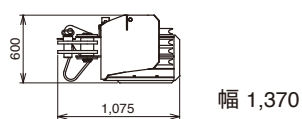
トップ1ジブ 2.6 t



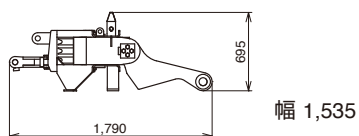
トップ2ジブ 1.9 t



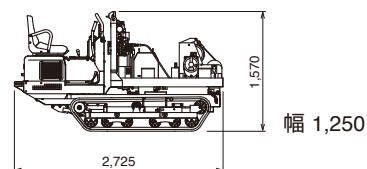
エコライザシーブ 0.6 t



根元シーブ 0.6 t

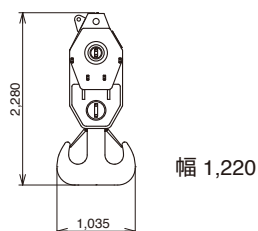


アシストカー 1.5 t

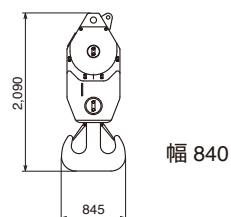


● フック

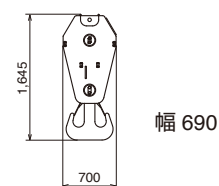
350tフック 3.46 t × 2個



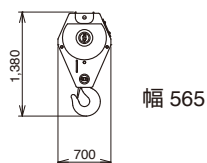
150tフック 2.40 t



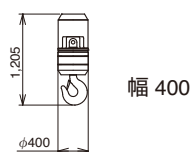
80tフック 1.87 t



25tフック 1.20 t



12.5tフック 0.50 t

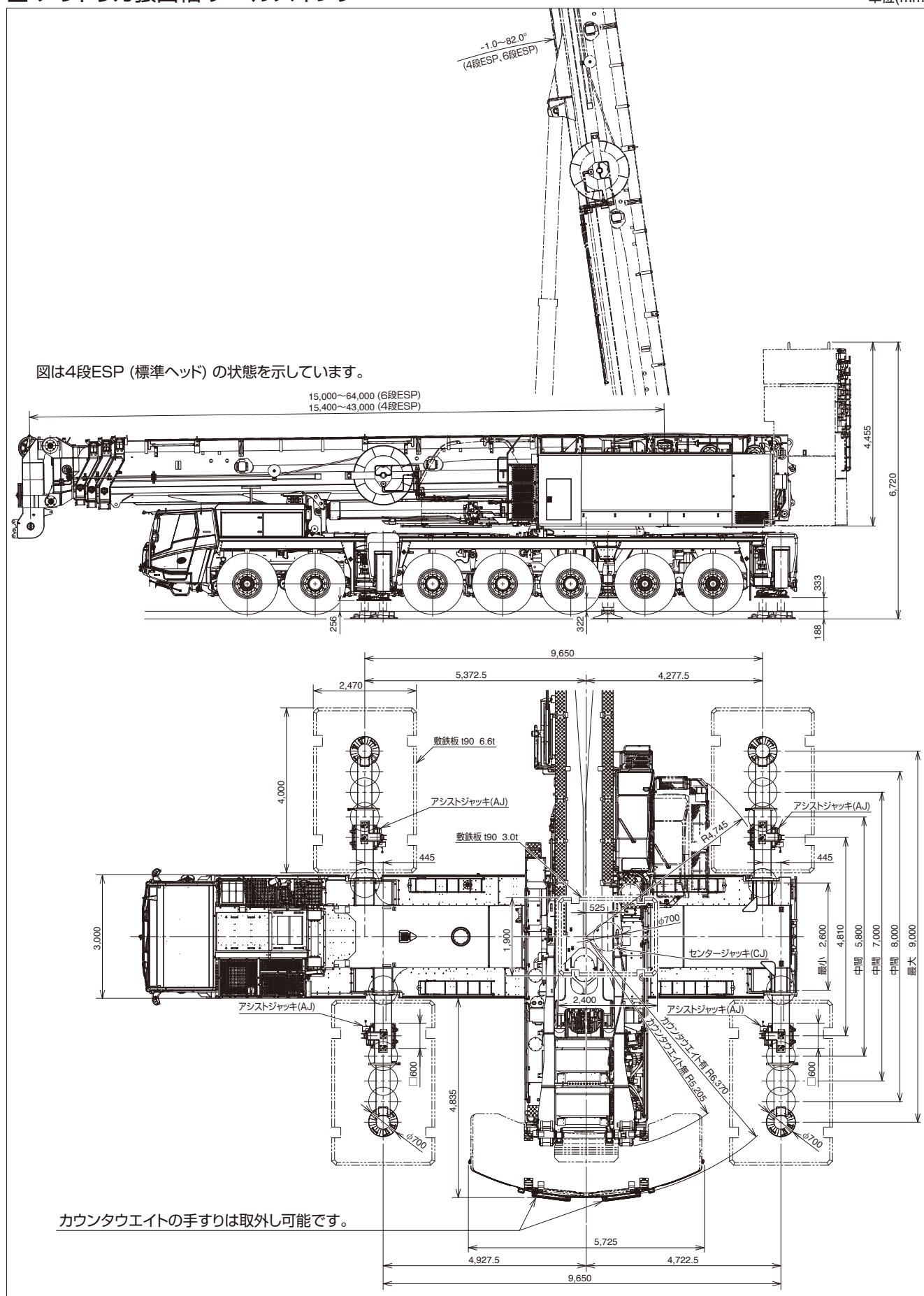


その他に付属品があります。

設 置

■ アウトリガ張出幅・テールスイング

単位(mm)



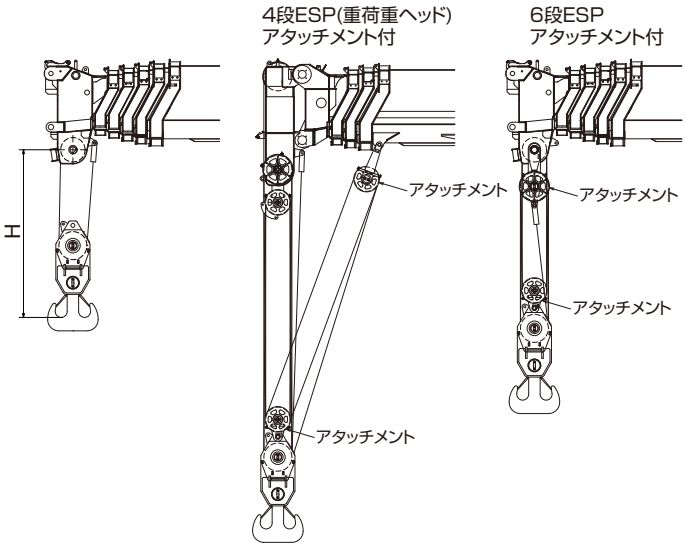
設 置

フック寸法

H：ヘッドシーブ中心とハッカ上面の距離

		350t×2 フック		350tフック		150t フック
		アタッチメント		アタッチメント		
		付	無	付	無	
4段ESP	重荷重ヘッド	7.4m	5.2m		5.2m	
	標準ヘッド				3.2m	
6段ESP				5.2m	3.4m	3.3m

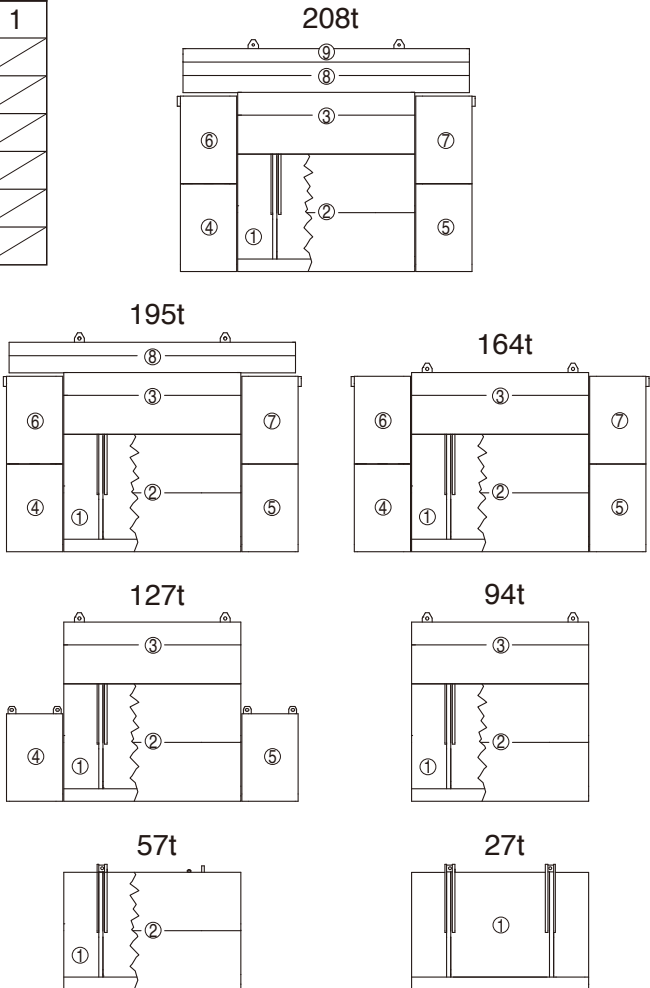
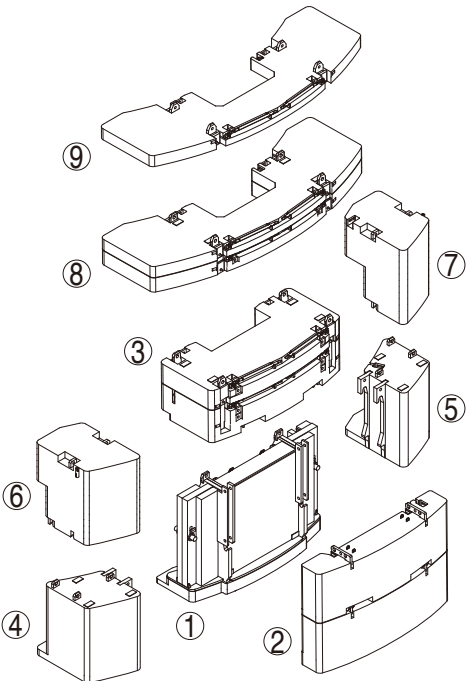
		350t フック	150t フック	80t フック	25t フック	12.5t フック
4段ESP	シングルトップ					3.9m
6段ESP	LJ (トップ1)	4.2m	4.1m	3.9m		
	LJ (トップ2)				3.5m	
	FLJ			3.3m	3.0m	3.8m



カウンタウエイト(C/W)組合せ

● 各ウエイトの使用個数を示す

合 計 重 量	ウエイト ① 27t	ウエイト ② 30t	ウエイト ③ 37t	ウエイト ④ 16.5t	ウエイト ⑤ 16.5t	ウエイト ⑥ 18.5t	ウエイト ⑦ 18.5t	ウエイト ⑧ 31t	ウエイト ⑨ 13t
208t	1	1	1	1	1	1	1	1	1
195t	1	1	1	1	1	1	1	1	
164t	1	1	1	1	1	1	1		
127t	1	1	1	1	1				
94t	1	1	1						
57t	1	1							
27t	1								



作業領域

■ 作業領域図の見方

作業領域図の円の大きさは、アウトリガ張出幅で決まる性能に対応しています。
さらにカウンタウエイトの装着状態に応じて下表のように制限しています。

【 4段ESPブーム作業 】

		適用性能 (4段ESP作業：重荷重ヘッド)						適用性能 (4段ESP作業：標準ヘッド)								適用性能 (4段ESP+FB作業)							
	C/W重量 O/R張出幅	208t	195t	164t	127t	94t	0t	208t	195t	164t	127t	94t	57t	27t	0t	208t	195t	164t	127t	94t	57t	0t	
円1	9.0m	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
円2	8.0m										○	○	○	○	○				○	○	○		
円3	7.0m											○	○	○	○					○	○		
円4	5.8m												○	○	○						○		

		適用性能 (4段ESP+LJ作業)					適用性能 (4段ESP+FB+LJ作業)					適用性能 (4段ESP+FB×2+LJ作業)		
C/W重量 O/R張出幅		208t	195t	164t	127t	94t	208t	195t	164t	127t	94t	208t	195t	164t
円1	9.0m	○	○	○	○	○	○	○	○	○	○	○	○	○
円2	8.0m				○					○				

【 6段ESPブーム作業 】

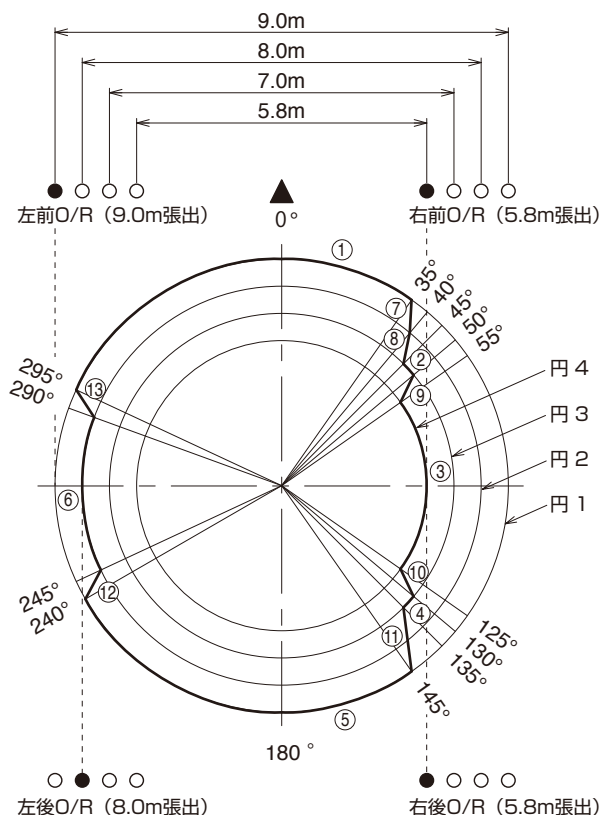
		適用性能 (6段ESP作業)								適用性能 (6段ESP+FLJ作業)				
C/W重量 O/R張出幅		208t	195t	164t	127t	94t	57t	27t	0t	164t	127t	94t	57t	27t
円1	9.0m	○	○	○	○	○	○	○	○	○	○	○	○	○
円2	8.0m				○	○	○	○	○		○	○	○	
円3	7.0m					○	○	○	○			○	○	
円4	5.8m						○	○	○					

4段ESPブーム作業と6段ESPブーム作業、それぞれに対して作業領域図があります。

作業領域

－例－

図のアウトリガ張出幅でブーム作業を行う場合、作業領域別の性能および範囲は、次のようになります。



- ①の領域 (295° ~ 35° 範囲) : 最大張出 (9.0m) 性能
- ②の領域 (45° ~ 50° 範囲) : 中間張出 (7.0m) 性能
- ③の領域 (55° ~ 125° 範囲) : 中間張出 (5.8m) 性能
- ④の領域 (130° ~ 135° 範囲) : 中間張出 (7.0m) 性能
- ⑤の領域 (145° ~ 240° 範囲) : 最大張出 (9.0m) 性能
- ⑥の領域 (245° ~ 290° 範囲) : 中間張出 (8.0m) 性能

⑦の領域 (35° ~ 40° 範囲)

- 右旋回時 : 最大張出 (9.0m) 性能から
中間張出 (8.0m) 性能へ比例して減少する。
- 左旋回時 : 中間張出 (8.0m) 性能から
最大張出 (9.0m) 性能へ比例して増加する。

⑧の領域 (40° ~ 45° 範囲)

- 右旋回時 : 中間張出 (8.0m) 性能から
中間張出 (7.0m) 性能へ比例して減少する。
- 左旋回時 : 中間張出 (7.0m) 性能から
中間張出 (8.0m) 性能へ比例して増加する。

⑨の領域 (50° ~ 55° 範囲)

- 右旋回時 : 中間張出 (7.0m) 性能から
中間張出 (5.8m) 性能へ比例して減少する。
- 左旋回時 : 中間張出 (5.8m) 性能から
中間張出 (7.0m) 性能へ比例して増加する。

⑩の領域 (125° ~ 130° 範囲)

- 右旋回時 : 中間張出 (5.8m) 性能から
中間張出 (7.0m) 性能へ比例して増加する
- 左旋回時 : 中間張出 (7.0m) 性能から
中間張出 (5.8m) 性能へ比例して減少する。

⑪の領域 (135° ~ 145° 範囲)

- 右旋回時 : 中間張出 (7.0m) 性能から
最大張出 (9.0m) 性能へ比例して増加する。
- 左旋回時 : 最大張出 (9.0m) 性能から
中間張出 (7.0m) 性能へ比例して減少する。

⑫の領域 (240° ~ 245° 範囲)

- 右旋回時 : 最大張出 (9.0m) 性能から
中間張出 (8.0m) 性能へ比例して減少する。
- 左旋回時 : 中間張出 (8.0m) 性能から
最大張出 (9.0m) 性能へ比例して増加する。

⑬の領域 (290° ~ 295° 範囲)

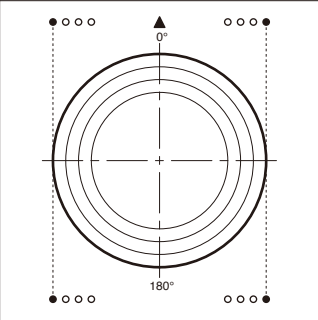
- 右旋回時 : 中間張出 (8.0m) 性能から
最大張出 (9.0m) 性能へ比例して増加する。
- 左旋回時 : 最大張出 (9.0m) 性能から
中間張出 (8.0m) 性能へ比例して減少する。

作業領域

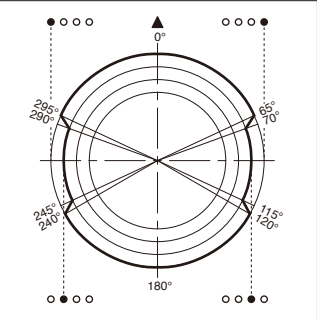
■ 作業領域図

【 4段ESPブーム作業 】

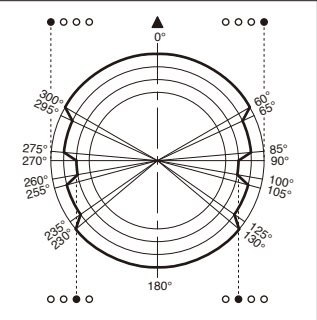
No.001 (左側) (右側)



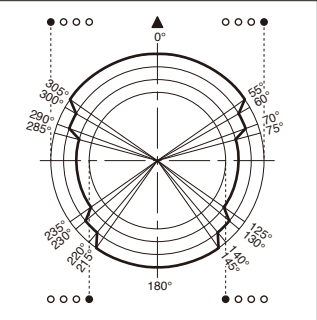
No.002



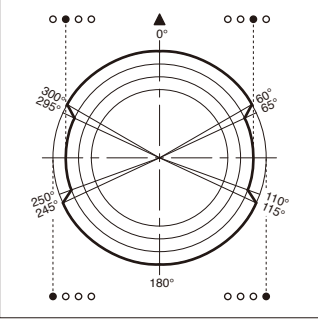
No.003



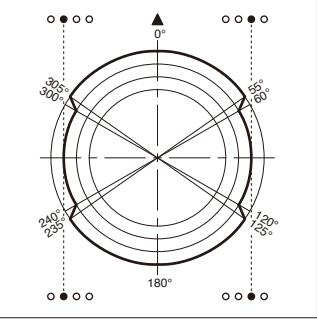
No.004



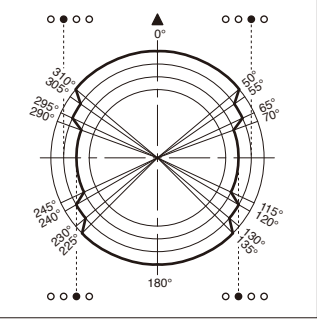
No.005



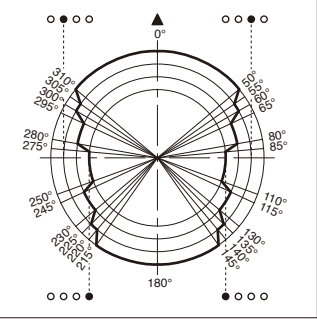
No.006



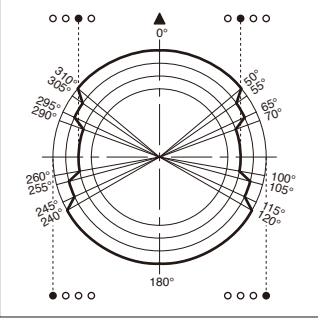
No.007



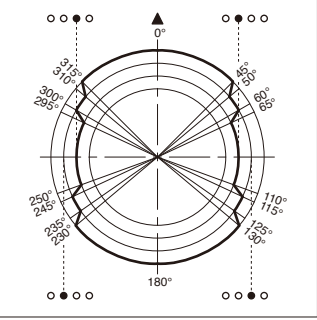
No.008



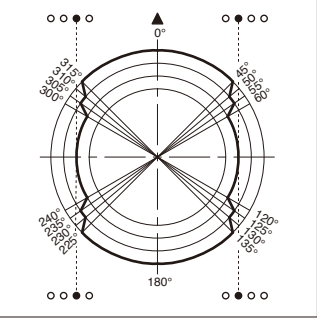
No.009



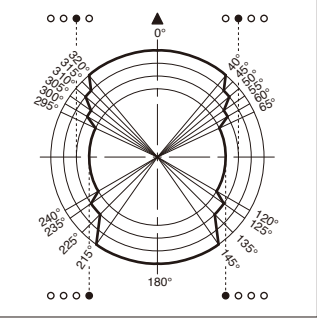
No.010



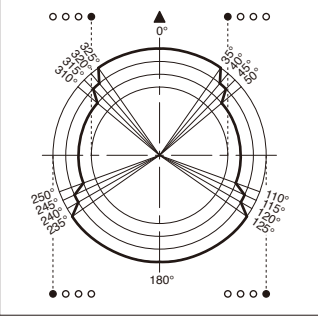
No.011



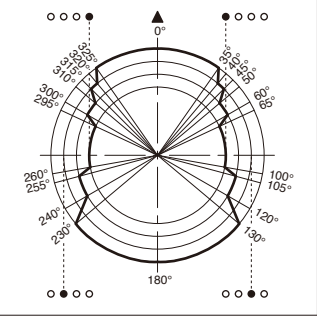
No.012



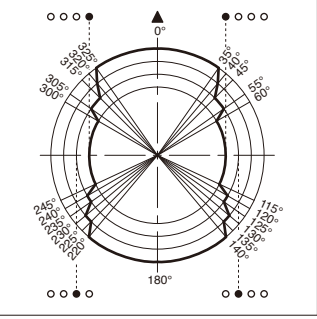
No.013



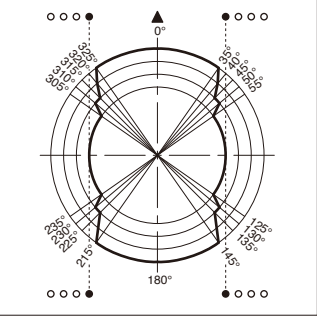
No.014



No.015



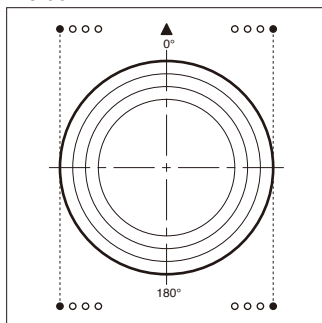
No.016



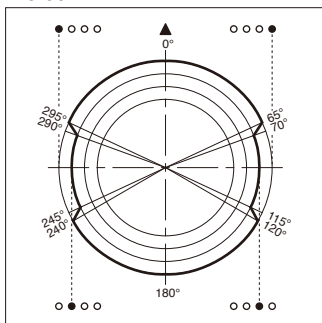
作業領域

【 6段ESPブーム作業 】

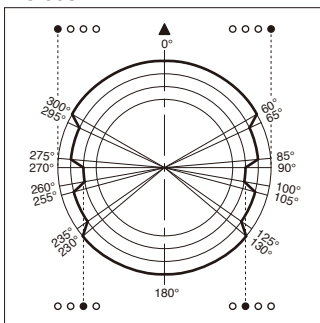
No.001 (左側) (右側)



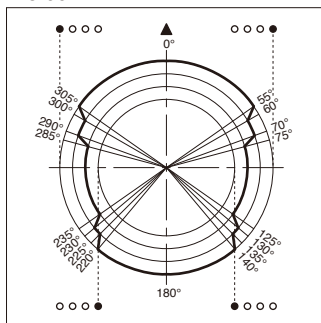
No.002



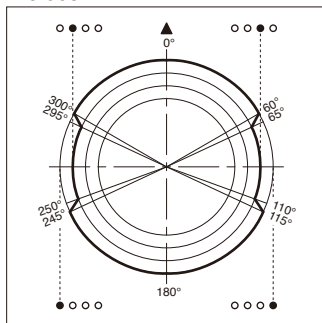
No.003



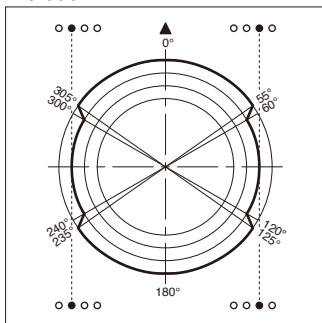
No.004



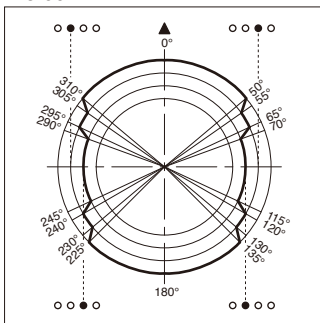
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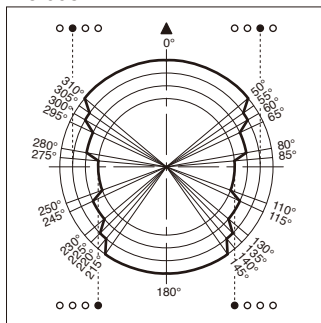
No.006



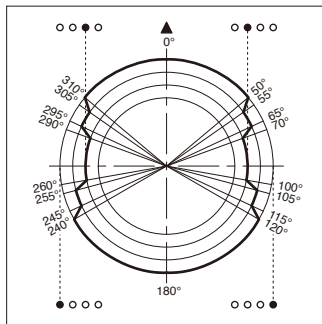
No.007



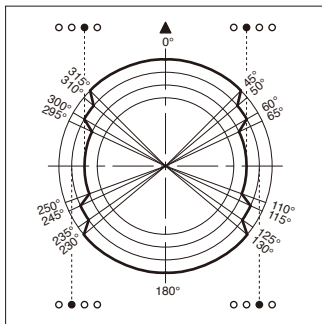
No.008



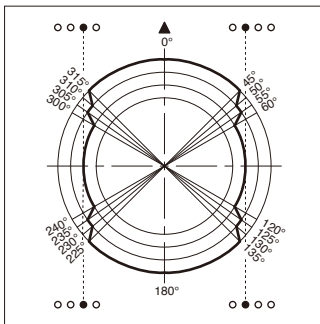
No.009



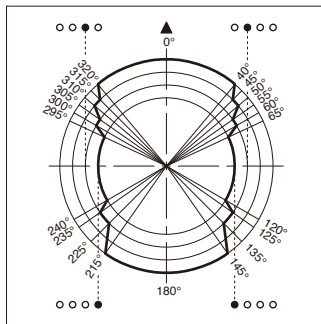
No.010



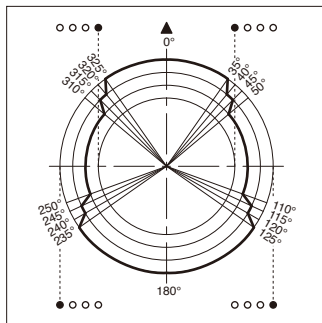
No.011



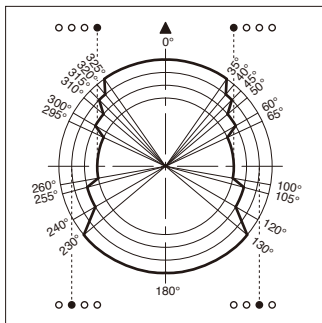
No.012



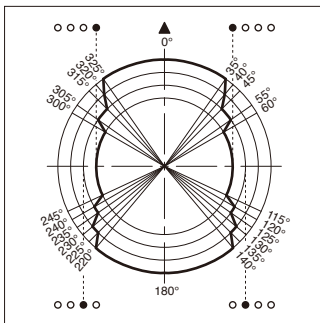
No.013



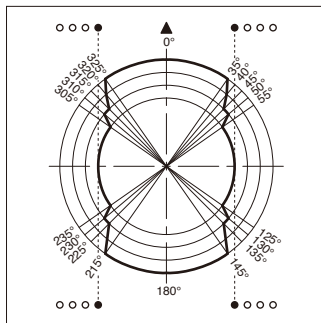
No.014



No.015



No.016



MEMO

[illegible]

オールテレーンクレーン
AR-7000N-1
4段ESPブーム・フィックスブーム



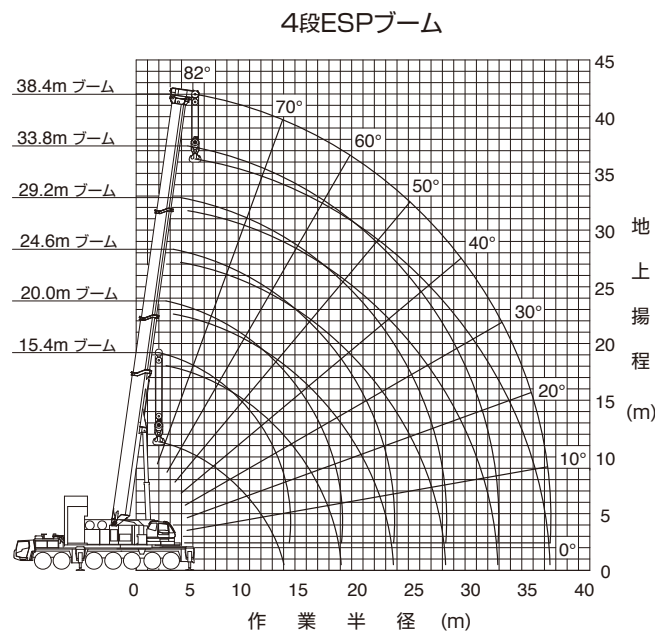
4段ESP

4段ESP
+FB

4段ESPブーム・フィックスブーム

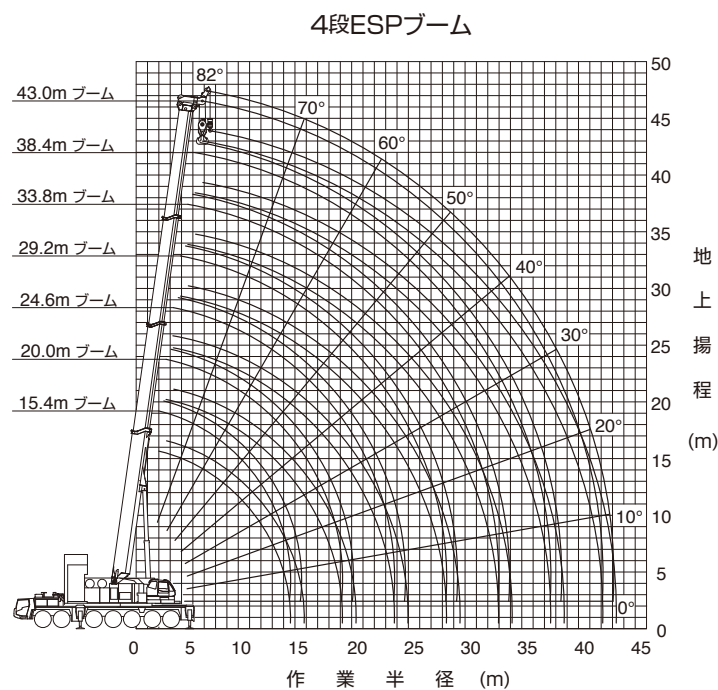
4段ESPブーム作業半径－揚程図

■ 重荷重ヘッド仕様



- (注意) 1. 上図はブームのたわみを含んでいません。
2. 重荷重ヘッド装着、カウンタウエイト164 t、アウトリガ張出幅9.0m、センタージャッキ、アシストジャッキ使用時の性能を図示しています。
3. ブーム長さは、4段ESPブームと0.5m重荷重ヘッドの合計ブーム長さを示しています。

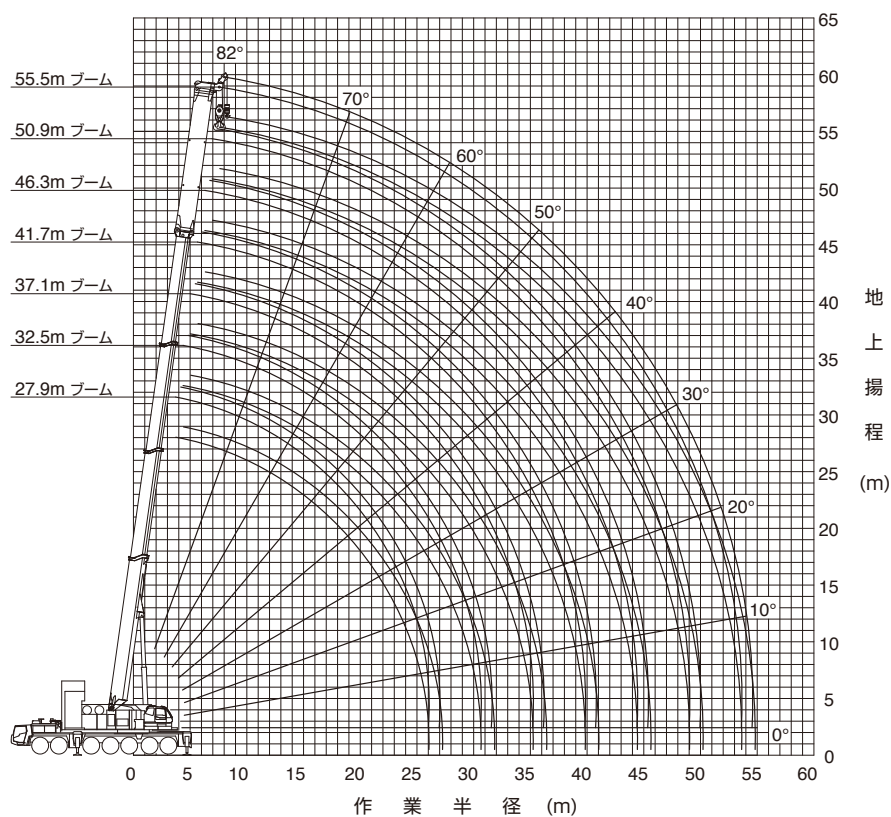
■ 標準ヘッド仕様



- (注意) 1. 上図はブームのたわみを含んでいません。
2. 標準ヘッド装着、カウンタウエイト164 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。
3. ブーム長さは、4段ESPブームと0.5m標準ヘッドの合計ブーム長さを示しています。

4段ESPブーム+フィックスブーム(FB)作業半径－揚程図

4段ESPブーム+12.5mフィックスブーム(FB)



- (注意) 1. 上図はブームのたわみを含んでいません。
 2. 標準ヘッド装着、カウンタウイト164 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。
 3. ブーム長さは、4段ESPブーム、12.5mフィックスブーム、0.5m標準ヘッドの合計ブーム長さを示しています。

4段ESPブーム・フィックスブーム

4段ESPブーム、4段ESPブーム+フィックスブーム(FB) 定格総荷重表

■ 定格総荷重表注意事項

- ◆性能設定のあるカウンタウエイトとアウトリガ張出幅の組合せを、下表に○印で示します。
○印は旋回方向によって性能が異なります。
CJ+AJ付はセンタージャッキ、アシストジャッキを装着している状態を示し、AJ付はアシストジャッキを装着している状態を示します。
※同じブーム長さでも、ブームの伸長状態によって定格総荷重が異なります。

【4段ESPブーム、重荷重ヘッド】

カウンタウエイト アウトリガ張出幅	208 t	195 t	164 t	127 t	94 t	57 t	27 t	0 t
9.0 m (CJ+AJ付)	○	◎	○	○	○			
9.0 m (AJ付)	○	○	○	○	○			○
9.0 m	○	○	○	○	○			○

【4段ESPブーム、標準ヘッド】

カウンタウエイト アウトリガ張出幅	208 t	195 t	164 t	127 t	94 t	57 t	27 t	0 t
9.0 m (AJ付)	○	○	○	○	○	○	○	○
9.0 m	○	○	○	○	○	○	○	○
8.0 m				○	○	○	○	○
7.0 m					○	○	○	○
5.8 m						○	○	○
2.6 m								◎

【4段ESPブーム+フィックスブーム(FB)、標準ヘッド】

カウンタウエイト アウトリガ張出幅	208 t	195 t	164 t	127 t	94 t	57 t	27 t	0 t
9.0 m (AJ付)	○	○	○	○	○	○		○
9.0 m	○	○	○	○	○	○		○
8.0 m				○	○	○		
7.0 m					○	○		
5.8 m						○		

- ◆定格総荷重は、つり具質量とフック質量(350tアタッチメント付フック:3,900kg、350tフック:3,460kg、12.5tフック:500kg)を含んだ値を示します。
- ◆定格総荷重は、ブームのたわみを含んだ実際の作業半径に基づいています。
- ◆定格総荷重表中の標準巻掛本数より少ない本数で使用する場合、最大荷重の上限は下表のとおりです。

巻掛本数	36本	30本	17本	16本	14本	13本	12本	11本	10本
最大荷重	350.0t	309.9t	198.3t	188.7t	168.1t	157.7t	146.5t	134.9t	123.2t

ただし、この掛数以外で使用する場合は、ロープ1本当りの荷重は、主巻・補巻ともに12.5t以下です。

- ◆シングルトップ使用時の巻掛本数は1本(12.5tフック使用)で、定格総荷重はブームの定格総荷重からブームに取り付けられているフックの質量を差し引いた値とし、かつ限度は12.5tです。
- ◆定格総荷重は、アウトリガを水平堅土上に設置したときの値です。
- ◆定格総荷重表は、風による影響を含んでいません。瞬間最大風速が10m/s以上の風速では、クレーン作業を中止してください。
- ◆定格総荷重表中の太線より上側はクレーンの強度に基づき、下側はクレーンの安定に基づいています。

定格総荷重表中のシンボル、記号の説明

 4段ESP+0.5mHH	4段 ESP (重荷重ヘッド仕様) の定格総荷重を示します。		
 4段ESP+0.5mSH	4段 ESP (標準ヘッド仕様) の定格総荷重を示します。		
 4段ESP+12.5mFB+0.5mSH	4段 ESP+フィックスブーム (FB) の定格総荷重を示します。		
	カウンタウエイト (C/W) 組合せを示します。	 m	ブーム長さを示します。
	アウトリガ張出幅を示します。	 m	作業半径を示します。
 CJ+AJ	センタージャッキ (CJ)、アシストジャッキ (AJ) を装着している状態を示します。	 %	ブーム伸縮状態 (伸縮割合 %) を示します。 IDはブーム伸縮状態に対応する番号を示します。
 AJ	アシストジャッキ (AJ) を装着している状態を示します。		B ピン (ブーム固定ピン) を挿入していないときの定格総荷重の上限を示します。
 360°	吊上げ可能な旋回範囲を示します。 360°旋回可能です。		無負荷状態で作動可能なブーム起伏角度範囲を示します。
 後方	後方限定を示します。		標準巻掛本数を示します。
 前方・後方	前方・後方限定を示します。 旋回可能範囲は性能表に示します。		標準フックを示します。
 t JPN	定格総荷重の単位を示します。		

4段ESPブーム・フィックスブーム

■ 定格総荷重表の見方

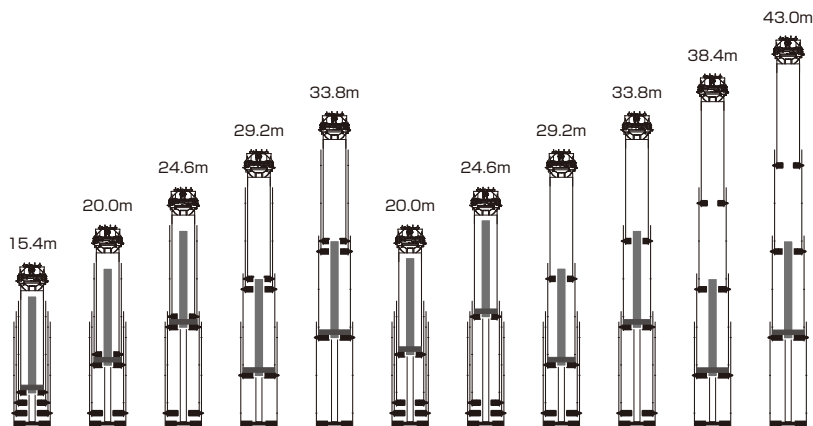
- 1. ブームの構成、カウンタウエイトの重量、アウトリガ張出幅、センタージャッキ(CJ)とアシストジャッキ(AJ)の装着の有無に応じた性能を選択します。
- 2. ブーム長さとのIDの欄を見ます。
- 3. 作業半径の欄を見ます。
- 4. ブーム長さ、IDと作業半径が交差するところが定格総荷重です。

1 4段ESP+0.5mHH 208 t 9.7m × 9.0m CJ+AJ 360 ° JPN																	
boom m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m	
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m	
counter weight m	2.7																2.7
	3.0																3.0
	3.5																3.5
	4.0																4.0
	4.5	398.5															4.5
	5.0	371.9	330.0	250.0													5.0
	6.0	328.2	319.7	250.0	311.5	250.0	250.0	268.0	250.0	250.0	268.0	250.0	250.0	250.0			6.0
	7.0	293.4	285.8	250.0	278.0	250.0	250.0	268.0	250.0	250.0	266.1	250.0	250.0	250.0	200.0	200.0	7.0
	8.0	262.3	258.2	250.0	251.0	250.0	250.0	245.5	246.7	248.7	239.4	240.5	242.9	243.3	200.0	200.0	8.0
	9.0	232.8	234.3	235.8	228.7	230.4	231.0	223.5	224.6	226.7	217.5	218.6	221.0	221.5	200.0	200.0	9.0
	10.0	208.8	210.2	211.7	209.8	211.6	212.3	205.0	206.1	208.3	199.3	200.3	202.8	203.3	197.4	199.4	10.0
	11.0	189.1	190.2	191.7	189.9	191.6	192.4	189.2	190.4	192.6	183.7	184.8	187.3	187.9	182.0	184.0	11.0
	12.0	172.3	173.4	174.9	173.0	174.8	175.6	172.9	174.0	176.4	170.4	171.4	173.9	174.5	168.7	170.8	12.0
	14.0		146.6	148.2	146.3	148.1	148.9	146.1	147.2	149.6	144.8	145.7	148.1	148.9	146.3	148.4	14.0
	16.0		126.4	128.0	126.0	127.8	128.6	125.7	126.8	129.3	124.4	125.3	127.8	128.6	125.9	128.0	16.0
	18.0		72.1	74.0	110.2	112.0	112.8	109.8	110.9	113.3	108.4	109.4	111.8	112.6	109.9	112.0	18.0
	20.0				97.4	99.3	100.0	96.9	98.0	100.5	95.6	96.5	99.0	99.8	97.0	99.2	20.0
radius m	22.0				67.4	69.2		86.4	87.5	90.0	85.0	85.9	88.4	89.2	86.4	88.6	22.0
	24.0							76.6	78.0	80.8	74.8	76.0	79.0	80.0	76.5	79.1	24.0
	26.0							57.5	58.6	61.4	66.0	67.2	70.2	71.1	67.6	70.2	26.0
	28.0										58.8	59.9	62.9	63.8	60.2	62.8	28.0
	30.0										48.1	49.0	51.4	52.6	54.0	56.5	30.0
	32.0														48.7	51.2	32.0
	34.0														42.4	44.7	34.0
	36.0														27.7	30.0	36.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
radius %	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
center jack t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
assist jack °	0~75	0~77	0~77	0~79	0~79	0~	2	0~80	0~80	0~80	0~82	0~82	0~82	0~82	0~82	0~82	°
boom	30×2	16×2	16×2	16×2	16×2	16×2	12×2	12×2	12×2	12×2	12×2	12×2	12×2	12×2	10×2	10×2	
hook	350t×2 +アタッチメント	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	

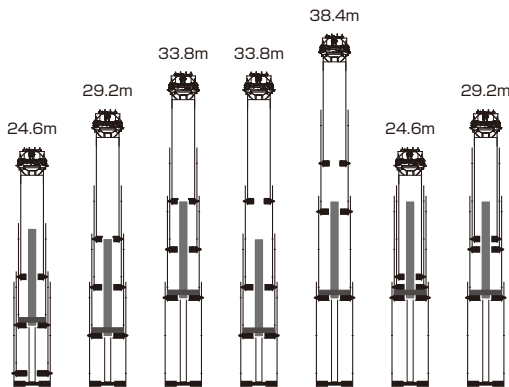
■ 性能ブロック図

性能ブロックはブームの伸縮操作だけでブーム伸縮状態を変更できる一連のIDをまとめたものです。
同じブロック内であればブームの伸縮状態の変更が容易に行えます。

IDはブーム伸縮状態に対応する番号を示します。
ブームの伸縮割合の組み合わせによってブーム伸縮状態が異なります。
同じブーム長さであってもブームの伸縮割合が変わればIDが変わります。



性能ブロック	1					2					
ID	1	2	3	4	5	6	7	8	9	10	11



性能ブロック	3			4	5	6	7
ID	12	13	14	15	16	17	18

4段ESPブーム

 4段ESP+0.5mHH	 208 t	 9.7m x 9.0m	 CJ+AJ	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
 m	2.7															2.7
	3.0															3.0
	3.5															3.5
	4.0															4.0
	4.5	398.5														4.5
	5.0	371.9	330.0	250.0												5.0
	6.0	328.2	319.7	250.0	311.5	250.0	250.0	268.0	250.0	250.0	268.0	250.0	250.0			6.0
	7.0	293.4	285.8	250.0	278.0	250.0	250.0	268.0	250.0	250.0	266.1	250.0	250.0	200.0	200.0	7.0
	8.0	262.3	258.2	250.0	251.0	250.0	250.0	245.5	246.7	248.7	239.4	240.5	242.9	243.3	200.0	8.0
	9.0	232.8	234.3	235.8	228.7	230.4	231.0	223.5	224.6	226.7	217.5	218.6	221.0	221.5	200.0	9.0
	10.0	208.8	210.2	211.7	209.8	211.6	212.3	205.0	206.1	208.3	199.3	200.3	202.8	203.3	197.4	10.0
	11.0	189.1	190.2	191.7	189.9	191.6	192.4	189.2	190.4	192.6	183.7	184.8	187.3	187.9	182.0	11.0
	12.0	172.3	173.4	174.9	173.0	174.8	175.6	172.9	174.0	176.4	170.4	171.4	173.9	174.5	168.7	12.0
	14.0		146.6	148.2	146.3	148.1	148.9	146.1	147.2	149.6	144.8	145.7	148.1	148.9	146.3	14.0
	16.0		126.4	128.0	126.0	127.8	128.6	125.7	126.8	129.3	124.4	125.3	127.8	128.6	125.9	16.0
	18.0		72.1	74.0	110.2	112.0	112.8	109.8	110.9	113.3	108.4	109.4	111.8	112.6	109.9	18.0
	20.0				97.4	99.3	100.1	96.9	98.0	100.5	95.6	96.5	99.0	99.8	97.0	20.0
	22.0				67.4	69.2	70.5	86.4	87.5	90.0	85.0	85.9	88.4	89.2	86.4	22.0
	24.0							76.6	78.0	80.8	74.8	76.0	79.0	80.0	76.5	24.0
	26.0							57.5	58.6	61.4	66.0	67.2	70.2	71.1	67.6	26.0
	28.0										58.8	59.9	62.9	63.8	60.2	28.0
	30.0										48.1	49.0	51.4	52.6	54.0	30.0
	32.0														48.7	32.0
	34.0														42.4	34.0
	36.0														27.7	36.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~75	0~77	0~77	0~79	0~79	0~79	0~80	0~80	0~80	0~82	0~82	0~82	0~82	0~82	0~82	°
	30×2	16×2	16×2	16×2	16×2	16×2	12×2	12×2	12×2	12×2	12×2	12×2	12×2	12×2	10×2	
	350t×2 +アタッチメント	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	

 4段ESP+0.5mHH	 195 t	 9.7m x 9.0m	 CJ+AJ	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
 m	2.7															2.7
	3.0	550.0														3.0
	3.5	465.6														3.5
	4.0	429.3	330.0	250.0												4.0
	4.5	398.5	330.0	250.0	330.0	250.0	250.0									4.5
	5.0	371.9	330.0	250.0	330.0	250.0	250.0	268.0	250.0	250.0						5.0
	6.0	328.2	319.7	250.0	311.5	250.0	250.0	268.0	250.0	250.0	268.0	250.0	250.0			6.0
	7.0	293.2	285.8	250.0	278.0	250.0	250.0	268.0	250.0	250.0	266.1	250.0	250.0	200.0	200.0	7.0
	8.0	256.7	258.2	250.0	251.0	250.0	250.0	245.5	246.7	248.7	239.4	240.5	242.9	243.3	200.0	8.0
	9.0	227.7	229.2	230.8	228.7	230.4	231.0	223.5	224.6	226.7	217.5	218.6	221.0	221.5	200.0	9.0
	10.0	204.3	205.6	207.1	205.3	207.0	207.8	205.0	206.1	208.3	199.3	200.3	202.8	203.3	197.4	10.0
	11.0	184.9	186.0	187.6	185.7	187.4	188.2	185.6	186.7	189.0	183.7	184.8	187.3	187.9	182.0	11.0
	12.0	168.7	169.5	171.1	169.2	171.0	171.7	169.1	170.1	172.5	167.7	168.6	171.1	171.8	168.7	12.0
	14.0		143.3	144.9	143.0	144.7	145.6	142.8	143.9	146.3	141.4	142.4	144.8	145.6	142.9	14.0
	16.0		123.5	125.1	123.1	124.9	125.7	122.8	123.9	126.3	121.5	122.4	124.8	125.6	123.0	16.0
	18.0		72.1	74.0	107.5	109.3	110.2	107.1	108.3	110.7	105.8	106.7	109.2	110.0	107.3	18.0
	20.0				95.1	96.9	97.8	94.6	95.7	98.1	93.2	94.1	96.6	97.4	94.6	20.0
	22.0				67.4	69.2	70.5	82.1	83.5	86.6	80.4	81.6	84.6	85.6	82.1	22.0
	24.0							71.9	73.3	76.3	70.1	71.3	74.3	75.3	71.8	24.0
	26.0							57.5	58.6	61.4	61.7	62.9	65.9	66.8	63.3	26.0
	28.0										54.8	56.0	58.9	59.9	56.3	28.0
	30.0										48.1	49.0	51.4	52.6	50.4	30.0
	32.0														45.3	32.0
	34.0														41.1	34.0
	36.0														27.7	36.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~79	0~80	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
	30×2	16×2	16×2	16×2	16×2	16×2	12×2	12×2	12×2	12×2	12×2	12×2	12×2	12×2	10×2	
	350t×2 +アタッチメント	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	



4段ESP+0.5mHH		195 t	9.7m x 9.0m	CJ+AJ	後方	JPN

	m	14.9
合計ブーム長さ	m	15.4
	2.7	700.0
	3.0	550.0
	3.5	465.6
	4.0	429.3
	4.5	398.5
	5.0	371.9
	6.0	328.2
	7.0	293.2
	8.0	256.7
	9.0	
	10.0	
	11.0	
	12.0	
	14.0	
	16.0	
	18.0	
	20.0	
	22.0	
	24.0	
	26.0	
	28.0	
	30.0	
	32.0	
	34.0	
	36.0	
	1	0
	2	0
	3	0
	% ID	1
	t	100.0
	°	0~82
		36×2
		350t×2 +アタッチメント

4段ESP+0.5mHH		164 t	9.7m x 9.0m	CJ+AJ	360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
	2.7																2.7
	3.0	450.0															3.0
	3.5	450.0	330.0	250.0													3.5
	4.0	429.3	330.0	250.0	330.0	250.0	250.0										4.0
	4.5	398.5	330.0	250.0	330.0	250.0	250.0										4.5
	5.0	371.9	330.0	250.0	330.0	250.0	250.0	268.0	250.0	250.0							5.0
	6.0	323.6	319.7	250.0	311.5	250.0	250.0	268.0	250.0	250.0	268.0	250.0	250.0	250.0			6.0
	7.0	278.3	280.2	250.0	278.0	250.0	250.0	268.0	250.0	250.0	266.1	250.0	250.0	250.0	200.0	200.0	7.0
	8.0	243.5	245.2	246.7	244.8	246.6	247.3	244.8	245.9	248.2	239.4	240.5	242.9	243.3	200.0	200.0	8.0
	9.0	215.9	217.4	219.0	217.1	218.8	219.6	217.1	218.1	220.5	215.7	216.6	219.0	219.7	200.0	200.0	9.0
	10.0	193.6	194.9	196.4	194.6	196.3	197.1	194.5	195.6	197.9	193.2	194.1	196.5	197.2	194.7	196.8	10.0
	11.0	175.1	176.2	177.8	175.9	177.6	178.4	175.8	176.9	179.2	174.4	175.4	177.8	178.5	176.0	178.1	11.0
	12.0	159.7	160.5	162.0	160.2	161.9	162.7	160.0	161.1	163.5	158.7	159.6	162.0	162.8	160.2	162.3	12.0
	14.0		135.5	137.1	135.2	137.0	137.8	135.0	136.1	138.5	133.6	134.6	137.0	137.8	135.1	137.3	14.0
	16.0		116.2	118.2	115.7	118.0	118.8	115.3	116.8	119.5	113.5	114.7	118.0	118.8	115.5	118.2	16.0
	18.0		72.1	74.0	96.4	98.8	99.8	95.9	97.3	100.5	94.1	95.4	98.6	99.6	96.0	98.8	18.0
	20.0				82.0	84.3	85.4	81.3	82.7	85.8	79.6	80.8	83.9	84.9	81.4	84.1	20.0
	22.0				67.4	69.2	70.5	70.0	71.4	74.4	68.2	69.4	72.5	73.5	70.0	72.6	22.0
	24.0							60.9	62.3	65.3	59.2	60.3	63.3	64.3	60.8	63.5	24.0
	26.0							53.7	55.0	58.0	51.8	52.9	55.9	56.9	53.3	55.9	26.0
	28.0										45.7	46.8	49.8	50.7	47.1	49.7	28.0
	30.0										40.6	41.8	44.7	45.7	41.9	44.5	30.0
	32.0														37.5	40.0	32.0
	34.0														33.7	36.2	34.0
	36.0														27.7	30.0	36.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	% ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		30×2	16×2	16×2	16×2	16×2	16×2	12×2	12×2	12×2	12×2	12×2	12×2	12×2	10×2	10×2	
		350t×2 +アタッチメント	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	

4段ESPブーム

 4段ESP+0.5mHH	 127 t	 9.7m x 9.0m	 CJ+AJ	 360°	 JPN
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	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ m		15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
	2.7																2.7
	3.0	360.0															3.0
	3.5	360.0	330.0	250.0													3.5
	4.0	360.0	330.0	250.0	330.0	250.0	250.0										4.0
	4.5	360.0	330.0	250.0	330.0	250.0	250.0										4.5
	5.0	360.0	330.0	250.0	330.0	250.0	250.0	268.0	250.0	250.0							5.0
	6.0	303.7	305.7	250.0	305.3	250.0	250.0	268.0	250.0	250.0	268.0	250.0	250.0	250.0			6.0
	7.0	261.0	262.9	250.0	262.5	250.0	250.0	262.5	250.0	250.0	261.2	250.0	250.0	250.0	200.0	200.0	7.0
	8.0	228.2	229.9	231.4	229.5	231.3	232.0	229.5	230.6	232.9	228.2	229.1	231.5	232.2	200.0	200.0	8.0
	9.0	202.2	203.7	205.2	203.4	205.1	205.9	203.3	204.4	206.7	202.0	202.9	205.3	206.0	200.0	200.0	9.0
	10.0	181.1	182.4	184.0	182.1	183.9	184.6	182.0	183.1	185.5	180.7	181.6	184.0	184.8	182.2	184.3	10.0
	11.0	163.7	164.8	166.4	164.5	166.3	167.0	164.4	165.5	167.8	163.1	164.0	166.4	167.1	164.6	166.7	11.0
	12.0	149.2	150.0	151.6	149.7	151.4	152.2	149.5	150.6	153.0	148.2	149.1	151.5	152.3	149.7	151.8	12.0
	14.0		117.5	119.8	117.0	119.6	120.7	116.8	118.3	121.7	114.9	116.2	119.6	120.7	117.0	120.0	14.0
	16.0		94.8	97.0	94.3	96.7	97.9	93.9	95.4	98.7	92.1	93.4	96.7	97.7	94.1	97.0	16.0
	18.0		72.1	74.0	78.0	80.4	81.5	77.5	79.0	82.1	75.8	77.0	80.2	81.2	77.7	80.5	18.0
	20.0				65.9	68.2	69.3	65.2	66.6	69.7	63.5	64.7	67.8	68.8	65.3	68.0	20.0
	22.0				56.6	58.9	60.0	55.6	57.0	60.0	53.9	55.1	58.1	59.1	55.6	58.3	22.0
	24.0							48.0	49.4	52.4	46.2	47.4	50.4	51.4	47.9	50.5	24.0
	26.0							41.9	43.3	46.2	40.0	41.2	44.1	45.1	41.6	44.2	26.0
	28.0										34.9	36.0	39.0	39.9	36.3	38.9	28.0
	30.0										30.6	31.8	34.7	35.7	31.9	34.5	30.0
	32.0														28.2	30.7	32.0
	34.0														25.0	27.6	34.0
	36.0														22.5	25.0	36.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	% ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		30×2	16×2	16×2	16×2	16×2	16×2	12×2	12×2	12×2	12×2	12×2	12×2	12×2	10×2	10×2	
		350t×2 +アタッチメント	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	

 4段ESP+0.5mHH	 94 t	 9.7m x 9.0m	 CJ+AJ	 360°	 JPN
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	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
	2.7																2.7
	3.0	360.0															3.0
	3.5	360.0	330.0	250.0													3.5
	4.0	360.0	330.0	250.0	330.0	250.0	250.0										4.0
	4.5	360.0	330.0	250.0	330.0	250.0	250.0										4.5
	5.0	340.4	330.0	250.0	330.0	250.0	250.0	268.0	250.0	250.0							5.0
	6.0	285.8	287.8	250.0	287.4	250.0	250.0	268.0	250.0	250.0	268.0	250.0	250.0	250.0			6.0
	7.0	245.4	247.3	248.8	246.9	248.6	249.4	246.9	248.0	250.0	245.6	246.5	248.8	249.5	200.0	200.0	7.0
	8.0	214.4	216.1	217.6	215.7	217.5	218.2	215.7	216.8	219.1	214.4	215.3	217.7	218.4	200.0	200.0	8.0
	9.0	189.8	191.3	192.8	191.0	192.7	193.5	191.0	192.0	194.3	189.6	190.5	192.9	193.6	191.1	193.2	9.0
	10.0	167.2	169.4	172.0	168.9	171.8	173.2	168.8	170.6	174.2	166.5	168.1	172.1	173.4	169.1	172.7	10.0
	11.0	141.3	143.0	145.5	142.6	145.4	146.6	142.4	144.1	147.9	140.3	141.8	145.6	146.8	142.7	146.1	11.0
	12.0	121.8	123.0	125.4	122.6	125.3	126.5	122.4	124.0	127.7	120.4	121.8	125.4	126.6	122.7	125.9	12.0
	14.0		94.7	97.0	94.3	96.8	98.0	94.0	95.6	99.0	92.1	93.4	96.9	98.0	94.2	97.3	14.0
	16.0		75.8	78.0	75.3	77.7	78.8	74.9	76.4	79.6	73.1	74.3	77.6	78.7	75.1	78.0	16.0
	18.0		62.5	64.6	61.6	64.0	65.1	61.1	62.6	65.7	59.4	60.6	63.8	64.8	61.3	64.1	18.0
	20.0				51.5	53.8	54.9	50.8	52.2	55.3	49.1	50.3	53.4	54.4	50.9	53.6	20.0
	22.0				43.8	46.1	47.1	42.8	44.2	47.2	41.0	42.2	45.3	46.3	42.8	45.5	22.0
	24.0							36.4	37.8	40.8	34.7	35.8	38.8	39.8	36.3	39.0	24.0
	26.0							31.4	32.7	35.7	29.5	30.6	33.6	34.6	31.0	33.6	26.0
	28.0										25.2	26.4	29.3	30.3	26.7	29.2	28.0
	30.0										21.7	22.9	25.8	26.7	23.0	25.5	30.0
	32.0														19.9	22.4	32.0
	34.0														17.3	19.8	34.0
	36.0														15.2	17.7	36.0
	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1	
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	% ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		30×2	16×2	16×2	16×2	16×2	16×2	12×2	12×2	12×2	12×2	12×2	12×2	12×2	10×2	10×2	
		350t×2 +アタッチメント	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	350t×2	



4段ESP+0.5mHH		208 t	9.7m x 9.0m	AJ	360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
	2.7																2.7
	3.0																3.0
	3.5																3.5
	4.0																4.0
	4.5	170.0															4.5
	5.0	170.0	170.0	170.0													5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0			6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	9.0
	10.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	10.0
	11.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	11.0
	12.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	12.0
	14.0		146.6	148.2	146.3	148.1	148.9	146.1	147.2	149.6	144.8	145.7	148.1	148.9	146.3	148.4	14.0
	16.0		126.4	128.0	126.0	127.8	128.6	125.7	126.8	129.3	124.4	125.3	127.8	128.6	125.9	128.0	16.0
	18.0		72.1	74.0	110.2	112.0	112.8	109.8	110.9	113.3	108.4	109.4	111.8	112.6	109.9	112.0	18.0
	20.0				97.4	99.3	100.1	96.9	98.0	100.5	95.6	96.5	99.0	99.8	97.0	99.2	20.0
	22.0				67.4	69.2	70.5	86.4	87.5	90.0	85.0	85.9	88.4	89.2	86.4	88.6	22.0
	24.0							76.6	78.0	80.8	74.8	76.0	79.0	80.0	76.5	79.1	24.0
	26.0							57.5	58.6	61.4	66.0	67.2	70.2	71.1	67.6	70.2	26.0
	28.0										58.8	59.9	62.9	63.8	60.2	62.8	28.0
	30.0										48.1	49.0	51.4	52.6	54.0	56.5	30.0
	32.0														48.7	51.2	32.0
	34.0														42.4	44.7	34.0
	36.0														27.7	30.0	36.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~75	0~77	0~77	0~79	0~79	0~79	0~80	0~80	0~80	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESP+0.5mHH		195 t	9.7m x 9.0m	AJ	360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
	2.7																2.7
	3.0	170.0															3.0
	3.5	170.0															3.5
	4.0	170.0	170.0	170.0													4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0										4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0							5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0			6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	9.0
	10.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	10.0
	11.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	11.0
	12.0	168.7	169.5	170.0	169.2	170.0	170.0	169.1	170.0	170.0	167.7	168.6	170.0	170.0	168.7	170.0	12.0
	14.0		143.3	144.9	143.0	144.7	145.6	142.8	143.9	146.3	141.4	142.4	144.8	145.6	142.9	145.1	14.0
	16.0		123.5	125.1	123.1	124.9	125.7	122.8	123.9	126.3	121.5	122.4	124.8	125.6	123.0	125.1	16.0
	18.0		72.1	74.0	107.5	109.3	110.2	107.1	108.3	110.7	105.8	106.7	109.2	110.0	107.3	109.4	18.0
	20.0				95.1	96.9	97.8	94.6	95.7	98.1	93.2	94.1	96.6	97.4	94.6	96.8	20.0
	22.0				67.4	69.2	70.5	82.1	83.5	86.6	80.4	81.6	84.6	85.6	82.1	84.3	22.0
	24.0							71.9	73.3	76.3	70.1	71.3	74.3	75.3	71.8	74.4	24.0
	26.0							57.5	58.6	61.4	61.7	62.9	65.9	66.8	63.3	65.9	26.0
	28.0										54.8	56.0	58.9	59.9	56.3	58.9	28.0
	30.0										48.1	49.0	51.4	52.6	50.4	52.9	30.0
	32.0														45.3	47.9	32.0
	34.0														41.1	43.6	34.0
	36.0														27.7	30.0	36.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~79	0~80	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム

 4段ESP+0.5mHH	 164 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ m		15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
	2.7																2.7
	3.0	170.0															3.0
	3.5	170.0	170.0	170.0													3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0										4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0										4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0							5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	9.0
	10.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	10.0
	11.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	11.0
	12.0	159.7	160.5	162.0	160.2	161.9	162.7	160.0	161.1	163.5	158.7	159.6	162.0	162.8	160.2	162.3	12.0
	14.0		135.5	137.1	135.2	137.0	137.8	135.0	136.1	138.5	133.6	134.6	137.0	137.8	135.1	137.3	14.0
	16.0		116.2	118.2	115.7	118.0	118.8	115.3	116.8	119.5	113.5	114.7	118.0	118.8	115.5	118.2	16.0
	18.0		72.1	74.0	96.4	98.8	99.8	95.9	97.3	100.5	94.1	95.4	98.6	99.6	96.0	98.8	18.0
	20.0				82.0	84.3	85.4	81.3	82.7	85.8	79.6	80.8	83.9	84.9	81.4	84.1	20.0
	22.0				67.4	69.2	70.5	70.0	71.4	74.4	68.2	69.4	72.5	73.5	70.0	72.6	22.0
	24.0							60.9	62.3	65.3	59.2	60.3	63.3	64.3	60.8	63.5	24.0
	26.0							53.7	55.0	58.0	51.8	52.9	55.9	56.9	53.3	55.9	26.0
	28.0										45.7	46.8	49.8	50.7	47.1	49.7	28.0
	30.0										40.6	41.8	44.7	45.7	41.9	44.5	30.0
	32.0														37.5	40.0	32.0
	34.0														33.7	36.2	34.0
	36.0														27.7	30.0	36.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	% ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mHH	 127 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
	2.7																2.7
	3.0	170.0															3.0
	3.5	170.0	170.0	170.0													3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0										4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0										4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0							5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0			6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	9.0
	10.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	10.0
	11.0	163.7	164.8	166.4	164.5	166.3	167.0	164.4	165.5	167.8	163.1	164.0	166.4	167.1	164.6	166.7	11.0
	12.0	149.2	150.0	151.6	149.7	151.4	152.2	149.5	150.6	153.0	148.2	149.1	151.5	152.3	149.7	151.8	12.0
	14.0		117.5	119.8	117.0	119.6	120.7	116.8	118.3	121.7	114.9	116.2	119.6	120.7	117.0	120.0	14.0
	16.0		94.8	97.0	94.3	96.7	97.9	93.9	95.4	98.7	92.1	93.4	96.7	97.7	94.1	97.0	16.0
	18.0		72.1	74.0	78.0	80.4	81.5	77.5	79.0	82.1	75.8	77.0	80.2	81.2	77.7	80.5	18.0
	20.0				65.9	68.2	69.3	65.2	66.6	69.7	63.5	64.7	67.8	68.8	65.3	68.0	20.0
	22.0				56.6	58.9	60.0	55.6	57.0	60.0	53.9	55.1	58.1	59.1	55.6	58.3	22.0
	24.0							48.0	49.4	52.4	46.2	47.4	50.4	51.4	47.9	50.5	24.0
	26.0							41.9	43.3	46.2	40.0	41.2	44.1	45.1	41.6	44.2	26.0
	28.0										34.9	36.0	39.0	39.9	36.3	38.9	28.0
	30.0										30.6	31.8	34.7	35.7	31.9	34.5	30.0
	32.0														28.2	30.7	32.0
	34.0														25.0	27.6	34.0
	36.0														22.5	25.0	36.0
	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1	
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t	
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°	
		17	17	17	17	17	17	17	17	17	17	17	17	16	16		
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		



4段ESP+0.5mHH		94 t	9.7m x 9.0m	AJ	360°	JPN
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m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
2.7																2.7
3.0	170.0															3.0
3.5	170.0	170.0	170.0													3.5
4.0	170.0	170.0	170.0	170.0	170.0	170.0										4.0
4.5	170.0	170.0	170.0	170.0	170.0	170.0										4.5
5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0							5.0
6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0			6.0
7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	7.0
8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	8.0
9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	9.0
10.0	167.2	169.4	170.0	168.9	170.0	170.0	168.8	170.0	170.0	166.5	168.1	170.0	170.0	169.1	170.0	10.0
11.0	141.3	143.0	145.5	142.6	145.4	146.6	142.4	144.1	147.9	140.3	141.8	145.6	146.8	142.7	146.1	11.0
12.0	121.8	123.0	125.4	122.6	125.3	126.5	122.4	124.0	127.7	120.4	121.8	125.4	126.6	122.7	125.9	12.0
14.0		94.7	97.0	94.3	96.8	98.0	94.0	95.6	99.0	92.1	93.4	96.9	98.0	94.2	97.3	14.0
16.0		75.8	78.0	75.3	77.7	78.8	74.9	76.4	79.6	73.1	74.3	77.6	78.7	75.1	78.0	16.0
18.0		62.5	64.6	61.6	64.0	65.1	61.1	62.6	65.7	59.4	60.6	63.8	64.8	61.3	64.1	18.0
20.0				51.5	53.8	54.9	50.8	52.2	55.3	49.1	50.3	53.4	54.4	50.9	53.6	20.0
22.0				43.8	46.1	47.1	42.8	44.2	47.2	41.0	42.2	45.3	46.3	42.8	45.5	22.0
24.0							36.4	37.8	40.8	34.7	35.8	38.8	39.8	36.3	39.0	24.0
26.0							31.4	32.7	35.7	29.5	30.6	33.6	34.6	31.0	33.6	26.0
28.0										25.2	26.4	29.3	30.3	26.7	29.2	28.0
30.0										21.7	22.9	25.8	26.7	23.0	25.5	30.0
32.0														19.9	22.4	32.0
34.0														17.3	19.8	34.0
36.0														15.2	17.7	36.0
1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	50	2
3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESP+0.5mHH		0 t	9.7m x 9.0m	AJ	360°	JPN
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m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
2.7																2.7
3.0	50.0															3.0
3.5	50.0	50.0	50.0													3.5
4.0	50.0	50.0	50.0	50.0	50.0	50.0										4.0
4.5	50.0	50.0	50.0	50.0	50.0	50.0										4.5
5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0							5.0
6.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0			6.0
7.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	7.0
8.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	8.0
9.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	9.0
10.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	10.0
11.0	45.5	47.6	50.0	47.3	50.0	50.0	47.0	49.1	50.0	44.6	46.4	50.0	50.0	47.5	50.0	11.0
12.0	35.7	37.2	40.1	37.0	40.1	41.6	36.6	38.6	42.9	34.2	36.1	40.4	41.8	37.1	40.9	12.0
14.0		23.2	26.0	22.9	26.0	27.4	22.5	24.4	28.6	20.3	22.0	26.2	27.5	22.9	26.6	14.0
16.0		14.4	17.1	14.0	17.0	18.3	13.5	15.4	19.3	11.5	13.1	17.1	18.3	13.9	17.4	16.0
18.0		8.7	11.3	8.0	10.9	12.2	7.4	9.2	13.0		7.0	10.8	12.0		11.1	18.0
20.0				3.8	6.5	7.8		4.7	8.4			6.2	7.4			20.0
22.0						4.7			4.9				3.9			22.0
24.0																24.0
26.0																26.0
28.0																28.0
30.0																30.0
32.0																32.0
34.0																34.0
36.0																36.0
1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
°	0~82	0~82	0~82	0~82	0~82	0~82	36~82	28~82	0~82	53~82	51~82	41~82	36~82	58~82	52~82	°
	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム

 4段ESP+0.5mHH	 208 t	 9.7m x 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
 m	2.7															2.7
	3.0															3.0
	3.5															3.5
	4.0															4.0
	4.5	170.0														4.5
	5.0	170.0	170.0	170.0												5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0			6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	9.0
	10.0	166.8	168.2	169.9	167.9	169.8	170.0	167.8	169.0	170.0	166.4	167.4	169.9	170.0	168.0	10.0
	11.0	152.6	153.8	155.4	153.4	155.3	156.1	153.3	154.5	157.0	151.9	152.9	155.4	156.2	153.5	11.0
	12.0	140.4	141.2	143.0	140.9	142.8	143.7	140.8	141.9	144.5	139.3	140.3	142.9	143.8	140.9	12.0
	14.0		120.7	122.5	120.3	122.3	123.2	120.1	121.3	124.0	118.6	119.6	122.3	123.2	120.3	14.0
	16.0		104.6	106.4	104.2	106.2	107.1	103.8	105.1	107.8	102.3	103.4	106.1	107.0	104.0	16.0
	18.0		72.1	74.0	91.2	93.3	94.2	90.8	92.0	94.8	89.2	90.3	93.1	94.0	90.9	18.0
	20.0				80.7	82.8	83.8	80.0	81.3	84.2	78.4	79.6	82.4	83.3	80.1	20.0
	22.0				67.4	69.2	70.5	71.1	72.4	75.3	69.5	70.6	73.5	74.4	71.1	22.0
	24.0							63.6	65.0	67.9	61.9	63.0	66.0	66.9	63.5	24.0
	26.0							57.3	58.6	61.4	55.5	56.6	59.5	60.5	57.0	26.0
	28.0										49.9	51.1	54.1	55.0	51.4	28.0
	30.0										45.2	46.4	49.4	50.4	46.5	30.0
	32.0														42.3	32.0
	34.0														38.6	34.0
	36.0														27.7	36.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~75	0~77	0~77	0~79	0~79	0~79	0~80	0~80	0~80	0~82	0~82	0~82	0~82	0~82	0~82	°
	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mHH	 195 t	 9.7m x 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
 m	2.7															2.7
	3.0	170.0														3.0
	3.5	170.0														3.5
	4.0	170.0	170.0	170.0												4.0
	4.5	170.0	170.0	170.0	170.0	170.0										4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0							5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0			6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	9.0
	10.0	164.0	165.4	167.1	165.1	167.0	167.8	165.0	166.2	168.7	163.6	164.6	167.1	167.9	165.2	10.0
	11.0	149.9	151.1	152.8	150.8	152.7	153.5	150.7	151.8	154.4	149.2	150.2	152.8	153.6	150.9	11.0
	12.0	137.8	138.7	140.4	138.4	140.3	141.2	138.2	139.4	142.0	136.8	137.8	140.4	141.2	138.4	12.0
	14.0		118.4	120.2	118.0	120.0	120.9	117.8	119.0	121.7	116.3	117.3	120.0	120.9	118.0	14.0
	16.0		102.5	104.3	102.0	104.1	105.0	101.7	103.0	105.7	100.2	101.3	104.0	104.9	101.9	16.0
	18.0		72.1	74.0	89.2	91.3	92.3	88.8	90.1	92.9	87.2	88.3	91.2	92.1	88.9	18.0
	20.0				78.8	81.0	81.9	78.2	79.5	82.4	76.6	77.7	80.6	81.5	78.3	20.0
	22.0				67.4	69.2	70.5	69.4	70.7	73.6	67.8	68.9	71.8	72.7	69.4	22.0
	24.0							62.0	63.4	66.3	60.3	61.4	64.4	65.3	61.9	24.0
	26.0							55.8	57.2	60.2	53.9	55.1	58.1	59.0	55.5	26.0
	28.0										48.5	49.7	52.7	53.6	50.0	28.0
	30.0										43.9	45.0	48.0	49.0	45.2	30.0
	32.0														41.0	32.0
	34.0														37.4	34.0
	36.0														27.7	36.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~79	0~80	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	



4段ESP+0.5mHH		164 t	9.7m x 9.0m		360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
	2.7																2.7
	3.0	170.0															3.0
	3.5	170.0	170.0	170.0													3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0										4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0										4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0							5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0			6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	9.0
	10.0	157.2	158.6	160.3	158.3	160.1	161.0	158.2	159.3	161.9	156.8	157.7	160.3	161.1	158.4	160.7	10.0
	11.0	143.4	144.6	146.3	144.2	146.2	147.0	144.1	145.3	147.9	142.7	143.7	146.3	147.1	144.3	146.7	11.0
	12.0	131.6	132.5	134.2	132.1	134.1	135.0	132.0	133.2	135.8	130.5	131.6	134.2	135.1	132.2	134.6	12.0
	14.0		112.7	114.5	112.3	114.3	115.3	112.1	113.3	116.0	110.6	111.7	114.4	115.3	112.3	114.7	14.0
	16.0		97.3	99.1	96.8	98.9	99.8	96.5	97.8	100.5	95.0	96.0	98.8	99.7	96.7	99.1	16.0
	18.0		72.1	74.0	84.4	86.5	87.5	84.0	85.3	88.1	82.4	83.5	86.4	87.3	84.1	86.6	18.0
	20.0				74.4	76.5	77.5	73.8	75.1	77.9	72.1	73.3	76.1	77.1	73.8	76.4	20.0
	22.0				66.2	68.4	69.4	65.3	66.6	69.5	63.6	64.7	67.6	68.6	65.3	67.8	22.0
	24.0							58.1	59.5	62.4	56.4	57.5	60.5	61.4	58.0	60.6	24.0
	26.0							52.2	53.5	56.5	50.3	51.4	54.4	55.4	51.8	54.4	26.0
	28.0										45.0	46.2	49.2	50.2	46.5	49.1	28.0
	30.0										40.6	41.8	44.8	45.8	41.9	44.5	30.0
	32.0														37.9	40.5	32.0
	34.0														34.4	37.1	34.0
	36.0														27.7	30.0	36.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESP+0.5mHH		127 t	9.7m x 9.0m		360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m
	2.7																2.7
	3.0	170.0															3.0
	3.5	170.0	170.0	170.0													3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0										4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0										4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0							5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0			6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	8.0
	9.0	164.4	166.1	167.7	165.7	167.6	168.4	165.7	166.8	169.3	164.2	165.2	167.8	168.5	165.9	168.1	9.0
	10.0	148.7	150.1	151.8	149.8	151.7	152.5	149.7	150.9	153.4	148.2	149.2	151.9	152.7	149.9	152.2	10.0
	11.0	135.3	136.5	138.2	136.2	138.1	139.0	136.1	137.3	139.9	134.6	135.6	138.3	139.1	136.3	138.6	11.0
	12.0	123.9	124.8	126.6	124.4	126.4	127.3	124.3	125.5	128.2	122.8	123.8	126.6	127.4	124.5	126.9	12.0
	14.0		105.7	107.5	105.3	107.3	108.3	105.1	106.3	109.1	103.5	104.6	107.4	108.3	105.3	107.7	14.0
	16.0		90.8	92.7	90.4	92.4	93.4	90.0	91.3	94.1	88.5	89.6	92.4	93.3	90.2	92.7	16.0
	18.0		72.1	74.0	78.5	80.6	81.6	78.0	79.3	82.2	76.4	77.5	80.4	81.3	78.1	80.7	18.0
	20.0				68.8	71.0	72.0	68.2	69.5	72.4	66.5	67.7	70.6	71.5	68.3	70.8	20.0
	22.0				61.0	63.2	64.3	60.0	61.4	64.3	58.2	59.4	62.5	63.4	60.0	62.6	22.0
	24.0							51.9	53.3	56.3	50.2	51.3	54.3	55.3	51.8	54.4	24.0
	26.0							45.3	46.8	49.8	43.2	44.5	47.7	48.7	45.0	47.7	26.0
	28.0										37.4	38.7	42.0	43.1	39.1	42.0	28.0
	30.0										32.6	33.9	37.3	38.3	34.1	37.0	30.0
	32.0														30.0	32.8	32.0
	34.0														26.5	29.3	34.0
	36.0														23.6	26.4	36.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム



 4段ESP+0.5mHH	 94 t	 9.7m x 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m	
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m	
 m	2.7															2.7	
	3.0	170.0														3.0	
	3.5	170.0	170.0	170.0												3.5	
	4.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0	
	4.5	170.0	170.0	170.0	170.0	170.0	170.0									4.5	
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0							5.0	
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0			6.0	
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	7.0	
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	8.0	
	9.0	155.5	157.1	158.8	156.8	158.7	159.5	156.7	157.9	160.4	155.3	156.3	158.9	159.7	156.9	159.2	9.0
	10.0	140.2	141.6	143.4	141.3	143.2	144.1	141.2	142.4	145.0	139.7	140.8	143.4	144.2	141.4	143.8	10.0
	11.0	127.2	128.4	130.2	128.1	130.1	131.0	128.0	129.2	131.9	126.5	127.5	130.2	131.1	128.2	130.6	11.0
	12.0	116.2	117.1	118.9	116.7	118.8	119.7	116.6	117.8	120.6	115.1	116.1	118.9	119.8	116.8	119.2	12.0
	14.0		98.6	100.5	98.3	100.3	101.3	98.0	99.3	102.1	96.5	97.6	100.4	101.3	98.2	100.7	14.0
	16.0		82.3	84.5	81.7	84.2	85.3	81.4	82.9	86.1	79.5	80.8	84.1	85.2	81.6	84.5	16.0
	18.0		68.0	70.2	67.2	69.6	70.7	66.7	68.2	71.3	64.9	66.2	69.4	70.4	66.9	69.7	18.0
	20.0				56.1	58.6	59.7	55.4	56.9	60.1	53.4	54.8	58.1	59.2	55.5	58.4	20.0
	22.0				47.3	49.9	51.1	46.2	47.8	51.2	44.3	45.6	49.1	50.2	46.3	49.3	22.0
	24.0							39.0	40.6	44.0	37.0	38.4	41.8	42.9	38.9	41.9	24.0
	26.0							33.3	34.9	38.2	31.2	32.5	35.9	37.0	33.0	36.0	26.0
	28.0										26.5	27.8	31.1	32.2	28.1	31.0	28.0
	30.0										22.6	23.9	27.2	28.2	24.1	26.9	30.0
	32.0														20.6	23.5	32.0
	34.0														17.8	20.6	34.0
	36.0														15.4	18.3	36.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1	
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t	
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°	
	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16		
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

 4段ESP+0.5mHH	 0 t	 9.7m x 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	m	
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	m	
 m	2.7															2.7	
	3.0	50.0														3.0	
	3.5	50.0	50.0	50.0												3.5	
	4.0	50.0	50.0	50.0	50.0	50.0	50.0									4.0	
	4.5	50.0	50.0	50.0	50.0	50.0	50.0									4.5	
	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0						5.0	
	6.0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0			6.0	
	7.0	40.5	42.3	43.9	42.1	43.9	44.8	42.0	43.2	45.7	40.7	41.7	44.2	45.1	42.4	44.6	7.0
	8.0	33.1	34.8	36.5	34.6	36.5	37.4	34.5	35.7	38.3	33.2	34.2	36.8	37.7	34.9	37.1	8.0
	9.0	27.2	28.7	30.5	28.5	30.5	31.4	28.4	29.6	32.3	27.0	28.1	30.7	31.6	28.7	31.1	9.0
	10.0	22.3	23.7	25.4	23.5	25.5	26.4	23.3	24.6	27.3	21.9	23.0	25.7	26.6	23.7	26.0	10.0
	11.0	18.2	19.4	21.2	19.2	21.2	22.2	19.1	20.3	23.0	17.6	18.7	21.5	22.4	19.4	21.8	11.0
	12.0	14.8	15.8	17.6	15.6	17.6	18.6	15.4	16.7	19.4	14.0	15.1	17.8	18.8	15.7	18.2	12.0
	14.0		10.0	11.9	9.8	11.9	12.9	9.5	10.8	13.6	8.1	9.2	12.0	12.9	9.8	12.3	14.0
	16.0		5.7	7.6	5.4	7.5	8.5	5.0	6.3	9.2	3.5	4.7	7.5	8.5	5.3	7.8	16.0
	18.0			4.5		4.1	5.1			5.7			4.0	4.9		4.2	18.0
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	32.0																32.0
	34.0																34.0
	36.0																36.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1	
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t	
 °	0~82	0~82	0~82	0~82	0~82	0~82	37~82	30~82	0~82	53~82	51~82	42~82	37~82	58~82	52~82	°	
	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16		
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

						
4段ESP+0.5mSH		208 t	9.7m × 9.0m	AJ	360 °	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0																	3.0
	3.5																	3.5
	4.0																	4.0
	4.5																	4.5
	5.0																	5.0
	6.0	170.0	170.0	170.0														6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	9.0
	10.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	10.0
	11.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	11.0
	12.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	12.0
	14.0		149.3	150.9	149.3	151.0	151.8	148.7	149.8	152.2	147.5	148.4	150.8	151.6	148.7	150.9	148.5	14.0
	16.0		128.9	130.5	128.9	130.7	131.5	128.3	129.4	131.8	127.1	128.0	130.4	131.2	128.3	130.5	129.5	16.0
	18.0		74.6	76.4	112.9	114.7	115.5	112.3	113.4	115.8	111.1	112.0	114.5	115.2	112.3	114.5	113.4	18.0
	20.0				100.1	101.9	102.7	99.4	100.5	103.0	98.2	99.1	101.6	102.4	99.4	101.6	100.5	20.0
	22.0				70.0	71.8	73.0	88.8	89.9	92.4	87.6	88.5	91.0	91.8	88.8	91.0	89.9	22.0
	24.0							79.0	80.4	83.4	77.4	78.6	81.6	82.6	78.9	81.6	80.2	24.0
	26.0							60.0	61.0	63.9	68.6	69.7	72.7	73.7	70.0	72.6	71.3	26.0
	28.0										61.2	62.4	65.3	66.3	62.6	65.2	63.8	28.0
	30.0										50.6	51.5	53.9	55.0	56.4	58.9	57.5	30.0
	32.0														51.0	53.6	52.1	32.0
	34.0														44.8	47.0	47.5	34.0
	36.0														30.1	32.2	43.4	36.0
	38.0																39.9	38.0
	40.0																29.8	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~69	0~73	0~73	0~76	0~76	0~76	0~78	0~78	0~78	0~80	0~80	0~80	0~80	0~81	0~81	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP+0.5mSH		195 t	9.7m × 9.0m	AJ	360 °	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0																	3.0
	3.5																	3.5
	4.0																	4.0
	4.5	170.0																4.5
	5.0	170.0	170.0	170.0														5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	9.0
	10.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	10.0
	11.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	11.0
	12.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	12.0
	14.0		145.9	147.5	145.9	147.7	148.5	145.3	146.4	148.8	144.1	145.1	147.5	148.2	145.4	147.5	146.5	14.0
	16.0		126.0	127.6	125.9	127.7	128.6	125.3	126.4	128.9	124.1	125.1	127.5	128.3	125.4	127.5	126.5	16.0
	18.0		74.6	76.4	110.3	112.1	112.9	109.7	110.8	113.2	108.4	109.4	111.8	112.6	109.7	111.8	110.8	18.0
	20.0				97.7	99.5	100.4	97.0	98.1	100.6	95.8	96.7	99.2	100.0	97.1	99.2	98.2	20.0
	22.0				70.0	71.8	73.0	84.6	86.0	89.0	83.0	84.2	87.3	88.3	84.6	87.3	85.9	22.0
	24.0							74.3	75.7	78.7	72.7	73.9	76.9	77.9	74.2	76.9	75.5	24.0
	26.0							60.0	61.0	63.9	64.3	65.5	68.4	69.4	65.7	68.3	67.0	26.0
	28.0										57.3	58.5	61.4	62.4	58.7	61.3	59.9	28.0
	30.0										50.6	51.5	53.9	55.0	52.7	55.3	53.9	30.0
	32.0														47.7	50.2	48.8	32.0
	34.0														43.3	45.9	44.3	34.0
	36.0														30.1	32.2	40.5	36.0
	38.0																37.1	38.0
	40.0																29.8	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~74	0~77	0~77	0~79	0~79	0~79	0~80	0~80	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム

 4段ESP+0.5mSH	 164 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
 m	3.0	170.0															3.0
	3.5	170.0	170.0														3.5
	4.0	170.0	170.0	170.0													4.0
	4.5	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	9.0
	10.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	10.0
	11.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	11.0
	12.0	163.0	163.2	164.8	163.2	165.0	165.8	162.6	163.7	166.1	161.4	162.3	164.7	165.5	162.7	164.8	157.0
	14.0		138.1	139.7	138.1	139.9	140.7	137.5	138.6	141.0	136.3	137.3	139.7	140.5	137.6	139.7	138.7
	16.0		118.8	120.7	118.8	120.9	121.7	118.0	119.4	122.0	116.3	117.6	120.7	121.4	118.0	120.7	119.5
	18.0			74.6	99.3	101.7	102.8	98.5	100.0	103.1	96.9	98.2	101.3	102.4	98.6	101.4	100.0
	20.0					84.7	87.0	88.1	83.9	85.3	88.4	82.3	83.5	86.6	87.6	83.9	86.6
	22.0					70.0	71.8	73.0	72.5	73.9	76.9	70.9	72.1	75.1	76.1	72.4	75.1
	24.0								63.4	64.7	67.7	61.8	62.9	66.0	66.9	63.3	65.9
	26.0								56.0	57.3	60.3	54.3	55.5	58.5	59.4	55.8	58.4
	28.0											48.1	49.3	52.2	53.2	49.5	52.1
	30.0										43.0	44.1	47.1	48.0	44.3	46.8	45.4
	32.0														39.8	42.3	40.9
	34.0														36.0	38.5	37.0
	36.0														30.1	32.2	33.6
	38.0																30.7
	40.0																28.1
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
 t	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mSH	 127 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
 m	3.0	170.0															3.0
	3.5	170.0	170.0														3.5
	4.0	170.0	170.0	170.0													4.0
	4.5	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	9.0
	10.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	10.0
	11.0	167.4	167.6	169.1	167.6	169.3	170.0	167.0	168.1	170.0	165.8	166.7	169.1	169.9	167.0	169.1	157.0
	12.0	152.5	152.7	154.3	152.7	154.5	155.3	152.1	153.2	155.6	150.9	151.8	154.3	155.0	152.2	154.3	153.3
	14.0		120.3	122.6	120.3	122.9	124.0	119.5	121.0	124.5	117.8	119.1	122.6	123.6	119.6	122.6	121.2
	16.0		97.4	99.6	97.4	99.9	101.0	96.6	98.1	101.4	95.0	96.2	99.5	100.6	96.7	99.6	98.2
	18.0		74.6	76.4	81.0	83.3	84.4	80.1	81.6	84.8	78.6	79.8	83.0	84.0	80.2	83.0	81.7
	20.0				68.6	70.9	72.0	67.7	69.2	72.3	66.2	67.4	70.5	71.5	67.8	70.5	69.2
	22.0				59.0	61.3	62.4	58.1	59.5	62.5	56.5	57.7	60.8	61.8	58.1	60.8	59.4
	24.0							50.4	51.8	54.8	48.8	50.0	53.0	54.0	50.3	53.0	51.6
	26.0							44.2	45.6	48.5	42.5	43.7	46.7	47.6	44.0	46.6	45.3
	28.0										37.3	38.5	41.4	42.4	38.7	41.3	39.9
	30.0										33.0	34.1	37.1	38.0	34.3	36.8	35.4
	32.0														30.5	33.1	31.6
	34.0														27.3	29.8	28.3
	36.0														24.7	27.2	25.5
	38.0																23.0
	40.0																20.9
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
 t	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mSH	 94 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m	
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m	
 m	3.0	170.0															3.0	
	3.5	170.0	170.0														3.5	
	4.0	170.0	170.0	170.0													4.0	
	4.5	170.0	170.0	170.0	170.0	170.0											4.5	
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0	
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0	
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0	
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0	
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	9.0	
	10.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	169.6	170.0	170.0	170.0	170.0	170.0	157.0	10.0	
	11.0	145.9	146.2	148.7	146.2	149.0	150.2	145.2	147.0	150.7	143.3	144.8	148.6	149.8	145.3	148.7	147.1	11.0
	12.0	125.8	126.1	128.5	126.1	128.8	130.0	125.2	126.8	130.5	123.3	124.8	128.4	129.6	125.3	128.5	127.0	12.0
	14.0		97.6	99.8	97.6	100.1	101.3	96.7	98.3	101.7	95.0	96.4	99.8	100.9	96.8	99.9	98.4	14.0
	16.0		78.4	80.6	78.4	80.8	81.9	77.5	79.0	82.3	75.9	77.2	80.5	81.5	77.6	80.5	79.1	16.0
	18.0		64.7	66.9	64.6	66.9	68.0	63.7	65.2	68.4	62.1	63.4	66.6	67.6	63.8	66.6	65.3	18.0
	20.0				54.2	56.5	57.6	53.3	54.8	57.9	51.8	53.0	56.1	57.1	53.4	56.1	54.8	20.0
	22.0				46.2	48.5	49.6	45.3	46.7	49.7	43.7	44.9	48.0	48.9	45.3	47.9	46.6	22.0
	24.0							38.8	40.2	43.2	37.3	38.4	41.4	42.4	38.8	41.4	40.1	24.0
	26.0							33.7	35.0	38.0	32.0	33.2	36.1	37.1	33.5	36.1	34.7	26.0
	28.0										27.7	28.8	31.8	32.7	29.1	31.6	30.3	28.0
	30.0										24.1	25.2	28.1	29.1	25.4	27.9	26.5	30.0
	32.0														22.2	24.8	23.3	32.0
	34.0														19.6	22.1	20.6	34.0
	36.0														17.4	19.9	18.2	36.0
	38.0																16.1	38.0
	40.0																14.4	40.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1	
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2	
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3	
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t	
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°	
	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14		
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

 4段ESP+0.5mSH	 57 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m	
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m	
 m	3.0	170.0															3.0	
	3.5	170.0	170.0	170.0													3.5	
	4.0	170.0	170.0	170.0	170.0	170.0	170.0										4.0	
	4.5	170.0	170.0	170.0	170.0	170.0	170.0										4.5	
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0							5.0	
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0	
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0	
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0	
	9.0	157.1	157.4	160.2	157.4	160.5	161.9	156.3	158.3	162.5	154.1	155.8	160.1	161.5	156.4	160.2	157.0	9.0
	10.0	128.8	129.1	131.7	129.1	132.1	133.4	128.1	130.0	133.9	126.1	127.7	131.7	133.0	128.2	131.8	130.2	10.0
	11.0	108.3	108.6	111.1	108.6	111.4	112.7	107.7	109.4	113.2	105.8	107.2	111.1	112.3	107.8	111.1	109.6	11.0
	12.0	92.7	93.0	95.4	93.0	95.7	96.9	92.1	93.8	97.4	90.3	91.7	95.4	96.5	92.2	95.4	93.9	12.0
	14.0		70.9	73.1	70.9	73.4	74.6	70.1	71.6	75.0	68.4	69.7	73.1	74.2	70.2	73.2	71.8	14.0
	16.0		56.0	58.2	56.0	58.4	59.6	55.2	56.7	60.0	53.6	54.9	58.1	59.2	55.3	58.2	56.8	16.0
	18.0		45.4	47.6	45.3	47.7	48.8	44.5	46.0	49.1	42.9	44.2	47.4	48.4	44.6	47.4	46.1	18.0
	20.0				37.3	39.6	40.7	36.5	37.9	41.0	34.9	36.1	39.2	40.3	36.5	39.3	37.9	20.0
	22.0				31.2	33.5	34.5	30.2	31.6	34.7	28.7	29.9	32.9	33.9	30.3	32.9	31.6	22.0
	24.0							25.3	26.7	29.7	23.7	24.9	27.9	28.9	25.2	27.9	26.5	24.0
	26.0							21.3	22.7	25.7	19.7	20.8	23.8	24.8	21.1	23.7	22.4	26.0
	28.0										16.3	17.5	20.4	21.4	17.7	20.3	19.0	28.0
	30.0										13.4	14.7	17.7	18.6	14.9	17.4	16.1	30.0
	32.0														12.3	15.0	13.5	32.0
	34.0														10.1	12.9	11.2	34.0
	36.0														8.3	11.1	9.3	36.0
	38.0																7.6	38.0
	40.0																6.2	40.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1	
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2	
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3	
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t	
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°	
	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14		
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

4段ESPブーム

 4段ESP+0.5mSH	 27 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
 m	3.0	170.0															3.0
	3.5	170.0	170.0	170.0													3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0										4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0										4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	145.2	145.5	148.6	145.6	149.0	150.6	144.4	146.6	151.2	142.1	143.9	148.6	150.1	144.6	148.8	146.9
	9.0	113.8	114.2	117.0	114.2	117.4	118.8	113.2	115.1	119.4	111.1	112.7	117.0	118.4	113.4	117.1	115.4
	10.0	92.4	92.7	95.4	92.8	95.7	97.1	91.8	93.6	97.6	89.9	91.4	95.4	96.7	92.0	95.5	93.9
	11.0	76.8	77.1	79.6	77.2	80.0	81.3	76.3	78.0	81.8	74.4	75.9	79.7	81.0	76.5	79.8	78.3
	12.0	65.0	65.3	67.7	65.4	68.1	69.3	64.5	66.2	69.8	62.7	64.2	67.8	69.0	64.7	67.9	66.4
	14.0		48.6	50.8	48.6	51.2	52.3	47.8	49.4	52.8	46.1	47.5	50.9	52.0	48.0	51.0	49.6
	16.0		37.3	39.5	37.4	39.8	40.9	36.5	38.0	41.3	35.0	36.2	39.5	40.6	36.7	39.6	38.2
	18.0		29.3	31.5	29.3	31.6	32.7	28.5	29.9	33.1	26.9	28.2	31.3	32.4	28.6	31.4	30.0
	20.0				23.2	25.5	26.6	22.4	23.8	26.9	20.9	22.1	25.2	26.2	22.5	25.2	23.9
	22.0				18.5	20.9	22.0	17.5	19.1	22.1	15.8	17.1	20.4	21.4	17.6	20.4	19.1
	24.0							13.4	15.0	18.3	11.7	13.0	16.5	17.5	13.4	16.4	14.9
	26.0							10.2	11.8	15.1	8.4	9.7	13.1	14.2	10.1	13.0	11.5
	28.0										5.7	7.0	10.4	11.4	7.4	10.3	8.7
	30.0										3.6	4.9	8.2	9.2	5.1	8.0	6.4
	32.0															6.0	4.4
	34.0															4.4	
	36.0																
	38.0																
	40.0																
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	14~82	0~82	25~82
 °	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14
 350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mSH	 0 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
 m	3.0	50.0															3.0
	3.5	50.0	50.0	50.0													3.5
	4.0	50.0	50.0	50.0	50.0	50.0	50.0										4.0
	4.5	50.0	50.0	50.0	50.0	50.0	50.0										4.5
	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0							5.0
	6.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0				6.0
	7.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		7.0
	8.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	8.0
	9.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	9.0
	10.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	10.0
	11.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.0	50.0	47.5	49.3	50.0	50.0	50.0	50.0	11.0
	12.0	39.6	40.1	43.0	40.3	43.5	45.0	39.3	41.3	45.5	37.3	39.0	43.3	44.7	39.6	43.4	41.7
	14.0		26.2	29.0	26.3	29.4	30.7	25.3	27.3	31.3	23.3	25.0	29.2	30.5	25.6	29.3	27.6
	16.0		17.2	19.8	17.3	20.2	21.6	16.4	18.2	22.1	14.5	16.1	20.0	21.3	16.6	20.1	18.5
	18.0		11.1	13.7	11.1	13.9	15.2	10.2	12.0	15.7	8.4	9.9	13.7	14.9	10.4	13.8	12.2
	20.0				6.6	9.4	10.7	5.7	7.5	11.1		5.5	9.1	10.3		9.1	
	22.0					6.0	7.3		4.0	7.6			5.6	6.8		5.6	
	24.0									4.9				4.0			
	26.0																
	28.0																
	30.0																
	32.0																
	34.0																
	36.0																
	38.0																
	40.0																
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	24~82	7~82	0~82	49~82	45~82	31~82	19~82	54~82	46~82	57~82	°
 °	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
 350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP+0.5mSH		208 t	9.7m × 9.0m		360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0																	3.0
	3.5																	3.5
	4.0																	4.0
	4.5																	4.5
	5.0																	5.0
	6.0	170.0	170.0	170.0														6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	169.7	170.0	170.0	170.0	170.0	170.0	157.0	9.0
	10.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	169.7	170.0	170.0	170.0	170.0	170.0	157.0	10.0
	11.0	156.9	157.1	158.8	157.1	159.0	159.8	156.5	157.6	160.2	155.2	156.2	158.7	159.5	156.5	158.8	157.0	11.0
	12.0	144.4	144.6	146.3	144.5	146.5	147.3	143.9	145.1	147.7	142.6	143.6	146.2	147.1	144.0	146.3	145.2	12.0
	14.0		123.9	125.7	123.9	125.9	126.8	123.2	124.4	127.1	121.9	122.9	125.6	126.5	123.3	125.7	124.5	14.0
	16.0		107.7	109.5	107.6	109.7	110.6	107.0	108.2	110.9	105.6	106.7	109.4	110.3	107.0	109.4	108.3	16.0
	18.0		74.6	76.4	94.6	96.7	97.6	93.9	95.1	97.9	92.5	93.5	96.4	97.3	93.9	96.4	95.2	18.0
	20.0				83.9	86.0	87.0	83.1	84.4	87.2	81.7	82.8	85.6	86.5	83.1	85.6	84.4	20.0
	22.0				70.0	71.8	73.0	74.1	75.4	78.3	72.7	73.8	76.7	77.6	74.1	76.6	75.4	22.0
	24.0							66.6	67.9	70.8	65.0	66.2	69.1	70.0	66.5	69.0	67.8	24.0
	26.0							60.0	61.0	63.9	58.5	59.7	62.6	63.6	60.0	62.5	61.2	26.0
	28.0										52.9	54.1	57.1	58.0	54.3	56.9	55.6	28.0
	30.0										48.1	49.3	52.3	53.3	49.4	52.0	50.6	30.0
	32.0														45.1	47.8	46.3	32.0
	34.0														41.4	44.0	42.4	34.0
	36.0														30.1	32.2	39.0	36.0
	38.0																36.0	38.0
	40.0																29.8	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~69	0~73	0~73	0~76	0~76	0~76	0~78	0~78	0~78	0~80	0~80	0~80	0~80	0~81	0~81	0~82	°
	m	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP+0.5mSH		195 t	9.7m × 9.0m		360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0																	3.0
	3.5																	3.5
	4.0																	4.0
	4.5	170.0																4.5
	5.0	170.0	170.0	170.0														5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	9.0
	10.0	168.7	168.8	170.0	168.8	170.0	170.0	168.2	169.3	170.0	166.9	167.9	170.0	170.0	168.2	170.0	157.0	10.0
	11.0	154.3	154.5	156.2	154.5	156.4	157.2	153.8	155.0	157.5	152.5	153.5	156.1	156.9	153.9	156.2	155.1	11.0
	12.0	141.8	142.0	143.7	142.0	144.0	144.8	141.4	142.6	145.2	140.1	141.1	143.7	144.5	141.4	143.8	142.7	12.0
	14.0		121.6	123.4	121.6	123.6	124.5	120.9	122.1	124.8	119.6	120.6	123.3	124.2	121.0	123.4	122.2	14.0
	16.0		105.5	107.4	105.5	107.6	108.5	104.8	106.1	108.8	103.5	104.5	107.3	108.2	104.9	107.3	106.2	16.0
	18.0		74.6	76.4	92.6	94.7	95.7	91.9	93.2	96.0	90.5	91.6	94.4	95.3	91.9	94.4	93.2	18.0
	20.0				82.1	84.2	85.2	81.3	82.6	85.4	79.8	81.0	83.8	84.7	81.3	83.8	82.6	20.0
	22.0				70.0	71.8	73.0	72.4	73.8	76.6	71.0	72.1	75.0	75.9	72.4	75.0	73.7	22.0
	24.0							65.0	66.3	69.2	63.4	64.6	67.5	68.5	64.9	67.5	66.2	24.0
	26.0							58.7	60.0	63.0	57.0	58.2	61.1	62.1	58.5	61.1	59.7	26.0
	28.0										51.5	52.7	55.7	56.6	52.9	55.5	54.1	28.0
	30.0										46.8	47.9	51.0	51.9	48.1	50.7	49.3	30.0
	32.0														43.9	46.5	45.0	32.0
	34.0														40.2	42.8	41.2	34.0
	36.0														30.1	32.2	37.9	36.0
	38.0																34.9	38.0
	40.0																29.8	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~74	0~77	0~77	0~79	0~79	0~79	0~80	0~80	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
	m	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム

 4段ESP+0.5mSH	 164 t	 9.7m x 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
 m	3.0	170.0															3.0
	3.5	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	9.0
	10.0	161.8	162.0	163.7	162.0	163.9	164.7	161.4	162.5	165.0	160.1	161.0	163.6	164.4	161.4	163.6	10.0
	11.0	147.8	148.0	149.7	147.9	149.9	150.7	147.3	148.5	151.1	146.0	147.0	149.6	150.4	147.4	149.7	11.0
	12.0	135.6	135.8	137.6	135.8	137.8	138.6	135.2	136.4	139.0	133.8	134.9	137.5	138.4	135.2	137.6	12.0
	14.0		115.9	117.7	115.9	117.9	118.8	115.3	116.5	119.2	113.9	114.9	117.7	118.6	115.3	117.7	14.0
	16.0		100.3	102.2	100.3	102.4	103.3	99.6	100.9	103.7	98.2	99.3	102.1	103.0	99.7	102.2	16.0
	18.0		74.6	76.4	87.8	89.9	90.9	87.1	88.4	91.2	85.7	86.8	89.6	90.5	87.1	89.6	18.0
	20.0				77.6	79.7	80.7	76.8	78.1	81.0	75.4	76.5	79.4	80.3	76.8	79.4	20.0
	22.0				69.2	71.4	72.4	68.3	69.6	72.5	66.8	67.9	70.8	71.8	68.3	70.8	22.0
	24.0							61.1	62.4	65.4	59.5	60.7	63.6	64.6	61.0	63.6	24.0
	26.0							55.0	56.4	59.4	53.3	54.5	57.5	58.4	54.8	57.4	26.0
	28.0										48.0	49.2	52.2	53.2	49.4	52.1	28.0
	30.0										43.5	44.7	47.7	48.7	44.8	47.4	30.0
	32.0														40.7	43.4	32.0
	34.0														37.2	39.9	34.0
	36.0														30.1	32.2	36.0
	38.0																38.0
	40.0																40.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
 m	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mSH	 127 t	 9.7m x 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
 m	3.0	170.0															3.0
	3.5	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	169.3	169.5	170.0	169.4	170.0	170.0	168.8	170.0	170.0	167.5	168.5	170.0	170.0	168.9	170.0	9.0
	10.0	153.3	153.5	155.2	153.5	155.4	156.3	152.9	154.0	156.6	151.5	152.6	155.2	156.0	152.9	155.2	10.0
	11.0	139.7	139.9	141.6	139.9	141.8	142.7	139.2	140.4	143.0	137.9	138.9	141.6	142.4	139.3	141.6	11.0
	12.0	127.9	128.1	129.9	128.1	130.1	131.0	127.5	128.7	131.3	126.1	127.2	129.9	130.7	127.5	129.9	12.0
	14.0		108.9	110.7	108.9	110.9	111.9	108.2	109.5	112.2	106.8	107.9	110.7	111.6	108.3	110.7	14.0
	16.0		93.9	95.8	93.9	96.0	96.9	93.2	94.4	97.3	91.7	92.9	95.7	96.6	93.2	95.7	16.0
	18.0		74.6	76.4	81.8	84.0	84.9	81.1	82.4	85.3	79.7	80.8	83.7	84.6	81.2	83.7	18.0
	20.0				72.0	74.2	75.2	71.2	72.6	75.5	69.8	70.9	73.8	74.8	71.3	73.8	20.0
	22.0				63.4	65.7	66.8	62.5	63.9	66.9	60.9	62.1	65.2	66.1	62.5	65.1	22.0
	24.0							54.3	55.7	58.7	52.8	53.9	56.9	57.9	54.3	56.9	24.0
	26.0							47.8	49.1	52.1	45.9	47.3	50.3	51.2	47.6	50.2	26.0
	28.0										40.1	41.4	44.7	45.7	41.7	44.6	28.0
	30.0										35.2	36.5	39.8	40.9	36.7	39.6	30.0
	32.0														32.5	35.4	32.0
	34.0														29.0	31.8	34.0
	36.0														26.0	28.8	36.0
	38.0																38.0
	40.0																40.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
 m	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m		15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0					6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	160.4	160.6	162.2	160.5	162.4	163.3	159.9	161.1	163.6	158.6	159.6	162.2	163.0	159.9	162.2	157.0	9.0
	10.0	144.9	145.0	146.8	145.0	147.0	147.8	144.4	145.6	148.2	143.0	144.1	146.7	147.6	144.4	146.8	145.7	10.0
	11.0	131.6	131.8	133.6	131.8	133.8	134.7	131.2	132.4	135.0	129.8	130.8	133.6	134.4	131.2	133.6	132.5	11.0
	12.0	120.2	120.4	122.2	120.4	122.5	123.4	119.8	121.0	123.7	118.4	119.5	122.2	123.1	119.8	122.3	121.1	12.0
	14.0		101.9	103.7	101.9	103.9	104.9	101.2	102.5	105.2	99.8	100.9	103.7	104.6	101.3	103.7	102.6	14.0
	16.0		84.9	87.1	84.8	87.3	88.4	84.0	85.5	88.8	82.4	83.7	87.0	88.0	84.1	87.0	85.6	16.0
	18.0		70.3	72.4	70.1	72.5	73.6	69.3	70.8	73.9	67.7	69.0	72.2	73.2	69.4	72.2	70.8	18.0
	20.0				58.9	61.2	62.3	58.0	59.5	62.6	56.4	57.6	60.8	61.9	58.0	60.8	59.5	20.0
	22.0				49.9	52.4	53.5	48.9	50.5	53.6	47.2	48.5	51.8	52.8	49.0	51.8	50.4	22.0
	24.0							41.6	43.2	46.5	39.9	41.2	44.7	45.7	41.6	44.6	43.1	24.0
	26.0							35.8	37.4	40.7	34.0	35.3	38.7	39.7	35.7	38.6	37.1	26.0
	28.0										29.1	30.5	33.8	34.8	30.7	33.7	32.1	28.0
30.0										25.1	26.4	29.8	30.8	26.6	29.5	28.0	30.0	
32.0														23.2	26.0	24.4	32.0	
34.0														20.2	23.1	21.4	34.0	
36.0														17.8	20.7	18.8	36.0	
38.0																16.6	38.0	
40.0																14.7	40.0	
	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1	
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2	
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3	
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	16	16	14		
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m		15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	166.0	166.2	167.9	166.2	168.1	168.9	165.6	166.7	169.2	164.2	165.2	167.8	168.6	165.6	167.9	157.0	8.0
	9.0	148.3	148.4	150.2	148.4	150.4	151.2	147.8	149.0	151.6	146.4	147.5	150.1	151.0	147.8	150.2	149.1	9.0
	10.0	133.3	133.5	135.3	133.5	135.5	136.4	132.9	134.1	136.8	131.5	132.6	135.3	136.1	132.9	135.3	134.2	10.0
	11.0	119.2	119.5	122.0	119.5	122.3	123.6	118.6	120.3	124.1	116.7	118.2	122.0	123.2	118.7	122.1	120.5	11.0
	12.0	102.3	102.6	105.0	102.6	105.3	106.5	101.7	103.4	107.0	99.9	101.3	105.0	106.1	101.8	105.1	103.6	12.0
	14.0		77.8	80.2	77.8	80.5	81.7	76.9	78.6	82.2	75.1	76.6	80.2	81.4	77.0	80.3	78.8	14.0
	16.0		60.8	63.1	60.8	63.3	64.5	59.9	61.5	64.9	58.2	59.5	63.0	64.1	60.0	63.0	61.6	16.0
	18.0		48.9	51.2	48.8	51.2	52.4	47.9	49.4	52.7	46.1	47.6	50.9	52.0	48.0	50.9	49.5	18.0
	20.0				39.7	42.3	43.4	38.8	40.4	43.7	37.0	38.4	42.0	43.0	38.9	42.0	40.5	20.0
	22.0				32.8	35.4	36.6	31.8	33.4	36.8	30.0	31.4	34.9	36.0	31.8	34.9	33.4	22.0
	24.0							26.2	27.8	31.2	24.5	25.8	29.3	30.3	26.2	29.2	27.7	24.0
	26.0							21.8	23.4	26.8	20.0	21.3	24.7	25.8	21.7	24.6	23.1	26.0
	28.0										16.4	17.7	21.0	22.1	18.0	20.9	19.4	28.0
	30.0										13.4	14.7	18.0	19.0	14.9	17.7	16.2	30.0
	32.0														12.3	15.1	13.5	32.0
	34.0														10.1	12.9	11.2	34.0
	36.0														8.3	11.1	9.3	36.0
	38.0																7.6	38.0
40.0																6.2	40.0	
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム

 4段ESP+0.5mSH	 27 t	 9.7m × 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
 m	3.0	170.0															3.0
	3.5	170.0	170.0														3.5
	4.0	170.0	170.0	170.0													4.0
	4.5	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	153.3	153.5	155.2	153.5	155.5	156.3	152.9	154.1	156.7	151.6	152.6	155.3	156.1	153.0	155.3	154.3
	9.0	128.8	129.2	132.0	129.2	132.4	133.8	128.2	130.1	134.4	126.1	127.8	132.1	133.4	128.4	132.2	130.4
	10.0	104.7	105.1	108.0	105.2	108.4	109.7	104.1	106.1	110.3	101.9	103.6	108.1	109.4	104.3	108.2	106.4
	11.0	85.4	85.7	88.5	85.8	88.9	90.3	84.8	86.7	90.8	82.8	84.4	88.6	89.9	85.0	88.7	87.0
	12.0	71.2	71.5	74.1	71.6	74.5	75.8	70.7	72.4	76.4	68.7	70.3	74.2	75.5	70.8	74.3	72.7
	14.0		52.1	54.5	52.2	54.9	56.1	51.3	53.0	56.6	49.5	51.0	54.6	55.8	51.5	54.7	53.2
	16.0		39.4	41.8	39.5	42.1	43.3	38.6	40.3	43.7	36.7	38.2	41.8	42.9	38.7	41.9	40.5
	18.0		30.3	32.8	30.3	33.0	34.2	29.4	31.1	34.7	27.6	29.1	32.7	33.9	29.6	32.8	31.2
	20.0				23.5	26.2	27.4	22.7	24.3	27.8	20.9	22.3	25.9	27.0	22.8	25.9	24.4
	22.0				18.5	21.1	22.3	17.5	19.1	22.5	15.8	17.1	20.6	21.7	17.6	20.6	19.1
	24.0							13.4	15.0	18.4	11.7	13.0	16.5	17.5	13.4	16.4	14.9
	26.0							10.2	11.8	15.1	8.4	9.7	13.1	14.2	10.1	13.0	11.5
	28.0										5.7	7.0	10.4	11.4	7.4	10.3	8.7
	30.0										3.6	4.9	8.2	9.2	5.1	8.0	6.4
	32.0															6.0	4.4
	34.0															4.4	
	36.0																
	38.0																
	40.0																
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	14~82	0~82	25~82	°
	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mSH	 0 t	 9.7m × 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
 m	3.0	50.0															3.0
	3.5	50.0	50.0	50.0													3.5
	4.0	50.0	50.0	50.0	50.0	50.0											4.0
	4.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								4.5
	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0				5.0
	6.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0			6.0
	7.0	45.2	45.5	47.2	45.6	47.4	48.3	45.0	46.1	48.7	43.8	44.8	47.3	48.1	45.2	47.4	7.0
	8.0	37.8	38.0	39.7	38.1	40.0	40.9	37.5	38.7	41.3	36.3	37.3	39.9	40.8	37.7	40.0	8.0
	9.0	31.7	31.9	33.7	32.0	34.0	34.9	31.4	32.6	35.3	30.2	31.2	33.9	34.7	31.6	34.0	9.0
	10.0	26.6	26.9	28.7	27.0	29.0	29.9	26.4	27.6	30.3	25.1	26.2	28.9	29.8	26.6	28.9	10.0
	11.0	22.3	22.6	24.5	22.7	24.8	25.7	22.1	23.4	26.1	20.8	21.9	24.6	25.5	22.3	24.7	11.0
	12.0	18.6	19.0	20.9	19.1	21.1	22.1	18.5	19.7	22.5	17.2	18.2	21.0	21.9	18.7	21.1	12.0
	14.0		13.1	15.0	13.3	15.3	16.3	12.6	13.9	16.7	11.3	12.4	15.2	16.1	12.8	15.3	14.0
	16.0		8.7	10.6	8.8	10.9	11.9	8.1	9.4	12.3	6.7	7.8	10.7	11.7	8.3	10.8	16.0
	18.0		5.2	7.2	5.2	7.4	8.4	4.5	5.8	8.7		4.3	7.2	8.1	4.7	7.2	18.0
	20.0					4.6	5.6			5.9			4.3	5.3		4.3	20.0
	22.0									3.6							22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	32.0																32.0
	34.0																34.0
	36.0																36.0
	38.0																38.0
	40.0																40.0
 %	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
°	0~82	0~82	0~82	0~82	0~82	0~82	25~82	14~82	0~82	49~82	46~82	32~82	22~82	54~82	46~82	57~82	°
	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP+0.5mSH		127 t	9.7m × 8.0m		360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0					6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0			7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	163.8	164.0	165.7	163.9	165.8	166.7	163.3	164.5	167.0	162.0	163.0	165.6	166.4	163.3	165.6	157.0	9.0
	10.0	148.1	148.3	150.0	148.2	150.2	151.0	147.6	148.8	151.4	146.3	147.3	149.9	150.7	147.6	150.0	148.9	10.0
	11.0	134.7	134.9	136.6	134.9	136.8	137.7	134.2	135.4	138.1	132.9	133.9	136.6	137.4	134.3	136.6	135.5	11.0
	12.0	123.1	123.3	125.1	123.3	125.4	126.3	122.7	123.9	126.6	121.3	122.4	125.1	126.0	122.7	125.2	124.0	12.0
	14.0		104.5	106.4	104.5	106.6	107.5	103.9	105.1	107.9	102.5	103.5	106.4	107.2	103.9	106.4	105.2	14.0
	16.0		89.9	91.8	89.9	92.0	93.0	89.2	90.5	93.3	87.8	88.9	91.7	92.6	89.2	91.8	90.6	16.0
	18.0		74.6	76.4	78.2	80.3	81.3	77.4	78.8	81.6	75.9	77.1	80.0	81.0	77.5	80.0	78.8	18.0
	20.0				66.1	68.4	69.5	65.3	66.7	69.8	63.7	64.9	68.0	69.0	65.3	68.0	66.7	20.0
	22.0				56.7	59.0	60.0	55.8	57.2	60.2	54.1	55.4	58.4	59.4	55.8	58.4	57.1	22.0
	24.0							48.0	49.5	52.6	46.3	47.6	50.8	51.8	47.9	50.8	49.4	24.0
	26.0							41.7	43.2	46.5	39.9	41.2	44.5	45.6	41.6	44.4	43.0	26.0
	28.0										34.7	36.0	39.2	40.3	36.2	39.1	37.6	28.0
	30.0										30.3	31.6	34.9	35.9	31.8	34.6	33.1	30.0
	32.0														28.0	30.8	29.3	32.0
	34.0														24.8	27.6	26.0	34.0
	36.0														22.2	25.0	23.1	36.0
	38.0																20.6	38.0
	40.0																18.6	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~81	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
	m	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP+0.5mSH		94 t	9.7m × 8.0m		360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0					6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	8.0
	9.0	154.3	154.5	156.2	154.4	156.4	157.2	153.8	155.0	157.6	152.5	153.5	156.1	156.9	153.8	156.2	155.1	9.0
	10.0	139.1	139.3	141.0	139.3	141.2	142.1	138.6	139.8	142.5	137.2	138.3	141.0	141.8	138.7	141.0	139.9	10.0
	11.0	126.1	126.3	128.1	126.3	128.3	129.2	125.7	126.9	129.6	124.3	125.4	128.1	129.0	125.7	128.1	127.0	11.0
	12.0	115.0	115.2	117.1	115.2	117.3	118.2	114.6	115.8	118.6	113.2	114.3	117.0	117.9	114.6	117.1	115.9	12.0
	14.0		94.0	96.3	94.0	96.5	97.7	93.1	94.7	98.1	91.4	92.8	96.2	97.3	93.2	96.3	94.8	14.0
	16.0		74.9	77.2	74.9	77.4	78.5	74.1	75.6	78.9	72.5	73.8	77.1	78.1	74.2	77.1	75.7	16.0
	18.0		61.5	63.7	61.4	63.7	64.8	60.6	62.0	65.2	59.0	60.2	63.4	64.4	60.6	63.4	62.1	18.0
	20.0				51.2	53.6	54.6	50.3	51.8	54.9	48.6	50.0	53.2	54.2	50.4	53.2	51.9	20.0
	22.0				43.2	45.8	46.8	42.2	43.8	47.0	40.5	41.9	45.2	46.2	42.3	45.2	43.8	22.0
	24.0							35.8	37.3	40.6	34.1	35.4	38.7	39.8	35.8	38.7	37.2	24.0
	26.0							30.6	32.2	35.4	28.8	30.1	33.4	34.5	30.5	33.4	31.9	26.0
	28.0										24.5	25.8	29.1	30.1	26.1	29.0	27.5	28.0
	30.0										21.0	22.2	25.5	26.5	22.4	25.3	23.7	30.0
	32.0														19.3	22.1	20.6	32.0
	34.0														16.7	19.5	17.8	34.0
	36.0														14.6	17.4	15.5	36.0
	38.0																13.5	38.0
	40.0																11.8	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
	m	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム

 4段ESP+0.5mSH	 57 t	 9.7m x 8.0m	 360°	 JPN
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	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	158.8	159.0	160.7	159.0	160.9	161.7	158.3	159.5	162.1	157.0	158.0	160.6	161.5	158.4	160.7	157.0	8.0
	9.0	141.5	141.7	143.4	141.6	143.6	144.5	141.0	142.2	144.9	139.6	140.7	143.4	144.2	141.1	143.4	142.3	9.0
	10.0	123.8	124.0	126.8	124.0	127.1	128.5	123.1	124.9	129.0	121.0	122.6	126.7	128.0	123.1	126.8	125.1	10.0
	11.0	103.0	103.3	105.9	103.4	106.2	107.5	102.4	104.2	108.0	100.5	102.0	105.9	107.1	102.5	106.0	104.4	11.0
	12.0	87.5	87.8	90.3	87.9	90.6	91.8	87.0	88.6	92.3	85.1	86.6	90.3	91.4	87.1	90.3	88.8	12.0
	14.0		66.1	68.4	66.2	68.7	69.9	65.3	66.9	70.3	63.6	65.0	68.4	69.5	65.4	68.5	67.1	14.0
	16.0		51.8	54.0	51.8	54.2	55.3	50.9	52.4	55.7	49.2	50.6	53.9	54.9	51.0	53.9	52.6	16.0
	18.0		41.4	43.8	41.3	43.9	44.9	40.4	42.1	45.3	38.7	40.1	43.5	44.6	40.5	43.6	42.1	18.0
	20.0				33.4	36.0	37.1	32.5	34.1	37.5	30.8	32.1	35.6	36.7	32.6	35.6	34.1	20.0
	22.0				27.3	29.9	31.1	26.4	27.9	31.3	24.7	26.0	29.4	30.5	26.4	29.4	27.9	22.0
	24.0							21.5	23.1	26.4	19.8	21.1	24.5	25.5	21.5	24.4	23.0	24.0
	26.0							17.7	19.2	22.5	15.9	17.2	20.5	21.5	17.5	20.4	18.9	26.0
	28.0										12.6	13.9	17.2	18.2	14.2	17.1	15.6	28.0
	30.0										10.0	11.3	14.5	15.5	11.5	14.3	12.8	30.0
	32.0														9.1	11.9	10.4	32.0
	34.0														7.2	10.0	8.3	34.0
	36.0														5.6	8.4	6.6	36.0
	38.0																5.1	38.0
	40.0																3.9	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mSH	 27 t	 9.7m x 8.0m	 360°	 JPN
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	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	165.7	165.8	167.5	165.8	167.7	168.6	165.2	166.4	168.9	163.9	164.9	167.5	168.3	165.3	167.6		7.0
	8.0	138.2	138.6	141.8	138.6	142.2	143.9	137.4	139.6	144.5	134.9	136.8	141.8	143.4	137.5	141.9	139.9	8.0
	9.0	106.3	106.6	109.6	106.7	110.0	111.4	105.6	107.6	112.0	103.4	105.1	109.6	111.0	105.8	109.7	107.9	9.0
	10.0	85.0	85.4	88.1	85.4	88.5	89.8	84.4	86.3	90.4	82.4	84.0	88.1	89.5	84.6	88.2	86.6	10.0
	11.0	69.8	70.2	72.8	70.3	73.1	74.4	69.3	71.1	74.9	67.4	68.9	72.8	74.1	69.5	72.9	71.3	11.0
	12.0	58.5	58.8	61.3	58.9	61.6	62.9	58.0	59.7	63.3	56.2	57.6	61.3	62.5	58.2	61.4	59.9	12.0
	14.0		42.9	45.2	43.0	45.5	46.7	42.1	43.7	47.2	40.3	41.8	45.3	46.4	42.3	45.3	43.9	14.0
	16.0		32.0	34.5	32.1	34.8	36.0	31.2	32.9	36.4	29.4	30.9	34.5	35.7	31.4	34.6	33.1	16.0
	18.0		24.3	26.7	24.3	26.9	28.1	23.4	25.1	28.5	21.7	23.1	26.7	27.7	23.6	26.7	25.2	18.0
	20.0				18.5	21.1	22.2	17.6	19.2	22.6	15.9	17.3	20.8	21.8	17.8	20.8	19.3	20.0
	22.0				14.1	16.6	17.8	13.2	14.7	18.1	11.5	12.8	16.2	17.3	13.2	16.2	14.7	22.0
	24.0							9.6	11.2	14.5	7.9	9.2	12.6	13.6	9.6	12.6	11.1	24.0
	26.0							6.8	8.3	11.6	5.1	6.4	9.7	10.7	6.7	9.6	8.1	26.0
	28.0											4.0	7.3	8.3		7.2		28.0
	30.0												5.4	6.4		5.1		30.0
	32.0																	32.0
	34.0																	34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	18~82	0~82	0~82	0~82	32~82	0~82	40~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP+0.5mSH		0 t	9.7m x 8.0m		360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	50.0																3.0
	3.5	50.0	50.0	50.0														3.5
	4.0	50.0	50.0	50.0	50.0	50.0	50.0											4.0
	4.5	50.0	50.0	50.0	50.0	50.0	50.0											4.5
	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								5.0
	6.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.2	50.0	50.0	50.0				6.0
	7.0	41.6	41.8	43.5	41.9	43.8	44.7	41.3	42.5	45.1	40.1	41.1	43.7	44.5	41.5	43.8		7.0
	8.0	34.4	34.6	36.4	34.7	36.7	37.6	34.1	35.3	37.9	32.9	33.9	36.5	37.4	34.3	36.6	35.6	8.0
	9.0	28.5	28.8	30.6	28.9	30.9	31.8	28.2	29.5	32.2	26.9	27.9	30.7	31.6	28.4	30.8	29.8	9.0
	10.0	23.5	23.9	25.7	24.0	26.0	26.9	23.3	24.6	27.3	22.0	23.1	25.8	26.7	23.5	25.9	24.8	10.0
	11.0	19.4	19.8	21.6	19.9	21.9	22.9	19.2	20.5	23.3	17.9	19.0	21.8	22.7	19.4	21.9	20.8	11.0
	12.0	16.0	16.3	18.2	16.4	18.5	19.5	15.8	17.1	19.9	14.5	15.6	18.4	19.3	16.0	18.4	17.3	12.0
	14.0		10.8	12.7	10.9	13.0	14.0	10.2	11.5	14.4	8.9	10.0	12.8	13.8	10.4	12.9	11.7	14.0
	16.0		6.5	8.5	6.6	8.7	9.8	5.9	7.2	10.1	4.6	5.7	8.6	9.5	6.1	8.6	7.5	16.0
	18.0			5.3		5.4	6.5		3.9	6.8			5.2	6.2		5.3		18.0
	20.0						3.8			4.1				3.5				20.0
	22.0																	22.0
	24.0																	24.0
	26.0																	26.0
	28.0																	28.0
	30.0																	30.0
	32.0																	32.0
	34.0																	34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	38~82	30~82	0~82	55~82	52~82	42~82	37~82	59~82	52~82	62~82	°
	m	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP+0.5mSH		94 t	9.7m x 7.0m		360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	165.0	165.1	166.8	165.1	167.0	167.8	164.5	165.6	168.2	163.1	164.1	166.7	167.5	164.5	166.8	157.0	8.0
	9.0	147.3	147.4	149.2	147.4	149.4	150.2	146.8	148.0	150.6	145.4	146.4	149.1	149.9	146.8	149.1	148.1	9.0
	10.0	132.4	132.6	134.4	132.6	134.6	135.5	132.0	133.2	135.8	130.6	131.6	134.4	135.2	132.0	134.4	133.3	10.0
	11.0	119.9	120.1	121.9	120.1	122.1	123.0	119.4	120.6	123.4	118.0	119.1	121.8	122.7	119.5	121.9	120.8	11.0
	12.0	104.3	104.5	106.8	104.5	107.1	108.3	103.7	105.3	108.7	101.9	103.3	106.8	107.9	103.8	106.9	105.4	12.0
	14.0		80.7	82.9	80.7	83.2	84.3	79.9	81.4	84.7	78.3	79.6	82.9	83.9	80.0	82.9	81.5	14.0
	16.0		64.6	66.7	64.6	66.9	68.0	63.8	65.2	68.3	62.2	63.4	66.6	67.6	63.8	66.6	65.3	16.0
	18.0		53.0	55.1	52.9	55.2	56.2	52.1	53.5	56.6	50.4	51.7	54.8	55.8	52.2	54.9	53.6	18.0
	20.0				43.8	46.3	47.4	43.0	44.5	47.7	41.3	42.6	46.0	46.9	43.1	46.0	44.6	20.0
	22.0				36.8	39.3	40.5	35.9	37.4	40.7	34.2	35.5	38.8	39.9	35.9	38.8	37.4	22.0
	24.0							30.2	31.7	35.0	28.5	29.8	33.1	34.1	30.2	33.1	31.6	24.0
	26.0							25.7	27.2	30.4	23.9	25.2	28.4	29.4	25.5	28.4	26.9	26.0
	28.0										20.1	21.4	24.6	25.6	21.6	24.4	23.0	28.0
	30.0										16.9	18.2	21.4	22.4	18.4	21.2	19.7	30.0
	32.0														15.6	18.4	16.8	32.0
	34.0														13.3	16.0	14.4	34.0
	36.0														11.4	14.1	12.3	36.0
	38.0																10.5	38.0
	40.0																9.0	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~81	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
	m	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム

 4段ESP+0.5mSH	 57 t	 9.7m × 7.0m	 360 °	 JPN
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	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	169.2	170.0	170.0	170.0	170.0	170.0		7.0
	8.0	150.5	150.7	152.4	150.7	152.6	153.5	150.0	151.2	153.8	148.7	149.7	152.4	153.2	150.1	152.4	151.3	8.0
	9.0	124.8	125.0	127.7	125.0	128.0	129.3	124.0	125.8	129.9	122.0	123.5	127.6	128.9	124.1	127.7	126.0	9.0
	10.0	102.3	102.6	105.1	102.6	105.4	106.6	101.6	103.4	107.1	99.7	101.2	105.0	106.2	101.7	105.1	103.5	10.0
	11.0	85.8	86.1	88.5	86.1	88.8	90.0	85.2	86.9	90.5	83.4	84.8	88.5	89.6	85.3	88.5	87.1	11.0
	12.0	73.2	73.5	75.8	73.6	76.1	77.3	72.7	74.3	77.7	71.0	72.3	75.8	76.9	72.8	75.9	74.5	12.0
	14.0		55.6	57.8	55.6	58.1	59.2	54.8	56.3	59.6	53.2	54.5	57.8	58.8	54.9	57.8	56.5	14.0
	16.0		43.3	45.6	43.3	45.8	46.9	42.5	44.1	47.3	40.8	42.2	45.5	46.5	42.6	45.6	44.2	16.0
	18.0		34.3	36.7	34.3	36.8	38.0	33.4	35.0	38.4	31.7	33.1	36.5	37.6	33.5	36.5	35.1	18.0
	20.0				27.4	30.0	31.1	26.6	28.1	31.5	24.9	26.3	29.6	30.7	26.7	29.6	28.2	20.0
	22.0				22.2	24.7	25.8	21.3	22.8	26.1	19.6	20.9	24.2	25.3	21.3	24.2	22.8	22.0
	24.0							17.0	18.5	21.8	15.4	16.6	19.9	20.9	17.0	19.9	18.4	24.0
	26.0							13.6	15.1	18.4	11.9	13.2	16.4	17.4	13.5	16.3	14.9	26.0
	28.0										9.1	10.3	13.5	14.6	10.6	13.4	11.9	28.0
	30.0										6.7	8.0	11.2	12.2	8.2	11.0	9.5	30.0
	32.0														6.1	8.9	7.3	32.0
	34.0														4.4	7.2	5.5	34.0
	36.0															5.8	4.0	36.0
	38.0																	38.0
	40.0																	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mSH	 27 t	 9.7m × 7.0m	 360 °	 JPN
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	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	145.2	145.5	148.8	145.5	149.2	150.8	144.3	146.6	151.5	141.8	143.7	148.7	150.3	144.4	148.8		7.0
	8.0	108.2	108.5	111.4	108.5	111.8	113.2	107.5	109.5	113.8	105.3	107.0	111.4	112.8	107.6	111.5	109.7	8.0
	9.0	84.6	85.0	87.6	85.0	88.0	89.3	84.0	85.9	89.9	82.0	83.6	87.7	88.9	84.2	87.7	86.1	9.0
	10.0	68.3	68.7	71.2	68.7	71.5	72.8	67.8	69.5	73.3	65.9	67.4	71.2	72.4	68.0	71.3	69.8	10.0
	11.0	56.4	56.7	59.1	56.8	59.4	60.7	55.9	57.6	61.1	54.1	55.5	59.2	60.3	56.1	59.3	57.8	11.0
	12.0	47.3	47.6	49.9	47.7	50.2	51.4	46.8	48.4	51.9	45.1	46.5	50.0	51.1	47.0	50.0	48.6	12.0
	14.0		34.4	36.8	34.4	37.1	38.2	33.6	35.2	38.6	31.8	33.2	36.8	37.9	33.7	36.9	35.4	14.0
	16.0		25.2	27.6	25.3	27.9	29.0	24.4	26.1	29.5	22.7	24.1	27.6	28.7	24.6	27.7	26.2	16.0
	18.0		18.7	21.1	18.7	21.2	22.4	17.9	19.4	22.8	16.2	17.6	21.0	22.0	18.0	21.0	19.6	18.0
	20.0				13.7	16.2	17.4	12.9	14.5	17.8	11.3	12.6	15.9	17.0	13.0	16.0	14.5	20.0
	22.0				10.0	12.5	13.6	9.1	10.6	13.8	7.4	8.7	12.0	13.1	9.1	12.0	10.6	22.0
	24.0							6.0	7.5	10.8			8.9	9.9		8.9	7.5	24.0
	26.0							3.6	5.1	8.3			6.4	7.4		6.3		26.0
	28.0												4.3	5.3				28.0
	30.0													3.7				30.0
	32.0																	32.0
	34.0																	34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	36~82	28~82	0~82	0~82	44~82	29~82	48~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP+0.5mSH		0 t	9.7m x 7.0m		360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	50.0																3.0
	3.5	50.0	50.0	50.0														3.5
	4.0	50.0	50.0	50.0	50.0	50.0	50.0											4.0
	4.5	50.0	50.0	50.0	50.0	50.0	50.0											4.5
	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								5.0
	6.0	46.0	46.2	47.9	46.3	48.2	49.0	45.7	46.9	49.4	44.5	45.5	48.0	48.9				6.0
	7.0	37.3	37.5	39.2	37.6	39.5	40.4	37.0	38.2	40.8	35.7	36.8	39.4	40.3	37.2	39.5		7.0
	8.0	30.3	30.6	32.4	30.7	32.7	33.6	30.1	31.3	34.0	28.8	29.9	32.6	33.5	30.3	32.7	31.6	8.0
	9.0	24.8	25.1	26.9	25.2	27.2	28.1	24.5	25.8	28.5	23.2	24.3	27.0	28.0	24.7	27.1	26.0	9.0
	10.0	20.2	20.5	22.3	20.6	22.6	23.6	19.9	21.2	24.0	18.6	19.7	22.5	23.4	20.1	22.6	21.5	10.0
	11.0	16.3	16.6	18.5	16.7	18.8	19.8	16.1	17.4	20.2	14.8	15.9	18.7	19.6	16.3	18.8	17.6	11.0
	12.0	13.0	13.4	15.3	13.5	15.6	16.5	12.8	14.1	16.9	11.5	12.6	15.4	16.4	13.0	15.5	14.4	12.0
	14.0		8.1	10.1	8.3	10.4	11.4	7.6	8.9	11.8	6.2	7.3	10.2	11.2	7.8	10.3	9.1	14.0
	16.0		4.2	6.1	4.3	6.4	7.4	3.6	4.9	7.8			6.2	7.2		6.3		16.0
	18.0						4.3			4.7				4.1				18.0
	20.0																	20.0
	22.0																	22.0
	24.0																	24.0
	26.0																	26.0
	28.0																	28.0
	30.0																	30.0
	32.0																	32.0
	34.0																	34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	14~82	0~82	0~82	49~82	44~82	26~82	61~82	59~82	51~82	48~82	64~82	59~82	66~82	°
	m	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP+0.5mSH		57 t	9.7m x 5.8m		360°	JPN

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0				6.0
	7.0	155.1	155.2	158.0	155.1	158.3	159.7	154.1	156.0	160.2	151.9	153.5	157.8	159.1	154.1	157.9		7.0
	8.0	120.5	120.7	123.2	120.6	123.5	124.8	119.7	121.4	125.3	117.7	119.2	123.1	124.3	119.7	123.2	121.6	8.0
	9.0	97.2	97.4	99.8	97.4	100.1	101.3	96.5	98.2	101.8	94.7	96.1	99.8	100.9	96.6	99.9	98.4	9.0
	10.0	80.5	80.8	83.1	80.8	83.3	84.5	79.9	81.5	85.0	78.2	79.5	83.0	84.1	80.0	83.1	81.7	10.0
	11.0	68.0	68.2	70.4	68.2	70.7	71.8	67.4	68.9	72.3	65.7	67.1	70.4	71.5	67.5	70.5	69.1	11.0
	12.0	58.2	58.4	60.6	58.5	60.9	62.0	57.7	59.2	62.4	56.1	57.3	60.6	61.6	57.8	60.6	59.3	12.0
	14.0		44.1	46.3	44.1	46.5	47.6	43.3	44.9	48.0	41.6	43.0	46.3	47.3	43.5	46.3	45.0	14.0
	16.0		33.9	36.2	33.9	36.4	37.5	33.1	34.7	38.0	31.5	32.8	36.2	37.2	33.3	36.2	34.8	16.0
	18.0		26.5	28.8	26.5	28.9	30.0	25.7	27.2	30.4	24.0	25.3	28.6	29.7	25.8	28.7	27.3	18.0
	20.0				20.8	23.2	24.3	20.0	21.5	24.7	18.4	19.6	22.9	23.9	20.1	22.9	21.5	20.0
	22.0				16.4	18.8	19.9	15.5	17.0	20.1	13.9	15.2	18.4	19.4	15.5	18.4	17.0	22.0
	24.0							11.9	13.4	16.5	10.3	11.6	14.7	15.7	11.9	14.7	13.3	24.0
	26.0							9.1	10.5	13.7	7.4	8.6	11.8	12.8	8.9	11.7	10.3	26.0
	28.0										5.0	6.2	9.3	10.3	6.5	9.2	7.8	28.0
	30.0											4.2	7.3	8.3	4.4	7.1	5.6	30.0
	32.0															5.3		32.0
	34.0															3.9		34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	16~82	0~82	27~82	°
	m	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム

 4段ESP+0.5mSH	 27 t	 9.7m x 5.8m	 360°	 JPN
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	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	170.0																3.0
	3.5	170.0	170.0	170.0														3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0											4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0											4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								5.0
	6.0	145.4	145.6	148.7	145.5	149.1	150.7	144.4	146.5	151.3	141.9	143.8	148.6	150.1				6.0
	7.0	104.7	104.9	107.7	104.9	108.0	109.4	103.9	105.8	110.0	101.8	103.4	107.7	109.0	104.0	107.8		7.0
	8.0	79.9	80.2	82.8	80.2	83.1	84.4	79.3	81.1	84.9	77.4	78.9	82.8	84.0	79.4	82.9	81.3	8.0
	9.0	63.3	63.6	66.0	63.7	66.3	67.6	62.8	64.4	68.1	61.0	62.4	66.1	67.2	62.9	66.1	64.7	9.0
	10.0	51.4	51.7	54.0	51.8	54.3	55.5	50.9	52.5	56.0	49.2	50.6	54.1	55.2	51.1	54.1	52.7	10.0
	11.0	42.4	42.8	45.0	42.8	45.3	46.4	42.0	43.5	46.8	40.2	41.7	45.0	46.1	42.1	45.1	43.7	11.0
	12.0	35.2	35.6	37.9	35.6	38.2	39.3	34.8	36.5	39.7	33.1	34.5	38.0	39.0	35.0	38.0	36.7	12.0
	14.0		25.0	27.3	25.1	27.6	28.8	24.3	25.9	29.3	22.6	24.0	27.4	28.5	24.5	27.5	26.1	14.0
	16.0		17.7	20.0	17.8	20.3	21.4	17.0	18.5	21.9	15.4	16.7	20.1	21.1	17.2	20.1	18.7	16.0
	18.0		12.5	14.7	12.4	14.9	16.0	11.7	13.2	16.4	10.1	11.4	14.7	15.7	11.8	14.7	13.3	18.0
	20.0				8.4	10.8	11.9	7.6	9.1	12.3		7.3	10.5	11.6		10.6		20.0
	22.0				5.3	7.7	8.8	4.4	5.9	9.1			7.3	8.3		7.3		22.0
	24.0									6.5			4.7	5.7				24.0
	26.0									4.5								26.0
	28.0																	28.0
	30.0																	30.0
	32.0																	32.0
	34.0																	34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	22~82	14~82	0~82	49~82	45~82	29~82	20~82	54~82	45~82	57~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mSH	 0 t	 9.7m x 5.8m	 360°	 JPN
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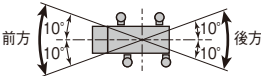
	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	15.4	20.0	20.0	24.6	24.6	24.6	29.2	29.2	29.2	33.8	33.8	33.8	33.8	38.4	38.4	43.0	m
	3.0	50.0																3.0
	3.5	50.0	50.0	50.0														3.5
	4.0	50.0	50.0	50.0	50.0	50.0	50.0											4.0
	4.5	50.0	50.0	50.0	50.0	50.0	50.0											4.5
	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								5.0
	6.0	39.7	39.9	41.7	40.0	41.9	42.9	39.4	40.6	43.2	38.1	39.2	41.8	42.7				6.0
	7.0	31.5	31.8	33.5	31.9	33.8	34.8	31.2	32.4	35.1	29.9	31.0	33.7	34.6	31.4	33.8		7.0
	8.0	25.0	25.3	27.2	25.4	27.5	28.4	24.8	26.0	28.8	23.5	24.6	27.3	28.2	25.0	27.4	26.3	8.0
	9.0	19.9	20.2	22.0	20.3	22.3	23.3	19.6	20.9	23.7	18.3	19.4	22.2	23.1	19.8	22.3	21.2	9.0
	10.0	15.6	15.9	17.8	16.1	18.1	19.1	15.4	16.7	19.5	14.1	15.2	18.0	18.9	15.6	18.1	17.0	10.0
	11.0	12.1	12.4	14.3	12.5	14.6	15.6	11.9	13.2	16.0	10.5	11.6	14.5	15.4	12.1	14.6	13.4	11.0
	12.0	9.1	9.4	11.3	9.5	11.6	12.6	8.9	10.2	13.0			11.5	12.5		11.6		12.0
	14.0		4.6	6.6	4.8	6.9	7.9		5.4	8.3			6.8	7.7				14.0
	16.0						4.3			4.7								16.0
	18.0																	18.0
	20.0																	20.0
	22.0																	22.0
	24.0																	24.0
	26.0																	26.0
	28.0																	28.0
	30.0																	30.0
	32.0																	32.0
	34.0																	34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
	°	0~82	0~82	0~82	40~82	31~82	14~82	58~82	55~82	46~82	67~82	65~82	60~82	58~82	70~82	66~82	72~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	14	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+0.5mSH		 0 t	 9.7m × 2.6m	 360 °	 JPN
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 m	14.9	19.5	24.1
合計ブーム長さ m	15.4	20.0	24.6
 m	3.0	15.0	
	3.5	15.0	15.0
	4.0	15.0	15.0
	4.5	15.0	15.0
	5.0	15.0	15.0
	6.0	15.0	15.0
	7.0	12.6	14.8
	8.0		
	9.0		
	10.0		
	11.0		
	12.0		
	14.0		
	16.0		
	18.0		
	20.0		
	22.0		
	24.0		
	26.0		
	28.0		
	30.0		
	32.0		
	34.0		
	36.0		
	38.0		
	40.0		
	1	0	0
	2	0	0
	3	0	50
	ID	1	6
	7		
	t	100.0	100.0
	°	52~82	62~82
		17	17
		350t	350t

 4段ESP+0.5mSH		 0 t	 9.7m × 2.6m	 前方・後方	 JPN
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 m	14.9	19.5	24.1
合計ブーム長さ m	15.4	20.0	24.6
 m	3.0	15.0	
	3.5	15.0	15.0
	4.0	15.0	15.0
	4.5	15.0	15.0
	5.0	15.0	15.0
	6.0	15.0	15.0
	7.0	15.0	15.0
	8.0	15.0	15.0
	9.0	15.0	15.0
	10.0	15.0	15.0
	11.0	15.0	15.0
	12.0	15.0	15.0
	14.0		13.9
	16.0		9.6
	18.0		6.3
	20.0		4.8
	22.0		
	24.0		
	26.0		
	28.0		
	30.0		
	32.0		
	34.0		
	36.0		
	38.0		
	40.0		
	1	0	0
	2	0	0
	3	0	50
	ID	1	6
	7		
	t	100.0	100.0
	°	0~82	0~82
		17	17
		350t	350t



4段ESPブーム+フィックスブーム

 4段ESP+12.5mFB+0.5mSH	 208 t	 9.7m × 9.0m	 AJ	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5																4.5
	5.0																5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0										7.0
	8.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0								8.0
	9.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0	147.0	147.0	147.0	147.0				9.0
	10.0	168.8	170.0	170.0	170.0	170.0	157.0	157.0	157.0	147.0	147.0	147.0	147.0	136.0	136.0		10.0
	11.0	154.1	170.0	170.0	170.0	170.0	157.0	157.0	151.3	147.0	147.0	147.0	146.8	136.0	136.0	120.8	11.0
	12.0	141.7	164.5	160.0	170.0	167.5	138.8	157.0	157.0	142.7	147.0	147.0	144.7	139.0	136.0	136.0	120.8
	14.0	121.7	141.8	141.2	148.5	149.7	120.2	146.6	147.3	127.9	142.5	143.3	131.1	124.6	136.0	125.6	120.8
	16.0	106.4	124.3	124.3	128.1	129.3	105.6	127.1	127.8	115.7	125.6	126.3	119.6	112.4	124.0	114.8	114.6
	18.0	94.3	110.5	110.5	112.0	113.2	93.8	111.0	111.8	105.4	109.6	110.3	109.8	102.2	110.0	105.2	106.4
	20.0	84.5	99.3	99.3	99.1	100.3	84.2	98.1	98.8	95.5	96.6	97.3	99.1	93.4	97.1	96.9	97.5
	22.0	76.4	89.6	90.0	88.5	89.7	76.3	87.4	88.2	86.7	85.9	86.6	88.4	84.6	86.4	88.0	86.8
	24.0	69.5	80.8	81.7	79.6	80.8	69.5	78.5	79.3	79.2	77.0	77.7	79.5	76.9	77.5	79.1	77.9
	26.0	38.8	72.6	73.8	71.2	72.6	63.8	69.8	70.7	72.8	68.0	68.9	71.0	70.3	68.6	70.5	69.0
	28.0		61.3	62.5	63.6	65.1	58.8	62.2	63.2	65.2	60.5	61.3	63.4	64.1	61.0	62.9	61.4
	30.0		41.6	43.0	57.3	58.7	54.5	55.8	56.8	58.8	54.1	54.9	57.0	57.7	54.6	56.5	55.0
	32.0				50.9	52.2	50.8	50.4	51.3	53.3	48.6	49.4	51.5	52.2	49.1	51.0	49.5
	34.0				37.8	39.1	40.1	45.7	46.6	48.5	43.9	44.7	46.7	47.4	44.3	46.2	44.7
	36.0							41.6	42.5	44.5	39.7	40.5	42.6	43.3	40.1	42.0	40.5
	38.0							32.5	33.3	35.5	36.1	36.9	39.0	39.6	36.5	38.3	36.9
	40.0										32.9	33.7	35.8	36.4	33.3	35.1	33.6
	42.0										27.5	28.2	30.1	31.0	30.4	32.2	30.7
	44.0										16.0	16.6	18.6	19.6	27.8	29.7	28.1
	46.0														24.8	26.3	25.8
	48.0														16.9	18.4	23.7
	50.0																21.8
	52.0																16.1
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~80	0~81	0~81	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82	°
 m	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 195 t	 9.7m × 9.0m	 AJ	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5																4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0										7.0
	8.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0								8.0
	9.0	170.0	170.0	170.0	170.0	170.0	169.7	157.0	157.0	157.0	147.0	147.0	147.0	147.0			9.0
	10.0	168.8	170.0	170.0	170.0	170.0	158.9	157.0	157.0	157.0	147.0	147.0	147.0	147.0	136.0	136.0	10.0
	11.0	154.1	170.0	170.0	170.0	170.0	148.3	157.0	157.0	151.3	147.0	147.0	147.0	146.8	136.0	136.0	11.0
	12.0	141.7	164.5	160.0	170.0	167.5	138.8	157.0	157.0	142.7	147.0	147.0	144.7	139.0	136.0	136.0	12.0
	14.0	121.7	141.8	141.2	145.2	146.4	120.2	144.2	144.9	127.9	142.5	143.3	131.1	124.6	136.0	125.6	14.0
	16.0	106.4	124.3	124.3	125.2	126.3	105.6	124.1	124.9	115.7	122.7	123.4	119.6	112.4	123.2	114.8	16.0
	18.0	94.3	110.5	110.5	109.4	110.6	93.8	108.4	109.1	105.4	106.9	107.6	109.4	102.2	107.4	105.2	18.0
	20.0	84.5	97.8	98.8	96.8	97.9	84.2	95.7	96.5	95.5	94.2	94.9	96.7	93.4	94.7	96.3	20.0
	22.0	76.4	87.4	88.4	86.1	87.5	76.3	84.8	85.7	86.7	83.0	83.8	86.0	84.6	83.5	85.5	22.0
	24.0	69.5	76.9	78.1	75.6	77.0	69.5	74.2	75.1	77.2	72.4	73.3	75.4	76.1	73.0	74.9	24.0
	26.0	38.8	68.3	69.5	66.9	68.3	63.8	65.5	66.5	68.5	63.8	64.6	66.7	67.4	64.3	66.2	26.0
	28.0		61.2	62.4	59.7	61.1	58.8	58.3	59.2	61.3	56.5	57.4	59.5	60.2	57.1	59.0	28.0
	30.0		41.6	43.0	53.7	55.1	54.5	52.2	53.1	55.1	50.4	51.3	53.4	54.0	50.9	52.8	30.0
	32.0				48.5	49.9	50.6	47.0	47.9	49.9	45.2	46.0	48.1	48.8	45.7	47.6	32.0
	34.0				37.8	39.1	40.1	42.5	43.4	45.4	40.7	41.5	43.6	44.3	41.2	43.0	34.0
	36.0							38.6	39.5	41.5	36.8	37.6	39.6	40.3	37.2	39.1	36.0
	38.0							32.5	33.3	35.5	33.3	34.1	36.2	36.8	33.7	35.6	38.0
	40.0										30.3	31.1	33.1	33.8	30.6	32.5	40.0
	42.0										27.5	28.2	30.1	31.0	27.9	29.7	42.0
	44.0										16.0	16.6	18.6	19.6	25.5	27.3	44.0
	46.0														23.3	25.1	46.0
	48.0														16.9	18.4	48.0
	50.0																50.0
	52.0																52.0
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82	°
 m	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 164 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0										7.0
	8.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0								8.0
	9.0	170.0	170.0	170.0	170.0	170.0	169.7	157.0	157.0	147.0	147.0	147.0	147.0				9.0
	10.0	168.8	170.0	170.0	170.0	170.0	158.9	157.0	157.0	157.0	147.0	147.0	147.0	136.0	136.0		10.0
	11.0	154.1	170.0	170.0	170.0	170.0	148.3	157.0	157.0	151.3	147.0	147.0	147.0	146.8	136.0	136.0	120.8
	12.0	141.7	163.6	160.0	162.5	163.7	138.8	157.0	157.0	142.7	147.0	147.0	144.7	139.0	136.0	136.0	120.8
	14.0	121.7	138.4	139.4	137.4	138.6	120.2	136.4	137.1	127.9	135.0	135.7	131.1	124.6	135.5	125.6	120.8
	16.0	106.4	119.3	120.3	118.3	119.5	105.6	117.3	118.0	115.7	115.8	116.5	118.3	112.4	116.3	114.8	114.6
	18.0	94.3	102.1	103.3	100.7	102.2	93.8	99.3	100.3	102.5	97.4	98.3	100.6	101.4	98.0	100.1	98.6
	20.0	84.5	87.0	88.3	85.7	87.2	84.2	84.3	85.3	87.4	82.5	83.4	85.6	86.3	83.1	85.1	83.6
	22.0	76.4	75.3	76.6	74.0	75.4	76.1	72.6	73.6	75.7	70.8	71.7	73.9	74.6	71.4	73.4	71.9
	24.0	68.0	66.0	67.2	64.6	66.1	66.7	63.2	64.2	66.2	61.5	62.3	64.5	65.2	62.0	64.0	62.5
	26.0	38.8	58.4	59.6	56.9	58.4	59.0	55.6	56.5	58.5	53.8	54.6	56.8	57.5	54.3	56.3	54.8
	28.0		52.1	53.2	50.6	52.0	52.6	49.2	50.1	52.1	47.4	48.2	50.3	51.0	47.9	49.8	48.4
	30.0		41.6	43.0	45.2	46.6	47.3	43.8	44.7	46.7	42.0	42.8	44.9	45.6	42.5	44.4	42.9
	32.0				40.7	42.1	42.7	39.1	40.1	42.0	37.4	38.2	40.3	40.9	37.8	39.7	38.3
	34.0				36.8	38.2	38.9	35.2	36.1	38.1	33.4	34.2	36.3	36.9	33.8	35.7	34.2
	36.0							31.7	32.6	34.6	29.9	30.7	32.8	33.4	30.3	32.2	30.7
	38.0							28.8	29.7	31.6	26.8	27.6	29.7	30.4	27.2	29.1	27.6
	40.0										24.2	25.0	27.0	27.7	24.5	26.4	24.8
	42.0										21.8	22.6	24.7	25.3	22.1	23.9	22.4
	44.0										16.0	16.6	18.6	19.6	19.9	21.8	20.2
	46.0														18.1	19.9	18.3
	48.0														16.4	18.3	16.5
	50.0																14.9
	52.0																13.6
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82
	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 127 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0										7.0
	8.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0								8.0
	9.0	170.0	170.0	170.0	170.0	170.0	169.7	157.0	157.0	157.0	147.0	147.0	147.0	147.0			9.0
	10.0	168.8	170.0	170.0	170.0	170.0	158.9	157.0	157.0	157.0	147.0	147.0	147.0	147.0	136.0	136.0	10.0
	11.0	154.1	168.0	168.9	166.9	168.1	148.3	157.0	157.0	151.3	147.0	147.0	147.0	146.8	136.0	136.0	120.8
	12.0	141.7	153.1	154.0	152.0	153.2	138.8	151.0	151.8	142.7	147.0	147.0	144.7	139.0	136.0	136.0	120.8
	14.0	121.7	124.2	125.5	122.7	124.4	120.2	121.2	122.3	124.7	119.2	120.2	122.7	123.5	119.9	122.2	120.5
	16.0	102.7	100.6	101.9	99.2	100.8	101.5	97.8	98.8	101.1	95.9	96.8	99.2	100.0	96.5	98.7	97.1
	18.0	85.7	83.7	85.0	82.3	83.8	84.5	80.9	81.9	84.1	79.1	80.0	82.3	83.0	79.7	81.8	80.2
	20.0	72.9	70.9	72.2	69.6	71.1	71.7	68.2	69.2	71.3	66.4	67.2	69.5	70.2	67.0	69.0	67.5
	22.0	63.0	61.0	62.2	59.6	61.1	61.8	58.3	59.2	61.3	56.5	57.3	59.5	60.2	57.0	59.0	57.5
	24.0	55.1	53.0	54.2	51.7	53.1	53.8	50.3	51.2	53.3	48.5	49.4	51.5	52.2	49.1	51.0	49.6
	26.0	38.8	46.6	47.8	45.2	46.6	47.2	43.8	44.7	46.7	42.0	42.8	45.0	45.7	42.5	44.5	43.0
	28.0		41.2	42.4	39.8	41.2	41.8	38.3	39.3	41.3	36.6	37.4	39.5	40.2	37.1	39.0	37.6
	30.0		36.9	38.1	35.2	36.6	37.3	33.8	34.7	36.7	32.0	32.8	34.9	35.6	32.5	34.4	32.9
	32.0				31.4	32.8	33.4	29.9	30.8	32.8	28.1	28.9	31.0	31.7	28.6	30.4	29.0
	34.0				28.2	29.6	30.2	26.5	27.4	29.4	24.7	25.5	27.6	28.2	25.1	27.0	25.6
	36.0							23.6	24.5	26.5	21.8	22.6	24.6	25.3	22.2	24.0	22.6
	38.0							21.1	22.0	24.0	19.2	20.0	22.0	22.7	19.6	21.4	19.9
	40.0										16.9	17.7	19.8	20.4	17.3	19.1	17.6
	42.0										15.0	15.8	17.8	18.5	15.2	17.1	15.5
	44.0										13.3	14.1	16.2	16.8	13.4	15.3	13.7
	46.0														11.8	13.7	12.0
	48.0														10.5	12.3	10.6
	50.0																9.2
	52.0																8.0
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82
	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム+フィックスブーム

 4段ESP+12.5mFB+0.5mSH	 94 t	 9.7m x 9.0m	 AJ	 360 °	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0										7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0							8.0
	9.0	170.0	170.0	170.0	170.0	170.0	169.7	157.0	157.0	157.0	147.0	147.0	147.0	147.0			9.0
	10.0	168.8	170.0	170.0	170.0	170.0	158.9	157.0	157.0	157.0	147.0	147.0	147.0	147.0	136.0	136.0	10.0
	11.0	153.9	151.6	153.1	149.9	151.8	148.3	148.4	149.6	151.3	146.2	147.0	147.0	146.8	136.0	136.0	11.0
	12.0	133.1	130.8	132.3	129.3	131.0	131.8	127.8	128.9	131.4	125.6	126.7	129.3	130.2	126.4	128.8	12.0
	14.0	103.5	101.4	102.8	99.9	101.6	102.3	98.5	99.6	101.9	96.5	97.5	100.0	100.8	97.2	99.5	14.0
	16.0	83.6	81.6	82.9	80.1	81.7	82.5	78.7	79.8	82.0	76.8	77.8	80.2	80.9	77.5	79.7	16.0
	18.0	69.3	67.3	68.6	65.9	67.4	68.1	64.5	65.5	67.7	62.7	63.6	65.9	66.6	63.3	65.4	18.0
	20.0	58.5	56.5	57.8	55.2	56.7	57.3	53.8	54.8	56.9	52.0	52.9	55.1	55.8	52.6	54.6	20.0
	22.0	50.1	48.2	49.4	46.8	48.3	48.9	45.4	46.4	48.5	43.6	44.5	46.7	47.4	44.2	46.2	22.0
	24.0	43.5	41.5	42.7	40.1	41.5	42.2	38.7	39.7	41.7	37.0	37.8	40.0	40.7	37.5	39.5	24.0
	26.0	38.4	36.0	37.2	34.6	36.1	36.7	33.2	34.2	36.2	31.5	32.3	34.5	35.2	32.0	34.0	26.0
	28.0		31.6	32.8	30.1	31.5	32.2	28.7	29.6	31.6	26.9	27.7	29.9	30.6	27.4	29.4	28.0
	30.0		28.0	29.1	26.3	27.7	28.3	24.8	25.8	27.8	23.1	23.9	26.0	26.7	23.6	25.5	30.0
	32.0				23.1	24.5	25.1	21.6	22.5	24.5	19.8	20.6	22.7	23.4	20.3	22.1	32.0
	34.0				20.4	21.8	22.5	18.8	19.7	21.6	16.9	17.8	19.8	20.5	17.4	19.3	34.0
	36.0							16.3	17.2	19.2	14.5	15.3	17.3	18.0	14.9	16.8	36.0
	38.0							14.3	15.2	17.1	12.3	13.1	15.2	15.8	12.7	14.6	38.0
	40.0										10.4	11.3	13.3	14.0	10.8	12.6	40.0
	42.0										8.7	9.6	11.7	12.3	9.0	10.9	42.0
	44.0										7.2	8.1	10.4	11.0	7.3	9.4	44.0
	46.0														5.9	8.0	46.0
	48.0														4.7	6.7	48.0
	50.0																50.0
	52.0																52.0
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82
 m	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 57 t	 9.7m x 9.0m	 AJ	 360 °	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0										7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0							8.0
	9.0	167.5	164.8	166.5	162.9	165.1	166.0	157.0	157.0	157.0	147.0	147.0	147.0	147.0			9.0
	10.0	137.9	135.4	137.0	133.7	135.6	136.5	132.0	133.3	136.1	129.7	130.8	133.8	134.7	130.5	133.2	10.0
	11.0	116.4	114.0	115.5	112.4	114.2	115.1	110.8	112.0	114.7	108.6	109.7	112.5	113.3	109.4	111.9	11.0
	12.0	100.0	97.8	99.2	96.2	98.0	98.8	94.7	95.9	98.4	92.6	93.6	96.3	97.1	93.3	95.7	12.0
	14.0	76.9	74.7	76.1	73.3	74.9	75.7	71.8	72.9	75.3	69.8	70.8	73.3	74.1	70.5	72.8	14.0
	16.0	61.2	59.2	60.5	57.8	59.4	60.1	56.4	57.4	59.7	54.5	55.4	57.8	58.6	55.1	57.3	16.0
	18.0	50.0	48.1	49.3	46.7	48.2	48.9	45.3	46.3	48.5	43.4	44.4	46.7	47.4	44.1	46.2	18.0
	20.0	41.6	39.7	40.9	38.3	39.8	40.5	36.9	37.9	40.1	35.1	36.0	38.3	39.0	35.7	37.8	20.0
	22.0	35.1	33.1	34.4	31.8	33.2	33.9	30.4	31.4	33.5	28.6	29.5	31.7	32.4	29.2	31.2	22.0
	24.0	29.9	27.9	29.1	26.6	28.0	28.7	25.2	26.1	28.2	23.4	24.3	26.4	27.1	24.0	25.9	24.0
	26.0	26.0	23.7	24.9	22.3	23.7	24.4	20.9	21.8	23.9	19.2	20.0	22.1	22.8	19.7	21.6	26.0
	28.0		20.3	21.4	18.8	20.2	20.8	17.4	18.3	20.3	15.6	16.4	18.6	19.2	16.1	18.0	28.0
	30.0		17.5	18.7	15.8	17.2	17.9	14.4	15.3	17.3	12.6	13.4	15.5	16.2	13.1	15.0	30.0
	32.0				13.4	14.8	15.4	11.8	12.7	14.7	9.8	10.7	13.0	13.6	10.3	12.4	32.0
	34.0				11.2	12.7	13.4	9.4	10.4	12.5	7.4	8.3	10.6	11.4	7.9	10.0	34.0
	36.0							7.4	8.4	10.6	5.3	6.2	8.5	9.3	5.8	7.9	36.0
	38.0							5.7	6.7	8.9	3.5	4.4	6.7	7.5		6.1	38.0
	40.0												5.2	5.9		4.4	40.0
	42.0												3.8	4.5			42.0
	44.0												3.5				44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	52.0																52.0
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	13~82	0~82	0~82	0~82	32~82	12~82	41~82
 m	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ	m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
	4.5	50.0																4.5
	5.0	50.0																5.0
	6.0	50.0	50.0	50.0														6.0
	7.0	50.0	50.0	50.0	50.0	50.0	50.0											7.0
	8.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								8.0
	9.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					9.0
	10.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0			10.0
	11.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	11.0
	12.0	49.3	47.2	48.6	45.7	47.4	48.3	44.1	45.3	47.8	41.7	42.9	45.8	46.6	42.6	45.2	43.4	12.0
	14.0	34.6	32.3	33.9	30.7	32.6	33.5	28.9	30.2	33.0	26.5	27.7	30.7	31.6	27.3	30.0	28.0	14.0
	16.0	24.6	22.4	23.9	20.7	22.6	23.4	19.0	20.2	22.9	16.7	17.9	20.7	21.5	17.5	20.0		16.0
	18.0	17.6	15.4	16.9	13.8	15.6	16.4	12.1	13.4	15.9			13.8	14.6				18.0
	20.0	12.5	10.4	11.8	8.8	10.5	11.3		8.3	10.8				9.5				20.0
	22.0	8.7	6.5	7.9		6.7	7.4			6.9								22.0
	24.0	5.7	3.5	4.9			4.4											24.0
	26.0	3.6																26.0
	28.0																	28.0
	30.0																	30.0
	32.0																	32.0
	34.0																	34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	42.0																	42.0
	44.0																	44.0
	46.0																	46.0
48.0																	48.0	
50.0																	50.0	
52.0																	52.0	
	1	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1	
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2	
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3	
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t	
	°	0~82	16~82	0~82	45~82	41~82	35~82	58~82	56~82	51~82	66~82	65~82	61~82	60~82	69~82	66~82	71~82	°
		17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m	
合計ブーム長さ m		27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m	
	4.5																	4.5	
	5.0																	5.0	
	6.0	170.0	170.0	170.0														6.0	
	7.0	170.0	170.0	170.0	170.0	170.0	170.0											7.0	
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0								8.0	
	9.0	170.0	170.0	170.0	170.0	170.0	170.0	169.7	157.0	157.0	157.0	147.0	147.0	147.0	147.0			9.0	
	10.0	168.8	170.0	170.0	169.4	170.0	158.9	157.0	157.0	157.0	147.0	147.0	147.0	147.0	136.0	136.0		10.0	
	11.0	154.1	156.1	157.1	155.0	156.2	148.3	153.9	154.7	151.3	147.0	147.0	147.0	146.8	136.0	136.0	120.8	11.0	
	12.0	141.7	143.6	144.7	142.5	143.8	138.8	141.4	142.3	142.7	139.9	140.6	142.6	139.0	136.0	136.0	120.8	12.0	
	14.0	121.7	123.1	124.2	122.0	123.3	120.2	120.8	121.7	123.5	119.3	120.0	122.0	122.6	119.8	121.6	120.3	14.0	
	16.0	106.4	107.0	108.1	105.8	107.1	105.6	104.6	105.5	107.4	103.0	103.8	105.8	106.4	103.6	105.4	104.0	16.0	
	18.0	94.3	94.0	95.1	92.8	94.1	93.8	91.6	92.4	94.4	89.9	90.7	92.8	93.4	90.5	92.3	90.9	18.0	
	20.0	84.5	83.3	84.4	82.1	83.4	84.0	80.8	81.7	83.7	79.1	79.9	82.0	82.7	79.7	81.6	80.2	20.0	
	22.0	76.3	74.4	75.5	73.1	74.5	75.1	71.8	72.7	74.7	70.1	70.9	73.0	73.7	70.7	72.6	71.1	22.0	
	24.0	68.8	66.9	68.0	65.5	66.9	67.6	64.2	65.1	67.1	62.5	63.3	65.4	66.1	63.0	64.9	63.5	24.0	
	26.0	38.8	60.4	61.6	59.0	60.4	61.1	57.7	58.6	60.6	55.9	56.7	58.9	59.5	56.4	58.4	56.9	26.0	
	28.0		54.9	56.1	53.4	54.9	55.5	52.0	52.9	55.0	50.2	51.1	53.2	53.9	50.7	52.7	51.2	28.0	
	30.0			41.6	43.0	48.6	50.0	50.7	47.1	48.0	50.1	45.3	46.1	48.3	48.9	45.8	47.7	46.2	30.0
	32.0					44.3	45.8	46.4	42.7	43.7	45.7	40.9	41.7	43.9	44.6	41.4	43.3	41.8	32.0
	34.0					37.8	39.1	40.1		38.9	39.9	41.9	37.0	37.9	40.0	40.7	37.5	39.5	34.0
	36.0								35.5	36.5	38.6	33.6	34.4	36.6	37.3	34.0	36.0	34.4	36.0
	38.0								32.5	33.3	35.5	30.5	31.4	33.6	34.3	30.9	32.9	31.3	38.0
	40.0											27.8	28.6	30.8	31.6	28.1	30.1	28.5	40.0
	42.0											25.3	26.2	28.4	29.1	25.6	27.6	26.0	42.0
	44.0											16.0	16.6	18.6	19.6	23.4	25.4	23.7	44.0
	46.0															21.3	23.4	21.6	46.0
48.0															16.9	18.4	19.7	48.0	
50.0																	18.0	50.0	
52.0																	16.1	52.0	
	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100	1	
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100	2	
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100	3	
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID	
	t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t	
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82	°	
		17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11		
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

4段ESPブーム+フィックスブーム

 4段ESP+12.5mFB+0.5mSH	 195 t	 9.7m × 9.0m	 360 °	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5																4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0										7.0
	8.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0								8.0
	9.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0	147.0	147.0	147.0	147.0				9.0
	10.0	168.8	167.7	168.7	166.6	167.9	158.9	157.0	157.0	157.0	147.0	147.0	147.0	147.0	136.0	136.0	10.0
	11.0	154.1	153.5	154.5	152.4	153.6	148.3	151.3	152.1	151.3	147.0	147.0	147.0	146.8	136.0	136.0	120.8
	12.0	141.7	141.1	142.2	140.0	141.3	138.8	138.9	139.8	141.6	137.4	138.1	140.1	139.0	136.0	136.0	120.8
	14.0	121.7	120.9	121.9	119.7	121.0	120.2	118.6	119.4	121.3	117.0	117.8	119.7	120.4	117.5	119.3	118.0
	16.0	106.4	104.9	106.0	103.7	105.1	105.6	102.5	103.4	105.3	100.9	101.7	103.7	104.4	101.5	103.3	102.0
	18.0	93.8	92.1	93.2	90.8	92.2	92.8	89.6	90.5	92.5	88.0	88.8	90.8	91.5	88.5	90.4	89.0
	20.0	83.3	81.5	82.7	80.3	81.6	82.3	79.0	79.9	81.9	77.3	78.1	80.2	80.9	77.9	79.8	78.4
	22.0	74.6	72.7	73.9	71.4	72.8	73.5	70.1	71.1	73.0	68.4	69.3	71.4	72.0	69.0	70.9	69.5
	24.0	67.3	65.3	66.5	64.0	65.4	66.0	62.6	63.5	65.5	60.9	61.7	63.8	64.5	61.4	63.4	61.9
	26.0	38.8	59.0	60.1	57.6	59.0	59.6	56.2	57.1	59.1	54.4	55.3	57.4	58.1	55.0	56.9	55.4
	28.0		53.5	54.7	52.0	53.5	54.1	50.6	51.5	53.6	48.8	49.7	51.8	52.5	49.4	51.3	49.8
	30.0		41.6	43.0	47.3	48.7	49.4	45.8	46.7	48.7	43.9	44.8	46.9	47.6	44.4	46.4	44.9
	32.0				43.1	44.5	45.2	41.5	42.4	44.5	39.6	40.5	42.7	43.3	40.1	42.1	40.6
	34.0				37.8	39.1	40.1	37.7	38.7	40.8	35.8	36.7	38.9	39.6	36.3	38.3	36.7
	36.0							34.4	35.4	37.5	32.4	33.3	35.5	36.2	32.9	34.9	33.3
	38.0							31.5	32.5	34.6	29.4	30.3	32.5	33.2	29.8	31.8	30.2
	40.0										26.7	27.6	29.8	30.5	27.1	29.1	27.5
	42.0										24.3	25.2	27.4	28.2	24.6	26.6	25.0
	44.0										16.0	16.6	18.6	19.6	22.4	24.4	22.7
	46.0														20.4	22.4	20.6
	48.0														16.9	18.4	18.8
	50.0																17.1
	52.0																15.6
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~80	0~81	0~81	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82
 m	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 164 t	 9.7m × 9.0m	 360 °	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0										7.0
	8.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0								8.0
	9.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0	147.0	147.0	147.0	147.0				9.0
	10.0	162.6	161.0	162.0	159.9	161.1	158.9	157.0	157.0	157.0	147.0	147.0	147.0	147.0	136.0	136.0	10.0
	11.0	148.7	147.1	148.1	145.9	147.2	147.8	144.9	145.7	147.5	143.4	144.1	146.0	146.6	136.0	136.0	120.8
	12.0	136.7	135.0	136.1	133.9	135.2	135.8	132.8	133.6	135.5	131.3	132.0	134.0	134.6	131.8	133.6	120.8
	14.0	117.0	115.3	116.4	114.1	115.5	116.0	113.0	113.8	115.7	111.4	112.2	114.2	114.8	111.9	113.7	112.4
	16.0	101.5	99.8	100.9	98.6	100.0	100.6	97.4	98.3	100.2	95.8	96.6	98.6	99.3	96.3	98.2	96.8
	18.0	89.1	87.4	88.5	86.1	87.5	88.1	84.9	85.8	87.7	83.2	84.0	86.1	86.8	83.8	85.7	84.3
	20.0	79.0	77.1	78.3	75.9	77.3	77.9	74.6	75.5	77.5	72.9	73.7	75.8	76.5	73.5	75.4	74.0
	22.0	70.5	68.6	69.8	67.3	68.7	69.4	66.0	67.0	69.0	64.3	65.1	67.3	67.9	64.9	66.8	65.4
	24.0	63.5	61.5	62.7	60.1	61.5	62.2	58.8	59.7	61.7	57.0	57.9	60.0	60.7	57.6	59.5	58.1
	26.0	38.8	55.4	56.6	54.0	55.4	56.0	52.6	53.5	55.5	50.8	51.6	53.8	54.5	51.3	53.3	51.8
	28.0		50.2	51.4	48.6	50.1	50.7	47.2	48.1	50.2	45.4	46.3	48.4	49.1	45.9	47.9	46.4
	30.0		41.6	43.0	44.0	45.5	46.1	42.5	43.5	45.5	40.7	41.5	43.7	44.4	41.2	43.2	41.7
	32.0				40.0	41.5	42.2	38.4	39.4	41.5	36.6	37.4	39.6	40.3	37.1	39.0	37.5
	34.0				36.6	38.0	38.7	34.8	35.8	37.9	32.9	33.8	35.9	36.7	33.4	35.4	33.8
	36.0							31.6	32.6	34.7	29.6	30.5	32.7	33.4	30.1	32.1	30.5
	38.0							28.8	29.8	31.9	26.8	27.6	29.8	30.5	27.2	29.2	27.6
	40.0										24.2	25.0	27.3	28.0	24.5	26.5	24.9
	42.0										21.9	22.8	25.0	25.7	22.2	24.2	22.5
	44.0										16.0	16.6	18.6	19.6	20.1	22.1	20.3
	46.0														18.2	20.2	18.4
	48.0														16.5	18.4	16.6
	50.0																15.0
	52.0																13.6
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82
 m	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 127 t	 9.7m × 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0										7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0							8.0
	9.0	170.0	168.5	169.5	167.4	168.6	169.2	157.0	157.0	157.0	147.0	147.0	147.0	147.0			9.0
	10.0	154.3	152.7	153.7	151.5	152.8	153.4	150.5	151.3	153.1	147.0	147.0	147.0	147.0	136.0	136.0	10.0
	11.0	140.8	139.2	140.2	138.0	139.3	139.9	136.9	137.8	139.6	135.4	136.1	138.1	138.7	135.9	136.0	11.0
	12.0	129.2	127.5	128.6	126.3	127.7	128.2	125.2	126.1	127.9	123.7	124.4	126.4	127.0	124.2	126.0	12.0
	14.0	110.1	108.4	109.5	107.2	108.6	109.2	106.1	106.9	108.8	104.4	105.2	107.3	107.9	105.0	106.8	14.0
	16.0	95.2	93.5	94.6	92.3	93.6	94.2	91.1	91.9	93.9	89.4	90.2	92.3	92.9	90.0	91.8	16.0
	18.0	83.3	81.5	82.6	80.2	81.6	82.3	79.0	79.9	81.9	77.3	78.1	80.2	80.9	77.9	79.8	18.0
	20.0	73.5	71.7	72.9	70.4	71.8	72.5	69.1	70.1	72.1	67.4	68.3	70.4	71.1	68.0	69.9	20.0
	22.0	65.5	63.6	64.7	62.2	63.7	64.3	60.9	61.9	63.9	59.2	60.0	62.2	62.9	59.8	61.7	22.0
	24.0	58.7	56.7	57.9	55.4	56.8	57.4	54.0	54.9	57.0	52.2	53.1	55.2	55.9	52.8	54.7	24.0
	26.0	38.8	50.2	51.4	48.7	50.2	50.8	47.4	48.3	50.3	45.6	46.4	48.6	49.3	46.1	48.1	26.0
	28.0		44.5	45.7	43.0	44.5	45.1	41.5	42.6	44.6	39.5	40.5	42.8	43.5	40.1	42.3	28.0
	30.0		39.8	41.1	38.0	39.6	40.3	36.4	37.4	39.7	34.4	35.3	37.7	38.4	35.0	37.1	30.0
	32.0				33.7	35.3	36.0	32.0	33.1	35.3	30.0	31.0	33.3	34.0	30.6	32.7	32.0
	34.0				30.1	31.7	32.4	28.3	29.3	31.5	26.3	27.2	29.5	30.2	26.8	28.9	34.0
	36.0							25.1	26.1	28.3	23.0	23.9	26.2	27.0	23.5	25.6	36.0
	38.0							22.3	23.3	25.5	20.2	21.1	23.4	24.1	20.6	22.7	38.0
	40.0										17.7	18.6	20.9	21.6	18.1	20.1	40.0
	42.0										15.5	16.4	18.7	19.4	15.8	17.9	42.0
	44.0										13.7	14.6	16.9	17.6	13.8	15.9	44.0
	46.0														12.1	14.1	46.0
	48.0														10.6	12.6	48.0
	50.0																50.0
	52.0																52.0
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82	°
	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 94 t	 9.7m × 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0										7.0
	8.0	170.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0							8.0
	9.0	161.4	159.7	160.8	158.6	159.9	160.4	157.0	157.0	157.0	147.0	147.0	147.0	147.0			9.0
	10.0	146.0	144.4	145.4	143.2	144.5	145.1	142.2	143.0	144.8	140.6	141.4	143.3	143.9	136.0	136.0	10.0
	11.0	132.9	131.3	132.3	130.1	131.4	132.0	129.0	129.9	131.7	127.4	128.2	130.2	130.8	128.0	129.8	11.0
	12.0	121.7	120.0	121.1	118.8	120.1	120.7	117.7	118.5	120.4	116.1	116.9	118.9	119.5	116.6	118.5	12.0
	14.0	103.3	101.5	102.7	100.3	101.7	102.3	99.2	100.0	102.0	97.5	98.3	100.4	101.0	98.1	100.0	14.0
	16.0	88.9	87.2	88.3	85.9	87.3	87.9	84.7	85.6	87.6	83.0	83.9	86.0	86.6	83.6	85.5	16.0
	18.0	74.8	72.9	74.1	71.5	73.0	73.7	70.1	71.1	73.3	68.2	69.1	71.5	72.2	68.9	71.0	18.0
	20.0	63.4	61.4	62.7	60.1	61.6	62.2	58.7	59.7	61.8	56.9	57.8	60.0	60.7	57.5	59.5	20.0
	22.0	54.4	52.4	53.6	51.0	52.5	53.2	49.5	50.6	52.7	47.5	48.5	50.9	51.6	48.1	50.4	22.0
	24.0	47.1	45.0	46.3	43.4	45.1	45.8	41.9	43.0	45.3	39.9	40.9	43.3	44.1	40.5	42.7	24.0
	26.0	38.8	38.9	40.2	37.3	38.9	39.6	35.7	36.8	39.0	33.7	34.7	37.1	37.8	34.3	36.5	26.0
	28.0		33.8	35.1	32.2	33.8	34.5	30.6	31.7	33.9	28.6	29.6	32.0	32.7	29.2	31.4	28.0
	30.0		29.8	31.1	27.9	29.5	30.2	26.3	27.4	29.6	24.3	25.3	27.6	28.4	24.9	27.0	30.0
	32.0				24.4	25.9	26.7	22.7	23.7	25.9	20.7	21.6	24.0	24.7	21.2	23.4	32.0
	34.0				21.4	23.0	23.7	19.6	20.6	22.8	17.6	18.5	20.8	21.5	18.1	20.2	34.0
	36.0							16.9	17.9	20.1	14.9	15.8	18.1	18.8	15.3	17.4	36.0
	38.0							14.6	15.7	17.8	12.5	13.4	15.7	16.4	12.9	15.0	38.0
	40.0										10.4	11.3	13.6	14.3	10.8	12.9	40.0
	42.0										8.7	9.6	11.8	12.6	9.0	11.0	42.0
	44.0										7.2	8.1	10.4	11.1	7.3	9.4	44.0
	46.0														5.9	8.0	46.0
	48.0														4.7	6.7	48.0
	50.0																50.0
	52.0																52.0
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	1
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82	°
	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム+フィックスブーム

 4段ESP+12.5mFB+0.5mSH	 57 t	 9.7m x 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0											7.0
	8.0	167.1	165.5	166.5	164.4	165.6	166.2	157.0	157.0	157.0							8.0
	9.0	149.5	147.9	149.0	146.8	148.1	148.6	145.7	146.5	148.4	144.2	144.9	146.9	147.0			9.0
	10.0	134.8	133.1	134.2	132.0	133.3	133.9	130.9	131.7	133.6	129.3	130.1	132.1	132.7	129.9	131.7	10.0
	11.0	122.3	120.6	121.7	119.4	120.8	121.4	118.3	119.2	121.1	116.7	117.5	119.5	120.1	117.3	119.1	11.0
	12.0	109.6	107.4	108.8	105.8	107.6	108.4	104.3	105.5	108.0	102.2	103.2	105.9	106.7	102.9	105.4	12.0
	14.0	84.6	82.5	83.9	81.0	82.7	83.4	79.5	80.6	83.0	77.4	78.4	81.1	81.9	78.1	80.5	14.0
	16.0	66.8	64.7	66.0	63.2	64.9	65.6	61.7	62.8	65.2	59.7	60.7	63.2	64.0	60.4	62.7	16.0
	18.0	54.1	52.1	53.4	50.7	52.3	53.0	49.2	50.3	52.6	47.2	48.2	50.7	51.4	47.9	50.1	18.0
	20.0	44.8	42.8	44.1	41.3	42.9	43.6	39.7	40.8	43.2	37.7	38.7	41.2	42.0	38.3	40.6	20.0
	22.0	37.6	35.4	36.8	33.9	35.5	36.3	32.3	33.4	35.8	30.3	31.3	33.8	34.6	31.0	33.2	22.0
	24.0	31.8	29.6	30.9	28.0	29.7	30.4	26.5	27.6	29.9	24.5	25.5	27.9	28.7	25.1	27.3	24.0
	26.0	27.4	24.9	26.2	23.3	24.9	25.6	21.8	22.8	25.1	19.8	20.7	23.1	23.9	20.4	22.5	26.0
	28.0		21.1	22.4	19.4	21.0	21.7	17.8	18.9	21.1	15.9	16.8	19.2	19.9	16.4	18.6	28.0
	30.0		18.0	19.3	16.2	17.7	18.5	14.6	15.6	17.8	12.6	13.5	15.9	16.6	13.1	15.3	30.0
	32.0				13.5	15.0	15.7	11.8	12.8	15.0	9.8	10.7	13.0	13.8	10.3	12.4	32.0
	34.0				11.2	12.8	13.5	9.4	10.4	12.6	7.4	8.3	10.6	11.4	7.9	10.0	34.0
	36.0							7.4	8.4	10.6	5.3	6.2	8.5	9.3	5.8	7.9	36.0
	38.0							5.7	6.7	8.9	3.5	4.4	6.7	7.5		6.1	38.0
	40.0												5.2	5.9		4.4	40.0
	42.0												3.8	4.5			42.0
	44.0													3.5			44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	52.0																52.0
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	13~82	0~82	0~82	0~82	32~82	12~82	41~82
 17	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
 350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 0 t	 9.7m x 9.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	50.0															4.5
	5.0	50.0															5.0
	6.0	50.0	50.0	50.0													6.0
	7.0	46.6	45.1	46.1	44.1	45.3	45.9										7.0
	8.0	39.3	37.7	38.8	36.7	37.9	38.5	35.6	36.4	38.2							8.0
	9.0	33.3	31.7	32.8	30.7	31.9	32.5	29.5	30.4	32.2	28.0	28.8	30.7	31.4			9.0
	10.0	28.3	26.7	27.8	25.6	26.9	27.6	24.5	25.4	27.2	23.0	23.7	25.7	26.4	23.5	25.3	10.0
	11.0	24.1	22.5	23.6	21.4	22.7	23.4	20.3	21.1	23.0	18.7	19.5	21.5	22.1	19.3	21.1	11.0
	12.0	20.6	18.9	20.0	17.8	19.1	19.8	16.6	17.5	19.4	15.1	15.8	17.9	18.5	15.6	17.4	12.0
	14.0	14.8	13.1	14.3	12.0	13.3	14.0	10.8	11.7	13.6	9.1	9.9	12.0	12.7	9.7	11.6	14.0
	16.0	10.4	8.6	9.8	7.5	8.8	9.5	6.2	7.1	9.1	4.6	5.4	7.5	8.2	5.2	7.0	16.0
	18.0	6.8	5.1	6.3	3.9	5.3	5.9		3.5	5.5			3.9	4.6			18.0
	20.0	4.0															20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	32.0																32.0
	34.0																34.0
	36.0																36.0
	38.0																38.0
	40.0																40.0
	42.0																42.0
	44.0																44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	52.0																52.0
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	23~82	0~82	45~82	41~82	36~82	58~82	56~82	51~82	66~82	65~82	61~82	60~82	69~82	66~82	71~82	
 17	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
 350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 127 t	 9.7m x 8.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0														6.0
	7.0	170.0	170.0	170.0	170.0	170.0											7.0
	8.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0								8.0
	9.0	164.7	163.1	164.1	162.0	163.3	157.0	157.0	157.0	147.0	147.0	147.0	147.0				9.0
	10.0	149.2	147.5	148.6	146.4	147.7	145.3	146.2	148.0	143.8	144.6	146.5	147.0	136.0	136.0		10.0
	11.0	135.9	134.3	135.3	133.1	134.4	132.0	132.9	134.7	130.5	131.2	133.2	133.8	131.0	132.8	120.8	11.0
	12.0	124.5	122.8	123.9	121.6	123.0	120.5	121.4	123.3	119.0	119.7	121.7	122.3	119.5	121.3	120.0	12.0
	14.0	105.9	104.1	105.3	102.9	104.3	101.8	102.7	104.6	100.2	100.9	103.0	103.6	100.7	102.6	101.2	14.0
	16.0	91.3	89.6	90.7	88.3	89.7	87.1	88.0	90.0	85.5	86.3	88.4	89.0	86.0	87.9	86.5	16.0
	18.0	79.7	77.9	79.1	76.6	78.1	75.4	76.3	78.3	73.7	74.5	76.6	77.3	74.3	76.2	74.8	18.0
	20.0	70.2	68.4	69.6	67.1	68.5	65.8	66.7	68.8	64.1	64.9	67.1	67.7	64.6	66.6	65.2	20.0
	22.0	60.8	58.8	60.0	57.4	58.9	56.1	57.0	59.1	54.1	55.1	57.3	58.0	54.7	56.9	55.3	22.0
	24.0	53.0	51.0	52.2	49.5	51.0	48.0	49.1	51.2	46.0	47.0	49.4	50.1	46.7	48.8	47.2	24.0
	26.0	38.8	44.5	45.8	42.9	44.5	41.4	42.5	44.7	39.5	40.4	42.8	43.5	40.1	42.2	40.6	26.0
	28.0		39.1	40.4	37.5	39.1	35.9	37.0	39.2	34.0	34.9	37.3	38.0	34.6	36.7	35.1	28.0
	30.0		34.7	36.0	32.9	34.5	31.3	32.3	34.5	29.4	30.3	32.6	33.3	29.9	32.0	30.4	30.0
	32.0				29.1	30.6	27.4	28.4	30.6	25.4	26.3	28.7	29.4	26.0	28.1	26.4	32.0
	34.0				25.8	27.4	24.0	25.0	27.2	22.0	22.9	25.2	25.9	22.5	24.6	23.0	34.0
	36.0						21.1	22.1	24.3	19.1	20.0	22.3	23.0	19.6	21.6	20.0	36.0
	38.0						18.6	19.6	21.8	16.5	17.4	19.7	20.4	17.0	19.0	17.4	38.0
	40.0									14.3	15.2	17.4	18.1	14.7	16.7	15.0	40.0
	42.0									12.3	13.2	15.4	16.2	12.6	14.7	13.0	42.0
	44.0									10.7	11.6	13.8	14.5	10.8	12.9	11.1	44.0
	46.0													9.2	11.3	9.5	46.0
	48.0													7.9	9.9	8.0	48.0
	50.0															6.7	50.0
	52.0															5.6	52.0
 %	1	0	0	0	0	0	0	0	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82	°
	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 94 t	 9.7m x 8.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0														6.0
	7.0	170.0	170.0	170.0	170.0	170.0											7.0
	8.0	170.0	170.0	170.0	170.0	170.0	157.0	157.0	157.0								8.0
	9.0	155.4	153.8	154.8	152.7	153.9	151.6	152.4	154.2	147.0	147.0	147.0	147.0				9.0
	10.0	140.4	138.7	139.8	137.6	138.9	136.5	137.3	139.2	134.9	135.7	137.7	138.3	135.5	136.0		10.0
	11.0	127.6	125.9	127.0	124.7	126.1	123.6	124.5	126.4	122.0	122.8	124.8	125.4	122.6	124.4	120.8	11.0
	12.0	116.6	114.9	116.0	113.7	115.0	112.6	113.4	115.3	110.9	111.7	113.8	114.4	111.5	113.3	112.0	12.0
	14.0	98.7	96.9	98.1	95.7	97.1	94.5	95.4	97.4	92.9	93.7	95.8	96.4	93.4	95.3	93.9	14.0
	16.0	80.4	78.4	79.7	76.9	78.5	75.5	76.6	78.8	73.6	74.5	76.9	77.7	74.3	76.4	74.8	16.0
	18.0	66.3	64.3	65.5	62.9	64.4	61.5	62.5	64.7	59.7	60.6	62.9	63.6	60.3	62.4	60.8	18.0
	20.0	55.7	53.7	55.0	52.4	53.9	51.0	52.0	54.1	49.0	49.9	52.3	53.0	49.6	51.8	50.2	20.0
	22.0	47.5	45.6	46.8	44.0	45.7	42.5	43.6	45.9	40.6	41.5	44.0	44.7	41.2	43.4	41.7	22.0
	24.0	41.0	38.9	40.2	37.3	38.9	35.8	36.9	39.1	33.9	34.8	37.2	37.9	34.5	36.6	35.0	24.0
	26.0	35.9	33.4	34.7	31.9	33.4	30.3	31.4	33.6	28.4	29.3	31.7	32.4	29.0	31.1	29.5	26.0
	28.0		28.9	30.2	27.3	28.9	25.8	26.8	29.0	23.8	24.8	27.1	27.8	24.4	26.5	24.9	28.0
	30.0		25.3	26.6	23.5	25.1	22.0	23.0	25.2	20.0	20.9	23.2	24.0	20.6	22.7	21.0	30.0
	32.0				20.3	21.9	18.7	19.7	21.9	16.7	17.6	19.9	20.7	17.3	19.4	17.7	32.0
	34.0				17.7	19.2	15.9	16.9	19.1	13.9	14.8	17.1	17.8	14.4	16.5	14.9	34.0
	36.0						13.5	14.5	16.7	11.5	12.4	14.7	15.4	12.0	14.0	12.4	36.0
	38.0						11.5	12.5	14.6	9.3	10.2	12.5	13.2	9.8	11.8	10.2	38.0
	40.0									7.5	8.4	10.6	11.4	7.9	9.9	8.3	40.0
	42.0									5.9	6.8	9.0	9.7	6.2	8.2	6.6	42.0
	44.0									4.6	5.5	7.7	8.5	4.7	6.8	5.0	44.0
	46.0														5.5	3.7	46.0
	48.0														4.4		48.0
	50.0																50.0
	52.0																52.0
 %	1	0	0	0	0	0	0	0	0	100	100	50	0	100	50	100	1
	2	0	50	0	100	50	0	100	50	100	50	50	100	100	100	100	2
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	3
ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	3~82	0~82	3~82	°
	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

4段ESPブーム+フィックスブーム

 4段ESP+12.5mFB+0.5mSH	 57 t	 9.7m × 8.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0											7.0
	8.0	160.1	158.4	159.5	157.3	158.6	159.1	156.3	157.0	157.0							8.0
	9.0	142.9	141.3	142.3	140.1	141.4	142.0	139.0	139.9	141.7	137.5	138.2	140.2	140.8			9.0
	10.0	128.6	126.9	128.0	125.7	127.1	127.6	124.6	125.5	127.4	123.0	123.8	125.8	126.4	123.6	125.4	10.0
	11.0	111.7	109.3	110.8	107.6	109.5	110.3	106.0	107.2	109.9	103.7	104.8	107.7	108.6	104.5	107.1	105.2
	12.0	95.3	93.0	94.5	91.4	93.2	94.0	89.9	91.1	93.6	87.7	88.8	91.5	92.4	88.5	91.0	89.1
	14.0	72.4	70.3	71.7	68.8	70.5	71.3	67.4	68.5	70.8	65.4	66.3	68.9	69.7	66.0	68.3	66.6
	16.0	57.2	55.2	56.5	53.8	55.4	56.1	52.4	53.4	55.7	50.4	51.4	53.8	54.5	51.1	53.3	51.7
	18.0	46.4	44.4	45.7	43.0	44.6	45.3	41.4	42.6	44.8	39.4	40.4	42.9	43.7	40.1	42.4	40.6
	20.0	38.3	36.2	37.5	34.7	36.3	37.0	33.1	34.2	36.6	31.1	32.1	34.6	35.4	31.8	34.0	32.3
	22.0	31.8	29.7	31.0	28.2	29.8	30.5	26.7	27.8	30.1	24.7	25.7	28.1	28.9	25.4	27.6	25.9
	24.0	26.8	24.6	25.9	23.1	24.7	25.4	21.6	22.6	24.9	19.6	20.6	23.0	23.7	20.2	22.4	20.7
	26.0	22.9	20.4	21.7	18.9	20.5	21.2	17.4	18.4	20.6	15.4	16.4	18.7	19.5	16.0	18.2	16.5
	28.0		17.1	18.3	15.4	17.0	17.7	13.9	14.9	17.1	12.0	12.9	15.2	16.0	12.5	14.7	13.0
	30.0		14.3	15.6	12.6	14.1	14.8	11.0	12.0	14.2	9.0	10.0	12.3	13.0	9.6	11.7	10.1
	32.0				10.2	11.7	12.4	8.5	9.5	11.7	6.5	7.5	9.8	10.5	7.1	9.2	7.6
	34.0				8.2	9.7	10.4	6.4	7.4	9.6		5.3	7.6	8.3		7.0	
	36.0							4.6	5.6	7.7			5.7	6.5		5.1	
	38.0								4.1	6.2			4.1	4.8			
	40.0																
	42.0																
	44.0																
	46.0																
	48.0																
	50.0																
	52.0																
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	33~82	26~82	0~82	0~82	42~82	33~82	49~82
 人	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 94 t	 9.7m × 7.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	170.0	170.0											7.0
	8.0	166.1	164.4	165.5	163.3	164.6	165.1	157.0	157.0	157.0							8.0
	9.0	148.5	146.9	147.9	145.7	147.0	147.6	144.7	145.5	147.3	143.1	143.9	145.8	146.4			9.0
	10.0	133.9	132.2	133.3	131.0	132.4	132.9	129.9	130.8	132.7	128.4	129.1	131.1	131.7	128.9	130.7	10.0
	11.0	121.4	119.7	120.8	118.6	119.9	120.5	117.4	118.3	120.2	115.8	116.6	118.6	119.3	116.4	118.2	116.9
	12.0	110.8	108.9	110.2	107.4	109.1	109.8	106.0	107.1	109.5	104.0	104.9	107.5	108.3	104.7	107.0	105.3
	14.0	86.3	84.3	85.6	82.8	84.5	85.2	81.5	82.5	84.8	79.6	80.5	82.9	83.7	80.2	82.4	80.8
	16.0	69.5	67.5	68.8	66.2	67.7	68.4	64.8	65.8	68.0	63.0	63.9	66.2	66.9	63.6	65.7	64.1
	18.0	57.3	55.4	56.7	54.1	55.6	56.2	52.8	53.7	55.8	50.8	51.8	54.1	54.8	51.4	53.6	52.0
	20.0	48.2	46.3	47.5	44.8	46.4	47.1	43.3	44.4	46.7	41.4	42.3	44.8	45.5	42.0	44.2	42.6
	22.0	41.0	38.9	40.2	37.4	39.0	39.7	36.0	37.0	39.2	34.0	35.0	37.4	38.1	34.7	36.8	35.2
	24.0	35.1	33.0	34.3	31.5	33.1	33.8	30.1	31.1	33.3	28.1	29.1	31.4	32.1	28.7	30.9	29.3
	26.0	30.6	28.2	29.5	26.7	28.2	28.9	25.2	26.2	28.4	23.3	24.2	26.5	27.2	23.9	26.0	24.4
	28.0		24.3	25.5	22.7	24.2	24.9	21.2	22.2	24.3	19.2	20.2	22.5	23.2	19.8	21.9	20.3
	30.0		21.1	22.3	19.3	20.8	21.5	17.7	18.7	20.9	15.8	16.7	19.0	19.7	16.4	18.4	16.9
	32.0				16.5	18.0	18.7	14.8	15.8	18.0	12.9	13.8	16.1	16.8	13.4	15.5	13.9
	34.0				14.1	15.6	16.3	12.3	13.3	15.5	10.4	11.3	13.5	14.2	10.9	12.9	11.3
	36.0							10.2	11.2	13.3	8.2	9.1	11.3	12.0	8.7	10.7	9.1
	38.0							8.4	9.4	11.5	6.3	7.2	9.4	10.1	6.7	8.8	7.1
	40.0										4.6	5.5	7.7	8.4	5.0	7.0	5.4
	42.0											4.1	6.3	7.0	3.5	5.5	
	44.0												5.2	5.9		4.2	
	46.0																
	48.0																
	50.0																
	52.0																
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	11
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	12~82	0~82	29~82
 人	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP+12.5mFB+0.5mSH	 57 t	 9.7m x 7.0m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	170.0	170.0	170.0	169.4	170.0	170.0										7.0
	8.0	151.9	150.3	151.3	149.1	150.4	151.0	148.1	148.9	150.7							8.0
	9.0	134.3	131.8	133.4	130.0	132.0	132.9	128.4	129.7	132.5	126.0	127.2	130.2	131.1			9.0
	10.0	110.7	108.3	109.8	106.7	108.5	109.4	105.1	106.3	109.0	102.9	104.0	106.8	107.7	103.7	106.2	10.0
	11.0	93.3	91.1	92.6	89.5	91.3	92.1	88.1	89.2	91.7	85.9	87.0	89.6	90.5	86.7	89.1	11.0
	12.0	80.1	78.0	79.3	76.5	78.2	78.9	75.0	76.1	78.5	73.0	74.0	76.5	77.3	73.7	76.0	12.0
	14.0	61.2	59.2	60.5	57.8	59.4	60.1	56.4	57.4	59.7	54.5	55.4	57.8	58.6	55.1	57.3	14.0
	16.0	48.4	46.5	47.7	45.1	46.6	47.3	43.6	44.7	46.9	41.6	42.6	45.1	45.8	42.3	44.5	16.0
	18.0	39.2	37.1	38.4	35.6	37.3	38.0	34.1	35.2	37.5	32.2	33.1	35.6	36.3	32.8	35.0	18.0
	20.0	32.0	29.9	31.2	28.4	30.1	30.8	27.0	28.0	30.3	25.0	26.0	28.4	29.1	25.7	27.8	20.0
	22.0	26.4	24.3	25.6	22.8	24.4	25.1	21.4	22.4	24.6	19.4	20.4	22.8	23.5	20.1	22.2	22.0
	24.0	21.9	19.8	21.1	18.3	19.9	20.6	16.9	17.9	20.1	15.0	15.9	18.2	19.0	15.6	17.7	24.0
	26.0	18.6	16.2	17.5	14.7	16.2	16.9	13.2	14.2	16.4	11.3	12.2	14.5	15.2	11.9	14.0	26.0
	28.0		13.2	14.5	11.6	13.2	13.9	10.1	11.1	13.3	8.2	9.1	11.4	12.1	8.8	10.9	28.0
	30.0		10.9	12.1	9.1	10.6	11.3	7.5	8.5	10.7		6.5	8.8	9.5		8.2	30.0
	32.0				7.0	8.5	9.2	5.4	6.3	8.5			6.6	7.3			32.0
	34.0				5.2	6.8	7.4	3.5	4.5	6.6			4.7	5.4			34.0
	36.0									5.0							36.0
	38.0									3.6							38.0
	40.0																40.0
	42.0																42.0
	44.0																44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	52.0																52.0
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	13~82	0~82	0~82	43~82	40~82	27~82	19~82	50~82	44~82	55~82	°
	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

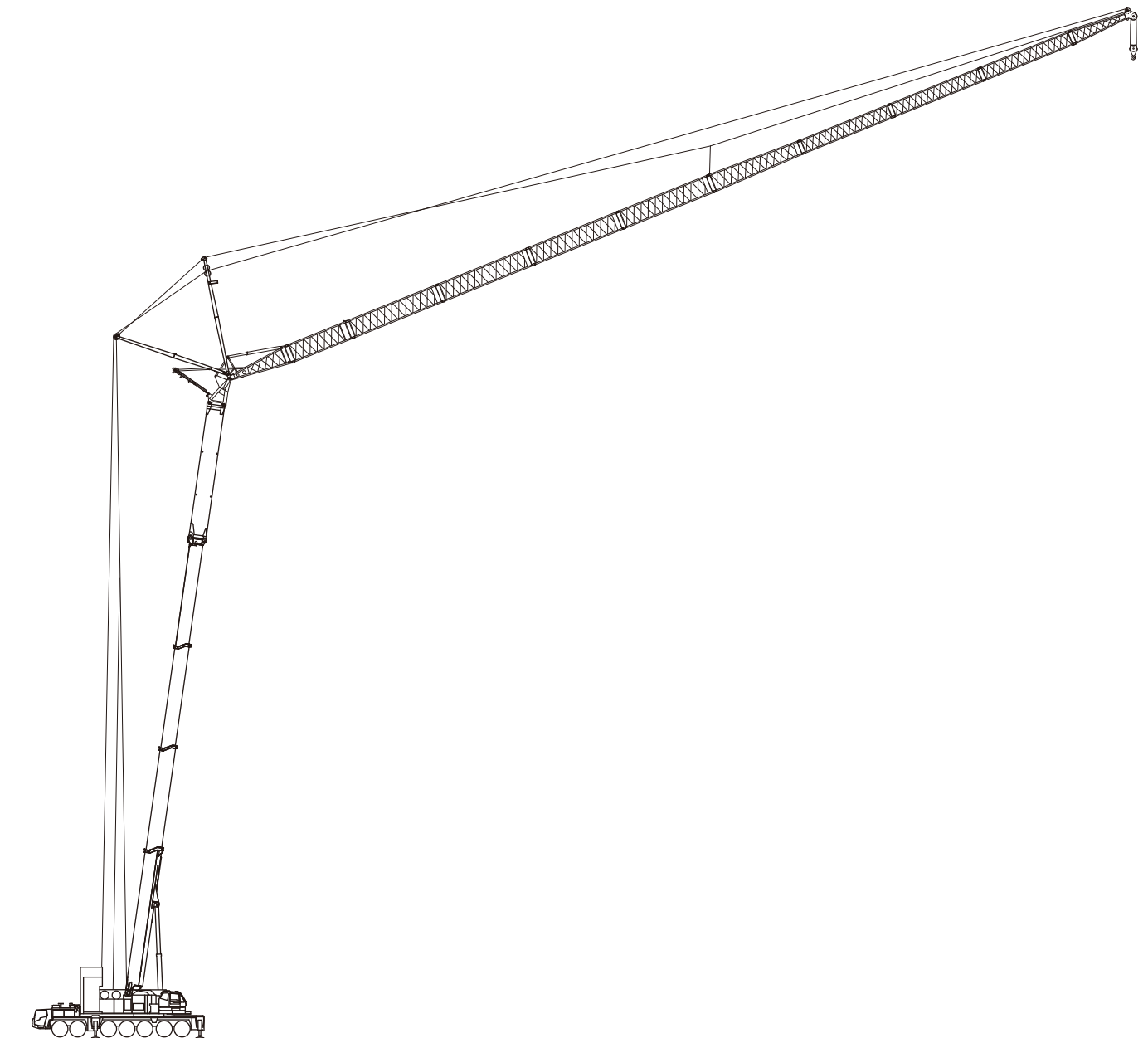
 4段ESP+12.5mFB+0.5mSH	 57 t	 9.7m x 5.8m	 360°	 JPN
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 m	14.9	19.5	19.5	24.1	24.1	24.1	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	42.5	m
合計ブーム長さ m	27.9	32.5	32.5	37.1	37.1	37.1	41.7	41.7	41.7	46.3	46.3	46.3	46.3	50.9	50.9	55.5	m
 m	4.5	170.0															4.5
	5.0	170.0															5.0
	6.0	170.0	170.0	170.0													6.0
	7.0	159.9	158.2	159.3	157.1	158.4	158.9										7.0
	8.0	129.5	127.0	128.6	125.3	127.3	128.1	123.8	125.0	127.7							8.0
	9.0	105.1	102.8	104.2	101.2	103.0	103.8	99.7	100.9	103.4	97.6	98.6	101.3	102.2			9.0
	10.0	87.5	85.4	86.8	83.9	85.6	86.3	82.5	83.6	86.0	80.4	81.4	84.0	84.8	81.1	83.5	10.0
	11.0	74.4	72.3	73.6	70.8	72.5	73.2	69.5	70.5	72.8	67.5	68.5	70.9	71.7	68.2	70.4	11.0
	12.0	64.1	62.1	63.4	60.7	62.3	63.0	59.3	60.3	62.6	57.4	58.3	60.7	61.5	58.1	60.3	12.0
	14.0	49.1	47.2	48.4	45.8	47.4	48.0	44.4	45.5	47.7	42.4	43.4	45.9	46.6	43.1	45.4	14.0
	16.0	38.7	36.7	38.0	35.2	36.9	37.6	33.8	34.9	37.1	31.9	32.8	35.3	36.0	32.5	34.7	16.0
	18.0	30.8	28.9	30.1	27.4	29.0	29.7	26.0	27.1	29.3	24.1	25.0	27.4	28.1	24.7	26.9	18.0
	20.0	24.9	22.9	24.1	21.4	23.0	23.7	20.0	21.1	23.3	18.1	19.1	21.4	22.1	18.8	20.9	20.0
	22.0	20.2	18.2	19.4	16.7	18.3	19.0	15.3	16.3	18.5	13.5	14.4	16.7	17.4	14.1	16.2	22.0
	24.0	16.5	14.4	15.7	13.0	14.5	15.2	11.5	12.5	14.7	9.7	10.6	12.9	13.6	10.3	12.3	24.0
	26.0	13.7	11.3	12.6	9.9	11.4	12.0	8.4	9.4	11.5			9.7	10.4		9.2	26.0
	28.0		8.8	10.1	7.3	8.8	9.5	5.8	6.8	8.9			7.1	7.8			28.0
	30.0		6.8	8.1	5.1	6.6	7.3			6.7							30.0
	32.0					4.8	5.5			4.8							32.0
	34.0						4.0										34.0
	36.0																36.0
	38.0																38.0
	40.0																40.0
	42.0																42.0
	44.0																44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	52.0																52.0
 %	1	0	0	0	0	0	0	50	50	0	100	100	50	0	100	50	100
	2	0	50	0	100	50	0	100	50	50	100	50	50	100	100	100	100
	3	0	0	50	0	50	100	0	50	100	0	50	100	100	50	100	100
	ID	1	2	6	3	12	7	4	13	8	5	14	15	9	16	10	ID
 t	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	t
 °	0~82	0~82	0~82	0~82	0~82	0~82	37~82	32~82	5~82	52~82	50~82	43~82	41~82	57~82	53~82	61~82	°
	17	17	17	16	16	16	14	14	14	13	13	13	13	12	12	11	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

MEMO

[illegible]

オールテレーンクレーン AR-7000N-1 ラフティングジブ



4段ESP
+LJ

4段ESP
+FB+LJ

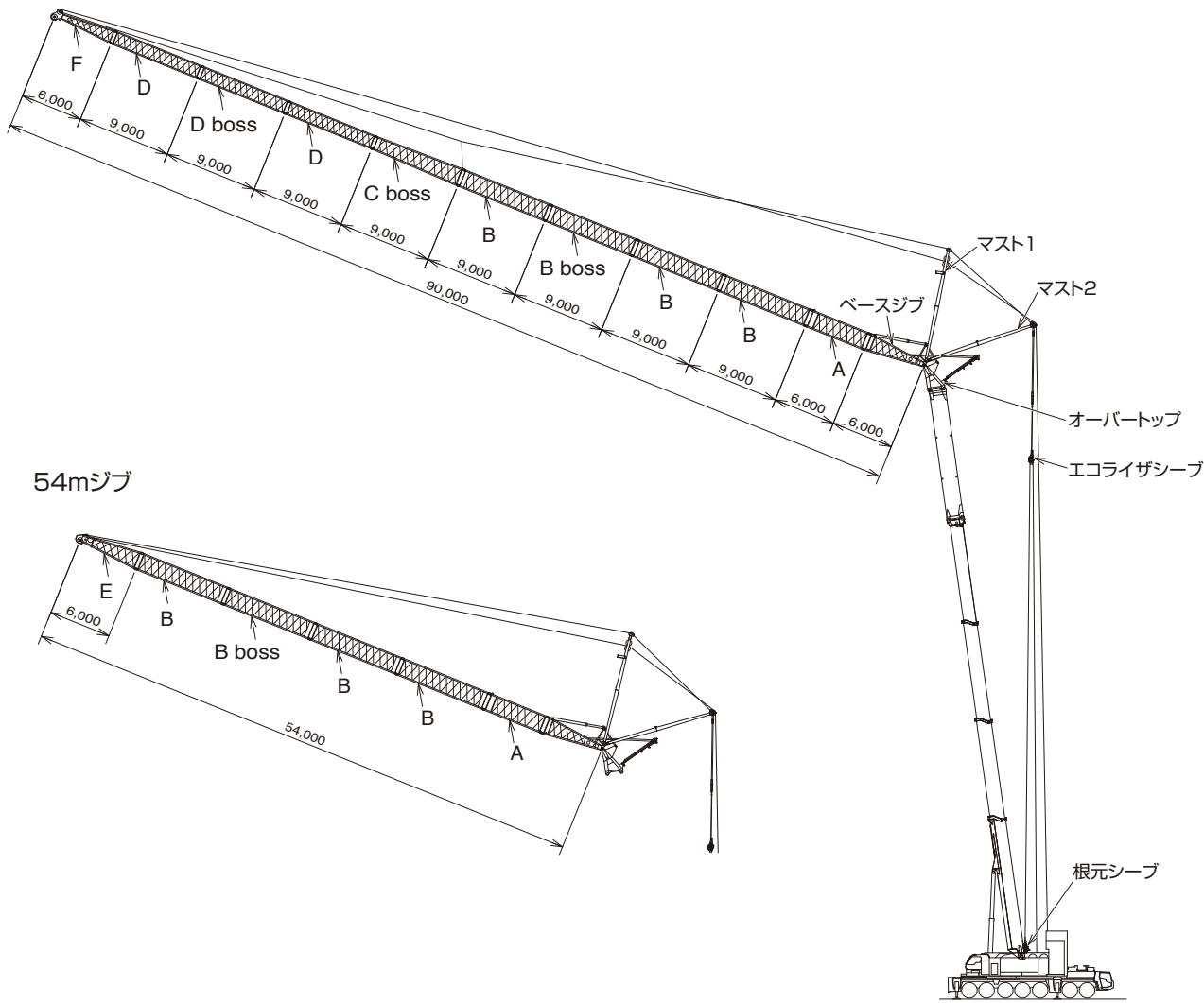
4段ESP
+FB×2+LJ

ラフィングジブ

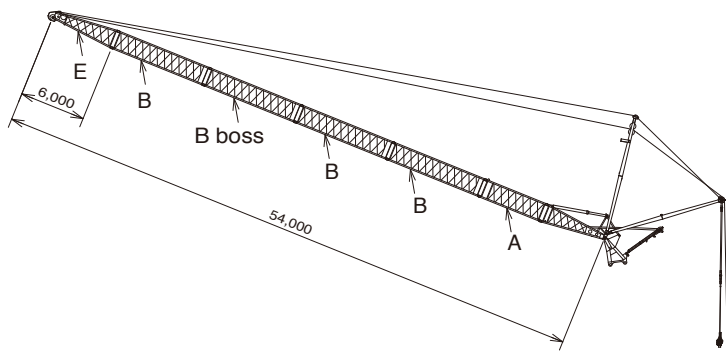
■ ラフィングジブ(LJ)の構成

単位(mm)

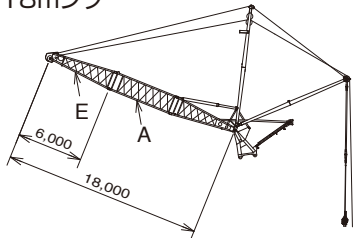
90mジブ



54mジブ



18mジブ





ラフinggジブ(LJ)長さ 組合せ

18mジブ	
27mジブ	
36mジブ	
45mジブ	
54mジブ	
63mジブ	
72mジブ	
81mジブ	
90mジブ	

ジブの組合せは上記に従ってください。これ以外の組合せは禁止します。

各部の重量

記 号	名 称	重 量
—	マストAss'y(マスト1+マスト2)	5.3 t
—	ベースジブ+オーバートップ	7.7 t
A	ミドル1ジブ	1.4 t
B	ミドル2ジブ	2.0 t
B boss	ミドル2ジブ+bossジブ	2.0 t
C boss	レデューサジブ	2.1 t
D	ミドル3ジブ	1.6 t
D boss	ミドル3+bossジブ	1.6 t
E	トップ1ジブ	2.6 t
F	トップ2ジブ	1.9 t
—	エコライザシーブ	0.6 t
—	根元シーブ	0.6 t

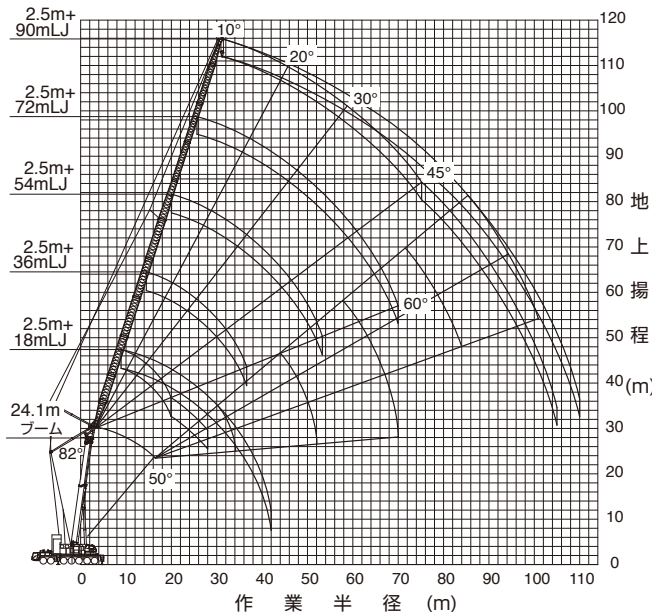
4段ESP
+LJ

4段ESP
+FB+LJ

4段ESP
+FB×2+LJ

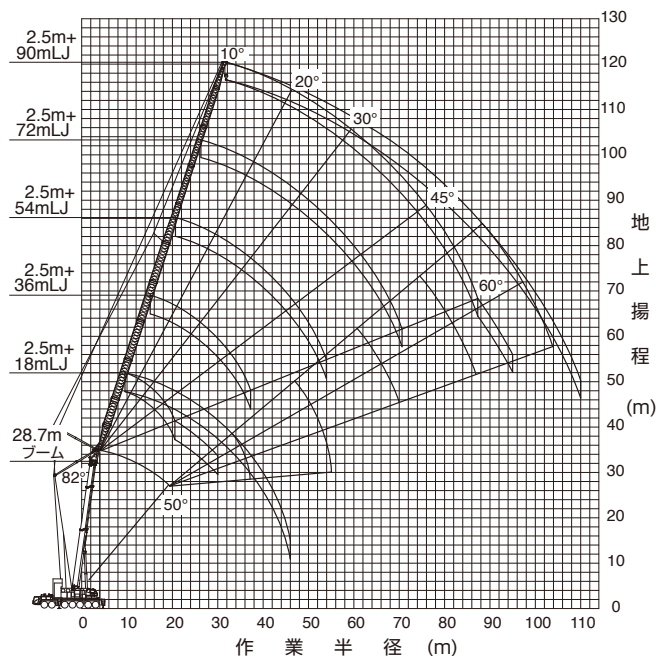
4段ESPブーム+ラフィングジブ(LJ)作業半径－揚程図

24.1m4段ESPブーム
+2.5m+ラフィングジブ(LJ)



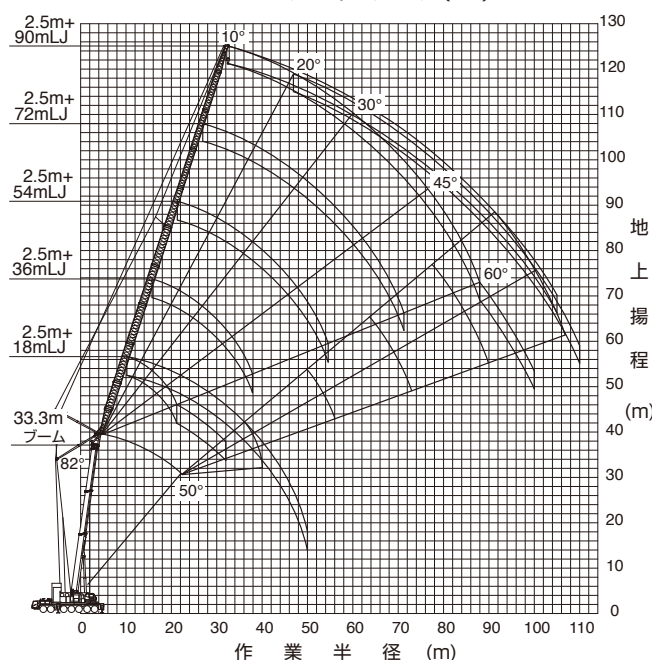
(注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。

28.7m4段ESPブーム
+2.5m+ラフィングジブ(LJ)



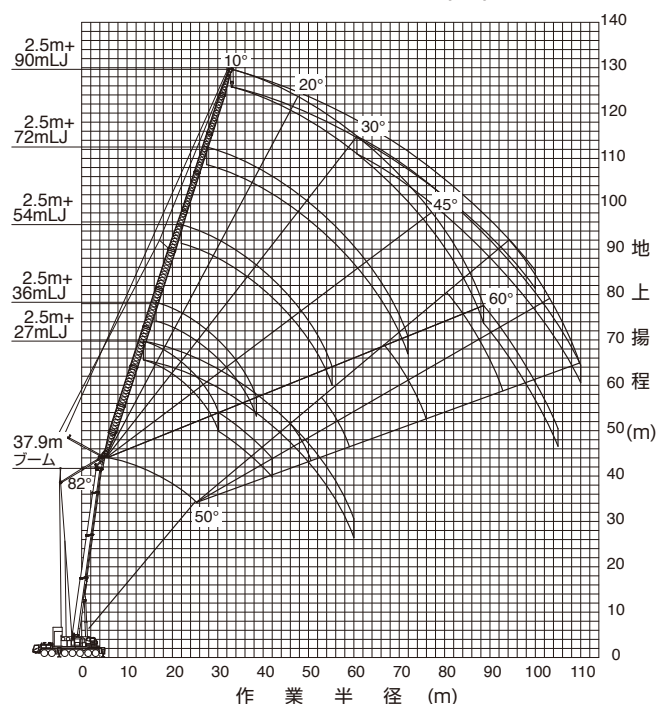
(注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。

33.3m4段ESPブーム
+2.5m+ラフィングジブ(LJ)



(注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。

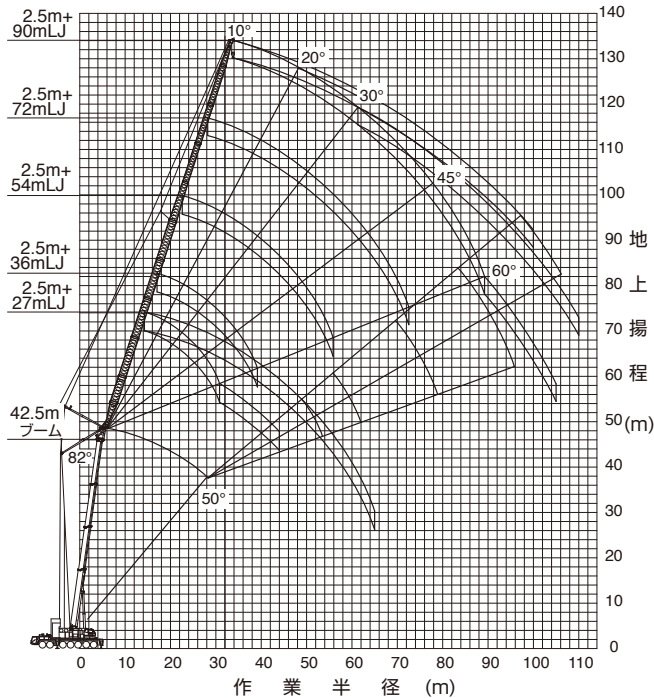
37.9m4段ESPブーム
+2.5m+ラフィングジブ(LJ)



(注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。



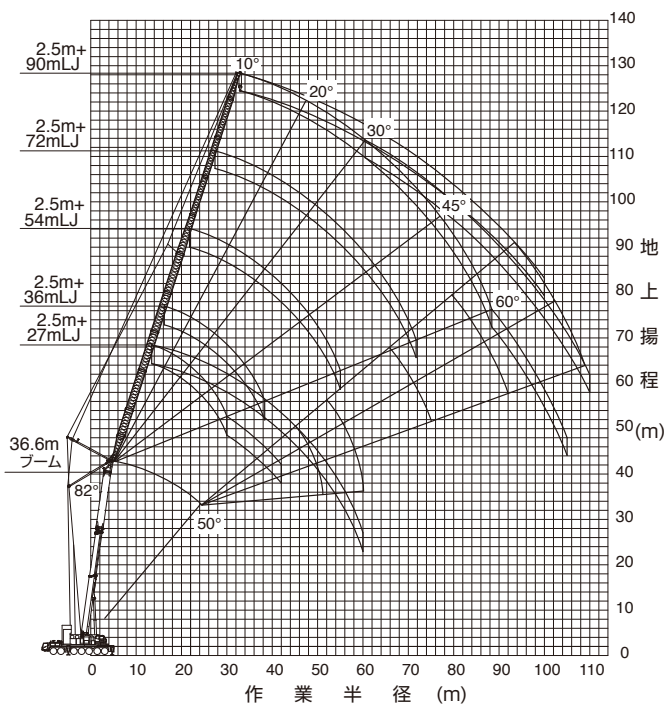
42.5m4段ESPブーム +2.5m+ラフィングジブ(LJ)



(注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。

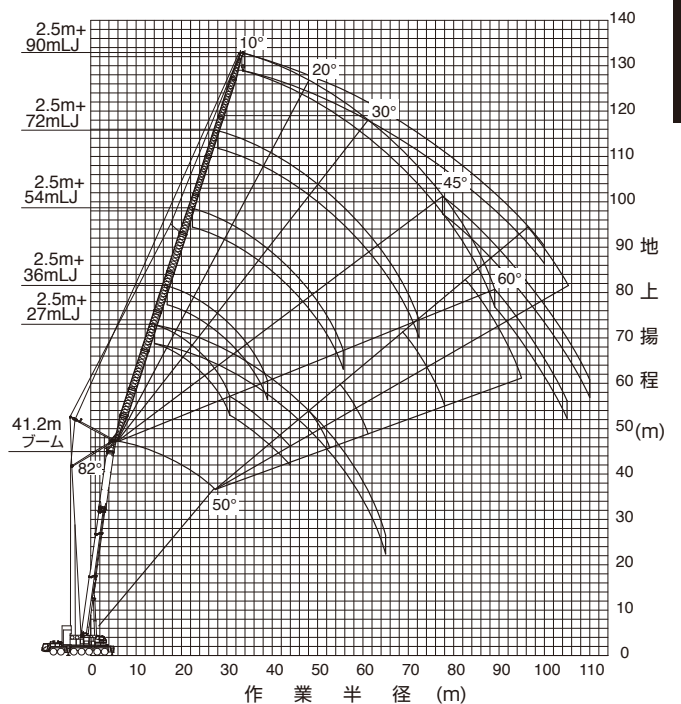
4段ESPブーム+フィックスブーム(FB)+ラフィングジブ(LJ)作業半径－揚程図

24.1m4段ESPブーム+12.5mフィックスブーム(FB) +2.5m+ラフィングジブ(LJ)



(注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。
3. ブーム長さは、4段ESPブームと12.5mフィックスブームの合計ブーム長さを示しています。

28.7m4段ESPブーム+12.5mフィックスブーム(FB) +2.5m+ラフィングジブ(LJ)



(注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。
3. ブーム長さは、4段ESPブームと12.5mフィックスブームの合計ブーム長さを示しています。

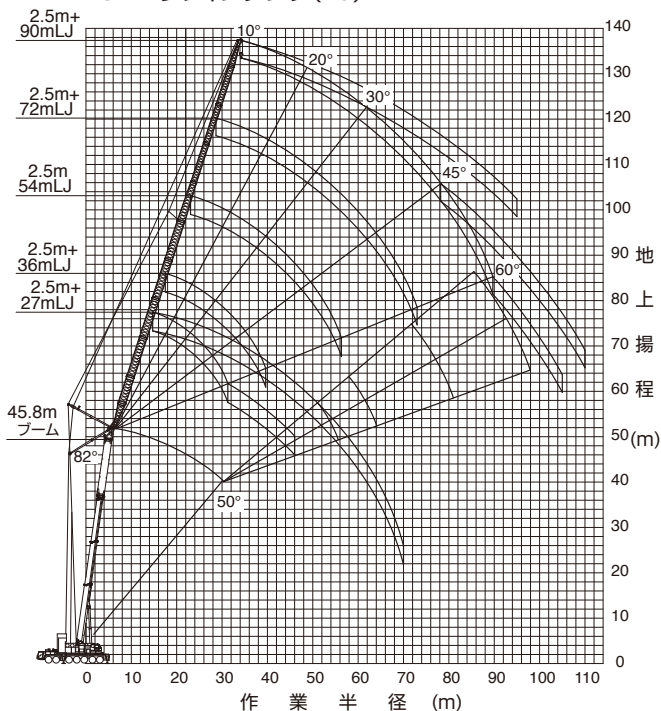
4段ESP
+LJ

4段ESP
+FB+LJ

4段ESP
+FB×2+LJ

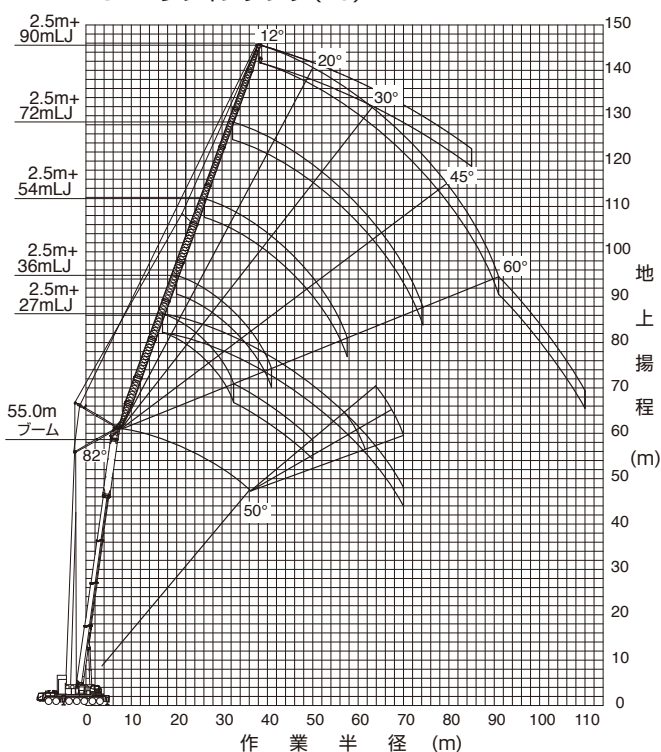
ラフィングジブ

33.3m4段ESPブーム+12.5mフィックスブーム(FB)
+2.5m+ラフィングジブ(LJ)



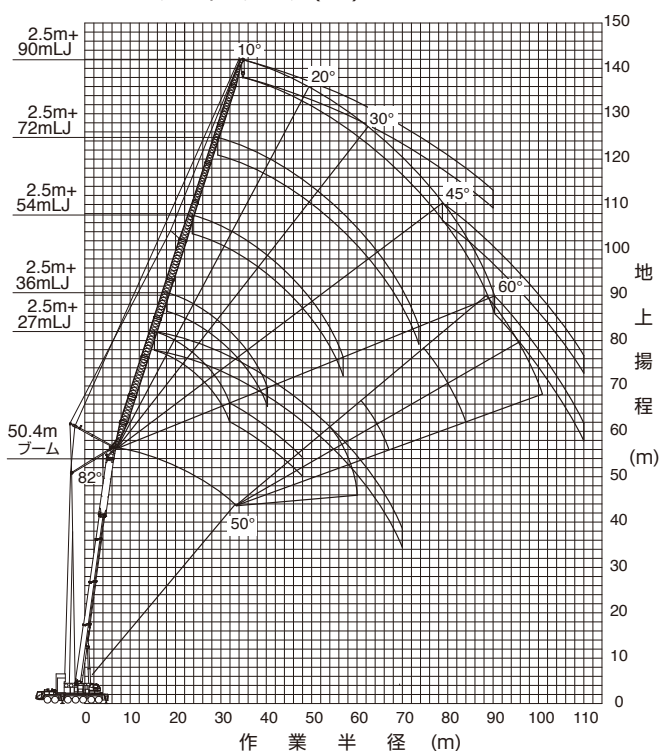
- (注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。
3. ブーム長さは、4段ESPブームと12.5mフィックスブームの合計ブーム長さを示しています。

42.5m4段ESPブーム+12.5mフィックスブーム(FB)
+2.5m+ラフィングジブ(LJ)



- (注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。
3. ブーム長さは、4段ESPブームと12.5mフィックスブームの合計ブーム長さを示しています。

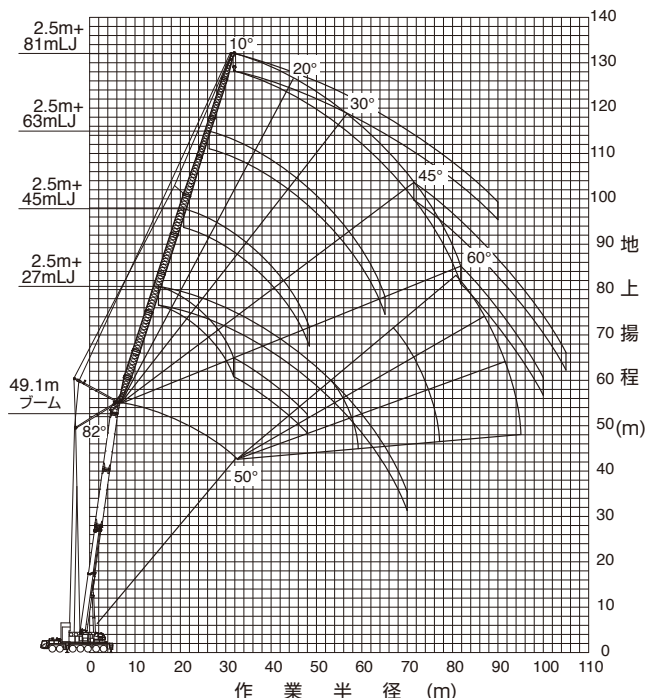
37.9m4段ESPブーム+12.5mフィックスブーム(FB)
+2.5m+ラフィングジブ(LJ)



- (注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。
3. ブーム長さは、4段ESPブームと12.5mフィックスブームの合計ブーム長さを示しています。

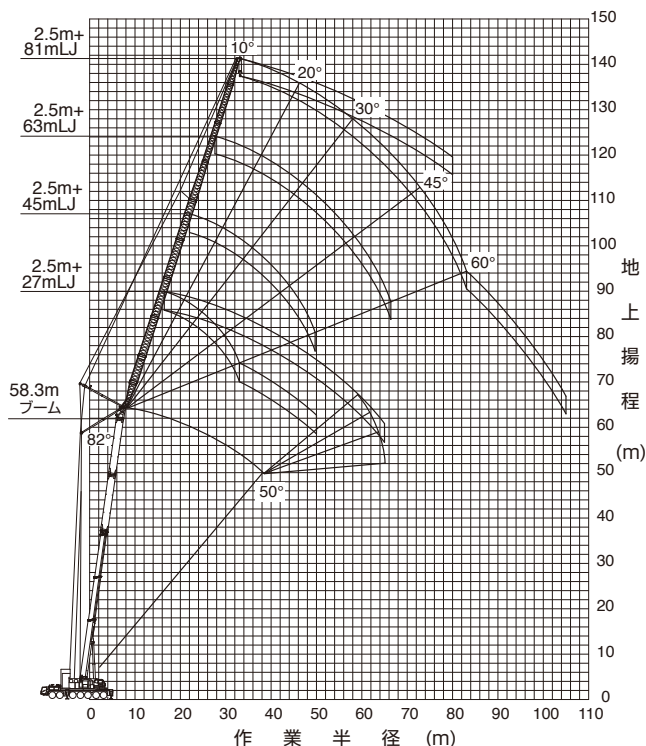
4段ESPブーム+フィックスブーム(FB)×2+ラフィングジブ(LJ)作業半径－揚程図

24.1m4段ESPブーム+25.0mフィックスブーム(FB)×2
+2.5m+ラフィングジブ(LJ)



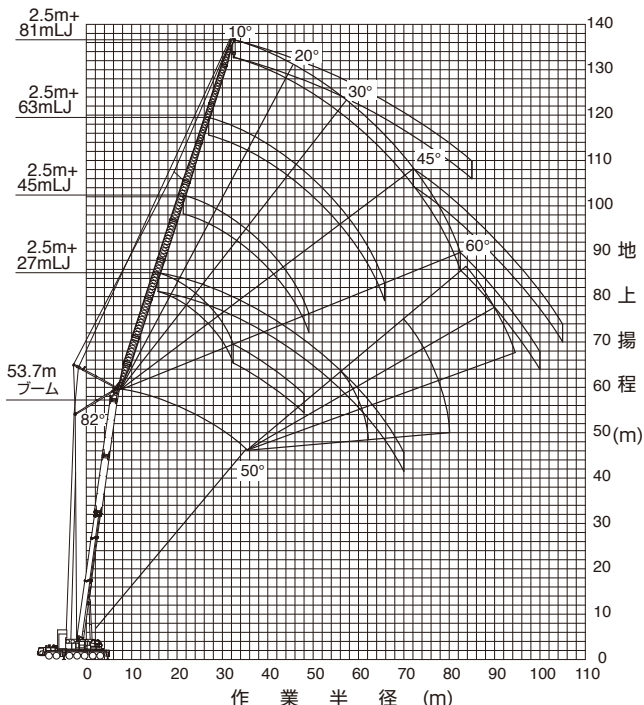
- (注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。
3. ブーム長さは、4段ESPブームと25.0mフィックスブームの合計ブーム長さを示しています。

33.3m4段ESPブーム+25.0mフィックスブーム(FB)×2
+2.5m+ラフィングジブ(LJ)



- (注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。
3. ブーム長さは、4段ESPブームと25.0mフィックスブームの合計ブーム長さを示しています。

28.7m4段ESPブーム+25.0mフィックスブーム(FB)×2
+2.5m+ラフィングジブ(LJ)



- (注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト208 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を図示しています。
3. ブーム長さは、4段ESPブームと25.0mフィックスブームの合計ブーム長さを示しています。

4段ESP
+LJ

4段ESP
+FB+LJ

4段ESP
+FB×2+LJ

ラフィングジブ

4段ESPブーム+ラフィングジブ(LJ)、 4段ESPブーム+フィックスブーム(FB)+ラフィングジブ(LJ)、 4段ESPブーム+フィックスブーム(FB)×2+ラフィングジブ(LJ) 定格総荷重表

■ 定格総荷重表注意事項

- ◆性能設定のあるカウンタウイトとアウトリガ張出幅の組合せを、下表に○印で示します。
AJ付はアシストジャッキを装着している状態を示します。
また、ラフィングジブの性能設定ジブ長さは4段ESPブームとフィックスブーム(FB)の組合せごとに下表※のようにになっています。

【4段ESPブーム+ラフィングジブ(LJ)】

カウンタウイト アウトリガ張出幅	208 t	195 t	164 t	127 t	94 t
9.0 m (AJ付)	○	○	○	○	○
9.0 m	○	○	○	○	○
8.0 m				○	

※【4段ESPブーム+ラフィングジブ(LJ)】

カウンタウイト アウトリガ張出幅	208 t	195 t	164 t	127 t	94 t
9.0 m (AJ付)	18~90m	18~90m	18~81m	18~81m	18~54m
9.0 m	18~90m	18~90m	18~81m	18~81m	18~54m
8.0 m				18~54m	

【4段ESPブーム+フィックスブーム(FB)+ラフィングジブ(LJ)】

カウンタウイト アウトリガ張出幅	208 t	195 t	164 t	127 t	94 t
9.0 m (AJ付)	○	○	○	○	○
9.0 m	○	○	○	○	○
8.0 m				○	

※【4段ESPブーム+フィックスブーム(FB)+ラフィングジブ(LJ)】

カウンタウイト アウトリガ張出幅	208 t	195 t	164 t	127 t	94 t
9.0 m (AJ付)	27~90m	27~90m	27~81m	27~81m	27~54m
9.0 m	27~90m	27~90m	27~81m	27~81m	27~54m
8.0 m				27~54m	

【4段ESPブーム+フィックスブーム(FB)×2+ラフィングジブ(LJ)】

カウンタウイト アウトリガ張出幅	208 t	195 t	164 t	127 t	94 t
9.0 m (AJ付)	○	○	○		
9.0 m	○	○	○		

※【4段ESPブーム+フィックスブーム(FB)×2+ラフィングジブ(LJ)】

カウンタウイト アウトリガ張出幅	208 t	195 t	164 t	127 t	94 t
9.0 m (AJ付)	27~81m	27~81m	27~63m		
9.0 m	27~81m	27~81m	27~63m		

- ◆定格総荷重は、つり具質量とフック質量(350tフック:3,460kg、150tフック:2,400kg、80tフック:1,870kg、25tフック:1,200kg)を含んだ値を示します。
- ◆定格総荷重は、ブームとジブのたわみを含んだ実際の作業半径に基づいています。
- ◆定格総荷重表中の標準巻掛本数より少ない本数で使用する場合、最大荷重の上限は下表のとおりです。

巻掛本数	12本	10本	8本	6本	4本	2本
最大荷重	146.5t	123.2t	99.5t	75.0t	50.0t	25.0t

ただし、この掛数以外で使用する場合は、ロープ1本当りの荷重は、主巻・補巻ともに12.5t以下です。

- ◆起伏用ワイロープは、8本掛けです。
- ◆Bピン(ブーム固定ピン)を挿入していない状態では使用できません。
- ◆定格総荷重は、アウトリガを水平堅土上に設置したときの値です。
- ◆定格総荷重表は、風による影響を含んでいません。瞬間最大風速が10m/s以上の風速では、クレーン作業を中止してください。
- ◆定格総荷重表中の太線より上側はクレーンの強度に基づき、下側はクレーンの安定に基づいています。



定格総荷重表中のシンボル、記号の説明

		4段 ESP+ ラフinggジブ (LJ) の定格総荷重を 示します。		定格総荷重の単位を示します。
		4段 ESP+フィックスブーム (FB)+ ラフinggジブ (LJ) の定格総荷重を 示します。		ブーム長さを示します。
		4段 ESP +フィックスブーム (FB)×2+ ラフinggジブ (LJ) の定格総荷重を 示します。		ジブのオフセット角度を示し、ブームの中心線と ジブの中心線のなす角度を示します。
	ラフinggジブ (LJ) のジブ長さを示します。			作業半径を示します。
	カウンタウエイト (C/W) 組合せを示します。			ブーム伸縮状態 (伸縮割合 %) を示します。 IDはブーム伸縮状態に対応する番号を示します。
	アウトリガ張出幅を示します。			無負荷状態で作動可能なブーム起伏角度範囲 を示します。
	アシストジャッキ (AJ) を装着している状態を示します。			標準巻掛本数を示します。
	吊上げ可能な旋回範囲を示します。 360°旋回可能です。			標準フックを示します。

4段ESP
+LJ

4段ESP
+FB+LJ

4段ESP
+FB×2+LJ

ラフィングジブ

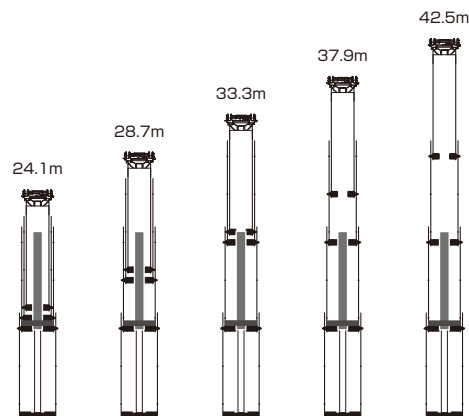
■ 定格総荷重表の見方

- 1. ブームの構成、ジブ長さ、カウンタウエイトの重量、アウトリガ張出幅、アシストジャッキ(AJ)の装着の有無に応じた性能を選択します。
- 2. ブーム長さとのIDとオフセット角度の欄を見ます。
- 3. 作業半径を見ます。
- 4. オフセット角度と作業半径が交差するところが定格総荷重です。

4段ESP		2.5m+27mLJ		208 t		9.7m × 9.0m		AJ		360°		JPN															
	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
	°	10.0	20.0	30.0	45.0	60.0	10.0	20.0	30.0	45.0	60.0	10.0	20.0	30.0	45.0	60.0	10.0	20.0	30.0	45.0	60.0	10.0	20.0	30.0	45.0	60.0	°
	14.0	118.5					107.2																				14.0
	16.0	106.9					107.2					91.5						75.9									16.0
	18.0	96.5	83.7				99.9	85.8				91.5						75.9					63.8				18.0
	20.0	87.9	77.6				91.3	79.8				91.5	83.7					75.9	75.9				63.8				20.0
	22.0	80.7	72.3	63.5			83.9	74.6	65.3			86.3	78.4					75.9	75.9				63.8	63.8			22.0
	24.0	74.6	67.7	60.1			77.7	70.1	62.0			79.4	73.7	64.8				75.9	75.8	66.3			63.8	63.8			24.0
	26.0	69.3	63.7	57.0	47.0		72.3	66.0	59.0			73.3	69.5	61.8				70.7	71.5	63.3			63.8	63.8			26.0
	28.0	64.7	60.1	54.3	45.2		67.5	62.4	56.3	46.8		68.0	65.8	59.0	48.9			65.6	66.4	60.7			63.0	63.8	62.2		28.0
	30.0	60.6	56.9	51.9	43.6	35.6	61.9	59.2	53.9	45.3	37.0	61.3	62.5	56.6	47.3			60.9	61.9	58.2	48.6		58.7	59.6	59.8	49.7	30.0
	32.0	57.0	54.0	49.7	42.2	34.8	56.0	56.4	51.7	43.9	36.2	55.4	57.7	54.3	45.9	37.8	55.0	57.4	56.0	47.2	38.8	54.6	55.7	56.5	48.3		32.0
	34.0	51.9	51.4	47.7	40.9	34.1	50.9	52.8	49.7	42.7	35.5	50.2	52.4	52.3	44.7	37.1	49.9	52.1	53.9	45.9	38.1	49.5	51.8	53.0	47.1	39.0	34.0
	36.0	47.5	49.0	45.9	39.8	33.6	46.4	48.1	47.9	41.5	34.9	45.7	47.7	49.5	43.5	36.5	45.4	47.4	49.3	44.8	37.5	45.0	47.1	49.1	45.9	38.4	36.0
	38.0	43.5	44.9	44.2	38.8		42.4	44.0	45.5	40.5	34.5	41.8	43.5	45.1	42.4	36.0	41.4	43.3	45.0	43.7	36.9	41.1	43.0	44.8	44.9	37.8	38.0
	40.0	40.0	41.2	42.3	38.0		38.9	40.3	41.6	39.6		38.2	39.8	41.3	41.5	35.5	37.9	39.6	41.1	42.8	36.5	37.6	39.3	41.0	43.1	37.3	40.0
	42.0	36.8	37.8	38.8	37.3		35.8	37.0	38.1	38.8		36.5	37.8	39.4			34.8	36.3	37.7	39.4	36.1	34.4	36.0	37.5	39.4	36.9	42.0
44.0	34.0	34.8	35.6			32.9	34.0	35.0	36.1		33.5	34.7	36.0			31.9	33.3	34.6	36.1		31.6	33.1	34.4	36.1	36.6	44.0	
46.0	31.4	32.1	32.7			30.4	31.3	32.1	33.0		30.8	31.8	32.9			29.4	30.6	31.8	33.1		29.1	30.4	31.6	33.1		46.0	
48.0	29.1	29.6				28.1	28.8	29.5			27.4	28.3	29.2	30.1			27.0	28.2	29.2	30.3		26.7	28.0	29.1	30.4	48.0	
50.0	23.4					25.9	26.6	27.1			25.2	26.1	26.8			24.9	25.9	26.8	27.7		24.6	25.7	26.7	27.9		50.0	
55.0						16.8					20.6	21.2	21.5			20.3	21.1	21.7			20.1	20.9	21.6			55.0	
60.0																16.6	17.0				16.3	16.9	17.4			60.0	
65.0																						13.1	13.5			65.0	
70.0																										70.0	
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	18	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
	°	18~82	30~82	39~82	52~82	68~82	15~82	35~82	38~82	50~82	67~82	29~82	32~82	34~82	51~82	67~82	27~82	30~82	42~82	53~82	67~82	25~82	27~82	39~82	57~82	66~82	°
		10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

■ 性能ブロック図

性能設定のあるIDを示します。



性能ブロック	6	7	1	5	2
ID	17	18	5	16	11

						
4段ESP	2.5m+18mLJ	208 t	9.7m x 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 12.0	140.0															12.0
 14.0	140.0	124.5				136.9	129.7				120.0					14.0
 16.0	126.6	114.7	97.7			121.9	120.1	100.6			117.4	117.7				16.0
 18.0	113.8	106.2	91.8			109.6	109.8	94.9			105.7	106.1	98.6			18.0
 20.0	102.3	99.0	86.7	69.9		99.4	99.7	90.0	72.8		95.8	96.3	93.8			20.0
 22.0	91.3	92.8	82.2	67.2	53.8	90.5	91.1	85.6	70.2	56.0	87.5	88.0	88.4	73.6		22.0
 24.0	82.0	83.8	78.3	64.8	52.6	81.2	83.1	81.7	67.8	54.8	80.3	80.9	81.4	71.2	57.2	24.0
 26.0	74.2	75.7	74.8	62.7	51.6	73.4	75.1	76.6	65.7	53.8	72.9	74.6	75.1	69.1	56.2	26.0
 28.0	66.6	68.1	69.6	60.9	50.9	65.6	67.4	69.0	63.9	53.0	65.1	67.0	68.8	67.2	55.3	28.0
 30.0	59.8	61.1	62.3	59.4		58.8	60.4	61.8	62.2	52.4	58.3	60.0	61.5	63.4	54.6	30.0
 32.0	54.0	55.1	56.1	57.1		53.0	54.4	55.6	56.9		52.5	54.0	55.3	56.9	54.0	32.0
 34.0	48.9	49.9	50.6	51.3		48.0	49.2	50.2	51.2		47.4	48.8	49.9	51.2		34.0
 36.0	44.5	45.2	45.8			43.6	44.6	45.4	46.2		43.0	44.2	45.2	46.3		36.0
 38.0	40.6	41.1	41.5			39.7	40.5	41.2			39.1	40.1	41.0	41.8		38.0
 40.0	35.8	37.5				36.3	36.9	37.4			35.7	36.5	37.2	37.8		40.0
 42.0	24.8					33.2	33.7	34.0			32.6	33.3	33.9			42.0
 44.0						30.2	30.7				29.8	30.4	30.8			44.0
 46.0						22.4					27.3	27.7	28.0			46.0
 48.0											25.0	25.3				48.0
 50.0											19.6					50.0
 55.0																55.0
 60.0																60.0
 65.0																65.0
 1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
 2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
 ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
 °	11~82	26~82	36~82	50~82	66~82	15~82	27~82	35~82	52~82	65~82	18~82	27~82	34~82	49~82	65~82	°
 12	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	
 350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP	2.5m+27mLJ	208 t	9.7m x 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	14.0	118.5				107.2																				14.0	
	16.0	106.9				107.2					91.5					75.9										16.0	
	18.0	96.5	83.7			99.9	85.8				91.5					75.9					63.8					18.0	
	20.0	87.9	77.6			91.3	79.8				91.5	83.7				75.9	75.9				63.8					20.0	
	22.0	80.7	72.3	63.5		83.9	74.6	65.3			86.3	78.4				75.9	75.9				63.8	63.8				22.0	
	24.0	74.6	67.7	60.1		77.7	70.1	62.0			79.4	73.7	64.8			75.9	75.8	66.3			63.8	63.8				24.0	
	26.0	69.3	63.7	57.0	47.0		72.3	66.0	59.0		73.3	69.5	61.8			70.7	71.5	63.3			63.8	63.8	63.8			26.0	
	28.0	64.7	60.1	54.3	45.2		67.5	62.4	56.3	46.8	68.0	65.8	59.0	48.9		65.6	66.4	60.7			63.0	63.8	62.2			28.0	
	30.0	60.6	56.9	51.9	43.6	35.6	61.9	59.2	53.9	45.3	37.0	61.3	62.5	56.6	47.3		60.9	61.9	58.2	48.6		58.7	59.6	59.8	49.7	30.0	
	32.0	57.0	54.0	49.7	42.2	34.8	56.0	56.4	51.7	43.9	36.2	55.4	57.7	54.3	45.9	37.8	55.0	57.4	56.0	47.2	38.8	54.6	55.7	56.5	48.3	32.0	
	34.0	51.9	51.4	47.7	40.9	34.1	50.9	52.8	49.7	42.7	35.5	50.2	52.4	52.3	44.7	37.1	49.9	52.1	53.9	45.9	38.1	49.5	51.8	53.0	47.1	39.0	34.0
	36.0	47.5	49.0	45.9	39.8	33.6	46.4	48.1	47.9	41.5	34.9	45.7	47.7	49.5	43.5	36.5	45.4	47.4	49.3	44.8	37.5	45.0	47.1	49.1	45.9	38.4	36.0
	38.0	43.5	44.9	44.2	38.8		42.4	44.0	45.5	40.5	34.5	41.8	43.5	45.1	42.4	36.0	41.4	43.3	45.0	43.7	36.9	41.1	43.0	44.8	44.9	37.8	38.0
	40.0	40.0	41.2	42.3	38.0		38.9	40.3	41.6	39.6		38.3	39.8	41.3	41.5	35.5	37.9	39.6	41.1	42.8	36.5	37.6	39.3	41.0	43.1	37.3	40.0
	42.0	36.8	37.8	38.8	37.3		35.8	37.0	38.1	38.8		35.1	36.5	37.8	39.4		34.8	36.3	37.7	39.4	36.1	34.4	36.0	37.5	39.4	36.9	42.0
	44.0	34.0	34.8	35.6			32.9	34.0	35.0	36.1		32.3	33.5	34.7	36.0		31.9	33.3	34.6	36.1		31.6	33.1	34.4	36.1	36.6	44.0
	46.0	31.4	32.1	32.7			30.4	31.3	32.1	33.0		29.7	30.8	31.8	32.9		29.4	30.6	31.8	33.1		29.1	30.4	31.6	33.1		46.0
48.0	29.1	29.6				28.1	28.8	29.5			27.4	28.3	29.2	30.1		27.0	28.2	29.2	30.3		26.7	28.0	29.1	30.4		48.0	
50.0	23.4					25.9	26.6	27.1			25.2	26.1	26.8			24.9	25.9	26.8	27.7		24.6	25.7	26.7	27.9		50.0	
55.0						16.8					20.6	21.2	21.5			20.3	21.1	21.7			20.1	20.9	21.6			55.0	
60.0																16.6	17.0				16.3	16.9	17.4			60.0	
65.0																					13.1	13.5				65.0	
70.0																										70.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
 °	18~82	30~82	39~82	52~82	68~82	15~82	35~82	38~82	50~82	67~82	29~82	32~82	34~82	51~82	67~82	27~82	30~82	42~82	53~82	67~82	25~82	27~82	39~82	57~82	66~82	°	
	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

ラフイングジブ

 4ESP		 2.5m+36mLJ		 208 t		 9.7m × 9.0m		 AJ		 360 °		 JPN	
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	16.0	84.8																								16.0	
	18.0	82.7				73.1					63.7															18.0	
	20.0	75.1				73.1					63.7					54.0					46.2					20.0	
	22.0	68.8	61.6			72.8	64.5				63.7					54.0					46.2					22.0	
	24.0	63.4	57.5			67.0	60.3				63.7	61.5				54.0	54.0				46.2					24.0	
	26.0	58.7	53.9			62.1	56.6				63.7	57.8				54.0	54.0				46.2	46.2				26.0	
	28.0	54.7	50.7	45.6		57.8	53.3	47.7			59.7	54.6				54.0	54.0				46.2	46.2				28.0	
	30.0	51.1	47.9	43.3		54.0	50.3	45.5			55.8	51.7	46.5			54.0	53.0	47.5			46.2	46.2				30.0	
	32.0	48.0	45.3	41.3		50.7	47.7	43.4			52.4	49.0	44.5			54.0	50.3	45.5			46.2	46.2	46.2			32.0	
	34.0	45.2	43.0	39.5	33.2		47.7	45.3	41.6	34.9		49.4	46.7	42.7			51.2	48.0	43.7			46.2	46.2	44.7		34.0	
	36.0	42.7	40.9	37.8	32.1		45.1	43.2	39.8	33.8		46.7	44.5	41.0	34.7		47.3	45.8	42.0	35.5		46.2	46.2	43.0		36.0	
	38.0	40.4	39.0	36.3	31.0	25.4	42.7	41.2	38.3	32.7		43.8	42.5	39.4	33.7		43.3	43.8	40.5	34.5		42.8	45.1	41.5	35.3	38.0	
	40.0	38.3	37.3	34.9	30.1	24.8	40.5	39.4	36.8	31.7	26.2	40.2	40.7	38.0	32.7	27.0	39.7	42.0	39.1	33.6		39.3	41.6	40.1	34.4	40.0	
	42.0	36.5	35.7	33.6	29.2	24.3	38.0	37.7	35.5	30.9	25.7	37.0	39.0	36.7	31.9	26.5	36.5	38.6	37.8	32.7	27.3	36.1	38.2	38.8	33.5	27.9	42.0
	44.0	34.8	34.3	32.4	28.4	23.9	35.1	36.2	34.3	30.1	25.2	34.1	35.9	35.5	31.1	26.1	33.7	35.6	36.5	31.9	26.8	33.2	35.2	37.2	32.8	27.5	44.0
	46.0	33.2	32.9	31.4	27.7	23.6	32.4	33.9	33.2	29.3	24.8	31.5	33.2	34.3	30.3	25.7	31.0	32.8	34.5	31.2	26.4	30.6	32.5	34.3	32.0	27.1	46.0
48.0	30.9	31.7	30.4	27.1		30.1	31.4	32.1	28.7	24.6	29.1	30.7	32.1	29.7	25.3	28.7	30.3	31.9	30.5	26.0	28.2	30.0	31.6	31.3	26.7	48.0	
50.0	28.7	29.7	29.5	26.6		27.9	29.1	30.3	28.1		26.9	28.3	29.7	29.0	25.1	26.5	28.0	29.5	29.9	25.7	26.1	27.7	29.2	30.7	26.4	50.0	
55.0	24.0	24.7	25.3			23.2	24.1	24.9	25.8		22.3	23.4	24.4	25.5		21.8	23.1	24.2	25.6		21.4	22.8	24.0	25.5		55.0	
60.0	14.0					19.3	19.9	20.3			18.4	19.2	19.9			18.0	19.0	19.8	20.7		17.6	18.7	19.7	20.8		60.0	
65.0											15.2	15.7				14.8	15.5	16.1			14.4	15.3	16.0			65.0	
70.0																12.0	12.4				11.5	12.2	12.7			70.0	
75.0																					9.0	9.4				75.0	
 °	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	11~82	35~82	38~82	54~82	65~82	28~82	32~82	35~82	49~82	65~82	26~82	30~82	43~82	54~82	65~82	24~82	27~82	40~82	51~82	67~82	22~82	25~82	37~82	55~82	70~82	°	
	 m	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
 t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

 4段ESP					 2.5m+45mLJ					 208 t					 9.7m x 9.0m					 AJ					 360°					 JPN				
 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m								
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°								
 m	20.0	59.2				50.0																				20.0								
	22.0	59.2				50.0						45.9					39.5									22.0								
	24.0	57.4				50.0						45.9					39.5				34.1					24.0								
	26.0	53.0	48.4			50.0						45.9					39.5				34.1					26.0								
	28.0	49.2	45.4			50.0	48.2					45.9	45.9				39.5				34.1					28.0								
	30.0	45.9	42.7			49.0	45.4					45.9	45.9				39.5	39.5			34.1	34.1				30.0								
	32.0	42.9	40.3	36.5		45.8	42.8					45.9	43.7				39.5	39.5			34.1	34.1				32.0								
	34.0	40.3	38.1	34.7		42.9	40.5	36.8				44.1	41.4	37.5			39.5	39.5			34.1	34.1				34.0								
	36.0	38.0	36.2	33.1		40.4	38.4	35.1				41.5	39.3	35.9			39.5	39.5	36.5		34.1	34.1	34.1			36.0								
	38.0	35.8	34.4	31.7		38.1	36.5	33.6				39.2	37.4	34.4			39.5	38.3	35.1		34.1	34.1	34.1			38.0								
	40.0	33.9	32.8	30.3	25.6	36.0	34.8	32.2				37.1	35.7	33.0			38.3	36.6	33.7		34.1	34.1	34.1			40.0								
	42.0	32.2	31.3	29.1	24.7	34.2	33.2	30.9	26.2			35.2	34.1	31.7	26.9		36.3	35.0	32.5		34.1	34.1	33.2			42.0								
	44.0	30.6	29.9	28.0	23.9	32.5	31.8	29.7	25.4			33.5	32.7	30.6	26.1		34.5	33.6	31.3	26.7	34.1	34.1	32.0			44.0								
	46.0	29.1	28.6	26.9	23.1	18.8	30.9	30.4	28.6	24.6		31.9	31.3	29.5	25.4		32.4	32.2	30.2	26.0	31.9	33.1	31.0	26.6		46.0								
	48.0	27.8	27.5	25.9	22.4	18.4	29.5	29.2	27.6	23.9	19.6	30.4	30.1	28.5	24.7	20.2	30.0	31.0	29.2	25.3		29.5	31.7	30.0	25.9		48.0							
	50.0	26.5	26.4	25.0	21.8	18.0	28.1	28.0	26.7	23.2	19.2	28.3	28.9	27.5	24.0	19.8	27.8	29.8	28.3	24.7	20.4	27.3	29.4	29.0	25.3	20.9	50.0							
	55.0	23.8	24.0	23.0	20.4	17.2	24.5	25.5	24.6	21.8	18.3	23.5	25.1	25.4	22.6	19.0	23.1	24.7	26.2	23.2	19.6	22.6	24.3	26.0	23.9	20.1	55.0							
60.0	21.3	22.0	21.4	19.4		20.6	21.6	22.7	20.7		19.6	20.9	22.1	21.4		19.2	20.5	21.8	22.0	19.0	18.7	20.2	21.6	22.7	19.4	60.0								
65.0	18.1	18.6	19.1			17.3	18.1	18.8			16.3	17.3	18.3	19.3		15.9	17.0	18.1	19.4		15.4	16.7	17.8	19.3		65.0								
70.0						14.4	14.9				13.6	14.3	14.9			13.1	14.0	14.8			12.6	13.7	14.6	15.7		70.0								
75.0											10.9	11.4				10.5	11.2	11.8			10.0	10.9	11.7			75.0								
80.0																	8.0	8.5				7.7	8.4	8.9			80.0							
85.0																					5.5						85.0							
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1								
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2								
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3								
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	ID								
 °	27~82	32~82	36~82	52~82	65~82	25~82	29~82	44~82	57~82	69~82	23~82	27~82	41~82	53~82	71~82	21~82	24~82	38~82	57~82	66~82	19~82	33~82	35~82	54~82	69~82	°								
	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4										
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t									

						
4段ESP	2.5m+54mLJ	208 t	9.7m × 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	22.0	43.3				38.5																				22.0	
	24.0	43.3				38.5					34.5					30.0										24.0	
	26.0	43.3				38.5					34.5					30.0					26.2					26.0	
	28.0	43.3				38.5					34.5					30.0					26.2					28.0	
	30.0	43.3	39.9			38.5					34.5					30.0					26.2					30.0	
	32.0	40.3	37.5			38.5	38.0				34.5	34.5				30.0					26.2					32.0	
	34.0	37.7	35.4			38.3	35.9				34.5	34.5				30.0	30.0				26.2	26.2				34.0	
	36.0	35.4	33.4			36.0	34.0				34.5	34.5				30.0	30.0				26.2	26.2				36.0	
	38.0	33.3	31.7	28.8		33.9	32.2				34.5	32.8				30.0	30.0				26.2	26.2				38.0	
	40.0	31.4	30.1	27.5		32.0	30.7	28.1			32.7	31.2	28.6			30.0	30.0				26.2	26.2				40.0	
	42.0	29.7	28.6	26.3		30.3	29.2	26.9			31.0	29.8	27.4			30.0	30.0	27.9			26.2	26.2	26.2			42.0	
	44.0	28.1	27.2	25.2		28.7	27.9	25.8			29.4	28.5	26.4			30.0	29.1	26.9			26.2	26.2	26.2			44.0	
	46.0	26.7	26.0	24.1		27.2	26.6	24.8			27.9	27.2	25.3			28.7	27.8	25.9			26.2	26.2	26.2			46.0	
	48.0	25.3	24.8	23.1	19.5	25.9	25.5	23.8			26.6	26.1	24.4			27.3	26.7	24.9			26.2	26.2	25.4			48.0	
	50.0	24.1	23.7	22.2	18.8	24.7	24.4	22.9	19.5		25.3	25.0	23.5	20.1		26.1	25.6	24.1			26.2	26.2	24.6			50.0	
	55.0	21.5	21.4	20.2	17.4	13.9	22.0	22.0	20.9	18.1	14.5	22.6	22.6	21.5	18.6		23.3	23.3	22.1	19.2		23.1	23.9	22.6	19.6	55.0	
	60.0	19.2	19.4	18.5	16.1	13.1	19.8	20.0	19.2	16.8	13.8	20.3	20.6	19.9	17.4	14.3	19.7	21.2	20.4	18.0	14.8	19.2	21.0	21.0	18.4	15.2	60.0
	65.0	17.4	17.7	17.1	15.1		17.9	18.3	17.8	15.8	13.2	17.0	18.3	18.4	16.4	13.7	16.4	17.9	19.0	16.9	14.1	15.9	17.5	19.0	17.4	14.6	65.0
	70.0	15.7	16.3	15.9	14.4		15.1	16.0	16.6	15.0		14.2	15.3	16.4	15.6		13.6	14.9	16.1	16.1	13.7	13.1	14.5	15.8	16.5	14.1	70.0
75.0	13.4	14.1				12.7	13.4	14.0			11.7	12.6	13.5	14.5		11.1	12.2	13.3	14.5		10.5	11.8	13.0	14.4		75.0	
80.0						9.8	10.8				9.4	10.1	10.7			8.8	9.7	10.6			8.2	9.3	10.3	11.5		80.0	
85.0											6.6					6.8	7.4	8.0			6.3	7.1	7.8			85.0	
90.0																					5.1					90.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
 °	24~82	29~82	44~82	49~82	72~82	22~82	26~82	41~82	55~82	67~82	20~82	35~82	39~82	51~82	69~82	28~82	33~82	36~82	55~82	65~82	34~82	31~82	42~82	52~82	67~82	°	
 t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
 t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

						
4段ESP	2.5m+63mLJ	208 t	9.7m × 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	26.0	25.0				25.0					25.0															26.0	
	28.0	25.0				25.0					25.0					22.8										28.0	
	30.0	25.0				25.0					25.0					22.8					20.0					30.0	
	32.0	25.0				25.0					25.0					22.8					20.0					32.0	
	34.0	25.0	25.0			25.0					25.0					22.8					20.0					34.0	
	36.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8					20.0					36.0	
	38.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0					38.0	
	40.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0	20.0				40.0	
	42.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0	20.0				42.0	
	44.0	25.0	25.0	25.0		25.0	25.0	25.0			25.0	25.0				22.8	22.8				20.0	20.0				44.0	
	46.0	25.0	25.0	24.0		25.0	25.0	24.6			25.0	25.0	25.0			22.8	22.8	22.8			20.0	20.0				46.0	
	48.0	25.0	25.0	23.0		25.0	25.0	23.5			25.0	25.0	24.0			22.8	22.8	22.8			20.0	20.0	20.0			48.0	
	50.0	24.4	23.8	22.0		24.9	24.3	22.6			25.0	24.9	23.1			22.8	22.8	22.8			20.0	20.0	20.0			50.0	
	55.0	21.6	21.2	19.8	16.6	22.0	21.8	20.4			22.5	22.3	20.9			22.8	22.8	21.4			20.0	20.0	20.0			55.0	
	60.0	19.2	19.1	18.0	15.2	19.6	19.6	18.6	15.8		20.1	20.2	19.1	16.3		20.7	20.7	19.6	16.8		20.0	20.0	20.0	17.2		60.0	
	65.0	17.2	17.3	16.4	14.0	11.1	17.6	17.8	17.0	14.7	11.6	18.0	18.3	17.6	15.2	12.1	18.0	18.9	18.1	15.7		17.4	19.3	18.5	16.1		65.0
	70.0	15.5	15.7	15.1	13.0	10.4	15.9	16.3	15.7	13.7	11.0	15.7	16.8	16.2	14.2	11.5	15.1	16.7	16.7	14.7	11.9	14.6	16.3	17.2	15.1	12.3	70.0
	75.0	14.0	14.4	13.9	12.2		14.1	14.9	14.5	12.9	10.6	13.2	14.4	15.1	13.4	11.0	12.7	14.0	15.3	13.9	11.4	12.2	13.6	15.0	14.3	11.8	75.0
80.0	12.7	13.3	13.0		11.9	12.8	13.5	12.2		11.1	12.1	13.1	12.7		10.5	11.7	12.8	13.1		9.9	11.3	12.5	13.6	11.4		80.0	
85.0	9.7	11.3				10.0	10.6	11.2			9.0	9.9	10.7			8.5	9.5	10.5	11.6		7.9	9.1	10.2	11.5		85.0	
90.0						6.6					7.2	7.8	8.4			6.6	7.5	8.2			6.1	7.1	8.0	9.0		90.0	
95.0											3.8					5.0	5.6				4.5	5.2	5.9			95.0	
100.0																					3.0	3.5				100.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
 °	20~82	26~82	42~82	57~82	70~82	18~82	35~82	39~82	53~82	65~82	16~82	33~82	36~82	57~82	68~82	26~82	31~82	42~82	54~82	70~82	25~82	29~82	40~82	51~82	66~82	°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

ラフィングジブ

 4段ESP	 2.5m+72mLJ	 208 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	28.0	24.0				21.8																					28.0	
	30.0	24.0				21.8					19.8							17.5									30.0	
	32.0	24.0				21.8					19.8							17.5				14.9					32.0	
	34.0	24.0				21.8					19.8							17.5				14.9					34.0	
	36.0	23.5				21.8					19.8							17.5				14.9					36.0	
	38.0	22.6				21.8					19.8							17.5				14.9					38.0	
	40.0	21.8	20.2			21.8	20.5				19.8							17.5				14.9					40.0	
	42.0	21.1	19.6			21.6	19.9				19.8	19.8						17.5	17.5			14.9					42.0	
	44.0	20.4	19.0			20.9	19.3				19.8	19.6						17.5	17.5			14.9	14.9				44.0	
	46.0	19.7	18.4			20.3	18.8				19.8	19.1						17.5	17.5			14.9	14.9				46.0	
	48.0	19.1	17.9			19.6	18.2				19.8	18.6						17.5	17.5			14.9	14.9				48.0	
	50.0	18.5	17.4	16.4		19.1	17.7	16.5			19.6	18.1						17.5	17.5			14.9	14.9				50.0	
	55.0	17.2	16.2	15.4		17.7	16.6	15.6			18.2	16.9	15.8					17.5	17.3	16.0		14.9	14.9	14.9			55.0	
	60.0	16.0	15.2	14.5		16.5	15.6	14.7			17.1	15.9	14.9					17.5	16.3	15.2		14.9	14.9	14.9			60.0	
	65.0	15.0	14.3	13.7	12.1		15.5	14.7	14.0	12.6		16.0	15.1	14.2	13.0			16.5	15.4	14.4	13.3		14.9	14.9	14.7		65.0	
	70.0	14.0	13.6	13.1	11.1		14.3	13.9	13.3	11.6		14.7	14.3	13.6	12.1			15.1	14.6	13.8	12.4		14.9	14.9	14.0	12.8		70.0
	75.0	12.6	12.8	12.1	10.2	7.8	12.9	13.2	12.6	10.8	8.3	13.3	13.6	13.0	11.2	8.7		13.1	13.9	13.2	11.6	9.1	12.6	14.3	13.5	12.0	9.4	75.0
	80.0	11.4	11.6	11.1	9.5	7.3	11.7	12.1	11.6	10.0	7.8	11.5	12.5	12.1	10.5	8.2		11.0	12.4	12.5	10.9	8.6	10.4	11.9	12.9	11.2	8.9	80.0
	85.0	10.3	10.7	10.3	8.9		10.5	11.1	10.8	9.4		9.6	10.7	11.2	9.9	7.9		9.0	10.3	11.5	10.2	8.2	8.4	9.9	11.2	10.6	8.5	85.0
	90.0	9.4	9.8	9.6			8.7	9.6	10.0	8.9		7.8	8.8	9.8	9.3			7.2	8.3	9.5	9.7		6.6	7.9	9.1	10.0	8.2	90.0
	95.0	5.9					7.1	7.7	8.2			6.1	6.9	7.7				5.5	6.5	7.4	8.6		4.9	6.0	7.1	8.5		95.0
	100.0						3.1					4.6	5.2					4.1	4.8	5.5			3.5	4.4	5.3			100.0
	105.0																		3.2						3.5			105.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
 °	17~82	35~82	40~82	55~82	69~82	14~82	33~82	37~82	51~82	71~82	25~82	31~82	43~82	56~82	66~82	31~82	29~82	41~82	52~82	69~82	36~82	41~82	39~82	56~82	65~82		°	
 t	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
 t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

 4段ESP	 2.5m+81mLJ	 208 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m		
°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°			
 m	30.0	17.6																									30.0		
	32.0	17.6				16.1					14.7																32.0		
	34.0	17.6				16.1					14.7						13.1						11.1				34.0		
	36.0	17.6				16.1					14.7						13.1						11.1				36.0		
	38.0	17.6				16.1					14.7						13.1						11.1				38.0		
	40.0	17.6				16.1					14.7						13.1						11.1				40.0		
	42.0	17.6				16.1					14.7						13.1						11.1				42.0		
	44.0	17.6	17.6			16.1	16.1				14.7						13.1						11.1				44.0		
	46.0	17.6	17.6			16.1	16.1				14.7	14.7					13.1	13.1					11.1				46.0		
	48.0	17.6	17.6			16.1	16.1				14.7	14.7					13.1	13.1					11.1	11.1			48.0		
	50.0	17.6	17.6			16.1	16.1				14.7	14.7					13.1	13.1					11.1	11.1			50.0		
	55.0	17.6	17.5	15.9		16.1	16.1				14.7	14.7					13.1	13.1					11.1	11.1			55.0		
	60.0	15.9	15.5	14.2		16.1	15.8	14.6			14.7	14.7	14.7				13.1	13.1	13.1				11.1	11.1	11.1		60.0		
	65.0	14.0	13.8	12.7		14.3	14.1	13.1			14.6	14.5	13.5				13.1	13.1	13.1				11.1	11.1	11.1		65.0		
	70.0	12.5	12.4	11.5	9.3		12.7	12.7	11.9	9.7		13.0	13.0	12.2				13.1	13.1	12.5				11.1	11.1	11.1		70.0	
	75.0	11.1	11.1	10.4	8.4		11.3	11.5	10.8	8.9		11.6	11.8	11.1	9.3			11.9	12.1	11.5	9.6			11.1	11.1	11.1	9.8	75.0	
	80.0	9.9	10.0	9.4	7.7	5.5	10.1	10.3	9.8	8.1	5.9	10.4	10.7	10.2	8.5			10.7	11.0	10.5	8.8			10.4	11.1	10.8	9.1	80.0	
	85.0	8.9	9.0	8.5	7.0	5.0	9.1	9.4	9.0	7.5	5.4	9.3	9.7	9.3	7.9	5.8		9.0	10.0	9.7	8.2	6.1		8.4	10.1	10.0	8.5	6.4	85.0
	90.0	7.9	8.2	7.8	6.4	4.6	8.1	8.5	8.2	6.9	5.1	7.8	8.8	8.6	7.3	5.4		7.2	8.6	8.9	7.6	5.7		6.5	8.1	9.2	7.9	6.0	90.0
	95.0	7.1	7.4	7.1	6.0		7.2	7.7	7.5	6.4		6.2	7.3	7.9	6.8	5.1		5.5	6.8	8.1	7.1	5.4		4.9	6.3	7.7	7.4	5.7	95.0
	100.0	6.4	6.7	6.6			5.7	6.4	7.0			4.7	5.7	6.6	6.4			4.1	5.2	6.2	6.7			3.5	4.7	5.9	7.0		100.0
	105.0						4.3	4.9	5.3			3.4	4.1	4.8					3.7	4.5	5.6				3.2	4.2	5.5		105.0
	110.0																												110.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID		
 °	26~82	33~82	38~82	53~82	67~82	25~82	30~82	35~82	57~82	69~82	31~82	36~82	41~82	54~82	65~82	40~82	41~82	46~82	51~82	67~82	43~82	44~82	49~82	54~82	69~82	°			
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t				

						
4段ESP	2.5m+90mLJ	208 t	9.7m x 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	34.0	10.3				9.4					8.6					7.6					6.8					34.0
	36.0	10.3				9.4					8.6					7.6					6.8					36.0
	38.0	10.3				9.4					8.6					7.6					6.8					38.0
	40.0	10.3				9.4					8.6					7.6					6.8					40.0
	42.0	10.3				9.4					8.6					7.6					6.8					42.0
	44.0	10.3				9.4					8.6					7.6					6.8					44.0
	46.0	10.3				9.4					8.6					7.6					6.8					46.0
	48.0	10.0	9.1			9.4	9.3				8.6					7.6					6.8					48.0
	50.0	9.6	8.8			9.4	8.9				8.6	8.6				7.6	7.6				6.8					50.0
	55.0	8.6	7.9			9.0	8.1				8.6	8.3				7.6	7.6				6.8	6.8				55.0
	60.0	7.8	7.2	6.6		8.1	7.4				8.4	7.6				7.6	7.6				6.8	6.8				60.0
	65.0	7.1	6.6	6.1		7.4	6.8	6.2			7.7	7.0	6.3			7.6	7.1	6.4			6.8	6.8	6.5			65.0
	70.0	6.5	6.0	5.6		6.7	6.2	5.7			7.0	6.4	5.8			7.3	6.6	5.9			6.8	6.8	6.1			70.0
	75.0	5.9	5.5	5.2		6.2	5.7	5.3			6.4	5.9	5.4			6.7	6.1	5.5			6.8	6.3	5.7			75.0
	80.0	5.4	5.1	4.8	4.4	5.7	5.3	4.9	4.4		5.9	5.5	5.0	4.5		6.2	5.6	5.1	4.5		6.5	5.8	5.3			80.0
	85.0	5.0	4.7	4.4	4.1	5.2	4.9	4.6	4.1		5.5	5.1	4.7	4.2		5.7	5.2	4.8	4.3		6.0	5.4	4.9	4.3		85.0
	90.0	4.6	4.4	4.1	3.9	4.8	4.5	4.3	3.9	3.6	5.1	4.7	4.4	4.0	3.7	5.3	4.9	4.5	4.1		5.5	5.1	4.6	4.1		90.0
	95.0	4.2	4.1	3.9	3.7	4.5	4.2	4.0	3.8	3.2	4.7	4.4	4.1	3.8	3.5	4.9	4.6	4.3	3.9	3.6	5.1	4.7	4.4	3.9	3.6	95.0
	100.0	4.0	3.8	3.7	3.5	4.2	4.0	3.8	3.6		4.4	4.1	3.9	3.7	3.2	4.3	4.3	4.0	3.7	3.4	3.6	4.4	4.1	3.8	3.5	100.0
	105.0	3.8	3.6	3.5	3.4	3.9	3.8	3.6	3.4		3.6	3.9	3.8	3.5			4.0	3.8	3.6	3.3		3.6	3.9	3.7	3.4	105.0
	110.0	3.5	3.4	3.3		3.3	3.6	3.4			3.2	3.6	3.4				3.7	3.4				3.4	3.5			110.0
	115.0																									115.0
	120.0																									120.0
 °	1	100	100	100	100		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0		50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0		0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3
 ID	17	17	17	17		18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	24~82	30~82	35~82	52~82		30~82	37~82	42~82	56~82	74~82	39~82	41~82	46~82	53~82	70~82	46~82	48~82	50~82	56~82	66~82	48~82	51~82	52~82	59~82	68~82	°
 m	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
 t	25t	25t	25t	25t		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

						
4段ESP	2.5m+18mLJ	195 t	9.7m x 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	12.0	140.0														12.0
	14.0	140.0	124.5			136.9	129.7				120.0					14.0
	16.0	126.6	114.7	97.7		121.9	120.1	100.6			117.4	117.7				16.0
	18.0	113.0	106.2	91.8		109.6	109.8	94.9			105.7	106.1	98.6			18.0
	20.0	99.9	99.0	86.7	69.9	99.1	99.7	90.0	72.8		95.8	96.3	93.8			20.0
	22.0	89.1	91.1	82.2	67.2	88.3	90.5	85.6	70.2	56.0	87.5	88.0	88.4	73.6		22.0
	24.0	79.4	81.6	78.3	64.8	78.5	80.8	81.7	67.8	54.8	77.9	80.4	81.4	71.2	57.2	24.0
	26.0	70.3	72.1	73.8	62.7	69.3	71.3	73.2	65.7	53.8	68.8	71.0	73.0	69.1	56.2	26.0
	28.0	62.6	64.2	65.7	60.9	61.7	63.5	65.1	63.9	53.0	61.1	63.1	64.8	67.0	55.3	28.0
	30.0	56.1	57.5	58.7	59.4	55.2	56.8	58.2	59.8	52.4	54.7	56.4	57.9	59.8	54.6	30.0
	32.0	50.6	51.7	52.7	53.8	49.7	51.0	52.2	53.6		49.1	50.6	52.0	53.5	54.0	32.0
	34.0	45.8	46.7	47.5	48.2	44.9	46.0	47.0	48.1		44.3	45.6	46.8	48.1		34.0
	36.0	41.5	42.3	42.9		40.6	41.6	42.5	43.3		40.1	41.2	42.2	43.3		36.0
	38.0	37.8	38.4	38.7		36.9	37.7	38.4			36.4	37.4	38.2	39.0		38.0
	40.0	34.5	34.8			33.6	34.3	34.8			33.0	33.9	34.6	35.2		40.0
	42.0	24.8				30.7	31.2	31.5			30.1	30.8	31.4			42.0
	44.0					28.0	28.4				27.4	28.0	28.4			44.0
	46.0					22.4					25.0	25.5	25.7			46.0
	48.0										22.8	23.1				48.0
	50.0										19.6					50.0
	55.0															55.0
	60.0															60.0
	65.0															65.0
 °	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
 ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
 °	11~82	26~82	36~82	50~82	66~82	15~82	27~82	35~82	52~82	65~82	18~82	27~82	34~82	49~82	65~82	°
 m	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

ラフィングジブ

						
4段ESP	2.5m×27mLJ	195 t	9.7m × 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	14.0	118.5					107.2																				14.0	
	16.0	106.9					107.2					91.5					75.9										16.0	
	18.0	96.5	83.7				99.9	85.8				91.5					75.9					63.8					18.0	
	20.0	87.9	77.6				91.3	79.8				91.5	83.7				75.9	75.9				63.8					20.0	
	22.0	80.7	72.3	63.5			83.9	74.6	65.3			86.3	78.4				75.9	75.9				63.8	63.8				22.0	
	24.0	74.6	67.7	60.1			77.7	70.1	62.0			79.4	73.7	64.8			75.9	75.8	66.3			63.8	63.8				24.0	
	26.0	69.3	63.7	57.0	47.0		72.3	66.0	59.0			72.0	69.5	61.8			70.7	71.5	63.3			63.8	63.8	63.8			26.0	
	28.0	64.7	60.1	54.3	45.2		64.8	62.4	56.3	46.8		64.2	65.8	59.0	48.9		63.8	66.4	60.7			63.0	63.8	62.2			28.0	
	30.0	59.4	56.9	51.9	43.6	35.6	58.3	59.2	53.9	45.3	37.0	57.6	60.2	56.6	47.3		57.3	59.9	58.2	48.6		56.9	59.6	59.8	49.7		30.0	
	32.0	53.7	54.0	49.7	42.2	34.8	52.6	54.8	51.7	43.9	36.2	52.0	54.3	54.3	45.9	37.8	51.6	54.0	56.0	47.2	38.8	51.2	53.7	56.1	48.3		32.0	
	34.0	48.8	50.5	47.7	40.9	34.1	47.7	49.7	49.7	42.7	35.5	47.1	49.2	51.2	44.7	37.1	46.7	48.9	51.0	45.9	38.1	46.4	48.6	50.8	47.1	39.0	34.0	
	36.0	44.5	46.1	45.9	39.8	33.6	43.4	45.2	46.8	41.5	34.9	42.8	44.7	46.5	43.5	36.5	42.4	44.5	46.3	44.8	37.5	42.1	44.2	46.1	45.9	38.4	36.0	
	38.0	40.7	42.1	43.4	38.8		39.6	41.2	42.7	40.5	34.5	39.0	40.7	42.4	42.4	36.0	38.7	40.5	42.2	43.7	36.9	38.3	40.2	42.0	44.3	37.8	38.0	
	40.0	37.3	38.5	39.6	38.0		36.3	37.7	39.0	39.6		35.6	37.2	38.7	40.5	35.5	35.3	37.0	38.5	40.5	36.5	35.0	36.7	38.3	40.4	37.3	40.0	
	42.0	34.3	35.3	36.3	37.3		33.3	34.5	35.7	37.0		32.6	34.0	35.3	36.9		32.3	33.8	35.2	37.0	36.1	32.0	33.6	35.0	36.9	36.9	42.0	
	44.0	31.6	32.5	33.2			30.6	31.7	32.6	33.7		29.9	31.2	32.3	33.7		29.6	31.0	32.2	33.7		29.2	30.7	32.1	33.7	34.8	44.0	
	46.0	29.2	29.8	30.4			28.1	29.1	29.9	30.7		27.4	28.6	29.6	30.7		27.1	28.4	29.5	30.8		26.8	28.2	29.4	30.9		46.0	
	48.0	26.9	27.4				25.9	26.7	27.4			25.2	26.2	27.1	28.0		24.9	26.0	27.0	28.1		24.6	25.8	26.9	28.2		48.0	
	50.0	23.4					23.9	24.5	25.0			23.2	24.0	24.8			22.9	23.9	24.8	25.7		22.6	23.7	24.7	25.8		50.0	
	55.0						16.8					18.8	19.3	19.7			18.5	19.2	19.8			18.2	19.1	19.8			55.0	
60.0																14.9	15.3				14.6	15.2	15.7			60.0		
65.0																					11.4	11.8				65.0		
70.0																										70.0		
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID		
	°	18~82	30~82	39~82	52~82	68~82	15~82	35~82	37~82	50~82	50~82	67~82	29~82	32~82	34~82	51~82	67~82	27~82	30~82	42~82	52~82	67~82	25~82	27~82	39~82	56~82	66~82	°
		10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

						
4段ESP	2.5m+36mLJ	195 t	9.7m × 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	m	16.0	84.8																								16.0
	18.0	82.7					73.1					63.7															18.0
	20.0	75.1					73.1					63.7					54.0					46.2					20.0
	22.0	68.8	61.6				72.8	64.5				63.7					54.0					46.2					22.0
	24.0	63.4	57.5				67.0	60.3				63.7	61.5				54.0	54.0				46.2					24.0
	26.0	58.7	53.9				62.1	56.6				63.7	57.8				54.0	54.0				46.2	46.2				26.0
	28.0	54.7	50.7	45.6			57.8	53.3	47.7			59.7	54.6				54.0	54.0				46.2	46.2				28.0
	30.0	51.1	47.9	43.3			54.0	50.3	45.5			55.8	51.7	46.5			54.0	53.0	47.5			46.2	46.2				30.0
	32.0	48.0	45.3	41.3			50.7	47.7	43.4			52.4	49.0	44.5			53.7	50.3	45.5			46.2	46.2	46.2			32.0
	34.0	45.2	43.0	39.5	33.2		47.7	45.3	41.6	34.9		49.2	46.7	42.7			48.7	48.0	43.7			46.2	46.2	44.7			34.0
	36.0	42.7	40.9	37.8	32.1		45.1	43.2	39.8	33.8		44.8	44.5	41.0	34.7		44.4	45.8	42.0	35.5		43.9	46.2	43.0			36.0
	38.0	40.4	39.0	36.3	31.0	25.4	42.0	41.2	38.3	32.7		41.0	42.5	39.4	33.7		40.5	43.0	40.5	34.5		40.0	42.6	41.5	35.3		38.0
	40.0	38.3	37.3	34.9	30.1	24.8	38.5	39.4	36.8	31.7	26.2	37.6	39.7	38.0	32.7	27.0	37.1	39.4	39.1	33.6		36.6	39.0	40.1	34.4		40.0
	42.0	36.2	35.7	33.6	29.2	24.3	35.5	37.3	35.5	30.9	25.7	34.5	36.5	36.7	31.9	26.5	34.0	36.1	37.8	32.7	27.3	33.6	35.8	37.8	33.5	27.9	42.0
	44.0	33.5	34.3	32.4	28.4	23.9	32.7	34.3	34.3	30.1	25.2	31.7	33.6	35.3	31.1	26.1	31.3	33.2	35.1	31.9	26.8	30.8	32.9	34.8	32.8	27.5	44.0
	46.0	31.0	32.3	31.4	27.7	23.6	30.2	31.7	33.1	29.3	24.8	29.2	30.9	32.5	30.3	25.7	28.8	30.6	32.3	31.2	26.4	28.3	30.2	32.0	32.0	27.1	46.0
	48.0	28.7	29.9	30.4	27.1		27.9	29.3	30.6	28.7	24.6	27.0	28.5	30.0	29.7	25.3	26.5	28.2	29.7	30.5	26.0	26.1	27.8	29.5	31.3	26.7	48.0
	50.0	26.6	27.7	28.6	26.6		25.8	27.1	28.2	28.1		24.9	26.3	27.6	29.0	25.1	24.4	26.0	27.4	29.3	25.7	24.0	25.6	27.2	29.2	26.4	50.0
	55.0	22.2	22.8	23.4			21.3	22.2	23.0	23.9		20.4	21.5	22.5	23.7		20.0	21.2	22.3	23.7		19.6	20.9	22.1	23.7		55.0
	60.0	14.0					17.6	18.2	18.6			16.7	17.5	18.2			16.3	17.3	18.1	19.0		15.9	17.0	18.0	19.1		60.0
65.0											13.6	14.1				13.2	13.9	14.5			12.8	13.7	14.4			65.0	
70.0																10.4	10.8				10.0	10.6	11.2			70.0	
75.0																					7.6	7.9				75.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
	°	11~82	35~82	38~82	54~82	65~82	28~82	32~82	35~82	49~82	65~82	26~82	30~82	43~82	54~82	65~82	24~82	27~82	40~82	51~82	67~82	22~82	25~82	37~82	55~82	70~82	°
	t	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	



25m+45m

195 †

9.7m x 9.0m

A.1


360°

t



2.5m+54mLJ



195 t



9.7m x 9.0m

AJ

 360 °



JPN

ラフイングジブ

 4#ESP			 2.5m+63mLJ			 195 t			 9.7m × 9.0m			 AJ			 360 °			 JPN									
 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	26.0	25.0				25.0					25.0															26.0	
	28.0	25.0				25.0					25.0					22.8										28.0	
	30.0	25.0				25.0					25.0					22.8					20.0					30.0	
	32.0	25.0				25.0					25.0					22.8					20.0					32.0	
	34.0	25.0	25.0			25.0					25.0					22.8					20.0					34.0	
	36.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8					20.0					36.0	
	38.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0					38.0	
	40.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0	20.0				40.0	
	42.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0	20.0				42.0	
	44.0	25.0	25.0	25.0		25.0	25.0	25.0			25.0	25.0				22.8	22.8				20.0	20.0				44.0	
	46.0	25.0	25.0	24.0		25.0	25.0	24.6			25.0	25.0	25.0			22.8	22.8	22.8			20.0	20.0				46.0	
	48.0	25.0	25.0	23.0		25.0	25.0	23.5			25.0	25.0	24.0			22.8	22.8	22.8			20.0	20.0	20.0			48.0	
	50.0	24.4	23.8	22.0		24.9	24.3	22.6			25.0	24.9	23.1			22.8	22.8	22.8			20.0	20.0	20.0			50.0	
	55.0	21.6	21.2	19.8	16.6	22.0	21.8	20.4			22.5	22.3	20.9			22.8	22.8	21.4			20.0	20.0	20.0			55.0	
	60.0	19.2	19.1	18.0	15.2		19.6	19.6	18.6	15.8		20.1	20.2	19.1	16.3		19.6	20.7	19.6	16.8		19.1	20.0	20.0	17.2	60.0	
	65.0	17.2	17.3	16.4	14.0	11.1	17.6	17.8	17.0	14.7	11.6	17.0	18.3	17.6	15.2	12.1	16.4	18.2	18.1	15.7		15.9	17.8	18.5	16.1		65.0
	70.0	15.5	15.7	15.1	13.0	10.4	15.1	16.3	15.7	13.7	11.0	14.2	15.7	16.2	14.2	11.5	13.7	15.2	16.7	14.7	11.9	13.2	14.8	16.4	15.1	12.3	70.0
	75.0	13.7	14.4	13.9	12.2		12.8	13.8	14.5	12.9	10.6	11.9	13.1	14.3	13.4	11.0	11.3	12.7	14.0	13.9	11.4	10.8	12.3	13.7	14.3	11.8	75.0
80.0	11.6	12.3	12.9			10.7	11.5	12.4	12.2		9.7	10.8	11.8	12.7		9.1	10.4	11.5	13.0		8.6	10.0	11.3	12.9	11.4	80.0	
85.0	9.7	10.1				8.7	9.4	10.0			7.7	8.6	9.5			7.2	8.2	9.2	10.4		6.6	7.8	9.0	10.4		85.0	
90.0						6.6					6.0	6.6	7.1			5.4	6.3	7.0			4.9	5.9	6.8	7.8		90.0	
95.0											3.8					3.8	4.4				3.3	4.1	4.8			95.0	
100.0																										100.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	ID	
 °	20~82	26~82	42~82	57~82	70~82	18~82	35~82	39~82	53~82	65~82	16~82	33~82	36~82	57~82	68~82	26~82	31~82	42~82	54~82	70~82	32~82	37~82	40~82	51~82	66~82	°	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

 4軸ESP		 2.5m+72mLJ		 195 t		 9.7m × 9.0m		 AJ		 360 °		 JPN	
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	60	10	20	30	45	60	°
	m	28.0	24.0				21.8																					28.0
		30.0	24.0				21.8					19.8						17.5										30.0
		32.0	24.0				21.8					19.8						17.5					14.9					32.0
		34.0	24.0				21.8					19.8						17.5					14.9					34.0
		36.0	23.5				21.8					19.8						17.5					14.9					36.0
		38.0	22.6				21.8					19.8						17.5					14.9					38.0
		40.0	21.8	20.2			21.8	20.5				19.8						17.5					14.9					40.0
		42.0	21.1	19.6			21.6	19.9				19.8	19.8					17.5	17.5				14.9					42.0
		44.0	20.4	19.0			20.9	19.3				19.8	19.6					17.5	17.5				14.9	14.9				44.0
		46.0	19.7	18.4			20.3	18.8				19.8	19.1					17.5	17.5				14.9	14.9				46.0
		48.0	19.1	17.9			19.6	18.2				19.8	18.6					17.5	17.5				14.9	14.9				48.0
		50.0	18.5	17.4	16.4		19.1	17.7	16.5			19.6	18.1					17.5	17.5				14.9	14.9				50.0
		55.0	17.2	16.2	15.4		17.7	16.6	15.6			18.2	16.9	15.8				17.5	17.3	16.0			14.9	14.9	14.9			55.0
		60.0	16.0	15.2	14.5		16.5	15.6	14.7			17.1	15.9	14.9				17.5	16.3	15.2			14.9	14.9	14.9			60.0
		65.0	15.0	14.3	13.7	12.1		15.5	14.7	14.0	12.6		16.0	15.1	14.2	13.0		16.5	15.4	14.4	13.3		14.9	14.9	14.7			65.0
		70.0	14.0	13.6	13.1	11.1		14.3	13.9	13.3	11.6		14.7	14.3	13.6	12.1		14.1	14.6	13.8	12.4		13.6	14.9	14.0	12.8		70.0
		75.0	12.6	12.8	12.1	10.2	7.8	12.9	13.2	12.6	10.8	8.3	12.3	13.6	13.0	11.2	8.7	11.8	13.4	13.2	11.6	9.1	11.2	12.9	13.5	12.0	9.4	75.0
		80.0	11.4	11.6	11.1	9.5	7.3	11.2	12.1	11.6	10.0	7.8	10.3	11.6	12.1	10.5	8.2	9.7	11.1	12.5	10.9	8.6	9.0	10.7	12.2	11.2	8.9	80.0
		85.0	10.3	10.7	10.3	8.9		9.3	10.3	10.8	9.4		8.3	9.5	10.7	9.9	7.9	7.7	9.1	10.4	10.2	8.2	7.1	8.6	10.0	10.6	8.5	85.0
		90.0	8.6	9.2	9.6			7.5	8.4	9.2	8.9		6.5	7.6	8.6	9.3		5.9	7.1	8.3	9.7		5.3	6.6	7.9	9.6	8.2	90.0
	95.0	5.9					5.9	6.5	7.1			5.0	5.8	6.6			4.4	5.3	6.3	7.4		3.8	4.9	6.0	7.3		95.0	
	100.0						3.1					3.5	4.1				3.0	3.7	4.4				3.3	4.2			100.0	
	105.0																										105.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	17~82	35~82	40~82	55~82	69~82	14~82	33~82	37~82	51~82	71~82	25~82	31~82	43~82	56~82	66~82	31~82	37~82	41~82	52~82	69~82	40~82	41~82	45~82	56~82	65~82	°	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

						
4段ESP	2.5m+81mLJ	195 t	9.7m × 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	30.0	17.6																									30.0
	32.0	17.6				16.1					14.7																32.0
	34.0	17.6				16.1					14.7					13.1					11.1						34.0
	36.0	17.6				16.1					14.7					13.1					11.1						36.0
	38.0	17.6				16.1					14.7					13.1					11.1						38.0
	40.0	17.6				16.1					14.7					13.1					11.1						40.0
	42.0	17.6				16.1					14.7					13.1					11.1						42.0
	44.0	17.6	17.6			16.1	16.1				14.7					13.1					11.1						44.0
	46.0	17.6	17.6			16.1	16.1				14.7	14.7				13.1	13.1				11.1						46.0
	48.0	17.6	17.6			16.1	16.1				14.7	14.7				13.1	13.1				11.1	11.1					48.0
	50.0	17.6	17.6			16.1	16.1				14.7	14.7				13.1	13.1				11.1	11.1					50.0
	55.0	17.6	17.5	15.9		16.1	16.1				14.7	14.7				13.1	13.1				11.1	11.1					55.0
	60.0	15.9	15.5	14.2		16.1	15.8	14.6			14.7	14.7	14.7			13.1	13.1	13.1			11.1	11.1	11.1				60.0
	65.0	14.0	13.8	12.7		14.3	14.1	13.1			14.6	14.5	13.5			13.1	13.1	13.1			11.1	11.1	11.1				65.0
	70.0	12.5	12.4	11.5	9.3	12.7	12.7	11.9	9.7		13.0	13.0	12.2			13.1	13.1	12.5			11.1	11.1	11.1				70.0
	75.0	11.1	11.1	10.4	8.4		11.3	11.5	10.8	8.9		11.6	11.8	11.1	9.3		11.8	12.1	11.5	9.6		11.1	11.1	11.1	9.8		75.0
	80.0	9.9	10.0	9.4	7.7	5.5	10.1	10.3	9.8	8.1	5.9	10.3	10.7	10.2	8.5		9.7	11.0	10.5	8.8		9.0	10.9	10.8	9.1		80.0
	85.0	8.9	9.0	8.5	7.0	5.0	9.1	9.4	9.0	7.5	5.4	8.4	9.7	9.3	7.9	5.8	7.7	9.3	9.7	8.2	6.1	7.1	8.8	10.0	8.5	6.4	85.0
	90.0	7.9	8.2	7.8	6.4	4.6	7.6	8.5	8.2	6.9	5.1	6.6	7.9	8.6	7.3	5.4	6.0	7.4	8.9	7.6	5.7	5.3	6.9	8.5	7.9	6.0	90.0
95.0	7.0	7.4	7.1	6.0		6.0	7.0	7.5	6.4		5.0	6.2	7.3	6.8	5.1	4.4	5.7	6.9	7.1	5.4	3.8	5.2	6.5	7.4	5.7	95.0	
100.0	5.6	6.2	6.6			4.6	5.4	6.1			3.6	4.6	5.5	6.4		3.0	4.1	5.2	6.6			3.6	4.8	6.4		100.0	
105.0						3.3	3.8	4.3				3.1	3.8					3.5	4.6				3.2	4.5			105.0
110.0																											110.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
 °	26~82	32~82	38~82	53~82	67~82	25~82	30~82	35~82	57~82	69~82	36~82	36~82	41~82	54~82	65~82	40~82	46~82	46~82	51~82	67~82	46~82	48~82	49~82	54~82	69~82	°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

						
4段ESP	2.5m+90mLJ	195 t	9.7m × 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	34.0	10.3				9.4																				34.0	
	36.0	10.3				9.4					8.6						7.6									36.0	
	38.0	10.3				9.4					8.6						7.6					6.8				38.0	
	40.0	10.3				9.4					8.6						7.6					6.8				40.0	
	42.0	10.3				9.4					8.6						7.6					6.8				42.0	
	44.0	10.3				9.4					8.6						7.6					6.8				44.0	
	46.0	10.3				9.4					8.6						7.6					6.8				46.0	
	48.0	10.0	9.1			9.4	9.3				8.6						7.6					6.8				48.0	
	50.0	9.6	8.8			9.4	8.9				8.6	8.6					7.6	7.6				6.8				50.0	
	55.0	8.6	7.9			9.0	8.1				8.6	8.3					7.6	7.6				6.8	6.8			55.0	
	60.0	7.8	7.2	6.6		8.1	7.4				8.4	7.6					7.6	7.6				6.8	6.8			60.0	
	65.0	7.1	6.6	6.1		7.4	6.8	6.2			7.7	7.0	6.3				7.6	7.1	6.4			6.8	6.8	6.5		65.0	
	70.0	6.5	6.0	5.6		6.7	6.2	5.7			7.0	6.4	5.8				7.3	6.6	5.9			6.8	6.8	6.1		70.0	
	75.0	5.9	5.5	5.2		6.2	5.7	5.3			6.4	5.9	5.4				6.7	6.1	5.5			6.8	6.3	5.7		75.0	
	80.0	5.4	5.1	4.8	4.4		5.7	5.3	4.9	4.4		5.9	5.5	5.0	4.5		6.2	5.6	5.1	4.5		6.5	5.8	5.3		80.0	
	85.0	5.0	4.7	4.4	4.1		5.2	4.9	4.6	4.1		5.5	5.1	4.7	4.2		5.7	5.2	4.8	4.3		6.0	5.4	4.9	4.3	85.0	
90.0	4.6	4.4	4.1	3.9		4.8	4.5	4.3	3.9	3.6	5.1	4.7	4.4	4.0	3.7	5.3	4.9	4.5	4.1		5.5	5.1	4.6	4.1	90.0		
95.0	4.2	4.1	3.9	3.7		4.5	4.2	4.0	3.8	3.2	4.7	4.4	4.1	3.8	3.5	4.6	4.6	4.3	3.9	3.6	3.9	4.7	4.4	3.9	3.6	95.0	
100.0	4.0	3.8	3.7	3.5		4.2	4.0	3.8	3.6		3.8	4.1	3.9	3.7	3.2	3.2	4.3	4.0	3.7	3.4		4.0	4.1	3.8	3.5	100.0	
105.0	3.8	3.6	3.5	3.4		3.5	3.8	3.6	3.4			3.6	3.8	3.5			3.1	3.8	3.6	3.3			3.8	3.7	3.4	105.0	
110.0	3.3	3.4	3.3				3.0	3.4					3.1	3.4					3.4					3.5		110.0	
115.0																										115.0	
120.0																										120.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17		18	18	18	18	18	5	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	24~82	30~82	35~82	52~82		36~82	37~82	42~82	56~82	74~82	43~82	46~82	46~82	53~82	70~82	46~82	48~82	54~82	56~82	66~82	51~82	54~82	56~82	59~82	68~82	°	
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

ラフィングジブ

 4段ESP	 2.5m+18mLJ	 164 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	12.0	140.0														12.0
	14.0	140.0	124.5			136.9	129.7				120.0					14.0
	16.0	122.5	114.7	97.7		121.7	120.1	100.6			117.4	117.7				16.0
	18.0	106.7	106.2	91.8		105.7	108.9	94.9			105.1	106.1	98.6			18.0
	20.0	90.8	93.8	86.7	69.9	89.8	92.9	90.0	72.8		89.3	92.6	93.8			20.0
	22.0	78.4	80.9	82.2	67.2	53.8	77.4	80.1	82.7	70.2	56.0	76.9	79.8	82.4	73.6	22.0
	24.0	68.5	70.6	72.6	64.8	52.6	67.5	69.8	72.0	67.8	54.8	67.0	69.5	71.8	71.2	24.0
	26.0	60.3	62.2	63.9	62.7	51.6	59.3	61.4	63.3	65.6	53.8	58.8	61.0	63.0	65.6	26.0
	28.0	53.5	55.1	56.5	58.3	50.9	52.5	54.3	55.9	57.9	53.0	52.0	53.9	55.7	57.9	28.0
	30.0	47.7	49.1	50.3	51.7		46.8	48.3	49.7	51.4	52.3	46.2	47.9	49.5	51.3	30.0
	32.0	42.7	43.9	44.9	45.9		41.8	43.2	44.3	45.7		41.3	42.8	44.1	45.7	32.0
	34.0	38.4	39.4	40.2	40.9		37.5	38.7	39.7	40.8		37.0	38.3	39.4	40.8	34.0
	36.0	34.7	35.4	36.0			33.8	34.7	35.6	36.4		33.2	34.4	35.4	36.4	36.0
	38.0	31.3	31.9	32.2			30.4	31.3	31.9			29.9	30.9	31.7	32.6	38.0
	40.0	28.4	28.7				27.5	28.2	28.7			26.9	27.8	28.5	29.1	40.0
	42.0	24.8					24.9	25.4	25.7			24.3	25.0	25.6		42.0
	44.0						22.5	22.8				21.9	22.5	22.9		44.0
	46.0						20.4					19.8	20.2	20.5		46.0
	48.0											17.8	18.1			48.0
	50.0											16.0				50.0
	55.0															55.0
	60.0															60.0
	65.0															65.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	ID
 °	11~82	26~82	36~82	50~82	66~82	15~82	27~82	35~82	52~82	65~82	18~82	27~82	34~82	49~82	65~82	°
 m	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP	 2.5m+27mLJ	 164 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	14.0	118.5				107.2																				14.0	
	16.0	106.9				107.2					91.5					75.9										16.0	
	18.0	96.5	83.7			99.9	85.8				91.5					75.9					63.8					18.0	
	20.0	87.9	77.6			91.3	79.8				91.5	83.7				75.9	75.9				63.8					20.0	
	22.0	80.7	72.3	63.5		81.0	74.6	65.3			80.4	78.4				75.9	75.9				63.8	63.8				22.0	
	24.0	72.0	67.7	60.1		70.9	70.1	62.0			70.3	73.7	64.8			69.9	73.6	66.3			63.8	63.8				24.0	
	26.0	63.7	63.7	57.0	47.0	62.6	65.6	59.0			62.0	65.2	61.8			61.6	64.9	63.3			61.2	63.8	63.8			26.0	
	28.0	56.8	59.3	54.3	45.2		55.7	58.4	56.3	46.8		55.1	58.0	59.0	48.9		54.7	57.6	60.5			54.3	57.3	60.2		28.0	
	30.0	50.9	53.1	51.9	43.6	35.6	49.8	52.2	53.9	45.3	37.0	49.2	51.8	54.3	47.3		48.8	51.5	54.0	48.6		48.4	51.2	53.8	49.7	30.0	
	32.0	45.8	47.8	49.7	42.2	34.8	44.8	46.9	49.0	43.9	36.2	44.1	46.5	48.7	45.9	37.8	43.8	46.2	48.5	47.2	38.8	43.4	45.9	48.3	48.3	32.0	
	34.0	41.5	43.2	44.9	40.9	34.1	40.4	42.3	44.2	42.7	35.5	39.8	41.9	43.9	44.7	37.1	39.4	41.6	43.7	45.9	38.1	39.0	41.3	43.5	46.3	39.0	34.0
	36.0	37.6	39.2	40.6	39.8	33.6	36.5	38.3	40.0	41.5	34.9	35.9	37.8	39.6	42.0	36.5	35.6	37.6	39.5	41.9	37.5	35.2	37.3	39.3	41.8	38.4	36.0
	38.0	34.2	35.6	36.9	38.5		33.2	34.7	36.2	38.1	34.5	32.5	34.3	35.9	38.0	36.0	32.2	34.0	35.7	37.9	36.9	31.8	33.7	35.5	37.9	37.8	38.0
	40.0	31.2	32.4	33.5	34.8		30.2	31.6	32.9	34.5		29.5	31.1	32.5	34.4	35.5	29.2	30.8	32.4	34.4	35.7	28.8	30.6	32.2	34.3	35.8	40.0
	42.0	28.5	29.5	30.5	31.5		27.5	28.7	29.8	31.2		26.8	28.2	29.5	31.1		26.5	28.0	29.4	31.1	32.2	26.1	27.8	29.2	31.1	32.4	42.0
	44.0	26.1	26.9	27.7			25.0	26.1	27.1	28.2		24.4	25.6	26.8	28.1		24.1	25.4	26.7	28.2		23.7	25.2	26.6	28.2	29.3	44.0
	46.0	23.9	24.6	25.1			22.9	23.8	24.6	25.4		22.2	23.3	24.3	25.4		21.9	23.1	24.2	25.6		21.5	22.9	24.1	25.6		46.0
	48.0	21.9	22.4				20.9	21.7	22.3			20.2	21.2	22.0	22.9		19.9	21.0	22.0	23.1		19.6	20.8	21.9	23.2		48.0
	50.0	20.1					19.1	19.7	20.2			18.4	19.2	20.0			18.1	19.1	19.9	20.9		17.7	18.9	19.9	21.0		50.0
	55.0						15.2					14.4	15.0	15.3			14.1	14.9	15.5			13.8	14.7	15.4			55.0
	60.0																10.6	11.1				10.3	11.0	11.5			60.0
	65.0																					7.4	7.8				65.0
	70.0																										70.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	18~82	30~82	39~82	52~82	68~82	15~82	35~82	38~82	49~82	67~82	29~82	32~82	34~82	51~82	67~82	27~82	30~82	42~82	53~82	67~82	25~82	27~82	39~82	57~82	66~82	°	
 m	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

						
4段ESP	2.5m+36mLJ	164 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
	16.0	84.8																										16.0	
	18.0	82.7					73.1					63.7																18.0	
	20.0	75.1					73.1					63.7					54.0						46.2					20.0	
	22.0	68.8	61.6				72.8	64.5				63.7					54.0						46.2					22.0	
	24.0	63.4	57.5				67.0	60.3				63.7	61.5				54.0	54.0					46.2					24.0	
	26.0	58.7	53.9				62.1	56.6				63.7	57.8				54.0	54.0					46.2	46.2				26.0	
	28.0	54.7	50.7	45.6			57.8	53.3	47.7			57.4	54.6				54.0	54.0					46.2	46.2				28.0	
	30.0	51.1	47.9	43.3			52.5	50.3	45.5			51.5	51.7	46.5			50.9	53.0	47.5				46.2	46.2				30.0	
	32.0	48.0	45.3	41.3			47.3	47.7	43.4			46.3	49.0	44.5			45.8	49.0	45.5				45.3	46.2	46.2			32.0	
	34.0	43.6	43.0	39.5	33.2		42.9	45.3	41.6	34.9		41.9	44.6	42.7			41.4	44.3	43.7				40.9	43.8	44.7			34.0	
	36.0	39.7	40.9	37.8	32.1		38.9	41.3	39.8	33.8		38.0	40.5	41.0	34.7		37.5	40.1	42.0	35.5			37.0	39.7	42.4			36.0	
	38.0	36.2	38.2	36.3	31.0	25.4	35.5	37.6	38.3	32.7		34.5	36.9	39.1	33.7		34.0	36.5	38.8	34.5			33.6	36.1	38.5	35.3		38.0	
	40.0	33.1	34.9	34.9	30.1	24.8	32.4	34.4	36.3	31.7	26.2	31.4	33.6	35.7	32.7	27.0	31.0	33.2	35.4	33.6			30.5	32.9	35.1	34.4		40.0	
	42.0	30.4	32.0	33.6	29.2	24.3	29.7	31.5	33.2	30.9	25.7	28.7	30.7	32.6	31.9	26.5	28.2	30.3	32.3	32.7	27.3		27.8	30.0	32.0	33.5	27.9	42.0	
	44.0	27.9	29.4	30.8	28.4	23.9	27.2	28.8	30.4	30.1	25.2	26.2	28.0	29.8	31.1	26.1	25.8	27.7	29.5	31.9	26.8		25.3	27.3	29.3	31.9	27.5	44.0	
	46.0	25.7	27.0	28.3	27.7	23.6	24.9	26.4	27.9	29.3	24.8	24.0	25.7	27.3	29.4	25.7	23.5	25.3	27.0	29.3	26.4		23.1	25.0	26.8	29.1	27.1	46.0	
	48.0	23.7	24.8	26.0	27.1		22.9	24.2	25.6	27.2	24.6	21.9	23.5	24.9	26.9	25.3	21.5	23.1	24.7	26.8	26.0		21.1	22.8	24.5	26.6	26.7	48.0	
	50.0	21.8	22.9	23.8	25.0		21.0	22.2	23.4	24.9		20.1	21.5	22.8	24.5	25.1	19.6	21.2	22.6	24.5	25.7		19.2	20.8	22.4	24.4	25.8	50.0	
	55.0	17.8	18.5	19.1			17.0	17.9	18.7	19.6		16.1	17.2	18.2	19.3		15.6	16.9	18.0	19.4			15.2	16.6	17.8	19.4		55.0	
	60.0	14.0					13.7	14.2	14.7			12.6	13.5	14.3			12.2	13.3	14.2	15.1			11.7	13.0	14.0	15.1		60.0	
	65.0											9.6	10.2				9.2	10.0	10.6				8.8	9.7	10.5			65.0	
	70.0																6.7	7.1					6.2	6.9	7.4			70.0	
	75.0																											75.0	
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	11	ID	
	°	11~82	35~82	38~82	54~82	65~82	28~82	32~82	35~82	49~82	65~82	26~82	29~82	43~82	55~82	65~82	24~82	27~82	40~82	51~82	67~82	32~82	35~82	37~82	55~82	70~82	°		
	t	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t			

						
4段ESP	2.5m+45mLJ	164 t	9.7m x 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	20.0	59.2				50.0																				20.0	
	22.0	59.2				50.0					45.9					39.5										22.0	
	24.0	57.4				50.0					45.9					39.5					34.1					24.0	
	26.0	53.0	48.4			50.0					45.9					39.5					34.1					26.0	
	28.0	49.2	45.4			50.0	48.2				45.9	45.9				39.5					34.1					28.0	
	30.0	45.9	42.7			49.0	45.4				45.9	45.9				39.5	39.5				34.1	34.1				30.0	
	32.0	42.9	40.3	36.5		45.8	42.8				45.9	43.7				39.5	39.5				34.1	34.1				32.0	
	34.0	40.3	38.1	34.7		42.9	40.5	36.8			43.6	41.4	37.5			39.5	39.5				34.1	34.1				34.0	
	36.0	38.0	36.2	33.1		40.4	38.4	35.1			39.6	39.3	35.9			39.1	39.5	36.5			34.1	34.1	34.1			36.0	
	38.0	35.8	34.4	31.7		37.1	36.5	33.6			36.1	37.4	34.4			35.6	38.3	35.1			34.1	34.1	34.1			38.0	
	40.0	33.9	32.8	30.3	25.6	34.0	34.8	32.2			33.0	35.6	33.0			32.5	35.2	33.7			31.9	34.1	34.1			40.0	
	42.0	31.8	31.3	29.1	24.7		31.2	33.2	30.9	26.2		30.2	32.7	31.7	26.9		29.7	32.3	32.5			29.2	31.8	33.2		42.0	
	44.0	29.3	29.9	28.0	23.9		28.6	30.7	29.7	25.4		27.7	30.0	30.6	26.1		27.2	29.6	31.3	26.7		26.7	29.2	31.6		44.0	
	46.0	27.0	28.6	26.9	23.1	18.8	26.4	28.3	28.6	24.6		25.4	27.5	29.5	25.4		24.9	27.1	29.3	26.0		24.4	26.7	29.0	26.6	46.0	
	48.0	25.0	26.6	25.9	22.4	18.4	24.3	26.1	27.6	23.9	19.6	23.3	25.3	27.3	24.7	20.2	22.8	24.9	27.0	25.3		22.3	24.5	26.7	25.9	48.0	
	50.0	23.1	24.6	25.0	21.8	18.0	22.4	24.1	25.7	23.2	19.2	21.4	23.3	25.1	24.0	19.8	20.9	22.9	24.8	24.7	20.4	20.4	22.5	24.5	25.3	20.9	50.0
	55.0	19.0	20.2	21.4	20.4	17.2	18.3	19.7	21.0	21.8	18.3	17.4	18.9	20.4	22.4	19.0	16.9	18.5	20.1	22.3	19.6	16.4	18.1	19.8	22.1	20.1	55.0
	60.0	15.7	16.6	17.4	18.5		14.9	16.0	17.0	18.3		14.0	15.2	16.4	18.0		13.5	14.9	16.2	17.9	19.0	12.9	14.5	15.9	17.8	19.1	60.0
	65.0	12.9	13.5	13.9			12.0	12.9	13.6			10.9	12.0	13.1	14.2		10.4	11.7	12.9	14.2		9.9	11.3	12.6	14.1		65.0
	70.0						9.3	9.8				8.3	9.1	9.8			7.8	8.8	9.7			7.3	8.4	9.5	10.7		70.0
75.0											6.0	6.5				5.5	6.3	6.8			5.1	6.0	6.8			75.0	
80.0																										80.0	
85.0																										85.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
 °	27~82	32~82	35~82	52~82	65~82	25~82	29~82	44~82	57~82	69~82	23~82	27~82	41~82	53~82	71~82	31~82	35~82	38~82	57~82	66~82	36~82	40~82	44~82	54~82	69~82	°	
	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

ラフィングジブ

						
4階ESP	2.5m+54mLxJ	164 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	22.0	43.3				38.5																				22.0	
		24.0	43.3				38.5					34.5					30.0										24.0	
		26.0	43.3				38.5					34.5					30.0					26.2					26.0	
		28.0	43.3				38.5					34.5					30.0					26.2					28.0	
		30.0	43.3	39.9			38.5					34.5					30.0					26.2					30.0	
		32.0	40.3	37.5			38.5	38.0				34.5	34.5				30.0					26.2					32.0	
		34.0	37.7	35.4			38.3	35.9				34.5	34.5				30.0	30.0				26.2	26.2				34.0	
		36.0	35.4	33.4			36.0	34.0				34.5	34.5				30.0	30.0				26.2	26.2				36.0	
		38.0	33.3	31.7	28.8		33.9	32.2				34.5	32.8				30.0	30.0				26.2	26.2				38.0	
		40.0	31.4	30.1	27.5		32.0	30.7	28.1			32.7	31.2	28.6			30.0	30.0				26.2	26.2				40.0	
		42.0	29.7	28.6	26.3		30.3	29.2	26.9			31.0	29.8	27.4			30.0	30.0	27.9			26.2	26.2	26.2			42.0	
		44.0	28.1	27.2	25.2		28.7	27.9	25.8			28.4	28.5	26.4			27.9	29.1	26.9			26.2	26.2	26.2			44.0	
		46.0	26.7	26.0	24.1			27.1	26.6	24.8			26.1	27.2	25.3			25.6	27.8	25.9			25.0	26.2	26.2		46.0	
		48.0	25.3	24.8	23.1	19.5		25.0	25.5	23.8			24.0	26.1	24.4			23.5	26.0	24.9			22.9	25.5	25.4		48.0	
		50.0	24.1	23.7	22.2	18.8		23.1	24.4	22.9	19.5		22.1	24.4	23.5	20.1		21.6	23.9	24.1			21.0	23.5	24.6		50.0	
		55.0	20.0	21.4	20.2	17.4	13.9	18.9	20.7	20.9	18.1	14.5	18.0	19.9	21.5	18.6		17.5	19.5	21.5	19.2		16.9	19.0	21.1	19.6	55.0	
		60.0	16.6	17.8	18.5	16.1	13.1	15.6	17.0	18.5	16.8	13.8	14.6	16.2	17.8	17.4	14.3	14.1	15.8	17.5	18.0	14.8	13.5	15.4	17.2	18.4	15.2	60.0
		65.0	13.7	14.7	15.8	15.1		12.7	13.9	15.1	15.8	13.2	11.6	13.1	14.5	16.4	13.7	11.0	12.7	14.2	16.2	14.1	10.4	12.2	13.9	16.0	14.6	65.0
		70.0	11.2	12.0	12.8	13.7		10.0	11.1	12.2	13.4		9.0	10.3	11.5	13.0		8.4	9.8	11.2	12.9	13.7	7.8	9.4	10.8	12.8	14.0	70.0
		75.0	8.9	9.4				7.8	8.6	9.3			6.7	7.7	8.7	9.8		6.1	7.3	8.4	9.8		5.6	6.9	8.1	9.7	75.0	
	80.0						5.8	6.2					5.5	6.1				5.1	6.0				5.7	6.9		80.0		
	85.0																									85.0		
	90.0																									90.0		
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	24~82	29~82	44~82	49~82	72~82	22~82	26~82	41~82	55~82	67~82	37~82	35~82	38~82	51~82	69~82	41~82	40~82	44~82	55~82	65~82	45~82	49~82	48~82	52~82	67~82	°	
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
		80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

						
4段ESP	2.5m+63mLj	164 t	9.7m × 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	26.0	25.0				25.0					25.0															26.0	
		28.0	25.0				25.0					25.0					22.8										28.0	
		30.0	25.0				25.0					25.0					22.8					20.0					30.0	
		32.0	25.0				25.0					25.0					22.8					20.0					32.0	
		34.0	25.0	25.0			25.0					25.0					22.8					20.0					34.0	
		36.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8					20.0					36.0	
		38.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0					38.0	
		40.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0	20.0				40.0	
		42.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0	20.0				42.0	
		44.0	25.0	25.0	25.0			25.0	25.0	25.0			25.0	25.0				22.8	22.8				20.0	20.0				44.0
		46.0	25.0	25.0	24.0			25.0	25.0	24.6			25.0	25.0	25.0			22.8	22.8	22.8			20.0	20.0				46.0
		48.0	25.0	25.0	23.0			25.0	25.0	23.5			25.0	25.0	24.0			22.8	22.8	22.8			20.0	20.0	20.0			48.0
		50.0	24.4	23.8	22.0			24.8	24.3	22.6			23.9	24.9	23.1			22.8	22.8	22.8			20.0	20.0	20.0			50.0
		55.0	21.5	21.2	19.8	16.6		20.6	21.8	20.4			19.7	21.9	20.9			19.1	21.4	21.4			18.6	20.0	20.0			55.0
		60.0	18.1	19.1	18.0	15.2		17.1	18.9	18.6	15.8		16.2	18.1	19.1	16.3		15.7	17.7	19.6	16.8		15.1	17.3	19.4	17.2		60.0
		65.0	15.2	16.5	16.4	14.0	11.1	14.2	15.7	17.0	14.7	11.6	13.3	15.0	16.7	15.2	12.1	12.8	14.6	16.3	15.7		12.3	14.1	16.0	16.1		65.0
		70.0	12.7	13.8	14.9	13.0	10.4	11.8	13.0	14.3	13.7	11.0	10.8	12.3	13.7	14.2	11.5	10.2	11.9	13.4	14.7	11.9	9.6	11.5	13.1	15.1	12.3	70.0
		75.0	10.6	11.5	12.4	12.2		9.5	10.7	11.8	12.9	10.6	8.5	9.9	11.2	12.9	11.0	7.9	9.4	10.9	12.7	11.4	7.3	9.0	10.6	12.5	11.8	75.0
		80.0	8.6	9.3	10.0			7.5	8.5	9.4	10.5		6.5	7.7	8.8	10.2		5.9	7.2	8.5	10.1		5.3	6.8	8.1	9.9	11.1	80.0
		85.0	6.7	7.1				5.7	6.4	7.0			4.7	5.6	6.5			4.2	5.2	6.2	7.5		3.6	4.8	5.9	7.4		85.0
	90.0						4.0					3.1	3.8	4.3				3.4	4.2				3.0	3.9	5.0		90.0	
	95.0																										95.0	
	100.0																										100.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	20~82	25~82	42~82	57~82	70~82	18~82	35~82	39~82	53~82	65~82	28~82	33~82	36~82	57~82	68~82	39~82	38~82	42~82	54~82	70~82	42~82	42~82	47~82	51~82	66~82	°	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		



2.5m + 72m = 74.5m

164 ↑



9.7m x 9.0m

A-1



360°



JPN



2.5m+81mL

164 ↑



9.7m x 9.0m

A.J



360°



ラフィングジブ

 4段ESP	 2.5m+18mLJ	 127 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	12.0	140.0														12.0	
		14.0	131.2	124.5			130.2	129.7				120.0					14.0	
		16.0	106.4	110.0	97.7		105.3	108.7	100.6			104.8	108.3				16.0	
		18.0	88.4	91.8	91.8		87.3	90.9	93.4			86.8	90.6	93.2			18.0	
		20.0	74.7	77.7	80.4	69.9		73.7	76.8	79.7	72.8		73.2	76.5	79.5		20.0	
		22.0	64.1	66.6	68.9	67.2	53.8	63.1	65.8	68.3	70.2	56.0	62.6	65.4	68.1	71.3	22.0	
		24.0	55.5	57.7	59.7	62.3	52.6	54.6	56.9	59.1	61.9	54.8	54.0	56.5	58.8	61.8	57.2	24.0
		26.0	48.5	50.4	52.1	54.2	51.6	47.6	49.6	51.5	53.9	53.8	47.0	49.2	51.2	53.8	55.6	26.0
		28.0	42.7	44.3	45.7	47.5	48.4	41.7	43.5	45.1	47.1	48.4	41.2	43.1	44.9	47.1	48.5	28.0
		30.0	37.7	39.1	40.3	41.7		36.8	38.3	39.7	41.4	42.3	36.2	37.9	39.5	41.3	42.5	30.0
		32.0	33.4	34.6	35.6	36.6		32.5	33.9	35.1	36.4		32.0	33.5	34.8	36.4	37.2	32.0
		34.0	29.7	30.7	31.5	32.2		28.8	30.0	31.0	32.1		28.3	29.6	30.8	32.1		34.0
		36.0	26.5	27.3	27.8			25.6	26.6	27.4	28.2		25.1	26.2	27.2	28.3		36.0
		38.0	23.7	24.2	24.6			22.8	23.6	24.3			22.2	23.2	24.1	24.9		38.0
		40.0	21.1	21.5				20.3	20.9	21.4			19.7	20.5	21.2	21.8		40.0
		42.0	18.9					18.0	18.5	18.8			17.4	18.1	18.7			42.0
		44.0						15.9	16.2				15.2	15.9	16.3			44.0
		46.0						13.9					13.2	13.7	14.0			46.0
		48.0											11.4	11.7				48.0
		50.0											9.7					50.0
		55.0																55.0
		60.0																60.0
		65.0																65.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	11~82	26~82	36~82	49~82	66~82	15~82	27~82	35~82	52~82	65~82	18~82	27~82	34~82	49~82	65~82	°	
		12	12	12	12	12	12	12	12	12	12	10	10	10	10	10		
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

 4段ESP	 2.5m+27mLJ	 127 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	14.0	118.5				107.2																				14.0	
	16.0	106.9				107.2					91.5					75.9										16.0	
	18.0	92.5	83.7			91.4	85.8				90.8					75.9					63.8					18.0	
	20.0	78.7	77.6			77.5	79.8				76.9	80.8				75.9	75.9				63.8					20.0	
	22.0	67.8	71.2	63.5		66.7	70.5	65.3			66.1	70.1				65.6	69.8				63.8	63.8				22.0	
	24.0	59.1	62.3	60.1		58.0	61.4	62.0			57.4	61.0	63.8			57.0	60.6	63.5			56.5	60.3				24.0	
	26.0	51.9	54.7	57.0	47.0	50.8	53.9	56.7			50.2	53.4	56.5			49.8	53.1	56.2			49.4	52.8	56.0			26.0	
	28.0	46.0	48.5	50.9	45.2	44.9	47.6	50.2	46.8		44.3	47.1	49.9	48.9		43.9	46.8	49.6			43.5	46.5	49.4			28.0	
	30.0	40.9	43.1	45.3	43.6	35.6	39.8	42.2	44.6	45.3	37.0	39.2	41.8	44.3	47.3		38.8	41.5	44.0	47.5		38.4	41.2	43.8	47.3	30.0	
	32.0	36.6	38.5	40.4	42.2	34.8	35.5	37.6	39.7	42.5	36.2	34.9	37.2	39.4	42.4	37.8	34.5	36.9	39.2	42.3	38.8	34.1	36.6	39.0	42.1		32.0
	34.0	32.8	34.5	36.2	38.5	34.1	31.7	33.7	35.5	38.0	35.5	31.1	33.2	35.2	37.9	37.1	30.7	32.9	35.0	37.8	38.1	30.3	32.6	34.8	37.7	39.0	34.0
	36.0	29.5	31.0	32.5	34.4	33.6	28.4	30.2	31.8	34.0	34.9	27.8	29.7	31.5	33.9	35.6	27.4	29.4	31.3	33.8	35.7	27.1	29.2	31.1	33.7	35.6	36.0
	38.0	26.6	27.9	29.2	30.8		25.5	27.1	28.5	30.4	31.7	24.9	26.6	28.2	30.3	31.7	24.5	26.3	28.1	30.3	31.9	24.2	26.1	27.9	30.2	31.9	38.0
	40.0	24.0	25.2	26.3	27.6		22.9	24.3	25.6	27.2		22.3	23.8	25.3	27.1	28.3	21.9	23.6	25.1	27.1	28.4	21.6	23.3	25.0	27.1	28.5	40.0
	42.0	21.6	22.7	23.6	24.6		20.6	21.8	23.0	24.3		19.9	21.4	22.7	24.2		19.6	21.1	22.5	24.3	25.4	19.3	20.9	22.4	24.2	25.5	42.0
	44.0	19.6	20.4	21.2			18.5	19.6	20.6	21.7		17.8	19.1	20.3	21.6		17.5	18.9	20.2	21.7		17.2	18.7	20.0	21.7	22.7	44.0
	46.0	17.7	18.4	18.9			16.6	17.6	18.4	19.2		16.0	17.1	18.1	19.2		15.6	16.9	18.0	19.4		15.2	16.7	17.9	19.4		46.0
	48.0	16.0	16.5				14.9	15.7	16.4			14.1	15.2	16.1	17.0		13.7	15.0	16.1	17.2		13.4	14.8	16.0	17.3		48.0
	50.0	14.3					13.2	13.9	14.5			12.4	13.4	14.2			12.0	13.2	14.2	15.2		11.7	13.0	14.1	15.3		50.0
	55.0						9.6					8.7	9.3	9.7			8.4	9.2	9.9			8.1	9.0	9.8			55.0
	60.0																5.4	5.9				5.1	5.8	6.3			60.0
	65.0																										65.0
	70.0																										70.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	18~82	30~82	39~82	52~82	68~82	15~82	35~82	38~82	49~82	67~82	29~82	32~82	34~82	51~82	67~82	27~82	30~82	42~82	53~82	66~82	34~82	37~82	39~82	57~82	66~82	°	
	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		



2.5m+36mLJ

127 t

9.7m x 9.0m

AJ



360 °



2.5m+45mLJ



127 t



9.7m x 9.0m

AJ



360 °

ラフィングジブ

 4段ESP	 2.5m+54mLJ	 127 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	22.0	43.3				38.5																				22.0	
	24.0	43.3				38.5					34.5					30.0										24.0	
	26.0	43.3				38.5					34.5					30.0						26.2				26.0	
	28.0	43.3				38.5					34.5					30.0						26.2				28.0	
	30.0	43.3	39.9			38.5					34.5					30.0						26.2				30.0	
	32.0	40.3	37.5			38.5	38.0				34.5	34.5				30.0						26.2				32.0	
	34.0	37.7	35.4			36.7	35.9				34.5	34.5				30.0	30.0					26.2	26.2			34.0	
	36.0	34.3	33.4			33.3	34.0				32.3	34.5				30.0	30.0					26.2	26.2			36.0	
	38.0	31.2	31.7	28.8		30.2	32.2				29.3	32.6				28.7	30.0					26.2	26.2			38.0	
	40.0	28.5	30.1	27.5		27.5	30.3	28.1			26.5	29.6	28.6			26.0	29.2					25.4	26.2			40.0	
	42.0	26.1	28.5	26.3		25.1	27.7	26.9			24.1	27.0	27.4			23.5	26.5	27.9				22.9	26.1	26.2		42.0	
	44.0	23.9	26.1	25.2		22.9	25.3	25.8			21.9	24.6	26.4			21.3	24.2	26.9				20.8	23.7	26.2		44.0	
	46.0	21.9	24.0	24.1		20.9	23.2	24.8			19.9	22.4	25.0			19.3	22.0	24.6				18.8	21.5	24.3		46.0	
	48.0	20.1	22.0	23.1	19.5	19.1	21.2	23.4			18.1	20.5	22.8			17.5	20.0	22.5				17.0	19.6	22.1		48.0	
	50.0	18.4	20.2	22.1	18.8	17.4	19.4	21.5	19.5		16.5	18.7	20.9	20.1		15.9	18.2	20.6				15.3	17.8	20.2		50.0	
	55.0	14.8	16.4	17.9	17.4	13.9	13.8	15.5	17.3	18.1	14.5	12.8	14.8	16.7	18.6		12.1	14.3	16.3	19.2		11.5	13.9	16.0	19.0	55.0	
	60.0	11.8	13.2	14.4	16.1	13.1	10.6	12.3	13.8	15.9	13.8	9.6	11.4	13.2	15.5	14.3	8.9	10.9	12.8	15.3	14.8	8.3	10.4	12.4	15.0	15.2	60.0
	65.0	9.1	10.2	11.4	12.9		7.9	9.3	10.6	12.5	13.2	6.9	8.4	9.9	12.0	13.5	6.3	7.9	9.6	11.8	13.5	5.7	7.5	9.2	11.6	13.4	65.0
	70.0	6.8	7.6	8.5	9.4		5.7	6.7	7.8	9.1			5.9	7.1	8.8			5.4	6.8	8.6	9.8		5.0	6.5	8.4	9.8	70.0
	75.0		5.3					5.2						5.7					5.7					5.6			75.0
	80.0																										80.0
	85.0																										85.0
	90.0																										90.0
 °	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	34~82	29~82	44~82	49~82	72~82	39~82	44~82	41~82	55~82	67~82	48~82	48~82	53~82	51~82	69~82	51~82	51~82	56~82	55~82	65~82	53~82	54~82	58~82	58~82	67~82	°	
 t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
 t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

 4段ESP	 2.5m+63mLJ	 127 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	26.0	25.0				25.0					25.0																26.0
	28.0	25.0				25.0					25.0					22.8											28.0
	30.0	25.0				25.0					25.0					22.8						20.0					30.0
	32.0	25.0				25.0					25.0					22.8						20.0					32.0
	34.0	25.0	25.0			25.0					25.0					22.8						20.0					34.0
	36.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8						20.0					36.0
	38.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8					20.0					38.0
	40.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8					20.0	20.0				40.0
	42.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8					20.0	20.0				42.0
	44.0	25.0	25.0	25.0		24.6	25.0	25.0			23.7	25.0				22.8	22.8					20.0	20.0				44.0
	46.0	23.5	25.0	24.0		22.6	25.0	24.6			21.7	24.6	25.0			21.1	22.8	22.8				20.0	20.0				46.0
	48.0	21.7	23.9	23.0		20.8	23.2	23.5			19.9	22.6	24.0			19.3	22.1	22.8				18.7	20.0	20.0			48.0
	50.0	20.0	22.1	22.0		19.1	21.4	22.6			18.2	20.7	23.1			17.6	20.3	22.8				17.0	19.8	20.0			50.0
	55.0	16.4	18.2	19.8	16.6	15.4	17.5	19.5			14.6	16.8	19.0			14.0	16.3	18.6				13.4	15.9	18.3			55.0
	60.0	13.4	15.0	16.5	15.2	12.5	14.2	16.0	15.8		11.5	13.5	15.4	16.3		10.9	13.0	15.1	16.8			10.2	12.6	14.7	17.2		60.0
	65.0	10.9	12.2	13.6	14.0	11.1	9.8	11.4	12.9	14.7	11.6	8.8	10.7	12.4	14.8	12.1	8.2	10.2	12.0	14.6		7.5	9.7	11.7	14.4		65.0
	70.0	8.6	9.8	11.0	12.6	10.4	7.5	8.9	10.3	12.2	11.0	6.5	8.1	9.7	11.8	11.5	5.8	7.6	9.3	11.6	11.9	5.2	7.1	8.9	11.4	12.3	70.0
	75.0	6.5	7.5	8.5	9.9		5.5	6.6	7.8	9.5	10.6	4.5	5.8	7.2	9.1	10.4	3.8	5.4	6.8	8.9	10.4	3.3	4.9	6.5	8.7	10.4	75.0
	80.0	4.8	5.5	6.2		3.7	4.6	5.6	6.7			3.8	5.0	6.4			3.4	4.6	6.3				4.3	6.1	7.4		80.0
	85.0	3.1	3.5					3.4											3.9						3.8		85.0
	90.0																										90.0
	95.0																										95.0
	100.0																										100.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11
 °	20~82	25~82	42~82	57~82	70~82	36~82	42~82	39~82	53~82	65~82	45~82	46~82	51~82	57~82	68~82	48~82	49~82	54~82	54~82	70~82	51~82	56~82	57~82	57~82	66~82	°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

						
4段ESP	2.5m+72mLJ	127 t	9.7m × 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m			
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°				
 m	28.0	24.0				21.8																					28.0			
	30.0	24.0				21.8					19.8									17.5							30.0			
	32.0	24.0				21.8					19.8									17.5			14.9				32.0			
	34.0	24.0				21.8					19.8									17.5			14.9				34.0			
	36.0	23.5				21.8					19.8									17.5			14.9				36.0			
	38.0	22.6				21.8					19.8									17.5			14.9				38.0			
	40.0	21.8	20.2			21.8	20.5				19.8									17.5			14.9				40.0			
	42.0	21.1	19.6			21.6	19.9				19.8	19.8								17.5	17.5		14.9				42.0			
	44.0	20.4	19.0			20.9	19.3				19.8	19.6								17.5	17.5		14.9	14.9			44.0			
	46.0	19.7	18.4			20.3	18.8				19.8	19.1								17.5	17.5		14.9	14.9			46.0			
	48.0	19.1	17.9			19.6	18.2				19.8	18.6								17.5	17.5		14.9	14.9			48.0			
	50.0	18.5	17.4	16.4		19.1	17.7	16.5			18.7	18.1								17.5	17.5		14.9	14.9			50.0			
	55.0	16.9	16.2	15.4		16.0	16.6	15.6			15.1	16.9	15.8							14.5	17.1	16.0		13.9	14.9	14.9	55.0			
	60.0	13.9	15.2	14.5		12.9	14.9	14.7			12.1	14.2	14.9							11.4	13.8	15.2		10.8	13.3	14.9	60.0			
	65.0	11.3	12.9	13.7	12.1		10.4	12.2	13.9	12.6		9.4	11.5	13.4	13.0					8.7	11.0	13.0	13.3		8.1	10.5	12.7	65.0		
	70.0	9.1	10.5	11.9	11.1		8.0	9.7	11.3	11.6		7.0	8.9	10.8	12.1					6.4	8.4	10.4	12.4		5.7	7.9	10.0	70.0		
	75.0	7.1	8.4	9.7	10.2	7.8	6.0	7.5	9.0	10.8	8.3	5.0	6.7	8.4	10.7	8.7				4.4	6.2	8.0	10.5	9.1		5.7	7.6	10.3	9.4	75.0
	80.0	5.3	6.4	7.5	9.1	7.3	4.2	5.5	6.8	8.7	7.8	3.3	4.7	6.2	8.3	8.2				4.2	5.8	8.0	8.6		3.7	5.4	7.8	8.9	80.0	
85.0	3.8	4.6	5.5	6.7			3.8	4.8	6.3			3.0	4.2	5.9	7.2					3.8	5.7	7.2			3.5	5.5	7.1	85.0		
90.0		3.0	3.6					3.0	4.0					3.7								3.6				3.4	4.6	90.0		
95.0																											95.0			
100.0																											100.0			
105.0																											105.0			
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1			
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2			
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3			
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	16	16	16	16	ID			
 °	36~82	35~82	40~82	55~82	69~82	45~82	46~82	45~82	51~82	71~82	47~82	49~82	55~82	55~82	66~82	53~82	56~82	57~82	59~82	69~82	59~82	58~82	59~82	58~82	61~82	65~82	°			
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t				

						
4段ESP	2.5m+81mLJ	127 t	9.7m × 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	30.0	17.6																									30.0
	32.0	17.6				16.1					14.7																32.0
	34.0	17.6				16.1					14.7						13.1					11.1					34.0
	36.0	17.6				16.1					14.7						13.1					11.1					36.0
	38.0	17.6				16.1					14.7						13.1					11.1					38.0
	40.0	17.6				16.1					14.7						13.1					11.1					40.0
	42.0	17.6				16.1					14.7						13.1					11.1					42.0
	44.0	17.6	17.6			16.1	16.1				14.7						13.1					11.1					44.0
	46.0	17.6	17.6			16.1	16.1				14.7	14.7					13.1	13.1				11.1					46.0
	48.0	17.6	17.6			16.1	16.1				14.7	14.7					13.1	13.1				11.1	11.1				48.0
	50.0	17.6	17.6			16.1	16.1				14.7	14.7					13.1	13.1				11.1	11.1				50.0
	55.0	16.9	17.5	15.9		16.1	16.1				14.7	14.7					13.1	13.1				11.1	11.1				55.0
	60.0	13.9	15.5	14.2		13.0	15.2	14.6			12.2	14.6	14.7				11.5	13.1	13.1			10.8	11.1	11.1			60.0
	65.0	11.4	13.1	12.7		10.4	12.4	13.1			9.4	11.8	13.5				8.8	11.3	13.1			8.1	10.8	11.1			65.0
	70.0	9.1	10.8	11.5	9.3		8.1	10.0	11.8	9.7		7.1	9.2	11.3			6.4	8.7	11.0			5.8	8.2	10.6			70.0
	75.0	7.1	8.6	10.1	8.4		6.1	7.8	9.6	8.9		5.1	7.0	8.9	9.3		4.4	6.5	8.5	9.6			5.9	8.1	9.8		75.0
	80.0	5.3	6.7	8.1	7.7	5.5	4.3	5.8	7.4	8.1	5.9	3.3	5.0	6.8	8.5			4.5	6.3	8.8				5.9	8.8		80.0
	85.0	3.8	4.9	6.1	7.0	5.0		4.1	5.5	7.5	5.4		3.3	4.8	7.1	5.8			4.4	6.8	6.1				6.5	6.4	85.0
	90.0		3.4	4.4	5.9	4.6			3.7	5.4	5.1			3.1	5.0	5.4				4.7	5.7				4.5	6.0	90.0
	95.0				3.9					3.5					3.1	4.2						4.2					4.1
100.0																											100.0
105.0																											105.0
110.0																											110.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
 °	44~82	46~82	52~82	53~82	67~82	51~82	53~82	55~82	57~82	69~82	53~82	56~82	57~82	60~82	65~82	58~82	61~82	63~82	67~82	67~82	62~82	65~82	68~82	68~82	69~82	°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

ラフィングジブ

 4段ESP	 2.5m+18mLJ	 94 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	12.0	138.2														12.0
	14.0	108.4	111.9			107.4	111.0				106.9					14.0
	16.0	87.3	90.9	93.8		86.2	89.6	93.1			85.7	89.3				16.0
	18.0	71.9	75.4	77.7		70.9	74.5	77.0			70.4	74.2	76.8			18.0
	20.0	60.3	63.3	66.0	68.7	59.3	62.4	65.3	68.2		58.8	62.1	65.1			20.0
	22.0	51.3	53.8	56.1	59.1	53.8	50.3	53.0	55.5	58.6	56.0	49.7	52.6	55.2	58.5	22.0
	24.0	44.0	46.1	48.1	50.7	52.6	43.0	45.3	47.5	50.3	52.4	42.5	44.9	47.3	50.2	24.0
	26.0	38.0	39.8	41.6	43.7	45.1	37.0	39.1	40.9	43.3	45.0	36.5	38.7	40.7	43.3	26.0
	28.0	33.0	34.6	36.0	37.8	38.8	32.1	33.8	35.5	37.5	38.7	31.5	33.4	35.2	37.4	28.0
	30.0	28.8	30.1	31.3	32.7		27.8	29.4	30.8	32.5	33.4	27.3	29.0	30.5	32.4	30.0
	32.0	25.1	26.3	27.3	28.3		24.2	25.6	26.8	28.1		23.7	25.2	26.5	28.1	32.0
	34.0	22.0	22.9	23.7	24.4		21.1	22.2	23.3	24.3		20.5	21.9	23.0	24.3	34.0
	36.0	19.2	20.0	20.6			18.3	19.3	20.2	21.0		17.7	18.9	19.9	21.0	36.0
	38.0	16.7	17.3	17.7			15.7	16.6	17.4			15.0	16.2	17.1	18.0	38.0
	40.0	14.3	14.7				13.4	14.1	14.6			12.7	13.7	14.5	15.1	40.0
	42.0	12.2					11.3	11.8	12.2			10.6	11.4	12.0		42.0
	44.0						9.4	9.7				8.7	9.4	9.8		44.0
	46.0						7.7					7.0	7.5	7.8		46.0
	48.0											5.5	5.8			48.0
	50.0															50.0
	55.0															55.0
	60.0															60.0
	65.0															65.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	ID
 °	11~82	26~82	36~82	49~82	65~82	15~82	27~82	35~82	52~82	65~82	25~82	27~82	34~82	49~82	65~82	°
	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP	 2.5m+27mLJ	 94 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	14.0	111.5				107.2																				14.0
	16.0	91.2				90.1					89.7					75.9										16.0
	18.0	76.1	79.4			75.0	78.6				74.4					73.9					63.8					18.0
	20.0	64.3	67.5			63.1	66.7				62.5	66.4				62.1	66.0				61.6					20.0
	22.0	55.0	58.4	61.0		53.9	57.6	60.4			53.3	57.3				52.8	56.9				52.4	56.6				22.0
	24.0	47.5	50.7	53.1		46.4	49.8	52.4			45.8	49.4	52.2			45.4	49.1	51.9			45.0	48.7				24.0
	26.0	41.4	44.2	46.8	47.0	40.3	43.3	46.2			39.7	42.9	46.0			39.3	42.6	45.7			38.9	42.2	45.4			26.0
	28.0	36.3	38.8	41.2	43.9	35.2	37.9	40.5	43.5		34.6	37.5	40.2	43.4		34.2	37.2	40.0			33.8	36.8	39.7			28.0
	30.0	32.0	34.2	36.3	39.2	30.9	33.3	35.6	38.7	37.0	30.3	32.9	35.3	38.6		29.9	32.6	35.1	38.5		29.5	32.2	34.9	38.4		30.0
	32.0	28.3	30.2	32.1	34.7	27.2	29.3	31.4	34.2	36.2	26.6	28.9	31.1	34.1	36.4	26.2	28.6	30.9	34.0	36.1	25.8	28.3	30.7	33.8		32.0
	34.0	25.0	26.8	28.5	30.7	24.0	25.9	27.8	30.3	32.1	23.3	25.4	27.5	30.1	32.2	23.0	25.2	27.3	30.0	32.2	22.6	24.9	27.0	29.9	32.1	34.0
	36.0	22.2	23.8	25.2	27.2	21.1	22.9	24.6	26.7	28.3	20.5	22.4	24.2	26.6	28.3	20.2	22.2	24.1	26.5	28.4	19.8	21.9	23.8	26.4	28.4	36.0
	38.0	19.7	21.1	22.4	24.0	18.7	20.2	21.7	23.6	24.8	18.0	19.7	21.4	23.5	24.9	17.7	19.5	21.2	23.4	25.0	17.3	19.2	21.0	23.3	25.0	38.0
	40.0	17.5	18.7	19.8	21.1	16.4	17.8	19.1	20.8		15.7	17.4	18.8	20.7	21.8	15.3	17.1	18.7	20.7	22.0	14.9	16.9	18.5	20.6	22.1	40.0
	42.0	15.4	16.5	17.5	18.5	14.3	15.7	16.9	18.2		13.5	15.1	16.5	18.1		13.1	14.8	16.4	18.1	19.2	12.7	14.6	16.2	18.1	19.4	42.0
	44.0	13.5	14.5	15.3		12.3	13.6	14.7	15.9		11.5	13.0	14.3	15.8		11.2	12.7	14.2	15.9		10.8	12.5	14.0	15.9	16.9	44.0
	46.0	11.7	12.5	13.1		10.6	11.6	12.6	13.5		9.8	11.1	12.2	13.5		9.4	10.8	12.1	13.6		9.1	10.6	12.0	13.7		46.0
	48.0	10.1	10.7			9.0	9.9	10.6			8.2	9.3	10.3	11.3		7.8	9.1	10.3	11.5		7.5	8.9	10.1	11.6		48.0
	50.0	8.7				7.6	8.3	8.8			6.7	7.7	8.5			6.4	7.5	8.5	9.6		6.0	7.3	8.4	9.7		50.0
	55.0																									55.0
	60.0																									60.0
	65.0																									65.0
	70.0																									70.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	18~82	30~82	39~82	52~82	68~82	32~82	35~82	37~82	49~82	67~82	39~82	42~82	45~82	51~82	67~82	44~82	47~82	50~82	53~82	66~82	48~82	51~82	54~82	57~82	66~82	°
	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

						
4段ESP	2.5m+36mLJ	94 t	9.7m x 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	16.0	84.8																									16.0
	18.0	78.3										63.7															18.0
	20.0	66.7										63.7															20.0
	22.0	57.7	60.8									56.0															22.0
	24.0	50.1	53.2									48.4	52.2														24.0
	26.0	43.8	47.1									42.2	46.1														26.0
	28.0	38.6	41.8	44.2								37.0	40.6														28.0
	30.0	34.2	37.1	39.4								32.5	35.9	38.6													30.0
	32.0	30.4	33.0	35.5								28.7	31.8	34.7													32.0
	34.0	27.1	29.5	31.8	33.2							25.4	28.2	30.9													34.0
	36.0	24.2	26.4	28.5	31.1							22.6	25.1	27.6	30.6												36.0
	38.0	21.7	23.7	25.6	28.3	25.4						20.0	22.3	24.6	27.8												38.0
	40.0	19.4	21.2	23.0	25.4	24.8	18.7	20.7	22.6	25.3	26.2	17.7	19.9	22.0	24.9	26.9	17.3	19.5	21.7	24.7							40.0
	42.0	17.4	19.0	20.6	22.8	24.3	16.7	18.5	20.2	22.6	24.6	15.6	17.7	19.6	22.2	24.3	15.1	17.3	19.3	22.1	24.3	14.6	17.0	19.0	21.9	24.2	42.0
	44.0	15.6	17.0	18.5	20.4	21.9	14.7	16.5	18.1	20.2	21.9	13.6	15.7	17.4	19.8	21.7	13.1	15.3	17.2	19.7	21.7	12.6	14.9	16.9	19.5	21.6	44.0
	46.0	13.8	15.2	16.5	18.2	19.4	12.9	14.6	16.1	18.0	19.4	11.8	13.7	15.5	17.6	19.2	11.3	13.3	15.2	17.5	19.3	10.8	12.9	15.0	17.4	19.2	46.0
	48.0	12.2	13.5	14.7	16.2		11.3	12.8	14.3	16.0	17.1	10.2	11.9	13.6	15.6	17.0	9.7	11.6	13.3	15.5	17.0	9.2	11.2	13.0	15.4	17.0	48.0
50.0	10.7	11.9	13.0	14.3		9.8	11.2	12.5	14.1		8.7	10.3	11.8	13.7	14.8	8.2	9.9	11.5	13.6	15.0	7.7	9.5	11.3	13.5	15.0	50.0	
55.0	7.5	8.2	8.9			6.5	7.5	8.5	9.4		5.5	6.7	7.9	9.2												55.0	
60.0																										60.0	
65.0																										65.0	
70.0																										70.0	
75.0																										75.0	
 °	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
 °	30~82	35~82	38~82	54~82	65~82	38~82	42~82	46~82	49~82	65~82	43~82	47~82	51~82	55~82	65~82	52~82	51~82	54~82	51~82	68~82	55~82	59~82	57~82	61~82	70~82	°	
	t	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

						
4段ESP	2.5m+45mLJ	94 t	9.7m x 9.0m	AJ	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m		
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°			
 m	20.0	59.2				50.0																					20.0		
	22.0	59.1				50.0					45.9							39.5									22.0		
	24.0	51.8				50.0					45.9							39.5					34.1				24.0		
	26.0	45.7	48.4			45.2					44.2							39.5					34.1				26.0		
	28.0	40.4	43.3			39.9	43.2				38.9	42.6						38.3					34.1				28.0		
	30.0	35.9	39.0			35.3	38.8				34.4	38.2						33.8	37.9				33.2	34.1			30.0		
	32.0	32.1	35.0	36.5		31.5	34.8				30.5	34.1						29.9	33.7				29.4	33.2			32.0		
	34.0	28.7	31.5	33.8		28.1	31.2	33.7			27.1	30.5	33.2					26.6	30.0				26.0	29.6			34.0		
	36.0	25.8	28.4	30.6		25.2	28.0	30.4			24.2	27.3	29.9					23.7	26.9	29.7			23.1	26.4	29.6		36.0		
	38.0	23.2	25.6	27.9		22.6	25.2	27.7			21.6	24.5	27.3					21.1	24.0	26.9			20.5	23.6	26.6		38.0		
	40.0	20.9	23.1	25.3	25.6	20.2	22.7	25.1			19.3	21.9	24.5					18.8	21.5	24.2			18.2	21.1	23.9		40.0		
	42.0	18.8	20.9	22.9	24.7	18.2	20.4	22.7	25.5		17.2	19.7	22.1	25.1				16.7	19.3	21.8			16.1	18.8	21.4		42.0		
	44.0	16.9	18.8	20.8	23.2		16.3	18.4	20.5	23.2		15.3	17.6	19.9	22.8			14.7	17.2	19.6	22.6		14.1	16.8	19.2		44.0		
	46.0	15.3	17.0	18.8	21.3	18.8	14.5	16.5	18.5	21.2		13.4	15.8	17.9	20.8			12.8	15.4	17.6	20.6		12.2	14.9	17.2	20.4	46.0		
	48.0	13.6	15.3	17.0	19.3	18.4	12.8	14.8	16.6	19.2	19.6	11.7	14.0	16.0	18.8	20.2	11.2	13.5	15.7	18.6			10.6	13.1	15.4	18.4		48.0	
	50.0	12.1	13.8	15.3	17.4	18.0	11.3	13.2	15.0	17.3	19.2	10.2	12.3	14.4	16.9	19.0	9.6	11.9	14.0	16.7	18.9	9.1	11.4	13.6	16.5	18.8		50.0	
	55.0	8.8	10.2	11.5	13.3	14.4	8.0	9.5	11.0	13.1	14.4	6.9	8.7	10.3	12.6	14.3	6.4	8.2	10.0	12.5	14.3	5.8	7.8	9.7	12.3	14.2		55.0	
	60.0	6.2	7.2	8.1	9.3		5.2	6.5	7.6	9.1			5.6	7.0	8.7				5.2	6.7	8.6	9.9			6.4	8.5	10.0	60.0	
	65.0			5.0																							5.3		65.0
	70.0																												70.0
75.0																												75.0	
80.0																												80.0	
85.0																												85.0	
 °	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1		
 °	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2		
 °	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3		
 ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID		
 m	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
 m	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t			

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 4段ESP	 2.5m+54mLJ	 94 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	22.0	43.3				38.5																				22.0	
		24.0	43.3				38.5					34.5					30.0										24.0	
		26.0	43.3				38.5					34.5					30.0					26.2					26.0	
		28.0	41.7				38.5					34.5					30.0					26.2					28.0	
		30.0	37.3	39.9			36.3					34.5					30.0					26.2					30.0	
		32.0	33.4	36.1			32.4	35.5				31.4	34.5				30.0					26.2					32.0	
		34.0	30.0	32.7			29.0	32.1				28.0	31.5				27.4	30.0				26.2	26.2				34.0	
		36.0	27.0	29.8			26.0	29.2				25.1	28.6				24.5	28.1				23.9	26.2				36.0	
		38.0	24.4	27.1	28.8		23.4	26.4				22.4	25.7				21.8	25.3				21.2	24.8				38.0	
		40.0	22.0	24.6	26.7		21.0	23.9	26.2			20.1	23.2	25.8			19.5	22.7				18.9	22.2				40.0	
		42.0	19.9	22.3	24.4		18.9	21.6	23.9			18.0	20.9	23.4			17.4	20.4	23.3			16.8	19.9	23.0			42.0	
		44.0	18.0	20.3	22.4		17.0	19.5	21.9			16.1	18.8	21.4			15.5	18.3	21.1			14.8	17.9	20.8			44.0	
		46.0	16.3	18.4	20.5		15.3	17.6	20.0			14.3	16.9	19.4			13.6	16.4	19.1			12.9	16.0	18.7			46.0	
		48.0	14.8	16.7	18.7	19.5	13.6	15.9	18.1			12.6	15.2	17.5			11.9	14.7	17.2			11.3	14.2	16.8			48.0	
		50.0	13.2	15.2	17.0	18.8	12.1	14.4	16.4	19.0		11.0	13.5	15.8	18.7		10.4	13.0	15.5			9.7	12.5	15.1			50.0	
		55.0	9.9	11.6	13.3	15.6	13.9	8.7	10.7	12.6	15.2	14.5	7.7	9.8	12.0	14.8		7.0	9.3	11.6	14.6		6.4	8.8	11.2	14.4	55.0	
		60.0	7.1	8.6	10.0	12.1	13.1	6.0	7.6	9.3	11.6	13.4		6.8	8.6	11.1	13.2		6.3	8.2	10.9	13.1		5.8	7.8	10.6	13.0	60.0
		65.0		6.0	7.1	8.7		5.0	6.4	8.2	9.6				5.7	7.8	9.4			5.3	7.6	9.3			7.4	9.3	65.0	
		70.0				5.5				5.2											5.9						5.9	70.0
		75.0																										75.0
		80.0																										80.0
		85.0																										85.0
		90.0																										90.0
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
		47~82	47~82	52~82	49~82	72~82	50~82	51~82	56~82	55~82	67~82	57~82	58~82	58~82	65~82	69~82	59~82	60~82	61~82	67~82	65~82	61~82	62~82	67~82	68~82	67~82		
	°																										°	
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
		80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

					
4段ESP	2.5m+18mLJ	208 t	9.7m x 9.0m	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	12.0	140.0														12.0
	14.0	126.7	124.5			125.8	129.7				120.0					14.0
	16.0	110.0	113.3	97.7		109.1	112.6	100.6			108.6	112.3				16.0
	18.0	96.5	99.5	91.8		95.5	98.7	94.9			95.1	98.4	98.6			18.0
	20.0	85.3	88.0	86.7	69.9	84.4	87.2	89.9	72.8		83.9	86.9	89.7			20.0
	22.0	76.0	78.3	80.5	67.2	75.0	77.6	79.9	70.2	56.0	74.5	77.2	79.7	73.6		22.0
	24.0	68.0	70.1	72.1	64.8	67.1	69.3	71.4	67.8	54.8	66.6	69.0	71.2	71.2	57.2	24.0
	26.0	61.2	63.0	64.7	62.7	60.3	62.3	64.1	65.7	53.8	59.7	61.9	63.9	66.4	56.2	26.0
	28.0	55.3	56.9	58.3	60.1	50.9	54.3	56.1	57.8	59.8	53.0	53.8	55.7	57.5	59.7	28.0
	30.0	50.1	51.5	52.7	54.2		49.1	50.7	52.2	53.9	52.4	48.6	50.3	51.9	53.8	30.0
	32.0	45.5	46.7	47.7	48.8		44.6	46.0	47.2	48.6		44.0	45.6	46.9	48.6	32.0
	34.0	41.4	42.4	43.3	44.0		40.5	41.7	42.8	43.9		39.9	41.3	42.5	43.9	34.0
	36.0	37.8	38.6	39.2			36.8	37.9	38.8	39.6		36.2	37.5	38.5	39.7	36.0
	38.0	34.5	35.1	35.5			33.6	34.4	35.2			33.0	34.0	34.9	35.8	38.0
	40.0	31.5	31.9				30.6	31.3	31.8			30.0	30.9	31.7	32.3	40.0
	42.0	24.8					27.9	28.5	28.8			27.3	28.1	28.7		42.0
	44.0						25.5	25.8				24.8	25.4	25.9		44.0
	46.0						22.4					22.6	23.0	23.3		46.0
	48.0											20.5	20.8			48.0
	50.0											18.6				50.0
	55.0															55.0
	60.0															60.0
	65.0															65.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
 °	11~82	26~82	36~82	50~82	66~82	15~82	27~82	35~82	52~82	65~82	18~82	27~82	34~82	49~82	65~82	°
 m	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

					
4段ESP	2.5m+27mLJ	208 t	9.7m x 9.0m	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	14.0	118.5				107.2																				14.0	
	16.0	106.9				107.2					91.5					75.9										16.0	
	18.0	96.5	83.7			98.5	85.8				91.5					75.9					63.8					18.0	
	20.0	87.9	77.6			87.3	79.8				86.8	83.7				75.9	75.9				63.8					20.0	
	22.0	79.0	72.3	63.5		77.9	74.6	65.3			77.4	78.4				75.9	75.9				63.8	63.8				22.0	
	24.0	71.0	67.7	60.1		69.9	70.1	62.0			69.4	72.8	64.8			69.0	72.5	66.3			63.8	63.8				24.0	
	26.0	64.2	63.7	57.0	47.0	63.1	66.0	59.0			62.5	65.7	61.8			62.1	65.3	63.3			61.7	63.8	63.8			26.0	
	28.0	58.2	60.1	54.3	45.2	57.1	59.8	56.3	46.8		56.5	59.4	59.0	48.9		56.1	59.1	60.7			55.7	58.7	61.6			28.0	
	30.0	53.0	55.3	51.9	43.6	51.9	54.4	53.9	45.3	37.0	51.3	53.9	56.4	47.3		50.9	53.6	56.2	48.6		50.5	53.3	55.9	49.7		30.0	
	32.0	48.4	50.4	49.7	42.2	34.8	47.3	49.5	51.7	43.9	36.2	46.6	49.1	51.4	45.9	37.8	46.2	48.8	51.1	47.2	38.8	45.8	48.4	50.9	48.3		32.0
	34.0	44.3	46.1	47.7	40.9	34.1	43.2	45.2	47.2	42.7	35.5	42.5	44.7	46.8	44.7	37.1	42.1	44.4	46.6	45.9	38.1	41.7	44.1	46.4	47.1	39.0	34.0
	36.0	40.6	42.3	43.8	39.8	33.6	39.5	41.3	43.1	41.5	34.9	38.8	40.9	42.8	43.5	36.5	38.4	40.6	42.6	44.8	37.5	38.1	40.3	42.3	45.1	38.4	36.0
	38.0	37.3	38.8	40.2	38.8		36.2	37.9	39.4	40.5	34.5	35.5	37.4	39.1	41.3	36.0	35.1	37.1	38.9	41.3	36.9	34.7	36.8	38.7	41.2	37.8	38.0
	40.0	34.3	35.6	36.8	38.0		33.2	34.7	36.1	37.9		32.5	34.2	35.8	37.7	35.5	32.1	33.9	35.6	37.7	36.5	31.8	33.6	35.4	37.7	37.3	40.0
	42.0	31.6	32.7	33.7	34.8		30.5	31.8	33.1	34.5		29.8	31.3	32.7	34.4		29.4	31.0	32.6	34.5	35.6	29.0	30.8	32.4	34.4	35.8	42.0
	44.0	29.1	30.1	30.9			28.0	29.2	30.3	31.5		27.3	28.7	29.9	31.4		26.9	28.4	29.8	31.5		26.5	28.2	29.6	31.5	32.6	44.0
	46.0	26.9	27.6	28.2			25.7	26.8	27.7	28.6		25.0	26.2	27.3	28.6		24.6	26.0	27.2	28.7		24.3	25.8	27.1	28.7		46.0
48.0	24.8	25.3				23.6	24.5	25.3			22.9	24.0	24.9	25.9		22.5	23.8	24.9	26.1		22.2	23.5	24.8	26.2		48.0	
50.0	22.9					21.7	22.4	23.0			20.9	21.9	22.7			20.6	21.7	22.7	23.7		20.2	21.5	22.6	23.8		50.0	
55.0						16.8					16.7	17.3	17.7				16.4	17.2	17.8			16.0	17.0	17.8		55.0	
60.0																	12.9	13.3				12.5	13.2	13.7		60.0	
65.0																						9.6	10.0			65.0	
70.0																										70.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
 °	18~82	30~82	39~82	52~82	68~82	15~82	35~82	37~82	50~82	67~82	29~82	32~82	34~82	51~82	67~82	27~82	30~82	42~82	52~82	67~82	25~82	27~82	39~82	56~82	66~82	°	
 m	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

ラフィングジブ

 4段ESP	 2.5m+36mLJ	 208 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	16.0	84.8																									16.0
	18.0	82.7				73.1					63.7																18.0
	20.0	75.1				73.1					63.7																20.0
	22.0	68.8	61.6			72.8	64.5				63.7																22.0
	24.0	63.4	57.5			67.0	60.3				63.7	61.5															24.0
	26.0	58.7	53.9			62.1	56.6				63.7	57.8															26.0
	28.0	54.7	50.7	45.6		57.8	53.3	47.7			58.5	54.6															28.0
	30.0	51.1	47.9	43.3		54.0	50.3	45.5			53.2	51.7	46.5														30.0
	32.0	48.0	45.3	41.3		49.6	47.7	43.4			48.6	49.0	44.5														32.0
	34.0	45.2	43.0	39.5	33.2		45.4	45.3	41.6	34.9		44.4	46.7	42.7													34.0
	36.0	42.5	40.9	37.8	32.1		41.7	43.2	39.8	33.8		40.7	43.4	41.0	34.7												36.0
	38.0	39.2	39.0	36.3	31.0	25.4	38.4	40.7	38.3	32.7		37.3	39.8	39.4	33.7												38.0
	40.0	36.2	37.3	34.9	30.1	24.8	35.4	37.5	36.8	31.7	26.2	34.3	36.6	38.0	32.7	27.0											40.0
	42.0	33.4	35.2	33.6	29.2	24.3	32.6	34.6	35.5	30.9	25.7	31.6	33.7	35.8	31.9	26.5											42.0
	44.0	30.9	32.5	32.4	28.4	23.9	30.1	31.9	33.6	30.1	25.2	29.0	31.0	33.0	31.1	26.1											44.0
	46.0	28.6	30.1	31.4	27.7	23.6	27.8	29.4	31.0	29.3	24.8	26.7	28.6	30.3	30.3	25.7											46.0
	48.0	26.5	27.8	29.1	27.1		25.6	27.2	28.6	28.7	24.6	24.6	26.3	27.9	29.7	25.3											48.0
	50.0	24.6	25.7	26.8	26.6		23.7	25.1	26.4	28.0		22.6	24.2	25.7	27.6	25.1											50.0
	55.0	20.3	21.1	21.7			19.4	20.4	21.3	22.3		18.3	19.6	20.7	22.0												55.0
	60.0	14.0					15.8	16.4	16.9			14.7	15.6	16.4													60.0
	65.0											11.7	12.2														65.0
	70.0																										70.0
	75.0																										75.0
 °	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11
 °	11~82	35~82	39~82	54~82	65~82	28~82	32~82	35~82	49~82	65~82	26~82	29~82	43~82	54~82	65~82	24~82	27~82	40~82	51~82	67~82	22~82	25~82	37~82	55~82	70~82	°	
 t	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
 t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

 4段ESP	 2.5m+45mLJ	 208 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	20.0	59.2				50.0																					20.0	
	22.0	59.2				50.0					45.9							39.5									22.0	
	24.0	57.4				50.0					45.9							39.5					34.1				24.0	
	26.0	53.0	48.4			50.0					45.9							39.5					34.1				26.0	
	28.0	49.2	45.4			50.0	48.2				45.9	45.9						39.5					34.1				28.0	
	30.0	45.9	42.7			49.0	45.4				45.9	45.9						39.5	39.5				34.1	34.1			30.0	
	32.0	42.9	40.3	36.5		45.8	42.8				45.9	43.7						39.5	39.5				34.1	34.1			32.0	
	34.0	40.3	38.1	34.7		42.9	40.5	36.8			44.1	41.4	37.5					39.5	39.5				34.1	34.1			34.0	
	36.0	38.0	36.2	33.1		40.4	38.4	35.1			41.5	39.3	35.9					39.5	39.5	36.5			34.1	34.1	34.1		36.0	
	38.0	35.8	34.4	31.7		38.1	36.5	33.6			38.8	37.4	34.4					38.2	38.3	35.1			34.1	34.1	34.1		38.0	
	40.0	33.9	32.8	30.3	25.6	36.0	34.8	32.2			35.7	35.7	33.0					35.1	36.6	33.7			34.1	34.1	34.1		40.0	
	42.0	32.2	31.3	29.1	24.7	34.0	33.2	30.9	26.2		32.9	34.1	31.7	26.9				32.4	35.0	32.5			31.8	34.1	33.2		42.0	
	44.0	30.6	29.9	28.0	23.9		31.4	31.8	29.7	25.4		30.4	32.7	30.6	26.1			29.8	32.5	31.3	26.7		29.3	32.0	32.0		44.0	
	46.0	29.1	28.6	26.9	23.1	18.8	29.1	30.4	28.6	24.6		28.1	30.4	29.5	25.4			27.5	30.0	30.2	26.0		26.9	29.5	31.0	26.6	46.0	
	48.0	27.7	27.5	25.9	22.4	18.4	27.0	29.0	27.6	23.9	19.6	25.9	28.1	28.5	24.7	20.2		25.4	27.7	29.2	25.3		24.8	27.2	29.6	25.9	48.0	
	50.0	25.8	26.4	25.0	21.8	18.0	25.0	26.9	26.7	23.2	19.2	23.9	26.0	27.5	24.0	19.8		23.4	25.6	27.7	24.7	20.4	22.8	25.1	27.3	25.3	20.9	50.0
	55.0	21.5	22.8	23.0	20.4	17.2	20.6	22.2	23.7	21.8	18.3	19.6	21.3	23.0	22.6	19.0		19.0	20.9	22.7	23.2	19.6	18.5	20.5	22.4	23.9	20.1	55.0
	60.0	17.9	18.9	19.8	19.4		17.0	18.2	19.4	20.7		15.9	17.4	18.7	20.5			15.4	17.0	18.5	20.4	19.0	14.9	16.5	18.2	20.3	19.4	60.0
	65.0	14.8	15.5	16.0			13.9	14.8	15.6			12.8	14.0	15.0	16.2			12.3	13.6	14.8	16.3		11.8	13.2	14.5	16.2		65.0
	70.0						11.2	11.7				10.1	11.0	11.7				9.6	10.6	11.6			9.1	10.3	11.4	12.6		70.0
	75.0											7.8	8.2					7.3	8.0	8.6			6.8	7.7	8.5			75.0
	80.0																	5.2	5.6						5.4	5.9		80.0
	85.0																											85.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
 °	27~82	32~82	35~82	52~82	65~82	25~82	29~82	44~82	57~82	69~82	23~82	27~82	41~82	53~82	71~82	21~82	24~82	38~82	57~82	66~82	36~82	33~82	35~82	54~82	69~82	°		
	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		



2.5m + 54m = 56.5m



208 †

9.7m x 9.0m


360

IPN



25m+63m



208 t



9.7m x 9.0m


360

A diagram of a microscope with an objective lens and an eyepiece lens. A double-headed arrow below the objective lens indicates the distance between the two lenses.

ラフィングジブ

 4段ESP	 2.5m+72mLJ	 208 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	28.0	24.0				21.8																					28.0	
	30.0	24.0				21.8					19.8							17.5									30.0	
	32.0	24.0				21.8					19.8							17.5					14.9				32.0	
	34.0	24.0				21.8					19.8							17.5					14.9				34.0	
	36.0	23.5				21.8					19.8							17.5					14.9				36.0	
	38.0	22.6				21.8					19.8							17.5					14.9				38.0	
	40.0	21.8	20.2			21.8	20.5				19.8							17.5					14.9				40.0	
	42.0	21.1	19.6			21.6	19.9				19.8	19.8						17.5	17.5				14.9				42.0	
	44.0	20.4	19.0			20.9	19.3				19.8	19.6						17.5	17.5				14.9	14.9			44.0	
	46.0	19.7	18.4			20.3	18.8				19.8	19.1						17.5	17.5				14.9	14.9			46.0	
	48.0	19.1	17.9			19.6	18.2				19.8	18.6						17.5	17.5				14.9	14.9			48.0	
	50.0	18.5	17.4	16.4		19.1	17.7	16.5			19.6	18.1						17.5	17.5				14.9	14.9			50.0	
	55.0	17.2	16.2	15.4		17.7	16.6	15.6			18.2	16.9	15.8					17.5	17.3	16.0			14.9	14.9	14.9		55.0	
	60.0	16.0	15.2	14.5		16.5	15.6	14.7			17.1	15.9	14.9					17.5	16.3	15.2			14.9	14.9	14.9		60.0	
	65.0	15.0	14.3	13.7	12.1		15.5	14.7	14.0	12.6		15.5	15.1	14.2	13.0			14.8	15.4	14.4	13.3		14.2	14.9	14.7		65.0	
	70.0	14.0	13.6	13.1	11.1		13.8	13.9	13.3	11.6		12.8	14.3	13.6	12.1			12.1	14.2	13.8	12.4		11.5	13.7	14.0	12.8		70.0
	75.0	12.5	12.8	12.1	10.2	7.8	11.4	12.9	12.6	10.8	8.3	10.4	12.1	13.0	11.2	8.7		9.8	11.6	13.2	11.6	9.1	9.1	11.1	13.0	12.0	9.4	75.0
	80.0	10.4	11.5	11.1	9.5	7.3	9.3	10.6	11.6	10.0	7.8	8.3	9.8	11.3	10.5	8.2		7.7	9.3	10.9	10.9	8.6	7.0	8.8	10.5	11.2	8.9	80.0
	85.0	8.6	9.5	10.3	8.9		7.5	8.6	9.7	9.4		6.5	7.7	9.0	9.9	7.9		5.8	7.2	8.7	10.2	8.2	5.2	6.7	8.3	10.4	8.5	85.0
	90.0	6.9	7.6	8.2			5.8	6.7	7.6	8.7		4.8	5.9	6.9	8.3			4.2	5.4	6.6	8.2		3.5	4.9	6.2	8.0	8.2	90.0
	95.0	5.3					4.3	4.9	5.5			3.3	4.1	5.0					3.7	4.7	5.9			3.2	4.3	5.8		95.0
	100.0																											100.0
	105.0																											105.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
 °	17~82	35~82	40~82	55~82	69~82	27~82	33~82	37~82	51~82	71~82	33~82	38~82	43~82	56~82	66~82	42~82	42~82	47~82	52~82	69~82	45~82	46~82	50~82	56~82	65~82		°	
 t	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
 t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

 4段ESP	 2.5m+81mLJ	 208 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	30.0	17.6																									30.0	
	32.0	17.6				16.1					14.7																32.0	
	34.0	17.6				16.1					14.7							13.1						11.1			34.0	
	36.0	17.6				16.1					14.7							13.1						11.1			36.0	
	38.0	17.6				16.1					14.7							13.1						11.1			38.0	
	40.0	17.6				16.1					14.7							13.1						11.1			40.0	
	42.0	17.6				16.1					14.7							13.1						11.1			42.0	
	44.0	17.6	17.6			16.1	16.1				14.7							13.1						11.1			44.0	
	46.0	17.6	17.6			16.1	16.1				14.7	14.7						13.1	13.1					11.1			46.0	
	48.0	17.6	17.6			16.1	16.1				14.7	14.7						13.1	13.1					11.1	11.1		48.0	
	50.0	17.6	17.6			16.1	16.1				14.7	14.7						13.1	13.1					11.1	11.1		50.0	
	55.0	17.6	17.5	15.9		16.1	16.1				14.7	14.7						13.1	13.1					11.1	11.1		55.0	
	60.0	15.9	15.5	14.2		16.1	15.8	14.6			14.7	14.7	14.7					13.1	13.1	13.1				11.1	11.1	11.1		60.0
	65.0	14.0	13.8	12.7		14.3	14.1	13.1			14.6	14.5	13.5					13.1	13.1	13.1				11.1	11.1	11.1		65.0
	70.0	12.5	12.4	11.5	9.3		12.7	12.7	11.9	9.7		12.7	13.0	12.2				12.0	13.1	12.5				11.1	11.1	11.1		70.0
	75.0	11.1	11.1	10.4	8.4		11.3	11.5	10.8	8.9		10.3	11.8	11.1	9.3			9.6	11.8	11.5	9.6			9.0	11.1	11.1	9.8	75.0
	80.0	9.9	10.0	9.4	7.7	5.5	9.2	10.3	9.8	8.1	5.9	8.2	10.0	10.2	8.5			7.6	9.4	10.5	8.8			6.9	8.9	10.8	9.1	80.0
	85.0	8.5	9.0	8.5	7.0	5.0	7.4	8.8	9.0	7.5	5.4	6.4	7.9	9.3	7.9	5.8		5.7	7.4	9.1	8.2	6.1	5.1	6.9	8.7	8.5	6.4	85.0
	90.0	6.8	7.8	7.8	6.4	4.6	5.7	6.9	8.2	6.9	5.1	4.7	6.1	7.5	7.3	5.4		4.1	5.6	7.1	7.6	5.7	3.4	5.0	6.7	7.9	6.0	90.0
	95.0	5.3	6.1	7.0	6.0		4.3	5.3	6.3	6.4		3.2	4.4	5.6	6.8	5.1			3.9	5.2	7.1	5.4		3.4	4.8	6.8	5.7	95.0
	100.0	4.0	4.5	5.1				3.7	4.5												3.5	5.0			3.1	4.8		100.0
	105.0																					3.0						105.0
	110.0																											110.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
 °	26~82	32~82	38~82	53~82	67~82	38~82	38~82	44~82	57~82	69~82	41~82	47~82	48~82	54~82	65~82	48~82	50~82	51~82	51~82	67~82	50~82	52~82	53~82	60~82	69~82	°		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t			

					
4段ESP	2.5m+90mLJ	208 t	9.7m x 9.0m	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	34.0	10.3				9.4																					34.0
	36.0	10.3				9.4					8.6							7.6									36.0
	38.0	10.3				9.4					8.6							7.6					6.8				38.0
	40.0	10.3				9.4					8.6							7.6					6.8				40.0
	42.0	10.3				9.4					8.6							7.6					6.8				42.0
	44.0	10.3				9.4					8.6							7.6					6.8				44.0
	46.0	10.3				9.4					8.6							7.6					6.8				46.0
	48.0	10.0	9.1			9.4	9.3				8.6							7.6					6.8				48.0
	50.0	9.6	8.8			9.4	8.9				8.6	8.6						7.6	7.6				6.8				50.0
	55.0	8.6	7.9			9.0	8.1				8.6	8.3						7.6	7.6				6.8	6.8			55.0
	60.0	7.8	7.2	6.6		8.1	7.4				8.4	7.6						7.6	7.6				6.8	6.8			60.0
	65.0	7.1	6.6	6.1		7.4	6.8	6.2			7.7	7.0	6.3					7.6	7.1	6.4			6.8	6.8	6.5		65.0
	70.0	6.5	6.0	5.6		6.7	6.2	5.7			7.0	6.4	5.8					7.3	6.6	5.9			6.8	6.8	6.1		70.0
	75.0	5.9	5.5	5.2		6.2	5.7	5.3			6.4	5.9	5.4					6.7	6.1	5.5			6.8	6.3	5.7		75.0
	80.0	5.4	5.1	4.8	4.4		5.7	5.3	4.9	4.4		5.9	5.5	5.0	4.5			6.2	5.6	5.1	4.5		6.5	5.8	5.3		80.0
	85.0	5.0	4.7	4.4	4.1		5.2	4.9	4.6	4.1		5.5	5.1	4.7	4.2			5.7	5.2	4.8	4.3		5.1	5.4	4.9	4.3	85.0
	90.0	4.6	4.4	4.1	3.9		4.8	4.5	4.3	3.9	3.6	4.8	4.7	4.4	4.0	3.7		4.1	4.9	4.5	4.1		3.5	5.1	4.6	4.1	90.0
95.0	4.2	4.1	3.9	3.7		4.3	4.2	4.0	3.8	3.2	3.3	4.4	4.1	3.8	3.5			4.2	4.3	3.9	3.6		3.7	4.4	3.9	3.6	95.0
100.0	4.0	3.8	3.7	3.5		3.0	4.0	3.8	3.6			3.3	3.9	3.7	3.2				4.0	3.7	3.4		3.7	3.8	3.5	100.0	
105.0		3.6	3.5	3.4				3.6	3.4				3.0	3.5						3.6	3.3				3.7	3.4	105.0
110.0																											110.0
115.0																											115.0
120.0																											120.0
 °	1	100	100	100	100		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0		50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0		0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17		18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11
 °	37~82	38~82	45~82	52~82		40~82	47~82	48~82	56~82	74~82	47~82	50~82	51~82	59~82	70~82	52~82	56~82	58~82	61~82	66~82	54~82	57~82	60~82	63~82	68~82	°	
 m	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
t	25t	25t	25t	25t		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

					
4段ESP	2.5m+18mLJ	195 t	9.7m x 9.0m	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	12.0	140.0														12.0
	14.0	124.5	124.5			123.6	127.4				120.0					14.0
	16.0	107.9	111.3	97.7		107.0	110.5	100.6			106.6	110.3				16.0
	18.0	94.6	97.6	91.8		93.7	96.9	94.9			93.2	96.5	98.6			18.0
	20.0	83.6	86.2	86.7	69.9	82.6	85.5	88.2	72.8		82.1	85.1	87.9			20.0
	22.0	74.3	76.7	78.9	67.2	53.8	73.4	75.9	78.3	70.2	56.0	72.9	75.6	78.1	73.6	22.0
	24.0	66.5	68.6	70.5	64.8	52.6	65.6	67.8	69.9	67.8	54.8	65.0	67.4	69.7	71.2	24.0
	26.0	59.8	61.6	63.3	62.7	51.6	58.8	60.8	62.7	65.1	53.8	58.3	60.4	62.4	65.0	26.0
	28.0	53.9	55.5	57.0	58.8	50.9	53.0	54.8	56.4	58.4	53.0	52.4	54.4	56.1	58.4	28.0
	30.0	48.8	50.2	51.4	52.9		47.8	49.4	50.9	52.6	52.4	47.3	49.0	50.6	52.5	30.0
	32.0	44.3	45.5	46.5	47.6		43.3	44.7	46.0	47.4		42.8	44.3	45.7	47.4	32.0
	34.0	40.3	41.3	42.1	42.8		39.3	40.5	41.6	42.7		38.7	40.1	41.3	42.7	34.0
	36.0	36.7	37.5	38.1			35.7	36.8	37.7	38.5		35.1	36.4	37.4	38.6	36.0
	38.0	33.4	34.0	34.4			32.5	33.4	34.1			31.9	33.0	33.9	34.8	38.0
	40.0	30.5	30.9				29.6	30.3	30.8			28.9	29.9	30.6	31.3	40.0
	42.0	24.8					26.9	27.5	27.8			26.3	27.1	27.7		42.0
	44.0						24.5	24.9				23.9	24.5	25.0		44.0
	46.0						22.3					21.6	22.1	22.4		46.0
	48.0											19.6	19.9			48.0
	50.0											17.7				50.0
	55.0															55.0
	60.0															60.0
	65.0															65.0
 1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
 2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
 ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
 °	11~82	26~82	36~82	50~82	66~82	15~82	27~82	35~82	52~82	65~82	18~82	27~82	34~82	49~82	65~82	°
 m	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

ラフィングジブ

 4ESP					 2.5m+27mLJ					 195 t					 9.7m x 9.0m					 360°					 JPN				
 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m			
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°			
 m	14.0	118.5				107.2																				14.0			
	16.0	106.9				107.2					91.5					75.9										16.0			
	18.0	96.5	83.7			96.7	85.8				91.5					75.9					63.8					18.0			
	20.0	86.6	77.6			85.6	79.8				85.0	83.7				75.9	75.9				63.8					20.0			
	22.0	77.4	72.3	63.5		76.3	74.6	65.3			75.7	78.4				75.3	75.9				63.8	63.8				22.0			
	24.0	69.5	67.7	60.1		68.4	70.1	62.0			67.8	71.3	64.8			67.4	71.0	66.3			63.8	63.8				24.0			
	26.0	62.7	63.7	57.0	47.0	61.6	64.6	59.0			61.0	64.2	61.8			60.6	63.9	63.3			60.2	63.5	63.8			26.0			
	28.0	56.9	59.4	54.3	45.2		55.8	58.5	56.3	46.8		55.2	58.0	59.0	48.9		54.7	57.7	60.6			54.3	57.4	60.3		28.0			
	30.0	51.7	54.0	51.9	43.6	35.6	50.6	53.1	53.9	45.3	37.0	50.0	52.6	55.2	47.3		49.6	52.3	54.9	48.6		49.2	52.0	54.7	49.7	30.0			
	32.0	47.2	49.2	49.7	42.2	34.8	46.1	48.3	50.5	43.9	36.2	45.4	47.8	50.2	45.9	37.8	45.0	47.5	49.9	47.2	38.8	44.6	47.2	49.7	48.3		32.0		
	34.0	43.1	45.0	46.7	40.9	34.1	42.0	44.1	46.0	42.7	35.5	41.4	43.6	45.7	44.7	37.1	41.0	43.3	45.5	45.9	38.1	40.6	43.0	45.2	47.1	39.0	34.0		
	36.0	39.5	41.2	42.7	39.8	33.6	38.4	40.2	42.0	41.5	34.9	37.7	39.8	41.7	43.5	36.5	37.3	39.5	41.5	44.1	37.5	37.0	39.2	41.2	44.0	38.4	36.0		
	38.0	36.3	37.7	39.1	38.8		35.1	36.8	38.4	40.4	34.5	34.4	36.3	38.0	40.3	36.0	34.1	36.0	37.9	40.2	36.9	33.7	35.7	37.7	40.1	37.8	38.0		
	40.0	33.3	34.6	35.8	37.2		32.2	33.7	35.1	36.9		31.5	33.2	34.7	36.7	35.5	31.1	32.9	34.6	36.7	36.5	30.7	32.6	34.4	36.7	37.3	40.0		
	42.0	30.6	31.8	32.8	33.9		29.5	30.9	32.1	33.6		28.8	30.3	31.7	33.5		28.4	30.1	31.6	33.5	34.7	28.1	29.8	31.4	33.5	34.8	42.0		
	44.0	28.2	29.2	30.0			27.1	28.3	29.3	30.5		26.3	27.7	29.0	30.5		26.0	27.5	28.9	30.5		25.6	27.2	28.7	30.5	31.7	44.0		
	46.0	26.0	26.7	27.3			24.8	25.9	26.8	27.7		24.1	25.3	26.4	27.7		23.7	25.1	26.3	27.8		23.4	24.9	26.2	27.8		46.0		
48.0	23.9	24.5				22.8	23.7	24.4			22.0	23.1	24.1	25.1		21.7	22.9	24.0	25.3		21.3	22.7	23.9	25.3		48.0			
50.0	22.0					20.9	21.6	22.2			20.1	21.1	21.9			19.8	20.9	21.9	22.9		19.4	20.7	21.8	23.0		50.0			
55.0						16.8					15.9	16.5	16.9			15.6	16.4	17.1			15.3	16.2	17.0			55.0			
60.0																12.1	12.6				11.8	12.5	13.0			60.0			
65.0																					8.9	9.3				65.0			
70.0																										70.0			
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1			
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2			
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3			
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID			
 °	18~82	30~82	39~82	52~82	68~82	15~82	35~82	38~82	49~82	67~82	29~82	32~82	34~82	51~82	67~82	27~82	30~82	42~82	52~82	67~82	25~82	27~82	39~82	56~82	66~82	°			
	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8					
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t				

 4段ESP	 2.5m+36mLJ	 195 t	 9.7m × 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	16.0	84.8																								16.0	
	18.0	82.7				73.1					63.7															18.0	
	20.0	75.1				73.1					63.7					54.0					46.2					20.0	
	22.0	68.8	61.6			72.8	64.5				63.7					54.0					46.2					22.0	
	24.0	63.4	57.5			67.0	60.3				63.7	61.5				54.0	54.0				46.2					24.0	
	26.0	58.7	53.9			62.1	56.6				63.1	57.8				54.0	54.0				46.2	46.2				26.0	
	28.0	54.7	50.7	45.6		57.8	53.3	47.7			57.1	54.6				54.0	54.0				46.2	46.2				28.0	
	30.0	51.1	47.9	43.3		53.0	50.3	45.5			51.9	51.7	46.5			51.4	53.0	47.5			46.2	46.2				30.0	
	32.0	48.0	45.3	41.3		48.4	47.7	43.4			47.3	49.0	44.5			46.8	50.1	45.5			46.2	46.2	46.2			32.0	
	34.0	45.0	43.0	39.5	33.2		44.3	45.3	41.6	34.9		43.3	46.2	42.7			42.7	45.8	43.7			42.2	45.3	44.7		34.0	
	36.0	41.4	40.9	37.8	32.1		40.6	43.1	39.8	33.8		39.6	42.3	41.0	34.7		39.1	41.9	42.0	35.5		38.6	41.5	43.0		36.0	
	38.0	38.1	39.0	36.3	31.0	25.4	37.3	39.6	38.3	32.7		36.3	38.8	39.4	33.7		35.8	38.4	40.5	34.5		35.3	38.0	40.6	35.3	38.0	
	40.0	35.1	37.1	34.9	30.1	24.8	34.3	36.5	36.8	31.7	26.2	33.3	35.6	37.9	32.7	27.0	32.8	35.2	37.6	33.6		32.3	34.8	37.3	34.4	40.0	
	42.0	32.5	34.2	33.6	29.2	24.3	31.6	33.6	35.5	30.9	25.7	30.6	32.7	34.8	31.9	26.5	30.1	32.4	34.5	32.7	27.3	29.6	31.9	34.2	33.5	27.9	42.0
	44.0	30.0	31.6	32.4	28.4	23.9	29.2	31.0	32.7	30.1	25.2	28.1	30.1	32.0	31.1	26.1	27.6	29.7	31.7	31.9	26.8	27.1	29.3	31.4	32.8	27.5	44.0
	46.0	27.7	29.2	30.6	27.7	23.6	26.9	28.5	30.1	29.3	24.8	25.8	27.7	29.5	30.3	25.7	25.3	27.3	29.2	31.2	26.4	24.8	26.9	28.9	31.5	27.1	46.0
	48.0	25.7	27.0	28.2	27.1		24.8	26.3	27.7	28.7	24.6	23.7	25.4	27.1	29.2	25.3	23.2	25.1	26.8	29.1	26.0	22.8	24.7	26.5	28.9	26.7	48.0
	50.0	23.8	24.9	26.0	26.6		22.9	24.2	25.5	27.2		21.8	23.4	24.9	26.8	25.1	21.3	23.0	24.6	26.7	25.7	20.8	22.6	24.3	26.6	26.4	50.0
	55.0	19.6	20.3	21.0			18.6	19.6	20.6	21.5		17.6	18.8	19.9	21.3		17.1	18.5	19.8	21.3		16.6	18.1	19.5	21.3		55.0
	60.0	14.0					15.1	15.7	16.2			14.0	14.9	15.7			13.6	14.7	15.6	16.7		13.1	14.3	15.4	16.7		60.0
65.0											11.0	11.6				10.6	11.4	12.0			10.1	11.1	11.9			65.0	
70.0																8.0	8.4				7.6	8.3	8.8			70.0	
75.0																					5.4	5.7				75.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	ID	
 °	11~82	35~82	39~82	54~82	65~82	28~82	32~82	35~82	49~82	65~82	26~82	29~82	43~82	55~82	65~82	24~82	27~82	40~82	51~82	67~82	22~82	25~82	37~82	55~82	70~82	°	
 t	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
 t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		



ラフィングジブ

 4段ESP	 2.5m+63mLJ	 195 t	 9.7m x 9.0m	 360°	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	26.0	25.0				25.0					25.0															26.0	
		28.0	25.0				25.0					25.0					22.8										28.0	
		30.0	25.0				25.0					25.0					22.8					20.0					30.0	
		32.0	25.0				25.0					25.0					22.8					20.0					32.0	
		34.0	25.0	25.0			25.0					25.0					22.8					20.0					34.0	
		36.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8					20.0					36.0	
		38.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0					38.0	
		40.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0	20.0				40.0	
		42.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0	20.0				42.0	
		44.0	25.0	25.0	25.0		25.0	25.0	25.0			25.0	25.0				22.8	22.8				20.0	20.0				44.0	
		46.0	25.0	25.0	24.0		25.0	25.0	24.6			25.0	25.0	25.0			22.8	22.8	22.8			20.0	20.0				46.0	
		48.0	25.0	25.0	23.0		25.0	25.0	23.5			25.0	25.0	24.0			22.8	22.8	22.8			20.0	20.0	20.0			48.0	
		50.0	24.4	23.8	22.0		24.9	24.3	22.6			25.0	24.9	23.1			22.8	22.8	22.8			20.0	20.0	20.0			50.0	
		55.0	21.6	21.2	19.8	16.6	22.0	21.8	20.4			21.2	22.3	20.9			20.5	22.8	21.4			19.9	20.0	20.0			55.0	
		60.0	19.2	19.1	18.0	15.2	18.5	19.6	18.6	15.8		17.5	19.7	19.1	16.3		16.9	19.2	19.6	16.8		16.3	18.7	20.0	17.2		60.0	
		65.0	16.5	17.3	16.4	14.0	11.1	15.4	17.2	17.0	14.7	11.6	14.4	16.3	17.6	15.2	12.1	13.8	15.8	17.9	15.7		13.2	15.3	17.5	16.1	65.0	
		70.0	13.9	15.1	15.1	13.0	10.4	12.8	14.2	15.7	13.7	11.0	11.7	13.4	15.0	14.2	11.5	11.1	12.9	14.7	14.7	11.9	10.5	12.4	14.3	15.1	12.3	70.0
		75.0	11.5	12.5	13.6	12.2		10.4	11.7	12.9	12.9	10.6	9.4	10.8	12.2	13.4	11.0	8.8	10.3	11.9	13.9	11.4	8.2	9.9	11.5	13.8	11.8	75.0
		80.0	9.4	10.2	10.9			8.4	9.3	10.3	11.5		7.3	8.5	9.7	11.2		6.7	8.1	9.3	11.1		6.1	7.6	9.0	10.9	11.4	80.0
		85.0	7.6	8.0				6.5	7.2	7.9			5.5	6.4	7.3			4.9	6.0	7.1	8.3		4.3	5.6	6.8	8.3		85.0
		90.0						4.8					3.8	4.5	5.1			3.3	4.1	4.9				3.7	4.7	5.8		90.0
		95.0																										95.0
		100.0																										100.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	5	16	16	16	16	16	11	11	11	11	ID	
	°	20~82	25~82	42~82	57~82	70~82	18~82	35~82	39~82	53~82	65~82	28~82	33~82	36~82	57~82	68~82	33~82	38~82	42~82	54~82	70~82	42~82	42~82	47~82	51~82	66~82	°	
	t	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

 4段ESP	 2.5m+72mLJ	 195 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	28.0	24.0				21.8																				28.0	
	30.0	24.0				21.8					19.8					17.5										30.0	
	32.0	24.0				21.8					19.8					17.5					14.9					32.0	
	34.0	24.0				21.8					19.8					17.5					14.9					34.0	
	36.0	23.5				21.8					19.8					17.5					14.9					36.0	
	38.0	22.6				21.8					19.8					17.5					14.9					38.0	
	40.0	21.8	20.2			21.8	20.5				19.8					17.5					14.9					40.0	
	42.0	21.1	19.6			21.6	19.9				19.8	19.8				17.5	17.5				14.9					42.0	
	44.0	20.4	19.0			20.9	19.3				19.8	19.6				17.5	17.5				14.9	14.9				44.0	
	46.0	19.7	18.4			20.3	18.8				19.8	19.1				17.5	17.5				14.9	14.9				46.0	
	48.0	19.1	17.9			19.6	18.2				19.8	18.6				17.5	17.5				14.9	14.9				48.0	
	50.0	18.5	17.4	16.4		19.1	17.7	16.5			19.6	18.1				17.5	17.5				14.9	14.9				50.0	
	55.0	17.2	16.2	15.4		17.7	16.6	15.6			18.2	16.9	15.8			17.5	17.3	16.0			14.9	14.9	14.9			55.0	
	60.0	16.0	15.2	14.5		16.5	15.6	14.7			17.1	15.9	14.9			17.3	16.3	15.2			14.9	14.9	14.9			60.0	
	65.0	15.0	14.3	13.7	12.1		15.5	14.7	14.0	12.6		14.8	15.1	14.2	13.0		14.2	15.4	14.4	13.3		13.5	14.9	14.7		65.0	
	70.0	14.0	13.6	13.1	11.1		13.2	13.9	13.3	11.6		12.2	14.1	13.6	12.1		11.5	13.6	13.8	12.4		10.9	13.1	14.0	12.8	70.0	
	75.0	11.9	12.8	12.1	10.2	7.8	10.8	12.4	12.6	10.8	8.3	9.8	11.5	13.0	11.2	8.7	9.2	11.0	12.9	11.6	9.1	8.5	10.5	12.5	12.0	9.4	75.0
	80.0	9.9	11.0	11.1	9.5	7.3	8.8	10.1	11.5	10.0	7.8	7.8	9.3	10.8	10.5	8.2	7.1	8.8	10.4	10.9	8.6	6.5	8.2	10.0	11.2	8.9	80.0
	85.0	8.1	9.0	9.9	8.9		7.0	8.1	9.2	9.4		5.9	7.2	8.5	9.9	7.9	5.3	6.7	8.1	10.1	8.2	4.7	6.2	7.8	9.9	8.5	85.0
	90.0	6.4	7.1	7.7			5.3	6.2	7.1	8.2		4.3	5.4	6.5	7.9		3.7	4.9	6.1	7.7		3.1	4.4	5.7	7.5	8.2	90.0
	95.0	4.9					3.8	4.5	5.0									3.2	4.2	5.4				3.9	5.3		95.0
	100.0																										100.0
	105.0																										105.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
 °	17~82	35~82	40~82	55~82	69~82	27~82	33~82	37~82	51~82	71~82	38~82	38~82	43~82	56~82	66~82	42~82	42~82	47~82	52~82	69~82	45~82	50~82	50~82	56~82	65~82	°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

						
4段ESP	2.5m+81mLJ	195 t	9.7m × 9.0m		360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	m	30.0	17.6																								30.0
		32.0	17.6				16.1					14.7															32.0
		34.0	17.6				16.1					14.7					13.1					11.1					34.0
		36.0	17.6				16.1					14.7					13.1					11.1					36.0
		38.0	17.6				16.1					14.7					13.1					11.1					38.0
		40.0	17.6				16.1					14.7					13.1					11.1					40.0
		42.0	17.6				16.1					14.7					13.1					11.1					42.0
		44.0	17.6	17.6			16.1	16.1				14.7					13.1					11.1					44.0
		46.0	17.6	17.6			16.1	16.1				14.7	14.7				13.1	13.1				11.1					46.0
		48.0	17.6	17.6			16.1	16.1				14.7	14.7				13.1	13.1				11.1	11.1				48.0
		50.0	17.6	17.6			16.1	16.1				14.7	14.7				13.1	13.1				11.1	11.1				50.0
		55.0	17.6	17.5	15.9		16.1	16.1				14.7	14.7				13.1	13.1				11.1	11.1				55.0
		60.0	15.9	15.5	14.2		16.1	15.8	14.6			14.7	14.7	14.7			13.1	13.1	13.1			11.1	11.1	11.1			60.0
		65.0	14.0	13.8	12.7		14.3	14.1	13.1			14.6	14.5	13.5			13.1	13.1	13.1			11.1	11.1	11.1			65.0
		70.0	12.5	12.4	11.5	9.3	12.7	12.7	11.9	9.7		12.1	13.0	12.2			11.4	13.1	12.5			10.7	11.1	11.1			70.0
		75.0	11.1	11.1	10.4	8.4	10.8	11.5	10.8	8.9		9.7	11.7	11.1	9.3		9.1	11.2	11.5	9.6		8.4	10.6	11.1	9.8		75.0
		80.0	9.8	10.0	9.4	7.7	5.5	8.7	10.3	9.8	8.1	5.9	7.7	9.5	10.2	8.5		7.0	8.9	10.5	8.8		6.4	8.4	10.4	9.1	80.0
		85.0	8.0	9.0	8.5	7.0	5.0	6.9	8.3	9.0	7.5	5.4	5.9	7.4	9.0	7.9	5.8	5.2	6.9	8.6	8.2	6.1	4.5	6.4	8.2	8.5	6.4
	90.0	6.3	7.3	7.8	6.4	4.6	5.3	6.5	7.7	6.9	5.1	4.2	5.6	7.0	7.3	5.4	3.6	5.1	6.6	7.6	5.7		4.5	6.2	7.9	6.0	90.0
	95.0	4.9	5.7	6.5	6.0		3.8	4.8	5.8	6.4			4.0	5.2	6.8	5.1		3.4	4.8	6.6	5.4			4.3	6.4	5.7	95.0
	100.0	3.5	4.1	4.7			3.3	4.1						3.4	4.7				3.1	4.6					4.4		100.0
	105.0																										105.0
	110.0																										110.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	ID
	°	26~82	32~82	38~82	53~82	67~82	38~82	38~82	44~82	57~82	69~82	45~82	47~82	48~82	54~82	65~82	48~82	50~82	51~82	57~82	67~82	53~82	56~82	57~82	60~82	69~82	°
	t	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

						
4段ESP	2.5m+90mLJ	195 t	9.7m × 9.0m		360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	34.0	10.3				9.4																					34.0	
	36.0	10.3				9.4					8.6					7.6											36.0	
	38.0	10.3				9.4					8.6					7.6						6.8					38.0	
	40.0	10.3				9.4					8.6					7.6						6.8					40.0	
	42.0	10.3				9.4					8.6					7.6						6.8					42.0	
	44.0	10.3				9.4					8.6					7.6						6.8					44.0	
	46.0	10.3				9.4					8.6					7.6						6.8					46.0	
	48.0	10.0	9.1			9.4	9.3				8.6					7.6						6.8					48.0	
	50.0	9.6	8.8			9.4	8.9				8.6	8.6				7.6	7.6					6.8					50.0	
	55.0	8.6	7.9			9.0	8.1				8.6	8.3				7.6	7.6					6.8	6.8				55.0	
	60.0	7.8	7.2	6.6		8.1	7.4				8.4	7.6				7.6	7.6					6.8	6.8				60.0	
	65.0	7.1	6.6	6.1		7.4	6.8	6.2			7.7	7.0	6.3			7.6	7.1	6.4				6.8	6.8	6.5			65.0	
	70.0	6.5	6.0	5.6		6.7	6.2	5.7			7.0	6.4	5.8			7.3	6.6	5.9				6.8	6.8	6.1			70.0	
	75.0	5.9	5.5	5.2		6.2	5.7	5.3			6.4	5.9	5.4			6.7	6.1	5.5				6.8	6.3	5.7			75.0	
	80.0	5.4	5.1	4.8	4.4		5.7	5.3	4.9	4.4		5.9	5.5	5.0	4.5		6.2	5.6	5.1	4.5		6.4	5.8	5.3			80.0	
	85.0	5.0	4.7	4.4	4.1		5.2	4.9	4.6	4.1		5.5	5.1	4.7	4.2		5.3	5.2	4.8	4.3		4.6	5.4	4.9	4.3		85.0	
	90.0	4.6	4.4	4.1	3.9		4.8	4.5	4.3	3.9	3.6	4.3	4.7	4.4	4.0	3.7	3.7	4.9	4.5	4.1		3.0	4.8	4.6	4.1		90.0	
	95.0	4.2	4.1	3.9	3.7		3.9	4.2	4.0	3.8	3.2		4.3	4.1	3.8	3.5		3.8	4.3	3.9	3.6		3.2	4.4	3.9	3.6	95.0	
	100.0	3.6	3.8	3.7	3.5			3.7	3.8	3.6				3.9	3.7	3.2				3.7	3.7	3.4		3.3	3.8	3.5	100.0	
	105.0			3.2	3.5	3.4				3.2	3.4					3.5					3.6	3.3				3.6	3.4	105.0
110.0																											110.0	
115.0																											115.0	
120.0																											120.0	
 %	1	100	100	100	100		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0		50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2		
	3	0	0	0	0		0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID	17	17	17	17		18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID	
 °	37~82	38~82	45~82	52~82		45~82	47~82	48~82	56~82	74~82	51~82	54~82	56~82	59~82	70~82	52~82	56~82	58~82	61~82	66~82	54~82	57~82	60~82	63~82	68~82		°	
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
	25t	25t	25t	25t		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t			

ラフィングジブ

 4段ESP	 2.5m+18mLJ	 164 t	 9.7m x 9.0m		 360°	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	12.0	139.2														12.0	
		14.0	119.0	122.7			118.1	122.0				117.7					14.0	
		16.0	102.9	106.3	97.7		102.0	105.5	100.6			101.6	105.2				16.0	
		18.0	89.9	93.0	91.8		89.0	92.2	94.9			88.5	91.9	94.9			18.0	
		20.0	79.2	81.9	84.5	69.9		78.3	81.2	83.9	72.8		77.8	80.8	83.7		20.0	
		22.0	70.3	72.7	74.9	67.2	53.8	69.4	71.9	74.3	70.2	56.0	68.9	71.6	74.1	73.6	22.0	
		24.0	62.7	64.8	66.8	64.8	52.6	61.8	64.1	66.2	67.8	54.8	61.3	63.7	65.9	68.9	57.2	24.0
		26.0	56.2	58.1	59.8	61.9	51.6	55.3	57.3	59.2	61.5	53.8	54.7	56.9	58.9	61.5	56.2	26.0
		28.0	50.6	52.2	53.7	55.4	50.9	49.6	51.4	53.1	55.1	53.0	49.1	51.0	52.8	55.0	55.3	28.0
		30.0	45.6	47.0	48.3	49.7		44.7	46.3	47.7	49.4	50.4	44.1	45.9	47.5	49.4	50.5	30.0
		32.0	41.3	42.5	43.5	44.6		40.3	41.7	43.0	44.4		39.7	41.3	42.7	44.4	45.2	32.0
		34.0	37.4	38.4	39.2	40.0		36.4	37.7	38.7	39.9		35.9	37.3	38.5	39.9		34.0
		36.0	33.9	34.7	35.4			33.0	34.0	34.9	35.8		32.4	33.6	34.7	35.8		36.0
		38.0	30.8	31.4	31.8			29.9	30.8	31.5			29.3	30.3	31.3	32.2		38.0
		40.0	28.0	28.4				27.1	27.8	28.3			26.4	27.4	28.1	28.8		40.0
		42.0	24.8					24.5	25.1	25.4			23.9	24.7	25.3			42.0
		44.0						22.2	22.6				21.5	22.2	22.7			44.0
		46.0						20.1					19.4	19.9	20.2			46.0
		48.0											17.5	17.8				48.0
		50.0											15.7					50.0
		55.0																55.0
		60.0																60.0
		65.0																65.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	11~82	26~82	36~82	50~82	66~82	15~82	27~82	35~82	52~82	65~82	18~82	27~82	34~82	49~82	65~82	°	
	m	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10		
	t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

 4段ESP	 2.5m+27mLJ	 164 t	 9.7m x 9.0m		 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	14.0	118.5				107.2																				14.0	
	16.0	106.0				105.0					91.5					75.9										16.0	
	18.0	93.1	83.7			92.1	85.8				91.5					75.9					63.8					18.0	
	20.0	82.4	77.6			81.3	79.8				80.8	83.7				75.9	75.9				63.8					20.0	
	22.0	73.4	72.3	63.5		72.3	74.6	65.3			71.7	75.6				71.3	75.3				63.8	63.8				22.0	
	24.0	65.8	67.7	60.1		64.7	68.0	62.0			64.1	67.6	64.8			63.7	67.3	66.3			63.2	63.8				24.0	
	26.0	59.2	62.0	57.0	47.0	58.1	61.1	59.0			57.5	60.7	61.8			57.1	60.4	63.3			56.7	60.0	63.2			26.0	
	28.0	53.6	56.1	54.3	45.2	52.4	55.2	56.3	46.8		51.8	54.7	57.5	48.9		51.4	54.4	57.3			51.0	54.1	57.0			28.0	
	30.0	48.6	50.9	51.9	43.6	35.6	47.5	50.0	52.3	45.3	37.0	46.8	49.5	52.1	47.3	46.4	49.2	51.8	48.6		46.0	48.9	51.5	49.7		30.0	
	32.0	44.2	46.3	48.2	42.2	34.8	43.1	45.3	47.5	43.9	36.2	42.4	44.9	47.2	45.9	37.8	42.0	44.6	47.0	47.2	38.8	41.6	44.2	46.7	48.3		32.0
	34.0	40.3	42.2	43.9	40.9	34.1	39.2	41.2	43.2	42.7	35.5	38.5	40.7	42.9	44.7	37.1	38.1	40.5	42.7	45.6	38.1	37.7	40.1	42.4	45.4	39.0	34.0
	36.0	36.8	38.5	40.0	39.8	33.6	35.7	37.5	39.3	41.5	34.9	35.0	37.0	39.0	41.5	36.5	34.6	36.8	38.8	41.4	37.5	34.2	36.5	38.6	41.3	38.4	36.0
	38.0	33.7	35.2	36.5	38.3		32.5	34.2	35.8	37.9	34.5	31.8	33.7	35.5	37.7	36.0	31.5	33.4	35.3	37.7	36.9	31.1	33.2	35.1	37.6	37.8	38.0
	40.0	30.8	32.1	33.3	34.8		29.7	31.2	32.6	34.4		29.0	30.7	32.3	34.3	35.5	28.6	30.4	32.1	34.3	35.7	28.2	30.2	31.9	34.2	35.8	40.0
	42.0	28.3	29.4	30.4	31.5		27.1	28.5	29.7	31.2		26.4	27.9	29.4	31.1		26.0	27.7	29.2	31.1	32.3	25.7	27.4	29.0	31.1	32.5	42.0
	44.0	25.9	26.9	27.7			24.8	26.0	27.1	28.3		24.0	25.4	26.7	28.2		23.7	25.2	26.6	28.3		23.3	24.9	26.4	28.3	29.4	44.0
	46.0	23.8	24.5	25.2			22.6	23.7	24.6	25.5		21.9	23.1	24.2	25.5		21.5	22.9	24.2	25.6		21.2	22.6	24.0	25.6		46.0
	48.0	21.8	22.4				20.7	21.5	22.3			19.9	21.0	22.0	22.9		19.5	20.8	21.9	23.2		19.2	20.5	21.8	23.2		48.0
	50.0	20.0					18.8	19.6	20.1			18.0	19.0	19.8			17.7	18.8	19.8	20.9		17.4	18.6	19.7	21.0		50.0
	55.0						14.9					14.0	14.6	15.0			13.7	14.5	15.2			13.4	14.3	15.2			55.0
	60.0																10.4	10.9				10.1	10.8	11.3			60.0
	65.0																					7.3	7.7				65.0
	70.0																										70.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	18~82	30~82	39~82	52~82	68~82	15~82	35~82	38~82	49~82	67~82	29~82	32~82	34~82	51~82	67~82	27~82	30~82	42~82	53~82	67~82	25~82	27~82	39~82	57~82	66~82	°	
 m	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		



2.5m+36m=38.5m



164 +

9.7m x 9.0



360



Diagram of a trapezoidal cross-section with a circular hole at the top, labeled 't' and 'IPN'.



2.5m+45mLJ



164 $\uparrow$

9.7m x 9.0

360



ラフィングジブ

 4段ESP	 2.5m+54mLJ	 164 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	22.0	43.3				38.5																				22.0	
	24.0	43.3				38.5					34.5					30.0										24.0	
	26.0	43.3				38.5					34.5					30.0						26.2				26.0	
	28.0	43.3				38.5					34.5					30.0						26.2				28.0	
	30.0	43.3	39.9			38.5					34.5					30.0						26.2				30.0	
	32.0	40.3	37.5			38.5	38.0				34.5	34.5				30.0						26.2				32.0	
	34.0	37.7	35.4			38.3	35.9				34.5	34.5				30.0	30.0					26.2	26.2			34.0	
	36.0	35.4	33.4			36.0	34.0				34.5	34.5				30.0	30.0					26.2	26.2			36.0	
	38.0	33.3	31.7	28.8		33.9	32.2				34.5	32.8				30.0	30.0					26.2	26.2			38.0	
	40.0	31.4	30.1	27.5		32.0	30.7	28.1			32.7	31.2	28.6			30.0	30.0					26.2	26.2			40.0	
	42.0	29.7	28.6	26.3		30.3	29.2	26.9			30.2	29.8	27.4			29.6	30.0	27.9				26.2	26.2	26.2		42.0	
	44.0	28.1	27.2	25.2		28.7	27.9	25.8			27.8	28.5	26.4			27.2	29.1	26.9				26.2	26.2	26.2		44.0	
	46.0	26.7	26.0	24.1		26.6	26.6	24.8			25.6	27.2	25.3			24.9	27.8	25.9				24.3	26.2	26.2		46.0	
	48.0	25.3	24.8	23.1	19.5	24.6	25.5	23.8			23.5	26.1	24.4			22.9	25.7	24.9				22.3	25.2	25.4		48.0	
	50.0	23.8	23.7	22.2	18.8	22.7	24.4	22.9	19.5		21.7	24.1	23.5	20.1		21.0	23.6	24.1				20.4	23.1	24.6		50.0	
	55.0	19.7	21.4	20.2	17.4	13.9	18.6	20.5	20.9	18.1	14.5	17.5	19.7	21.5	18.6		16.9	19.2	21.4	19.2			16.3	18.7	21.0	19.6	55.0
	60.0	16.3	17.7	18.5	16.1	13.1	15.1	16.8	18.4	16.8	13.8	14.1	15.9	17.7	17.4	14.3	13.4	15.4	17.4	18.0	14.8	12.8	14.9	17.0	18.4	15.2	60.0
	65.0	13.3	14.5	15.7	15.1		12.2	13.6	14.9	15.8	13.2	11.1	12.7	14.2	16.4	13.7	10.5	12.2	13.9	16.2	14.1	9.9	11.7	13.5	15.9	14.6	65.0
	70.0	10.8	11.7	12.6	13.5		9.7	10.8	11.8	13.2		8.6	9.9	11.2	12.8		8.0	9.4	10.8	12.7	13.7	7.4	8.9	10.5	12.5	14.0	70.0
	75.0	8.6	9.1				7.4	8.3	9.0			6.4	7.4	8.4	9.6		5.8	7.0	8.1	9.5		5.2	6.5	7.8	9.4		75.0
	80.0						5.5	5.9					5.2	5.9					5.7					5.4	6.6		80.0
	85.0																										85.0
	90.0																										90.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	24~82	29~82	44~82	49~82	72~82	22~82	26~82	41~82	55~82	67~82	37~82	35~82	38~82	51~82	69~82	41~82	46~82	44~82	55~82	65~82	45~82	49~82	48~82	52~82	67~82	°	
 m	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
 t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

 4段ESP	 2.5m+63mLJ	 164 t	 9.7m x 9.0m	 360°	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	26.0	25.0				25.0					25.0																26.0
		28.0	25.0				25.0					25.0					22.8											28.0
		30.0	25.0				25.0					25.0					22.8						20.0					30.0
		32.0	25.0				25.0					25.0					22.8						20.0					32.0
		34.0	25.0	25.0			25.0					25.0					22.8						20.0					34.0
		36.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8						20.0					36.0
		38.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8					20.0					38.0
		40.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8					20.0	20.0				40.0
		42.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8					20.0	20.0				42.0
		44.0	25.0	25.0	25.0		25.0	25.0	25.0			25.0	25.0				22.8	22.8					20.0	20.0				44.0
		46.0	25.0	25.0	24.0		25.0	25.0	24.6			25.0	25.0	25.0			22.8	22.8	22.8				20.0	20.0				46.0
		48.0	25.0	25.0	23.0		25.0	25.0	23.5			25.0	25.0	24.0			22.8	22.8	22.8				20.0	20.0	20.0			48.0
		50.0	24.4	23.8	22.0		24.5	24.3	22.6			23.5	24.9	23.1			22.8	22.8	22.8				20.0	20.0	20.0			50.0
		55.0	21.4	21.2	19.8	16.6	20.3	21.8	20.4			19.3	21.8	20.9			18.7	21.3	21.4				18.1	20.0	20.0			55.0
		60.0	17.9	19.1	18.0	15.2	16.8	18.8	18.6	15.8		15.8	18.0	19.1	16.3		15.2	17.5	19.6	16.8		14.6	17.0	19.4	17.2			60.0
		65.0	15.0	16.5	16.4	14.0	11.1	13.9	15.6	17.0	14.7	11.6	12.8	14.7	16.7	15.2	12.1	12.2	14.3	16.3	15.7		11.6	13.8	15.9	16.1		65.0
		70.0	12.4	13.7	14.9	13.0	10.4	11.3	12.8	14.2	13.7	11.0	10.3	11.9	13.6	14.2	11.5	9.6	11.4	13.2	14.7	11.9	9.0	10.9	12.8	15.1	12.3	70.0
		75.0	10.1	11.2	12.2	12.2		9.0	10.3	11.5	12.9	10.6	8.0	9.4	10.8	12.8	11.0	7.4	8.9	10.5	12.6	11.4	6.8	8.5	10.1	12.4	11.8	75.0
		80.0	8.1	8.9	9.6			7.0	8.0	9.0	10.2		6.0	7.2	8.4	9.9		5.4	6.7	8.0	9.8		4.8	6.3	7.7	9.6	10.9	80.0
		85.0	6.3	6.7				5.3	6.0	6.6			4.2	5.2	6.1			3.7	4.8	5.8	7.1		3.1	4.3	5.5	7.0		85.0
		90.0						3.6						3.3	3.9				3.0	3.7					3.5	4.6		90.0
		95.0																										95.0
		100.0																										100.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	20~82	25~82	42~82	57~82	70~82	18~82	35~82	39~82	53~82	65~82	35~82	33~82	36~82	57~82	68~82	39~82	38~82	42~82	54~82	70~82	42~82	47~82	47~82	51~82	66~82	°	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

 4段ESP	 2.5m+72mLJ	 164 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m				
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°					
	28.0	24.0				21.8																					28.0				
	30.0	24.0				21.8					19.8									17.5							30.0				
	32.0	24.0				21.8					19.8									17.5			14.9				32.0				
	34.0	24.0				21.8					19.8									17.5			14.9				34.0				
	36.0	23.5				21.8					19.8									17.5			14.9				36.0				
	38.0	22.6				21.8					19.8									17.5			14.9				38.0				
	40.0	21.8	20.2			21.8	20.5				19.8									17.5			14.9				40.0				
	42.0	21.1	19.6			21.6	19.9				19.8	19.8								17.5	17.5		14.9				42.0				
	44.0	20.4	19.0			20.9	19.3				19.8	19.6								17.5	17.5		14.9	14.9			44.0				
	46.0	19.7	18.4			20.3	18.8				19.8	19.1								17.5	17.5		14.9	14.9			46.0				
	48.0	19.1	17.9			19.6	18.2				19.8	18.6								17.5	17.5		14.9	14.9			48.0				
	50.0	18.5	17.4	16.4		19.1	17.7	16.5			19.6	18.1								17.5	17.5		14.9	14.9			50.0				
	55.0	17.2	16.2	15.4		17.7	16.6	15.6			18.2	16.9	15.8							17.5	17.3	16.0		14.9	14.9	14.9		55.0			
	60.0	16.0	15.2	14.5		16.5	15.6	14.7			16.3	15.9	14.9							15.6	16.3	15.2		14.9	14.9	14.9		60.0			
	65.0	15.0	14.3	13.7	12.1		14.3	14.7	14.0	12.6		13.3	15.1	14.2	13.0					12.6	14.9	14.4	13.3		12.0	14.4	14.7		65.0		
	70.0	12.8	13.6	13.1	11.1		11.7	13.5	13.3	11.6		10.7	12.6	13.6	12.1					10.0	12.1	13.8	12.4		9.4	11.6	13.8	12.8		70.0	
	75.0	10.5	11.9	12.1	10.2	7.8	9.5	11.0	12.6	10.8	8.3	8.4	10.2	11.9	11.2	8.7				7.8	9.6	11.5	11.6	9.1	7.2	9.1	11.1	12.0	9.4	75.0	
80.0	8.6	9.7	10.9	9.5	7.3	7.5	8.8	10.2	10.0	7.8	6.5	8.0	9.5	10.5	8.2				5.8	7.5	9.1	10.9	8.6	5.2	6.9	8.7	11.2	8.9	80.0		
85.0	6.8	7.7	8.7	8.9		5.7	6.8	8.0	9.4		4.7	6.0	7.3	9.1	7.9				4.1	5.5	6.9	8.9	8.2	3.4	5.0	6.5	8.7	8.5	85.0		
90.0	5.2	5.9	6.6			4.2	5.0	5.9	7.0		3.1	4.2	5.3	6.7						3.7	4.9	6.6				3.2	4.6	6.4	7.6	90.0	
95.0	3.8						3.3	3.9						3.4								3.1	4.3					4.2		95.0	
100.0																															100.0
105.0																															105.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1			
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2			
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	100	100	100	100	100	3			
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	16	11	11	11	11	11	ID			
 °	17~82	35~82	40~82	55~82	69~82	34~82	33~82	37~82	51~82	71~82	38~82	44~82	43~82	55~82	66~82	46~82	47~82	47~82	52~82	69~82	48~82	50~82	55~82	56~82	65~82					°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t					

 4段ESP	 2.5m+81mLJ	 164 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	30.0	17.6																									30.0	
	32.0	17.6				16.1					14.7																32.0	
	34.0	17.6				16.1					14.7						13.1					11.1					34.0	
	36.0	17.6				16.1					14.7						13.1					11.1					36.0	
	38.0	17.6				16.1					14.7						13.1					11.1					38.0	
	40.0	17.6				16.1					14.7						13.1					11.1					40.0	
	42.0	17.6				16.1					14.7						13.1					11.1					42.0	
	44.0	17.6	17.6			16.1	16.1				14.7						13.1					11.1					44.0	
	46.0	17.6	17.6			16.1	16.1				14.7	14.7					13.1	13.1				11.1					46.0	
	48.0	17.6	17.6			16.1	16.1				14.7	14.7					13.1	13.1				11.1	11.1				48.0	
	50.0	17.6	17.6			16.1	16.1				14.7	14.7					13.1	13.1				11.1	11.1				50.0	
	55.0	17.6	17.5	15.9		16.1	16.1				14.7	14.7					13.1	13.1				11.1	11.1				55.0	
	60.0	15.9	15.5	14.2		16.1	15.8	14.6			14.7	14.7	14.7				13.1	13.1	13.1			11.1	11.1	11.1			60.0	
	65.0	14.0	13.8	12.7		14.2	14.1	13.1			13.2	14.5	13.5				12.5	13.1	13.1			11.1	11.1	11.1			65.0	
	70.0	12.5	12.4	11.5	9.3		11.6	12.7	11.9	9.7		10.6	12.8	12.2			9.9	12.3	12.5			9.3	11.1	11.1			70.0	
	75.0	10.4	11.1	10.4	8.4		9.4	11.2	10.8	8.9		8.4	10.3	11.1	9.3		7.7	9.8	11.5	9.6		7.0	9.3	11.1	9.8		75.0	
	80.0	8.5	9.9	9.4	7.7	5.5	7.4	9.0	9.8	8.1	5.9	6.4	8.2	10.0	8.5		5.7	7.6	9.5	8.8		5.1	7.1	9.1	9.1		80.0	
	85.0	6.7	7.9	8.5	7.0	5.0	5.7	7.0	8.5	7.5	5.4	4.6	6.2	7.8	7.9	5.8	4.0	5.7	7.4	8.2	6.1	3.3	5.1	7.0	8.5	6.4	85.0	
	90.0	5.2	6.2	7.2	6.4	4.6	4.1	5.3	6.5	6.9	5.1	3.1	4.4	5.9	7.3	5.4		3.9	5.4	7.6	5.7		3.4	5.0	7.4	6.0	90.0	
	95.0	3.8	4.6	5.4	6.0			3.7	4.7	6.2							4.1	5.8	5.1			3.7	5.5	5.4		3.2	5.3	5.7
100.0		3.1	3.6					3.0												3.5					3.3		100.0	
105.0														3.7													105.0	
110.0																											110.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID	
 °	33~82	32~82	38~82	53~82	67~82	42~82	44~82	44~82	57~82	69~82	45~82	52~82	53~82	54~82	65~82	51~82	54~82	55~82	57~82	67~82	53~82	56~82	57~82	60~82	69~82	°		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

ラフィングジブ

 4段ESP	 2.5m+18mLJ	 127 t	 9.7m x 9.0m		 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	12.0	131.8														12.0
	14.0	112.3	115.9			111.4	115.2				111.0					14.0
	16.0	96.7	100.1	97.7		95.8	99.3	100.6			95.3	99.0				16.0
	18.0	84.2	87.3	90.0		83.3	86.5	89.4			82.8	86.2	89.2			18.0
	20.0	73.9	76.6	79.2	69.9	73.0	75.9	78.6	72.8		72.5	75.5	78.4			20.0
	22.0	65.3	67.7	70.0	67.2	53.8	64.4	67.0	69.4	70.2	56.0	63.9	66.6	69.1	72.5	22.0
	24.0	58.1	60.2	62.1	64.7	52.6	57.1	59.4	61.5	64.3	54.8	56.6	59.0	61.3	64.2	24.0
	26.0	51.8	53.7	55.4	57.6	51.6	50.8	52.9	54.8	57.2	53.8	50.2	52.5	54.5	57.1	26.0
	28.0	45.4	47.1	48.6	50.4	50.9	44.4	46.3	48.0	50.0	51.3	43.8	45.9	47.7	49.9	28.0
	30.0	39.9	41.5	42.7	44.2		38.9	40.6	42.2	43.9	44.8	38.2	40.2	41.9	43.8	30.0
	32.0	35.2	36.5	37.6	38.8		34.1	35.7	37.0	38.6		33.5	35.2	36.7	38.5	32.0
	34.0	31.1	32.2	33.1	33.8		30.1	31.4	32.5	33.7		29.4	30.9	32.2	33.7	34.0
	36.0	27.5	28.4	29.0			26.5	27.6	28.6	29.4		25.8	27.2	28.3	29.5	36.0
	38.0	24.4	25.0	25.4			23.4	24.3	25.0			22.7	23.8	24.8	25.7	38.0
	40.0	21.6	21.9				20.6	21.3	21.9			19.9	20.9	21.7	22.3	40.0
	42.0	19.0					18.1	18.7	19.0			17.4	18.3	18.9		42.0
	44.0						15.9	16.2				15.2	15.9	16.3		44.0
	46.0						13.9					13.2	13.7	14.0		46.0
	48.0											11.4	11.7			48.0
	50.0											9.7				50.0
	55.0															55.0
	60.0															60.0
	65.0															65.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	ID
 °	11~82	26~82	36~82	49~82	66~82	15~82	27~82	35~82	52~82	65~82	18~82	27~82	34~82	49~82	65~82	°
 m	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP	 2.5m+27mLJ	 127 t	 9.7m x 9.0m		 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	14.0	115.2				107.2																				14.0	
	16.0	99.8				98.9					91.5					75.9										16.0	
	18.0	87.4	83.7			86.4	85.8				85.8					75.9					63.8					18.0	
	20.0	77.1	77.6			76.0	79.8				75.5	79.6				75.0	75.9				63.8					20.0	
	22.0	68.5	71.8	63.5		67.4	71.0	65.3			66.8	70.7				66.4	70.3				63.8	63.8				22.0	
	24.0	61.1	64.2	60.1		60.0	63.4	62.0			59.5	63.0	64.8			59.0	62.7	66.0			58.6	62.3				24.0	
	26.0	54.9	57.7	57.0	47.0	53.8	56.8	59.0			53.2	56.4	59.5			52.7	56.1	59.2			52.3	55.7	58.9			26.0	
	28.0	48.9	51.4	53.9	45.2	47.7	50.5	53.2	46.8		47.1	50.1	52.9	48.9		46.7	49.7	52.6			46.2	49.4	52.3			28.0	
	30.0	43.4	45.7	47.9	43.6	35.6	42.3	44.8	47.2	45.3	37.0	41.6	44.3	46.8	47.3		41.2	44.0	46.6	48.6		40.7	43.7	46.3	49.7	30.0	
	32.0	38.8	40.8	42.7	42.2	34.8	37.5	39.9	42.0	43.9	36.2	36.8	39.4	41.7	44.7	37.8	36.4	39.1	41.4	44.6	38.8	35.9	38.8	41.2	44.4	32.0	
	34.0	34.6	36.5	38.2	40.5	34.1	33.4	35.6	37.5	40.1	35.5	32.6	35.0	37.2	39.9	37.1	32.2	34.7	37.0	39.8	38.1	31.8	34.4	36.7	39.7	39.0	34.0
	36.0	30.9	32.7	34.3	36.3	33.6	29.7	31.7	33.6	35.8	34.9	29.0	31.1	33.2	35.7	36.5	28.5	30.8	33.0	35.6	37.5	28.1	30.5	32.7	35.5	37.5	36.0
	38.0	27.7	29.3	30.7	32.5		26.5	28.3	30.0	32.1	33.3	25.7	27.7	29.6	31.9	33.4	25.3	27.4	29.4	31.9	33.5	24.9	27.1	29.1	31.8	33.5	38.0
	40.0	24.9	26.2	27.5	28.9		23.7	25.2	26.7	28.5		22.9	24.7	26.3	28.4	29.7	22.5	24.4	26.2	28.4	29.9	22.1	24.1	26.0	28.3	29.9	40.0
	42.0	22.3	23.5	24.5	25.6		21.1	22.5	23.8	25.3		20.3	21.9	23.4	25.2		20.0	21.7	23.3	25.2	26.4	19.6	21.4	23.1	25.2	26.6	42.0
	44.0	20.0	21.0	21.8			18.8	20.1	21.2	22.4		18.0	19.5	20.8	22.3		17.7	19.2	20.7	22.4		17.3	19.0	20.5	22.4	23.5	44.0
	46.0	17.9	18.7	19.3			16.8	17.8	18.8	19.7		16.0	17.3	18.4	19.6		15.6	17.0	18.3	19.8		15.2	16.8	18.2	19.8		46.0
	48.0	16.1	16.6				14.9	15.8	16.5			14.1	15.2	16.2	17.2		13.7	15.0	16.2	17.4		13.4	14.8	16.0	17.5		48.0
	50.0	14.3					13.2	13.9	14.5			12.4	13.4	14.2			12.0	13.2	14.2	15.2		11.7	13.0	14.1	15.3		50.0
	55.0						9.6					8.7	9.3	9.7			8.4	9.2	9.9			8.1	9.0	9.8			55.0
	60.0																5.4	5.9				5.1	5.8	6.3			60.0
	65.0																										65.0
	70.0																										70.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	18~82	30~82	39~82	52~82	68~82	15~82	35~82	38~82	49~82	67~82	29~82	32~82	34~82	51~82	67~82	27~82	30~82	42~82	53~82	66~82	34~82	37~82	39~82	57~82	66~82	°	
 m	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		



ラフィングジブ

 4段ESP	 2.5m+54mLJ	 127 t	 9.7m x 9.0m	 360°	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	22.0	43.3				38.5					34.5					30.0										22.0	
		24.0	43.3				38.5					34.5					30.0						26.2				24.0	
		26.0	43.3				38.5					34.5					30.0						26.2				26.0	
		28.0	43.3				38.5					34.5					30.0						26.2				28.0	
		30.0	43.3	39.9			38.5					34.5					30.0						26.2				30.0	
		32.0	40.3	37.5			38.5	38.0				34.5	34.5				30.0						26.2				32.0	
		34.0	37.7	35.4			38.3	35.9				34.5	34.5				30.0	30.0					26.2	26.2			34.0	
		36.0	35.4	33.4			35.1	34.0				34.1	34.5				30.0	30.0					26.2	26.2			36.0	
		38.0	32.9	31.7	28.8		31.8	32.2				30.7	32.8				30.0	30.0					26.2	26.2			38.0	
		40.0	29.9	30.1	27.5		28.8	30.7	28.1			27.7	31.1	28.6			27.0	30.0					26.2	26.2			40.0	
		42.0	27.3	28.6	26.3		26.1	29.1	26.9			25.0	28.3	27.4			24.4	27.8	27.9				23.7	26.2	26.2		42.0	
		44.0	24.9	27.2	25.2		23.7	26.5	25.8			22.6	25.7	26.4			22.0	25.1	26.9				21.3	24.6	26.2		44.0	
		46.0	22.7	25.0	24.1		21.5	24.1	24.8			20.4	23.3	25.3			19.8	22.8	25.7				19.1	22.3	25.3		46.0	
		48.0	20.7	22.9	23.1	19.5	19.5	22.0	23.8			18.5	21.1	23.8			17.8	20.6	23.4				17.2	20.1	23.0		48.0	
		50.0	18.9	20.9	22.2	18.8	17.7	20.0	22.3	19.5		16.7	19.2	21.7	20.1		16.0	18.7	21.3				15.4	18.1	20.9		50.0	
		55.0	15.0	16.7	18.4	17.4	13.9	13.8	15.8	17.7	18.1	14.5	12.8	14.9	17.0	18.6		12.1	14.4	16.6	19.2		11.5	13.9	16.2	19.6	55.0	
		60.0	11.8	13.2	14.6	16.1	13.1	10.6	12.3	13.9	16.2	13.8	9.6	11.4	13.2	15.8	14.3	8.9	10.9	12.8	15.5	14.8	8.3	10.4	12.4	15.3	15.2	60.0
		65.0	9.1	10.2	11.4	12.9		7.9	9.3	10.6	12.5	13.2	6.9	8.4	9.9	12.0	13.6	6.3	7.9	9.6	11.8	13.6	5.7	7.5	9.2	11.6	13.5	65.0
		70.0	6.8	7.6	8.5	9.4		5.7	6.7	7.8	9.1		5.9	7.1	8.8			5.4	6.8	8.6	9.8		5.0	6.5	8.4	9.8	70.0	
		75.0		5.3					5.2						5.7					5.7						5.6		75.0
		80.0																										80.0
		85.0																										85.0
		90.0																										90.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	ID	
	°	34~82	29~82	44~82	49~82	72~82	39~82	44~82	41~82	55~82	67~82	48~82	48~82	53~82	51~82	69~82	51~82	51~82	56~82	55~82	65~82	53~82	54~82	58~82	58~82	67~82	°	
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

 4段ESP	 2.5m+63mLJ	 127 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	26.0	25.0				25.0					25.0															26.0	
	28.0	25.0				25.0					25.0					22.8										28.0	
	30.0	25.0				25.0					25.0					22.8					20.0					30.0	
	32.0	25.0				25.0					25.0					22.8					20.0					32.0	
	34.0	25.0	25.0			25.0					25.0					22.8					20.0					34.0	
	36.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8					20.0					36.0	
	38.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0					38.0	
	40.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0	20.0				40.0	
	42.0	25.0	25.0			25.0	25.0				25.0	25.0				22.8	22.8				20.0	20.0				42.0	
	44.0	25.0	25.0	25.0		25.0	25.0	25.0			24.8	25.0				22.8	22.8				20.0	20.0				44.0	
	46.0	24.7	25.0	24.0		23.6	25.0	24.6			22.6	25.0	25.0			21.9	22.8	22.8			20.0	20.0				46.0	
	48.0	22.7	25.0	23.0		21.6	24.4	23.5			20.6	23.6	24.0			19.9	22.8	22.8			19.3	20.0	20.0			48.0	
	50.0	20.8	23.2	22.0		19.8	22.4	22.6			18.7	21.6	23.1			18.1	21.1	22.8			17.4	20.0	20.0			50.0	
	55.0	16.9	18.9	19.8	16.6		15.8	18.1	20.3			14.8	17.3	19.7			14.1	16.8	19.4			13.5	16.2	19.0		55.0	
	60.0	13.6	15.4	17.1	15.2		12.5	14.5	16.5	15.8		11.5	13.7	15.8	16.3		10.9	13.2	15.5	16.8		10.2	12.7	15.1	17.2	60.0	
	65.0	10.9	12.4	13.9	14.0	11.1	9.8	11.5	13.2	14.7	11.6	8.8	10.7	12.5	15.2	12.1	8.2	10.2	12.2	15.0		7.5	9.7	11.8	14.7	65.0	
	70.0	8.6	9.8	11.0	12.9	10.4	7.5	8.9	10.3	12.4	11.0	6.5	8.1	9.7	12.0	11.5	5.8	7.6	9.3	11.8	11.9	5.2	7.1	8.9	11.5	12.3	70.0
	75.0	6.5	7.5	8.5	9.9		5.5	6.6	7.8	9.5	10.6	4.5	5.8	7.2	9.1	10.5	3.8	5.4	6.8	8.9	10.5	3.3	4.9	6.5	8.7	10.4	75.0
	80.0	4.8	5.5	6.2			3.7	4.6	5.6	6.7			3.8	5.0	6.4			3.4	4.6	6.3				4.3	6.1	7.4	80.0
	85.0	3.1	3.5						3.4											3.9					3.8		85.0
	90.0																										90.0
	95.0																										95.0
	100.0																										100.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	20~82	25~82	42~82	57~82	70~82	36~82	42~82	39~82	53~82	65~82	45~82	46~82	51~82	57~82	68~82	48~82	49~82	54~82	54~82	70~82	51~82	56~82	57~82	57~82	66~82	°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

A diagram showing a rectangular block labeled 't' hanging from a ceiling by a rope. The rope is attached to the top center of the block and extends upwards to a small circle representing a support point on the ceiling.



ラフィングジブ

 4段ESP	 2.5m+18mLJ	 94 t	 9.7m x 9.0m		 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	12.0	124.4														12.0
	14.0	105.5	109.2			104.7	108.5				104.2					14.0
	16.0	90.6	94.0	97.1		89.6	93.2	96.5			89.2	92.9				16.0
	18.0	77.4	80.9	83.2		76.3	80.1	82.5			75.7	79.7	82.2			18.0
	20.0	64.5	67.5	70.3	69.9	63.4	66.6	69.7	72.5		62.8	66.2	69.4			20.0
	22.0	54.5	57.1	59.5	62.6	53.8	53.5	56.2	58.9	62.1	56.0	52.9	55.8	58.6	62.0	22.0
	24.0	46.6	48.8	50.9	53.6	52.6	45.6	48.0	50.2	53.1	54.8	45.0	47.6	50.0	53.0	24.0
	26.0	40.1	42.0	43.8	46.0	47.4	39.0	41.2	43.2	45.6	47.3	38.4	40.8	42.9	45.5	26.0
	28.0	34.6	36.4	37.9	39.7	40.7	33.5	35.5	37.3	39.4	40.6	32.8	35.0	37.0	39.3	28.0
	30.0	29.9	31.4	32.8	34.3		28.8	30.6	32.2	34.0	35.0	28.1	30.1	31.8	34.0	30.0
	32.0	25.9	27.2	28.3	29.5		24.8	26.3	27.7	29.2		24.2	25.9	27.4	29.2	32.0
	34.0	22.4	23.5	24.3	25.1		21.4	22.7	23.8	25.0		20.7	22.2	23.5	25.0	34.0
	36.0	19.4	20.2	20.9			18.3	19.5	20.4	21.3		17.7	19.0	20.1	21.3	36.0
	38.0	16.7	17.3	17.7			15.7	16.6	17.4			15.0	16.2	17.1	18.1	38.0
	40.0	14.3	14.7				13.4	14.1	14.6			12.7	13.7	14.5	15.1	40.0
	42.0	12.2					11.3	11.8	12.2			10.6	11.4	12.0		42.0
	44.0						9.4	9.7				8.7	9.4	9.8		44.0
	46.0						7.7					7.0	7.5	7.8		46.0
	48.0											5.5	5.8			48.0
	50.0															50.0
	55.0															55.0
	60.0															60.0
	65.0															65.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	ID
 °	11~82	26~82	36~82	49~82	65~82	15~82	27~82	35~82	52~82	65~82	25~82	27~82	34~82	49~82	65~82	°
	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 4段ESP	 2.5m+27mLJ	 94 t	 9.7m x 9.0m		 360°	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	14.0	108.5				107.2																				14.0	
		16.0	93.7				92.7						91.5				75.9										16.0	
		18.0	81.7	83.7			80.6	84.0					80.0				75.9						63.8				18.0	
		20.0	68.6	71.8			67.4	70.9					66.8	70.6			66.3	70.3					63.8				20.0	
		22.0	58.4	61.9	63.5		57.2	61.1	63.7				56.6	60.8			56.1	60.4					55.6	60.0			22.0	
		24.0	50.3	53.6	55.8		49.1	52.6	55.2				48.5	52.2	55.0		48.0	51.9	54.7				47.6	51.5			24.0	
		26.0	43.7	46.6	49.2	47.0		42.5	45.7	48.6			41.9	45.2	48.4		41.5	44.9	48.1				41.0	44.5	47.8		26.0	
		28.0	38.2	40.8	43.2	45.2		37.1	39.8	42.5	45.4		36.4	39.4	42.2	45.3		35.9	39.1	42.0				35.4	38.7	41.7		28.0
		30.0	33.6	35.9	38.1	41.0	35.6	32.3	34.9	37.3	40.5	37.0	31.6	34.5	37.0	40.4		31.1	34.1	36.8	40.3			30.6	33.8	36.5	40.1	30.0
		32.0	29.4	31.7	33.6	36.2	34.8	28.2	30.7	32.9	35.8	36.2	27.5	30.1	32.6	35.6	37.8	27.0	29.8	32.3	35.5	37.6	26.6	29.4	32.1	35.3		32.0
		34.0	25.9	27.9	29.7	32.0	33.7	24.7	26.9	29.0	31.6	33.5	23.9	26.3	28.6	31.4	33.5	23.5	26.0	28.4	31.3	33.5	23.1	25.7	28.1	31.2	33.4	34.0
		36.0	22.8	24.5	26.2	28.3	29.6	21.6	23.6	25.4	27.9	29.4	20.8	23.0	25.0	27.7	29.5	20.4	22.7	24.8	27.6	29.5	20.0	22.4	24.6	27.5	29.5	36.0
		38.0	20.0	21.6	23.1	24.9		18.8	20.6	22.3	24.4	25.8	18.1	20.0	21.9	24.2	25.8	17.7	19.8	21.7	24.2	26.0	17.3	19.5	21.5	24.1	26.0	38.0
		40.0	17.6	19.0	20.2	21.7		16.4	18.0	19.5	21.3		15.7	17.4	19.1	21.2	22.4	15.3	17.2	18.9	21.1	22.6	14.9	16.9	18.7	21.1	22.7	40.0
		42.0	15.4	16.6	17.7	18.8		14.3	15.7	17.0	18.5		13.5	15.1	16.6	18.4		13.1	14.8	16.4	18.4	19.6	12.7	14.6	16.2	18.4	19.7	42.0
		44.0	13.5	14.5	15.3			12.3	13.6	14.7	15.9		11.5	13.0	14.3	15.8		11.2	12.7	14.2	15.9		10.8	12.5	14.0	15.9	17.0	44.0
		46.0	11.7	12.5	13.1			10.6	11.6	12.6	13.5		9.8	11.1	12.2	13.5		9.4	10.8	12.1	13.6		9.1	10.6	12.0	13.7		46.0
		48.0	10.1	10.7				9.0	9.9	10.6			8.2	9.3	10.3	11.3		7.8	9.1	10.3	11.5		7.5	8.9	10.1	11.6		48.0
		50.0	8.7					7.6	8.3	8.8			6.7	7.7	8.5			6.4	7.5	8.5	9.6		6.0	7.3	8.4	9.7		50.0
		55.0																										55.0
		60.0																										60.0
		65.0																										65.0
		70.0																										70.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	5	16	16	16	16	16	11	11	11	11	ID	
	°	18~82	30~82	39~82	52~82	68~82	32~82	35~82	37~82	49~82	67~82	39~82	42~82	45~82	51~82	67~82	44~82	47~82	50~82	53~82	66~82	48~82	51~82	54~82	57~82	66~82	°	
		10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

					
4段ESP	2.5m+36mLJ	94 t	9.7m x 9.0m	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
	m	16.0	84.8																									16.0	
		18.0	82.7				73.1					63.7																18.0	
		20.0	71.1				70.8					63.7						54.0						46.2				20.0	
		22.0	61.2	61.6			60.6	63.9				59.5						54.0						46.2				22.0	
		24.0	53.0	55.9			52.3	55.7				51.2	55.0					50.6	54.0					46.2				24.0	
		26.0	46.2	49.5			45.5	49.2				44.5	48.6					43.9	48.2					43.3	46.2			26.0	
		28.0	40.6	43.9	45.6		39.9	43.4	45.9			38.9	42.6					38.3	42.2					37.8	41.7			28.0	
		30.0	35.9	38.8	41.1		35.2	38.4	40.9			34.1	37.6	40.3				33.5	37.2	40.0				32.9	36.7			30.0	
		32.0	31.9	34.5	37.0		31.1	34.1	36.8			29.9	33.2	36.3				29.3	32.8	35.9				28.7	32.4	35.6		32.0	
		34.0	28.3	30.8	33.2	33.2	27.4	30.3	32.9	34.9		26.3	29.4	32.3				25.7	29.0	31.9				25.1	28.5	31.6		34.0	
		36.0	25.1	27.5	29.7	32.1	24.2	26.9	29.4	32.2		23.1	26.0	28.8	31.8			22.6	25.6	28.4	31.6			22.0	25.1	28.1		36.0	
		38.0	22.3	24.5	26.6	29.4	25.4	21.4	23.9	26.3	29.3		20.3	23.0	25.6	28.9		19.8	22.6	25.2	28.7			19.2	22.1	24.9	28.4	38.0	
		40.0	19.8	21.8	23.8	26.4	24.8	19.0	21.2	23.4	26.2	26.2	17.8	20.3	22.7	25.8	27.0	17.3	19.9	22.3	25.6			16.8	19.4	22.0	25.4	40.0	
		42.0	17.6	19.4	21.2	23.7	24.3	16.7	18.8	20.8	23.5	25.4	15.6	17.9	20.0	23.0	25.2	15.1	17.5	19.7	22.8	25.1		14.6	17.0	19.4	22.6	25.0	42.0
		44.0	15.6	17.3	18.9	21.1	22.7	14.7	16.6	18.4	20.8	22.7	13.6	15.7	17.7	20.4	22.4	13.1	15.3	17.4	20.2	22.4		12.6	14.9	17.1	20.0	22.3	44.0
		46.0	13.8	15.3	16.7	18.6	19.9	12.9	14.6	16.3	18.4	19.9	11.8	13.7	15.6	18.0	19.7	11.3	13.3	15.3	17.8	19.7		10.8	12.9	15.0	17.7	19.7	46.0
		48.0	12.2	13.5	14.8	16.4		11.3	12.8	14.3	16.2	17.4	10.2	11.9	13.6	15.8	17.2	9.7	11.6	13.3	15.7	17.3		9.2	11.2	13.0	15.5	17.3	48.0
		50.0	10.7	11.9	13.0	14.3		9.8	11.2	12.5	14.1		8.7	10.3	11.8	13.7	14.9	8.2	9.9	11.5	13.6	15.1		7.7	9.5	11.3	13.5	15.1	50.0
		55.0	7.5	8.2	8.9			6.5	7.5	8.5	9.4		5.5	6.7	7.9	9.2			6.4	7.7	9.2					7.4	9.2		55.0
		60.0																			5.4								60.0
	65.0																											65.0	
	70.0																											70.0	
	75.0																											75.0	
	t	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	%	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	100	100	100	100	100	3	
	ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	30~82	35~82	38~82	54~82	65~82	38~82	42~82	46~82	49~82	65~82	43~82	47~82	51~82	55~82	65~82	52~82	51~82	54~82	51~82	68~82	55~82	59~82	57~82	61~82	70~82	°		
	t	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t			

					
4段ESP	2.5m+45mLJ	94 t	9.7m x 9.0m	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	20.0	59.2				50.0																					20.0	
	22.0	59.2				50.0					45.9						39.5										22.0	
	24.0	54.7				50.0					45.9						39.5						34.1				24.0	
	26.0	48.1	48.4			47.6					45.9						39.5						34.1				26.0	
	28.0	42.5	45.3			41.9	45.1				40.9	44.5					39.5						34.1				28.0	
	30.0	37.7	40.8			37.1	40.6				36.1	39.9					35.5	39.5					34.1	34.1			30.0	
	32.0	33.6	36.6	36.5		33.0	36.4				31.9	35.7					31.2	35.2					30.6	34.1			32.0	
	34.0	30.0	32.9	34.7		29.3	32.6	35.0			28.2	31.8	34.5				27.5	31.4					26.9	30.9			34.0	
	36.0	26.8	29.6	31.7		26.1	29.2	31.6			25.0	28.4	31.1				24.3	27.9	30.8				23.7	27.4	30.8		36.0	
	38.0	24.0	26.6	29.0		23.2	26.2	28.8			22.1	25.3	28.3				21.5	24.8	28.0				20.8	24.3	27.6		38.0	
	40.0	21.4	23.9	26.3	25.6	20.7	23.4	26.1			19.6	22.6	25.5				19.0	22.1	25.1				18.3	21.6	24.7		40.0	
	42.0	19.2	21.5	23.8	24.7	18.4	21.0	23.5	26.2		17.3	20.1	22.8	25.9			16.7	19.6	22.4				16.1	19.1	22.1		42.0	
	44.0	17.2	19.3	21.4	23.9	16.4	18.7	21.1	23.9		15.3	17.9	20.4	23.5			14.7	17.4	20.0	23.4			14.1	16.9	19.6		44.0	
	46.0	15.3	17.3	19.3	22.0	18.8	14.5	16.7	18.9	21.9		13.4	15.8	18.2	21.5		12.8	15.4	17.8	21.3			12.2	14.9	17.5	21.0	46.0	
	48.0	13.6	15.5	17.3	19.9	18.4	12.8	14.9	16.9	19.7	19.6	11.7	14.0	16.2	19.3	20.2	11.2	13.5	15.8	19.0			10.6	13.1	15.5	18.8		48.0
	50.0	12.1	13.8	15.5	17.8	18.0	11.3	13.2	15.0	17.6	19.2	10.2	12.3	14.4	17.2	19.5	9.6	11.9	14.0	17.0	19.4		9.1	11.4	13.6	16.7	19.3	50.0
	55.0	8.8	10.2	11.5	13.3	14.5	8.0	9.5	11.0	13.1	14.6	6.9	8.7	10.3	12.6	14.4	6.4	8.2	10.0	12.5	14.3		5.8	7.8	9.7	12.3	14.3	55.0
	60.0	6.2	7.2	8.1	9.3		5.2	6.5	7.6	9.1			5.6	7.0	8.7			5.2	6.7	8.6	9.9				6.4	8.5	10.0	60.0
65.0				5.0																5.3						5.3		65.0
70.0																												70.0
75.0																												75.0
80.0																												80.0
85.0																												85.0
 °	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID	
 °	37~82	42~82	35~82	52~82	65~82	42~82	47~82	51~82	57~82	68~82	51~82	51~82	55~82	53~82	71~82	54~82	54~82	58~82	57~82	66~82	56~82	61~82	60~82	60~82	60~82	69~82	°	
 t	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
 t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t			

ラフィングジブ

 4段ESP	 2.5m+54mLJ	 94 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	22.0	43.3				38.5																				22.0		
	24.0	43.3				38.5					34.5					30.0										24.0		
	26.0	43.3				38.5					34.5					30.0						26.2				26.0		
	28.0	43.3				38.5					34.5					30.0						26.2				28.0		
	30.0	39.1	39.9			38.1					34.5					30.0						26.2				30.0		
	32.0	34.9	37.5			33.9	37.0				32.9	34.5				30.0						26.2				32.0		
	34.0	31.3	34.0			30.3	33.4				29.2	32.8				28.5	30.0					26.2	26.2			34.0		
	36.0	28.1	31.0			27.0	30.4				25.9	29.8				25.2	29.3					24.5	26.2			36.0		
	38.0	25.3	28.2	28.8		24.1	27.5				23.0	26.7				22.4	26.2					21.7	25.7			38.0		
	40.0	22.7	25.6	27.5		21.6	24.7	27.1			20.5	23.9	26.6			19.8	23.4					19.1	22.9			40.0		
	42.0	20.4	23.1	25.2		19.3	22.2	24.7			18.2	21.4	24.2			17.5	20.9	24.1				16.8	20.4	23.8		42.0		
	44.0	18.4	20.9	23.2		17.2	20.0	22.6			16.1	19.2	22.1			15.5	18.6	21.7				14.8	18.1	21.3		44.0		
	46.0	16.5	18.8	21.2		15.3	17.9	20.5			14.3	17.1	19.9			13.6	16.6	19.5				12.9	16.1	19.1		46.0		
	48.0	14.8	17.0	19.2	19.5	13.6	16.1	18.5			12.6	15.2	17.9			11.9	14.7	17.5				11.3	14.2	17.1		48.0		
	50.0	13.2	15.3	17.4	18.8	12.1	14.4	16.7	19.5		11.0	13.5	16.0	19.1		10.4	13.0	15.6				9.7	12.5	15.2		50.0		
	55.0	9.9	11.6	13.4	15.9	13.9	8.7	10.7	12.6	15.4	14.5	7.7	9.8	12.0	15.0		7.0	9.3	11.6	14.7		6.4	8.8	11.2	14.5		55.0	
	60.0	7.1	8.6	10.0	12.1	13.1	6.0	7.6	9.3	11.6	13.5		6.8	8.6	11.1	13.3		6.3	8.2	10.9	13.1		5.8	7.8	10.6	13.0	60.0	
	65.0		6.0	7.1	8.7		5.0	6.4	8.2	9.6			5.7	7.8	9.4				5.3	7.6	9.3				7.4	9.3	65.0	
	70.0				5.5					5.2												5.9					5.9	70.0
	75.0																											75.0
	80.0																											80.0
	85.0																											85.0
	90.0																											90.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID	
 °	47~82	47~82	52~82	49~82	72~82	50~82	51~82	56~82	55~82	67~82	57~82	58~82	58~82	65~82	69~82	59~82	60~82	61~82	67~82	65~82	61~82	62~82	67~82	67~82	68~82	67~82	°	
 t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
 t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

 4段ESP	 2.5m+18mLJ	 127 t	 9.7m x 8.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	12.0	127.2														12.0
	14.0	108.1	111.8			107.2	111.1				106.8					14.0
	16.0	92.9	96.3	97.7		92.0	95.5	98.8			91.5	95.2				16.0
	18.0	80.7	83.8	86.5		79.7	83.0	85.9			79.2	82.7	85.7			18.0
	20.0	70.6	73.4	76.0	69.9	69.7	72.6	75.4	72.8		69.2	72.3	75.2			20.0
	22.0	60.8	63.3	65.7	67.2	53.8	59.8	62.5	65.0	68.2	56.0	59.2	62.1	64.8	68.1	22.0
	24.0	52.4	54.6	56.6	59.2	52.6	51.4	53.8	56.0	58.8	54.8	50.9	53.4	55.7	58.7	24.0
	26.0	45.6	47.5	49.2	51.3	51.6	44.6	46.7	48.6	51.0	52.6	44.0	46.3	48.3	50.9	26.0
	28.0	39.8	41.5	43.0	44.7	45.7	38.7	40.7	42.4	44.4	45.6	38.1	40.2	42.1	44.3	28.0
	30.0	34.8	36.3	37.6	39.1		33.7	35.4	37.0	38.8	39.7	33.1	35.0	36.7	38.7	30.0
	32.0	30.5	31.7	32.9	34.0		29.4	30.9	32.3	33.8		28.8	30.5	32.0	33.7	32.0
	34.0	26.7	27.8	28.7	29.4		25.7	27.0	28.2	29.3		25.1	26.6	27.9	29.3	34.0
	36.0	23.5	24.3	25.0			22.5	23.6	24.5	25.4		21.8	23.1	24.3	25.4	36.0
	38.0	20.6	21.2	21.6			19.6	20.6	21.3			19.0	20.1	21.1	22.0	38.0
	40.0	18.1	18.4				17.1	17.8	18.4			16.4	17.4	18.2	18.8	40.0
	42.0	15.7					14.8	15.4	15.7			14.2	15.0	15.6		42.0
	44.0						12.8	13.2				12.1	12.8	13.2		44.0
	46.0						11.0					10.3	10.8	11.1		46.0
	48.0											8.6	8.9			48.0
	50.0											7.1				50.0
	55.0															55.0
	60.0															60.0
	65.0															65.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	5	5	5	5	5	ID
 °	11~82	26~82	36~82	49~82	66~82	15~82	27~82	35~82	52~82	65~82	17~82	27~82	34~82	49~82	65~82	°
 t	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	
 t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	



2.5m+27m=30m



127 +

0.7m x 8.0m



Diagram of a trapezoidal cross-section with a circular hole at the top, labeled 't' and 'IPN'.



2.5m+36m=38.5m



127 †

7m x 8.0



A diagram of a microscope with an objective lens and an eyepiece lens. A double-headed arrow below the objective lens indicates the distance between the two lenses.

		m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
		°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
		20.0	59.2					50.0											39.5										20.0	
		22.0	59.2					50.0						45.9					39.5										22.0	
		24.0	57.4					50.0						45.9					39.5					34.1					24.0	
		26.0	53.0	48.4				50.0						45.9					39.5					34.1					26.0	
		28.0	47.3	45.4				46.8	48.2					45.8	45.9				39.5					34.1					28.0	
		30.0	42.2	42.7				41.7	45.1					40.7	44.5				39.5	39.5				34.1	34.1				30.0	
		32.0	37.9	40.3	36.5			37.3	40.7					36.3	40.0				35.7	39.5				34.1	34.1				32.0	
		34.0	34.1	37.0	34.7			33.5	36.6	36.8				32.4	35.9	37.5			31.7	35.4				31.1	34.1				34.0	
		36.0	30.8	33.4	33.1			30.0	33.1	35.1				28.9	32.3	34.9			28.3	31.9	34.7			27.7	31.4	34.1			36.0	
		38.0	27.7	30.3	31.7			27.0	29.9	32.5				25.9	29.1	32.0			25.3	28.6	31.7			24.6	28.1	31.3			38.0	
		40.0	25.0	27.5	29.8	25.6		24.3	27.0	29.5				23.2	26.1	29.0			22.6	25.7	28.6			22.0	25.2	28.3			40.0	
		42.0	22.6	24.9	27.1	24.7		21.8	24.4	26.9	26.2			20.8	23.5	26.2	26.9		20.1	23.0	25.8			19.5	22.5	25.4			42.0	
		44.0	20.4	22.5	24.7	23.9		19.6	22.0	24.3	25.4			18.6	21.1	23.6	26.1		18.0	20.7	23.3	26.5		17.4	20.2	22.9			44.0	
		46.0	18.5	20.4	22.4	23.1	18.8	17.6	19.8	22.0	24.6			16.6	19.0	21.3	24.6		16.0	18.5	21.0	24.4		15.4	18.0	20.6	24.1		46.0	
		48.0	16.7	18.5	20.3	22.4	18.4	15.8	17.9	19.9	22.7	19.6		14.8	17.0	19.2	22.2	20.2	14.2	16.6	18.8	22.0		13.6	16.1	18.5	21.8		48.0	
		50.0	15.0	16.7	18.3	20.7	18.0	14.2	16.1	17.9	20.5	19.2	13.1	15.2	17.2	20.0	19.8	12.6	14.8	16.9	19.8	20.4	12.0	14.3	16.5	19.6	20.9		50.0	
		55.0	11.5	12.8	14.1	15.9	17.1	10.6	12.2	13.7	15.7	17.1	9.6	11.3	13.0	15.2	17.0	9.0	10.9	12.7	15.1	16.9	8.5	10.4	12.3	14.9	16.9		55.0	
		60.0	8.6	9.6	10.5	11.7		7.7	8.9	10.1	11.5		6.6	8.1	9.4	11.1		6.1	7.7	9.1	11.1	12.3	5.6	7.2	8.8	10.9	12.4		60.0	
		65.0	6.1	6.8	7.3			5.2	6.1	6.9					5.3	6.3	7.5				6.1	7.6				5.9	7.5		65.0	
		70.0																											70.0	
		75.0																											75.0	
		80.0																											80.0	
		85.0																											85.0	
		1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	3	
ID		17	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID	
		°	27~82	32~82	35~82	52~82	65~82	35~82	39~82	43~82	57~82	69~82	46~82	45~82	49~82	53~82	71~82	49~82	54~82	52~82	57~82	66~82	52~82	56~82	55~82	60~82	69~82	°		
			6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
			80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

		m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m				
		°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	m	22.0	43.3					38.5																								22.0	
		24.0	43.3					38.5						34.5					30.0													24.0	
		26.0	43.3					38.5						34.5					30.0						26.2							26.0	
		28.0	43.3					38.5						34.5					30.0						26.2							28.0	
		30.0	43.3	39.9				38.5						34.5					30.0						26.2							30.0	
		32.0	39.2	37.5				38.2	38.0					34.5	34.5					30.0					26.2							32.0	
		34.0	35.4	35.4				34.4	35.9					33.4	34.5				30.0	30.0					26.2	26.2						34.0	
		36.0	32.0	33.4				30.9	34.0					29.9	33.6				29.2	30.0					26.2	26.2						36.0	
		38.0	29.0	31.7	28.8			27.9	31.1					26.8	30.4				26.1	29.9					25.4	26.2						38.0	
		40.0	26.2	29.0	27.5			25.1	28.3	28.1				24.1	27.5	28.6			23.4	26.9					22.7	26.2						40.0	
		42.0	23.8	26.5	26.3			22.7	25.6	26.9				21.6	24.8	27.4			20.9	24.3	27.4				20.3	23.8	26.2						42.0
		44.0	21.6	24.1	25.2			20.5	23.2	25.8				19.4	22.4	25.3			18.7	21.9	25.0				18.1	21.4	24.6						44.0
		46.0	19.6	21.9	24.1			18.5	21.0	23.6				17.4	20.2	23.0			16.7	19.7	22.6				16.1	19.2	22.2						46.0
		48.0	17.8	19.9	22.1	19.5		16.6	19.1	21.5				15.6	18.2	20.8			14.9	17.7	20.4				14.3	17.2	20.0						48.0
		50.0	16.1	18.1	20.2	18.8		15.0	17.2	19.5	19.5			13.9	16.4	18.9	20.1		13.3	15.9	18.5				12.6	15.4	18.1						50.0
		55.0	12.5	14.2	16.0	17.4	13.9	11.4	13.3	15.2	18.0	14.5	10.3	12.4	14.6	17.6			9.7	11.9	14.2	17.3			9.1	11.4	13.8	17.1					55.0
		60.0	9.5	11.0	12.4	14.4	13.1	8.4	10.0	11.7	14.0	13.8	7.4	9.2	11.0	13.5	14.3		6.7	8.7	10.6	13.3	14.8		6.1	8.2	10.2	13.0	15.2				60.0
		65.0	7.1	8.2	9.3	10.9		5.9	7.3	8.6	10.4	11.8			6.4	7.9	10.0	11.6		5.9	7.6	9.8	11.5		5.5	7.2	9.6	11.5					65.0
		70.0		5.8	6.6	7.6										5.3	6.9					6.8	8.0					6.6	8.0				70.0
		75.0																															
	80.0																																80.0
	85.0																																85.0
	90.0																																90.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1		
	2	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	100	100	100	100	100	100	100	100	3	
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	11	11	ID			
		°	41~82	39~82	44~82	49~82	72~82	45~82	51~82	49~82	55~82	67~82	53~82	54~82	53~82	59~82	69~82	55~82	56~82	61~82	61~82	65~82	57~82	58~82	63~82	64~82	67~82	67~82	°				
		t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					
		t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t					

						
4線ESP+12.5mFB	2.5m+27mLJ	208 t	9.7m × 9.0m	AJ	360 °	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長 m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
 m	16.0	96.5																									16.0
	18.0	96.3				82.8					71.1																18.0
	20.0	95.5	83.3			82.6					71.1					59.6											20.0
	22.0	89.6	78.3			81.6	79.7				71.1	71.1				59.1						50.7					22.0
	24.0	81.8	73.8	64.5		80.0	75.4				71.1	71.1				58.5	59.8					50.2					24.0
	26.0	74.1	69.9	61.7		73.0	71.5	62.8			69.7	71.0	65.6			57.9	59.1					49.6	50.5				26.0
	28.0	67.3	66.3	59.1		66.2	68.0	60.3			65.5	67.7	63.1			57.3	58.3	59.9				49.0	49.7				28.0
	30.0	61.2	63.1	56.8	47.3	59.8	62.9	58.0	48.1		59.1	62.3	60.8			55.8	56.5	57.5				47.8	48.1	48.7			30.0
	32.0	55.2	57.7	54.7	46.0	37.7	53.8	56.6	55.9	46.9	53.1	56.1	58.6	48.7		52.4	54.1	54.9	49.4			45.9	46.2	46.7			32.0
	34.0	49.9	52.3	52.7	44.8	37.1	48.6	51.2	53.6	45.7	37.8	47.9	50.6	53.2	47.5	39.0	47.2	50.1	52.4	48.2		44.0	44.3	44.7	45.0		34.0
	36.0	45.4	47.5	49.5	43.7	36.5	44.1	46.4	48.6	44.6	37.2	43.3	45.8	48.2	46.4	38.5	42.7	45.3	47.7	47.2	39.0	42.2	42.4	42.7	43.0		36.0
	38.0	41.3	43.3	45.1	42.7	36.0	40.1	42.2	44.2	43.7	36.7	39.3	41.6	43.7	45.4	38.0	38.7	41.1	43.3	46.2	38.5	38.6	40.6	40.9	41.0	39.8	38.0
	40.0	37.8	39.5	41.2	41.8	35.6	36.5	38.4	40.3	42.6	36.3	35.7	37.8	39.8	42.3	37.5	35.1	37.3	39.4	42.0	38.1	35.0	36.8	39.0	39.2	38.7	40.0
	42.0	34.6	36.2	37.6	39.5	35.3	33.3	35.1	36.7	38.8	35.9	32.5	34.5	36.3	38.5	37.2	31.9	34.0	35.9	38.3	37.7	31.8	33.5	35.5	37.5	37.1	42.0
	44.0	31.7	33.1	34.5	36.1		30.4	32.0	33.5	35.4	35.7	29.6	31.4	33.1	35.1	36.4	29.0	30.9	32.7	34.9	36.3	28.9	30.5	32.3	34.6	35.5	44.0
	46.0	29.1	30.4	31.6	32.9		27.8	29.3	30.7	32.3		27.0	28.7	30.2	32.0	33.1	26.4	28.2	29.8	31.8	33.0	26.3	27.7	29.4	31.5	33.0	46.0
48.0	26.7	27.9	28.9	30.1		25.4	26.8	28.0	29.4		24.6	26.2	27.5	29.2		24.1	25.7	27.2	29.0	30.0	23.9	25.2	26.8	28.7	30.0	48.0	
50.0	24.5	25.6	26.5	27.4		23.3	24.5	25.6	26.8		22.5	23.9	25.1	26.5		21.9	23.4	24.8	26.4		21.7	23.0	24.4	26.2	27.2	50.0	
55.0	19.9	20.6	21.2			18.6	19.6	20.4			17.8	18.9	19.8	20.8		17.2	18.5	19.5	20.7		17.0	18.0	19.2	20.6		55.0	
60.0	15.8	16.4				14.8	15.5	16.0			14.0	14.8	15.5			13.4	14.4	15.2	16.0		13.1	14.0	14.9	15.9		60.0	
65.0						10.7	11.9				10.5	11.1	11.5			9.9	10.7	11.3			9.5	10.3	11.1			65.0	
70.0											6.5					6.9	7.5				6.5	7.1	7.7			70.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
 °	24~82	27~82	40~82	52~82	66~82	22~82	24~82	37~82	55~82	66~82	20~82	33~82	35~82	53~82	66~82	29~82	31~82	41~82	50~82	65~82	36~82	37~82	39~82	53~82	65~82	°	
	8	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

						
4線ESP+12.5mFB	2.5m+36mLJ	208 t	9.7m × 9.0m	AJ	360 °	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	18.0	67.5																									18.0
		20.0	67.5				59.5																					20.0
		22.0	67.5				59.5					52.3						45.0										22.0
		24.0	67.5	61.1			59.5					52.3						45.0										24.0
		26.0	64.6	57.7			59.5	58.5				52.3						45.0					38.6					26.0
		28.0	60.3	54.6			59.5	55.5				52.3	52.3					45.0	45.0				38.6					28.0
		30.0	56.6	51.8	46.4		58.3	52.8				52.3	52.3					45.0	45.0				38.6	38.6				30.0
		32.0	53.3	49.3	44.5		54.9	50.3	45.2			52.3	51.3	45.7				44.8	45.0				38.6	38.6				32.0
		34.0	50.3	47.0	42.7		50.9	48.1	43.5			49.7	49.1	44.1				44.5	45.0	45.0			38.2	38.6				34.0
		36.0	47.6	44.9	41.1	34.7	46.3	46.0	41.9			45.0	47.0	42.6				44.1	45.0	45.0			37.6	38.1	38.6			36.0
		38.0	43.5	43.0	39.7	33.7	42.2	44.1	40.5	34.3		41.0	44.0	41.2	34.7			40.7	43.4	43.6			36.3	36.8	37.5			38.0
		40.0	39.8	41.3	38.3	32.8	38.5	41.1	39.1	33.4		37.4	40.2	39.9	33.9			37.1	40.0	42.2	35.6		35.0	35.5	36.1			40.0
		42.0	36.6	38.8	37.0	32.0	35.3	37.7	37.9	32.6	27.0	34.1	36.7	38.6	33.1			33.9	36.6	39.2	34.8		33.7	34.1	34.7	35.2		42.0
		44.0	33.6	35.7	35.9	31.2	32.4	34.6	36.7	31.9	26.6	31.2	33.6	35.9	32.4	27.0	30.9	33.5	35.9	34.0	28.2	30.8	32.8	33.3	33.7			44.0
		46.0	31.0	32.9	34.7	30.5	25.7	29.7	31.8	33.8	31.2	26.2	28.5	30.8	32.9	31.7	26.7	28.3	30.7	32.9	33.3	27.8	28.1	30.1	32.0	32.3	28.8	46.0
		48.0	28.6	30.3	31.9	29.9	25.4	27.3	29.2	31.1	30.5	25.9	26.1	28.2	30.2	31.1	26.3	25.9	28.1	30.2	32.6	27.5	25.7	27.6	29.8	31.0	28.4	48.0
		50.0	26.3	27.9	29.5	29.3	25.2	25.1	26.9	28.6	29.9	25.6	23.9	25.9	27.7	30.2	26.0	23.7	25.8	27.7	30.2	27.1	23.5	25.2	27.3	29.8	28.1	50.0
	55.0	21.6	22.9	24.0	25.5		20.3	21.8	23.2	24.9		19.2	20.8	22.4	24.3	25.5	18.9	20.7	22.3	24.4	25.7	18.7	20.2	21.9	24.1	25.6	55.0	
	60.0	17.7	18.7	19.5	20.4		16.4	17.6	18.7	19.9		15.3	16.7	17.9	19.4		15.0	16.5	17.8	19.4		14.8	16.0	17.4	19.2		60.0	
	65.0	14.4	15.1	15.6			13.2	14.1	14.9			12.0	13.2	14.1	15.1		11.6	13.0	14.1	15.3		11.2	12.4	13.7	15.1		65.0	
	70.0	10.1					10.2	10.9	11.4			9.0	9.9	10.7			8.6	9.7	10.6			8.2	9.2	10.2	11.4		70.0	
	75.0						5.9					6.4	7.0				6.0	6.8	7.4			5.5	6.3	7.2			75.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	21~82	35~82	38~82	50~82	67~82	19~82	33~82	35~82	54~82	69~82	28~82	31~82	42~82	51~82	65~82	34~82	37~82	39~82	55~82	67~82	39~82	42~82	44~82	52~82	69~82	°	
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4		
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

ラフィングジブ

 4段ESP+12.5mFB	 2.5m+45mLJ	 208 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
 m	22.0	48.4				43.3																				22.0	
	24.0	48.4				43.3					38.7															24.0	
	26.0	48.4				43.3					38.7					33.8										26.0	
	28.0	48.4	48.4			43.3					38.7					33.8					29.4					28.0	
	30.0	48.4	46.0			43.3	43.3				38.7					33.8					29.4					30.0	
	32.0	47.5	43.6			43.3	43.3				38.7	38.7				33.8	33.8				29.4					32.0	
	34.0	44.7	41.5			43.3	42.1				38.7	38.7				33.8	33.8				29.4	29.4				34.0	
	36.0	42.2	39.5	35.8		43.3	40.2	36.2			38.7	38.7				33.8	33.8				29.4	29.4				36.0	
	38.0	39.9	37.7	34.4		41.0	38.4	34.9			38.7	38.7	35.3			33.8	33.8				29.4	29.4				38.0	
	40.0	37.8	36.0	33.1		38.9	36.7	33.6			38.7	37.5	34.0			33.8	33.8	33.8			29.4	29.4	29.4			40.0	
	42.0	35.9	34.5	31.8		37.0	35.2	32.4			35.8	36.0	32.9			33.8	33.8	33.3			29.4	29.4	29.4			42.0	
	44.0	34.2	33.1	30.7	26.1		34.0	33.8	31.3	26.5		32.8	34.6	31.8		32.0	33.8	32.3			29.1	29.4	29.4			44.0	
	46.0	32.5	31.7	29.7	25.4		31.3	32.5	30.3	25.8		30.1	32.9	30.8	26.2		29.4	32.3	31.3			28.1	28.7	29.4		46.0	
	48.0	30.1	30.5	28.7	24.7		28.8	31.3	29.3	25.2		27.7	30.3	29.9	25.6		26.9	29.7	30.4	25.9		26.8	27.7	28.4	26.8	48.0	
	50.0	27.8	29.4	27.8	24.1	19.8	26.6	28.9	28.4	24.6	20.2	25.5	27.9	29.0	25.0		24.7	27.3	29.5	25.3		24.5	26.7	27.4	26.2	50.0	
	55.0	23.0	24.7	25.7	22.7	19.0	21.8	23.7	25.6	23.2	19.4	20.6	22.7	24.8	23.7	19.8	19.9	22.1	24.3	24.1	20.1	19.7	21.5	23.8	24.9	20.8	55.0
	60.0	19.0	20.4	21.8	21.6	18.5	17.8	19.4	21.0	22.1	18.9	16.7	18.5	20.2	22.5	19.2	16.0	17.9	19.7	22.1	19.5	15.7	17.3	19.2	21.8	20.2	60.0
	65.0	15.7	16.8	17.9	19.2		14.5	15.8	17.1	18.7		13.4	14.9	16.3	18.1		12.6	14.3	15.9	17.9	19.1	12.3	13.8	15.4	17.6	19.1	65.0
	70.0	12.8	13.7	14.5			11.6	12.7	13.7	14.9		10.3	11.8	13.0	14.4		9.5	11.1	12.6	14.2		9.2	10.5	12.1	13.9		70.0
	75.0	10.2	10.9	11.4			8.9	9.8	10.7			7.7	8.8	9.9	10.9		6.9	8.2	9.4	10.8		6.5	7.7	9.0	10.6		75.0
	80.0	5.5					6.6	7.2				5.4	6.3	7.0				5.7	6.6				5.1	6.2	7.4		80.0
	85.0																										85.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	ID	
 °	17~82	33~82	36~82	56~82	66~82	27~82	31~82	42~82	53~82	68~82	33~82	37~82	37~82	40~82	50~82	70~82	43~82	42~82	44~82	53~82	66~82	47~82	45~82	48~82	51~82	68~82	°
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

 4段ESP+12.5mFB	 2.5m+54mLJ	 208 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
 m	24.0	36.2																								24.0	
	26.0	36.2				32.7																				26.0	
	28.0	36.2				32.7					29.6					26.2										28.0	
	30.0	36.2				32.7					29.6					26.2										30.0	
	32.0	36.2				32.7					29.6					26.2					22.0					32.0	
	34.0	36.2	36.2			32.7	32.7				29.6					26.2					21.0					34.0	
	36.0	36.2	34.5			32.7	32.7				29.6	29.6				26.2					19.8					36.0	
	38.0	35.0	32.8			32.7	32.7				29.6	29.6				26.2	26.2				19.2	19.2				38.0	
	40.0	33.2	31.3			32.7	31.8				29.6	29.6				26.2	26.2				18.5	18.5				40.0	
	42.0	31.4	29.9	27.4		32.2	30.4	27.7			29.6	29.6				25.0	26.2				18.1	18.1				42.0	
	44.0	29.9	28.6	26.3		30.6	29.1	26.7			29.6	29.6	27.0			24.1	26.2	26.2			17.9	17.8				44.0	
	46.0	28.4	27.4	25.4		29.2	28.0	25.8			29.6	28.5	26.1			23.5	26.2	26.2			17.7	17.3	17.7			46.0	
	48.0	27.1	26.3	24.5		27.9	26.9	24.9			28.5	27.4	25.2			23.1	25.0	25.6			17.4	17.0	17.4			48.0	
	50.0	25.9	25.3	23.6	20.0		26.6	25.8	24.0			26.2	26.4	24.4		23.0	24.1	24.8			17.3	16.5	16.8			50.0	
	55.0	23.2	23.0	21.7	18.7		22.5	23.5	22.2	19.0		21.4	23.9	22.6	19.3	20.6	22.5	23.0	19.6		17.3	16.0	16.0			55.0	
	60.0	19.7	21.0	20.1	17.5	14.3	18.5	20.5	20.6	17.9	14.6	17.4	19.6	21.0	18.2	14.9	16.6	18.9	21.2	18.5		16.4	15.5	15.5	16.0	60.0	
	65.0	16.3	17.9	18.7	16.6	13.7	15.2	16.9	18.6	16.9	14.1	14.0	15.9	17.8	17.3	14.3	13.3	15.3	17.3	17.6	14.6	13.0	14.7	14.7	15.5	15.1	65.0
	70.0	13.5	14.8	16.1	15.7		12.3	13.8	15.2	16.1	13.7	11.1	12.9	14.4	16.5	13.9	10.2	12.2	13.9	16.3	14.1	9.9	11.6	13.5	14.7	14.7	70.0
75.0	11.0	12.1	13.1	14.4		9.6	11.1	12.3	13.8		8.4	10.0	11.5	13.3		7.6	9.3	11.0	13.0	13.8	7.2	8.7	10.4	12.7	14.2	75.0	
80.0	8.6	9.5	10.4			7.3	8.5	9.5	10.7		6.1	7.4	8.7	10.2		5.3	6.8	8.2	9.9		6.1	7.7	9.6			80.0	
85.0	6.6	7.2				5.3	6.2	6.9					5.2	6.1				5.7	7.0				5.2	6.7		85.0	
90.0																										90.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
 °	27~82	31~82	43~82	54~82	71~82	33~82	37~82	40~82	51~82	67~82	42~82	41~82	45~82	55~82	69~82	45~82	50~82	48~82	52~82	65~82	52~82	52~82	51~82	55~82	67~82	°	
 t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t			

						
4段ESP+12.5mFB	2.5m+63mLJ	208 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	28.0	25.0				24.7																					28.0
		30.0	25.0				24.7					22.4																30.0
		32.0	25.0				24.7					22.4						16.0										32.0
		34.0	25.0				24.7					22.4						16.0					14.2					34.0
		36.0	25.0				24.7					22.4						16.0					14.2					36.0
		38.0	25.0	25.0			24.7	24.7				22.4						16.0					14.2					38.0
		40.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0					14.2					40.0
		42.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2				42.0
		44.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2				44.0
		46.0	25.0	25.0	25.0		24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2				46.0
		48.0	25.0	25.0	24.0		24.7	24.7	24.3			22.4	22.4					16.0	16.0				14.2	14.2				48.0
		50.0	25.0	25.0	23.1		24.7	24.7	23.4			22.4	22.4	22.4				16.0	16.0	16.0			14.2	14.2				50.0
		55.0	23.0	22.5	21.0		23.6	23.0	21.4			22.4	22.4	21.7				16.0	16.0	16.0			14.2	14.2	14.2			55.0
		60.0	20.6	20.4	19.3	16.3	20.3	20.9	19.6	16.6		19.2	21.4	20.0	16.9			16.0	16.0	16.0			14.2	14.2	14.2			60.0
		65.0	18.0	18.7	17.8	15.3	12.1	16.9	18.9	18.2	15.6	15.8	18.0	18.5	15.9			15.0	16.0	16.0	16.0		14.2	14.2	14.2	14.2		65.0
		70.0	15.1	16.7	16.4	14.3	11.5	14.0	15.8	16.9	14.7	11.8	12.9	14.9	16.8	15.0	12.0	12.1	14.3	16.0	15.2	12.2	11.9	13.7	14.2	14.2		70.0
		75.0	12.6	14.0	15.3	13.5	11.1	11.5	13.0	14.6	13.9	11.3	10.4	12.2	13.9	14.2	11.6	9.6	11.5	13.3	14.5	11.8	9.2	11.0	12.9	14.2	12.3	75.0
	80.0	10.4	11.6	12.7	12.9		9.2	10.6	12.0	13.2	11.0	8.0	9.7	11.2	13.2	11.2	7.2	9.1	10.7	12.9	11.4	6.8	8.4	10.3	12.6	11.9	80.0	
	85.0	8.3	9.4	10.4	11.5		7.1	8.4	9.6	11.0		5.9	7.4	8.8	10.5		5.1	6.7	8.3	10.2			6.1	7.8	10.0	11.3	85.0	
	90.0	6.5	7.3	8.1			5.2	6.3	7.3				5.3	6.5	7.9				6.0	7.6				5.5	7.4		90.0	
	95.0		5.3						5.1											5.1							95.0	
	100.0																										100.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	32~82	29~82	41~82	53~82	69~82	36~82	41~82	39~82	56~82	65~82	44~82	45~82	49~82	53~82	68~82	47~82	52~82	52~82	51~82	69~82	54~82	54~82	54~82	59~82	66~82	°	
	m	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

						
4段ESP+12.5mFB	2.5m+72mLJ	208 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°		
	m	30.0	20.5																									30.0	
		32.0	20.5				18.8					17.1																32.0	
		34.0	20.5				18.8					17.1						12.3										34.0	
		36.0	20.5				18.8					17.1						12.3										36.0	
		38.0	20.5				18.8					17.1						12.3					11.0					38.0	
		40.0	20.5				18.8					17.1						12.3						11.0				40.0	
		42.0	20.5	20.2			18.8					17.1						12.3					11.0					42.0	
		44.0	20.5	19.6			18.8	18.8				17.1	17.1					12.3					11.0					44.0	
		46.0	20.5	19.1			18.8	18.8				17.1	17.1					12.3	12.3				11.0					46.0	
		48.0	20.3	18.6			18.8	18.8				17.1	17.1					12.3	12.3				11.0	11.0				48.0	
		50.0	19.7	18.1			18.8	18.3				17.1	17.1					12.3	12.3				11.0	11.0				50.0	
		55.0	18.4	17.0	15.8		18.8	17.3	15.9			17.1	17.1	16.0				12.3	12.3					11.0	11.0			55.0	
		60.0	17.2	16.0	15.0		17.7	16.3	15.1			17.1	16.6	15.3				12.3	12.3	12.3				11.0	11.0	11.0		60.0	
		65.0	16.2	15.2	14.3	13.0		16.6	15.4	14.4			16.4	15.7	14.6				12.3	12.3	12.3				11.0	11.0	11.0		65.0
		70.0	15.1	14.4	13.6	12.1		14.5	14.7	13.8	12.4		13.5	15.0	14.0	12.6			12.3	12.3	12.3	12.3			11.0	11.0	11.0	11.0	70.0
		75.0	13.1	13.7	13.1	11.3	8.7	12.0	13.9	13.3	11.6	9.0	11.0	13.0	13.4	11.8			10.2	12.3	12.3	12.0			9.9	11.0	11.0	11.0	75.0
		80.0	10.9	12.4	12.3	10.6	8.3	9.8	11.5	12.6	10.9	8.5	8.7	10.6	12.4	11.1	8.7	7.8	10.0	11.9	11.3	8.9	7.5	9.3	11.0	11.0	9.3	80.0	
		85.0	9.0	10.3	11.4	10.0	7.9	7.7	9.3	10.8	10.3	8.2	6.6	8.4	10.0	10.5	8.4	5.7	7.7	9.6	10.8	8.5	5.3	7.0	9.0	11.0	9.0	85.0	
	90.0	7.1	8.3	9.4	9.5		5.9	7.3	8.7	9.7		4.7	6.3	7.8	9.8	8.1	3.9	5.6	7.3	9.5	8.3	3.5	5.0	6.8	9.2	8.7	90.0		
	95.0	5.4	6.4	7.4	8.5		4.2	5.4	6.5	8.0		3.1	4.4	5.8	7.5			3.8	5.2	7.2				4.7	6.8	8.3	95.0		
	100.0	3.9	4.7	5.3			3.7	4.6						3.8	5.1				3.3	4.9						4.6	100.0		
	105.0		3.0																									105.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID	
	°	30~82	26~82	39~82	51~82	68~82	39~82	40~82	44~82	55~82	70~82	42~82	48~82	48~82	52~82	66~82	49~82	50~82	50~82	55~82	68~82	52~82	55~82	56~82	58~82	65~82	°		
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t			

ラフィングジブ

 4段ESP+12.5mFB	 2.5m+81mLJ	 208 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	34.0	15.0				13.8																				34.0	
	36.0	15.0				13.8					12.6															36.0	
	38.0	15.0				13.8					12.6					9.1										38.0	
	40.0	15.0				13.8					12.6					9.1										40.0	
	42.0	15.0				13.8					12.6					9.1						8.1				42.0	
	44.0	15.0				13.8					12.6					9.1						8.1				44.0	
	46.0	15.0	15.0			13.8					12.6					9.1						8.1				46.0	
	48.0	15.0	15.0			13.8	13.8				12.6	12.6				9.1						8.1				48.0	
	50.0	15.0	15.0			13.8	13.8				12.6	12.6				9.1	9.1					8.1				50.0	
	55.0	15.0	15.0			13.8	13.8				12.6	12.6				9.1	9.1					8.1	8.1			55.0	
	60.0	15.0	15.0	14.9		13.8	13.8	13.8			12.6	12.6	12.6			9.1	9.1					8.1	8.1			60.0	
	65.0	14.8	14.6	13.5		13.8	13.8	13.7			12.6	12.6	12.6			9.1	9.1	9.1				8.1	8.1	8.1		65.0	
	70.0	13.3	13.2	12.3		13.6	13.5	12.5			12.6	12.6	12.6			9.1	9.1	9.1				8.1	8.1	8.1		70.0	
	75.0	11.9	12.0	11.2	9.3	12.1	12.3	11.5	9.5		11.1	12.5	11.7	9.6		9.1	9.1	9.1				8.1	8.1	8.1		75.0	
	80.0	10.7	10.9	10.3	8.5	10.0	11.2	10.6	8.8		8.8	11.0	10.8	9.0		7.9	9.1	9.1	9.1			7.6	8.1	8.1	8.1	80.0	
	85.0	9.1	9.9	9.5	7.9	5.8	7.9	9.7	9.7	8.2	6.0	6.7	8.8	10.0	8.4	6.2	5.9	8.1	9.1	8.6		5.5	7.4	8.1	8.1	85.0	
	90.0	7.2	8.7	8.7	7.4	5.4	6.0	7.7	9.0	7.6	5.7	4.8	6.7	8.6	7.8	5.8	4.0	6.0	8.0	8.0	6.0		5.3	7.4	8.1	6.4	90.0
	95.0	5.5	6.8	8.1	6.9	5.2	4.3	5.8	7.3	7.1	5.4	3.2	4.9	6.5	7.4	5.6		4.2	6.0	7.6	5.7			5.4	7.9	6.1	95.0
	100.0	4.0	5.1	6.2	6.5			4.1	5.4	6.7			3.2	4.6	6.6	5.4			4.1	6.2	5.5				5.9	5.8	100.0
	105.0		3.6	4.5					3.7	5.0					4.5					4.2					3.8		105.0
	110.0																										110.0
	115.0																										115.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	ID	
 °	39~82	40~82	45~82	56~82	67~82	46~82	48~82	48~82	54~82	69~82	48~82	50~82	55~82	57~82	65~82	53~82	55~82	57~82	59~82	67~82	58~82	60~82	62~82	62~82	61~82	69~82	°
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

 4段ESP+12.5mFB	 2.5m+90mLJ	 208 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	36.0	8.5																									36.0	
	38.0	8.5				7.9					7.2																38.0	
	40.0	8.5				7.9					7.2					6.5											40.0	
	42.0	8.5				7.9					7.2					6.5											42.0	
	44.0	8.5				7.9					7.2					6.5						5.7					44.0	
	46.0	8.5				7.9					7.2					6.5						5.7					46.0	
	48.0	8.5				7.9					7.2					6.5						5.7					48.0	
	50.0	8.5	8.5			7.9					7.2					6.5						5.7					50.0	
	55.0	8.5	8.3			7.9	7.9				7.2	7.2				6.5	6.5					5.7	5.7				55.0	
	60.0	8.5	7.6			7.9	7.7				7.2	7.2				6.5	6.5					5.7	5.7				60.0	
	65.0	7.8	7.0	6.3		7.9	7.1	6.4			7.2	7.2	6.4			6.5	6.5					5.7	5.7				65.0	
	70.0	7.1	6.4	5.8		7.4	6.6	5.9			7.2	6.7	6.0			6.5	6.5	6.1				5.7	5.7	5.7			70.0	
	75.0	6.6	6.0	5.4		6.8	6.1	5.5			7.0	6.2	5.6			6.5	6.4	5.7				5.6	5.7	5.7			75.0	
	80.0	6.0	5.5	5.0	4.5	6.3	5.7	5.1	4.5		6.5	5.8	5.2			6.5	6.0	5.3				5.4	5.7	5.5			80.0	
	85.0	5.6	5.1	4.7	4.2	5.8	5.3	4.8	4.3		6.0	5.4	4.9	4.3		6.1	5.6	5.0	4.3			5.2	5.7	5.2	4.4		85.0	
	90.0	5.2	4.8	4.4	4.0		5.4	4.9	4.5	4.1		5.1	5.1	4.6	4.1		4.3	5.2	4.7	4.1			5.4	4.9	4.2		90.0	
	95.0	4.8	4.5	4.2	3.8	3.5	4.6	4.6	4.3	3.9	3.6	3.5	4.8	4.4	3.9	3.6		4.7	4.5	4.0	3.6			4.6	4.1		95.0	
	100.0	4.3	4.2	4.0	3.7	3.2	3.1	4.3	4.1	3.7	3.4		3.7	4.1	3.8	3.5			4.2	3.8	3.5			4.3	3.9	3.6	100.0	
	105.0		4.0	3.8	3.5	3.0		3.1	3.9	3.6	3.2			3.7	3.7	3.4						3.7	3.4		3.8	3.4	105.0	
	110.0			3.6	3.4						3.4					3.5						3.6	3.3				3.4	110.0
	115.0																											115.0
	120.0																											120.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID	
 °	45~82	48~82	49~82	55~82	65~82	47~82	50~82	56~82	58~82	68~82	52~82	55~82	57~82	60~82	69~82	56~82	60~82	62~82	62~82	66~82	61~82	63~82	63~82	67~82	68~82	°		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t			

						
4段ESP+12.5mFB	2.5m+27mLJ	195 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	16.0	96.5																									16.0
		18.0	96.3				82.8					71.1																18.0
		20.0	95.5	83.3			82.6					71.1					59.6											20.0
		22.0	89.3	78.3			81.6	79.7				71.1	71.1				59.1						50.7					22.0
		24.0	80.1	73.8	64.5		79.0	75.4				71.1	71.1				58.5	59.8					50.2					24.0
		26.0	72.1	69.9	61.7		70.8	71.5	62.8			69.7	71.0	65.6			57.9	59.1					49.6	50.5				26.0
		28.0	64.2	66.3	59.1		62.9	66.3	60.3			62.1	65.7	63.1			57.3	58.3	59.9				49.0	49.7				28.0
		30.0	57.5	60.4	56.8	47.3	56.2	59.3	58.0	48.1		55.5	58.7	60.8			54.8	56.5	57.5				47.8	48.1	48.7			30.0
		32.0	51.8	54.4	54.7	46.0	37.7	50.5	53.3	55.9	46.9		49.7	52.7	55.5	48.7		49.0	52.1	54.9	49.4		45.9	46.2	46.7			32.0
		34.0	46.8	49.1	51.4	44.8	37.1	45.5	48.0	50.4	45.7	37.8	44.7	47.5	50.0	47.5	39.0	44.1	46.9	49.6	48.2		44.0	44.3	44.7	45.0		34.0
		36.0	42.4	44.6	46.6	43.7	36.5	41.1	43.5	45.7	44.6	37.2	40.4	42.9	45.2	46.4	38.5	39.7	42.3	44.8	47.2	39.0	39.7	41.8	42.7	43.0		36.0
		38.0	38.6	40.5	42.3	42.7	36.0	37.3	39.4	41.4	43.7	36.7	36.5	38.8	41.0	43.8	38.0	35.9	38.3	40.5	43.5	38.5	35.8	37.8	40.1	41.0	39.8	38.0
		40.0	35.1	36.9	38.6	40.6	35.6	33.9	35.8	37.6	40.0	36.3	33.1	35.2	37.2	39.7	37.5	32.5	34.7	36.8	39.4	38.1	32.4	34.2	36.4	39.2	38.7	40.0
		42.0	32.1	33.7	35.2	37.0	35.3	30.8	32.6	34.2	36.3	35.9	30.0	32.0	33.8	36.0	37.2	29.4	31.5	33.4	35.8	37.5	29.3	31.0	33.0	35.5	37.1	42.0
		44.0	29.3	30.8	32.1	33.7		28.0	29.7	31.2	33.0	34.1	27.3	29.1	30.7	32.7	34.1	26.7	28.6	30.3	32.5	34.0	26.5	28.1	29.9	32.3	33.9	44.0
		46.0	26.8	28.1	29.3	30.7		25.6	27.0	28.4	30.0		24.8	26.4	27.9	29.7	30.8	24.2	25.9	27.5	29.5	30.8	24.0	25.5	27.2	29.3	30.7	46.0
		48.0	24.5	25.7	26.8	27.9		23.3	24.6	25.9	27.3		22.5	24.0	25.4	27.0		21.9	23.5	25.0	26.8	27.9	21.7	23.1	24.6	26.6	27.8	48.0
		50.0	22.5	23.5	24.4	25.4		21.2	22.5	23.5	24.8		20.4	21.8	23.0	24.5		19.8	21.3	22.7	24.3		19.6	20.9	22.3	24.1	25.1	50.0
		55.0	18.0	18.7	19.3			16.8	17.7	18.5			15.9	17.0	18.0	19.0		15.4	16.6	17.7	18.8		15.1	16.2	17.4	18.7		55.0
		60.0	14.4	14.7				13.1	13.8	14.3			12.1	13.1	13.8			11.5	12.6	13.5	14.3		11.2	12.2	13.2	14.2		60.0
		65.0						9.8	10.1				8.8	9.4	9.8			8.2	9.0	9.6			7.8	8.6	9.4			65.0
		70.0											5.9					5.3	5.9				5.0	5.5	6.1			70.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11
	°	24~82	27~82	40~82	51~82	66~82	22~82	24~82	37~82	55~82	66~82	20~82	33~82	35~82	52~82	65~82	29~82	31~82	41~82	50~82	65~82	36~82	37~82	39~82	53~82	65~82	°	
	t	8	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

						
4段ESP+12.5mFB	2.5m+36mLJ	195 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	18.0	67.5																								18.0	
		20.0	67.5				59.5																				20.0	
		22.0	67.5				59.5					52.3						45.0									22.0	
		24.0	67.5	61.1			59.5					52.3						45.0									24.0	
		26.0	64.6	57.7			59.5	58.5				52.3						45.0					38.6				26.0	
		28.0	60.3	54.6			59.5	55.5				52.3	52.3					45.0	45.0				38.6				28.0	
		30.0	56.6	51.8	46.4		58.3	52.8				52.3	52.3					45.0	45.0				38.6	38.6			30.0	
		32.0	53.3	49.3	44.5		52.8	50.3	45.2			51.6	51.3	45.7				44.8	45.0				38.6	38.6			32.0	
		34.0	49.0	47.0	42.7		47.7	48.1	43.5			46.5	49.1	44.1				44.5	45.0	45.0			38.2	38.6			34.0	
		36.0	44.6	44.9	41.1	34.7	43.3	46.0	41.9			42.1	45.4	42.6				41.9	45.0	45.0			37.6	38.1	38.6		36.0	
		38.0	40.7	43.0	39.7	33.7		39.4	42.2	40.5	34.3		38.2	41.2	41.2	34.7		38.0	41.1	43.6			36.3	36.8	37.5		38.0	
		40.0	37.2	39.6	38.3	32.8	27.0	35.9	38.5	39.1	33.4		34.7	37.5	39.9	33.9		34.5	37.4	40.2	35.6		34.4	35.5	36.1		40.0	
		42.0	34.1	36.3	37.0	32.0	26.5	32.8	35.2	37.5	32.6	27.0	31.6	34.2	36.7	33.1		31.4	34.1	36.7	34.8		31.3	33.5	34.7	35.2	42.0	
		44.0	31.3	33.3	35.3	31.2	26.1	30.0	32.2	34.4	31.9	26.6	28.8	31.2	33.6	32.4	27.0	28.6	31.1	33.5	34.0	28.2	28.5	30.6	33.1	33.7	44.0	
		46.0	28.7	30.6	32.4	30.5	25.7	27.5	29.5	31.5	31.2	26.2	26.3	28.5	30.7	31.7	26.7	26.0	28.4	30.7	33.3	27.8	25.9	27.9	30.2	32.3	28.8	46.0
		48.0	26.4	28.1	29.8	29.9	25.4	25.1	27.1	28.9	30.5	25.9	24.0	26.1	28.1	30.7	26.3	23.7	25.9	28.0	30.8	27.5	23.6	25.4	27.6	30.5	28.4	48.0
		50.0	24.3	25.9	27.4	29.3	25.2	23.0	24.8	26.5	28.7	25.6	21.9	23.8	25.7	28.1	26.0	21.6	23.7	25.6	28.2	27.1	21.4	23.2	25.2	27.9	28.1	50.0
		55.0	19.7	21.0	22.2	23.6		18.5	20.0	21.3	23.0		17.3	19.0	20.5	22.4	23.6	17.1	18.8	20.4	22.5	23.9	16.8	18.3	20.0	22.2	23.8	55.0
	60.0	16.0	17.0	17.8	18.7		14.8	15.9	17.0	18.2		13.6	15.0	16.2	17.7		13.3	14.8	16.1	17.8		13.0	14.3	15.8	17.5		60.0	
	65.0	12.9	13.5	14.1			11.5	12.5	13.3			10.3	11.5	12.6	13.6		9.9	11.2	12.5	13.7		9.5	10.7	12.1	13.5		65.0	
	70.0	10.0					8.6	9.3	9.8			7.4	8.3	9.1			7.0	8.1	9.0			6.6	7.6	8.7	9.8		70.0	
	75.0						5.9						5.6					5.3	6.0				5.7				75.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	21~82	35~82	38~82	50~82	67~82	19~82	33~82	35~82	54~82	69~82	36~82	31~82	42~82	51~82	65~82	40~82	37~82	39~82	55~82	67~82	44~82	47~82	44~82	52~82	69~82	°	
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4		
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

ラフィングジブ

 4段ESP+12.5mFB	 2.5m+45mLJ	 195 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m				
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m				
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°				
 m	22.0	48.4				43.3																				22.0				
	24.0	48.4				43.3					38.7																24.0			
	26.0	48.4				43.3					38.7					33.8											26.0			
	28.0	48.4	48.4			43.3					38.7					33.8					29.4						28.0			
	30.0	48.4	46.0			43.3	43.3				38.7					33.8					29.4						30.0			
	32.0	47.5	43.6			43.3	43.3				38.7	38.7				33.8	33.8				29.4						32.0			
	34.0	44.7	41.5			43.3	42.1				38.7	38.7				33.8	33.8				29.4	29.4					34.0			
	36.0	42.2	39.5	35.8		43.3	40.2	36.2			38.7	38.7				33.8	33.8				29.4	29.4					36.0			
	38.0	39.9	37.7	34.4		41.0	38.4	34.9			38.7	38.7	35.3			33.8	33.8				29.4	29.4					38.0			
	40.0	37.8	36.0	33.1		37.6	36.7	33.6			36.4	37.5	34.0			33.8	33.8	33.8			29.4	29.4	29.4				40.0			
	42.0	35.7	34.5	31.8		34.5	35.2	32.4			33.3	36.0	32.9			32.5	33.8	33.3			29.4	29.4	29.4				42.0			
	44.0	32.8	33.1	30.7	26.1	31.6	33.8	31.3	26.5		30.5	33.4	31.8			29.7	32.8	32.3			29.1	29.4	29.4				44.0			
	46.0	30.3	31.7	29.7	25.4	29.0	31.6	30.3	25.8		27.9	30.7	30.8	26.2		27.1	30.0	31.3			27.0	28.7	29.4				46.0			
	48.0	27.9	30.1	28.7	24.7	26.7	29.1	29.3	25.2		25.5	28.2	29.9	25.6		24.8	27.5	30.2	25.9		24.6	26.9	28.4	26.8			48.0			
	50.0	25.8	27.8	27.8	24.1	19.8	24.5	26.8	28.4	24.6	20.2	23.4	25.9	28.2	25.0		22.6	25.2	27.7	25.3		22.5	24.6	27.2	26.2		50.0			
	55.0	21.1	22.8	24.5	22.7	19.0	19.9	21.8	23.7	23.2	19.4	18.8	20.9	22.9	23.7	19.8	18.0	20.3	22.4	24.1	20.1	17.8	19.7	21.9	24.9	20.8	55.0			
	60.0	17.3	18.7	20.1	21.6	18.5	16.1	17.7	19.3	21.3	18.9	15.0	16.8	18.5	20.8	19.2	14.3	16.2	18.0	20.4	19.5	14.0	15.6	17.5	20.1	20.2	60.0			
	65.0	14.1	15.3	16.4	17.7		12.9	14.3	15.5	17.1		11.7	13.3	14.8	16.6		10.9	12.8	14.3	16.3	17.7	10.5	12.1	13.9	16.0	17.5	65.0			
	70.0	11.3	12.3	13.1			10.0	11.2	12.3	13.4		8.7	10.2	11.5	13.0		8.0	9.5	11.0	12.7		7.6	8.9	10.5	12.5		70.0			
	75.0	8.7	9.4	10.0			7.4	8.4	9.2			6.2	7.4	8.4	9.5		5.4	6.8	8.0	9.3		5.0	6.2	7.5	9.1		75.0			
	80.0	5.5					5.2	5.8						5.6					5.3						6.0		80.0			
	85.0																										85.0			
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1				
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2				
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3				
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID				
 °	17~82					33~82	36~82	56~82	66~82	27~82	31~82	42~82	53~82	68~82	39~82	43~82	40~82	50~82	70~82	43~82	47~82	44~82	53~82	66~82	47~82	50~82	53~82	51~82	68~82	°
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t					

 4段ESP+12.5mFB	 2.5m+54mLJ	 195 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
 m	24.0	36.2																								24.0	
	26.0	36.2				32.7																				26.0	
	28.0	36.2				32.7					29.6					26.2										28.0	
	30.0	36.2				32.7					29.6					26.2										30.0	
	32.0	36.2				32.7					29.6					26.2					22.0					32.0	
	34.0	36.2	36.2			32.7	32.7				29.6					26.2					21.0					34.0	
	36.0	36.2	34.5			32.7	32.7				29.6	29.6				26.2					19.8					36.0	
	38.0	35.0	32.8			32.7	32.7				29.6	29.6				26.2	26.2				19.2	19.2				38.0	
	40.0	33.2	31.3			32.7	31.8				29.6	29.6				26.2	26.2				18.5	18.5				40.0	
	42.0	31.4	29.9	27.4		32.2	30.4	27.7			29.6	29.6				25.0	26.2				18.1	18.1				42.0	
	44.0	29.9	28.6	26.3		30.6	29.1	26.7			29.6	29.6	27.0			24.1	26.2	26.2			17.9	17.8				44.0	
	46.0	28.4	27.4	25.4		29.2	28.0	25.8			28.7	28.5	26.1			23.5	26.2	26.2			17.7	17.3	17.7			46.0	
	48.0	27.1	26.3	24.5		27.5	26.9	24.9			26.3	27.4	25.2			23.1	25.0	25.6			17.4	17.0	17.4			48.0	
	50.0	25.9	25.3	23.6	20.0	25.3	25.8	24.0			24.2	26.4	24.4			23.0	24.1	24.8			17.3	16.5	16.8			50.0	
	55.0	21.8	23.0	21.7	18.7	20.7	23.0	22.2	19.0		19.5	22.0	22.6	19.3		18.7	21.4	23.0	19.6		17.3	16.0	16.0			55.0	
	60.0	18.0	19.8	20.1	17.5	14.3	16.8	18.8	20.6	17.9	14.6	15.7	17.9	20.0	18.2	14.9	14.9	17.2	19.5	18.5		14.7	15.5	15.5	16.0		60.0
	65.0	14.8	16.3	17.9	16.6	13.7	13.6	15.3	17.0	16.9	14.1	12.5	14.4	16.2	17.3	14.3	11.6	13.8	15.7	17.6	14.6	11.3	13.2	14.7	15.5	15.1	65.0
	70.0	12.0	13.3	14.6	15.7		10.7	12.4	13.8	15.7	13.7	9.5	11.4	13.0	15.2	13.9	8.6	10.7	12.5	14.8	14.1	8.3	10.0	12.0	14.5	14.7	70.0
	75.0	9.5	10.7	11.8	13.0		8.2	9.6	10.9	12.5		6.9	8.5	10.0	11.9		6.1	7.8	9.5	11.6	12.9	5.7	7.2	9.0	11.3	12.8	75.0
	80.0	7.2	8.2	9.0			5.9	7.1	8.1	9.4			6.0	7.3	8.8			5.4	6.8	8.5				6.3	8.2		80.0
	85.0	5.3	5.9						5.6											5.7					5.5		85.0
	90.0																										90.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
 °	27~82	31~82	43~82	54~82	71~82	39~82	43~82	40~82	51~82	67~82	47~82	47~82	51~82	55~82	69~82	49~82	50~82	53~82	52~82	65~82	52~82	56~82	56~82	55~82	67~82	°	
 t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
 t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°		
 m		28.0	25.0				24.7																					28.0	
		30.0	25.0				24.7					22.4																	30.0
		32.0	25.0				24.7					22.4						16.0											32.0
		34.0	25.0				24.7					22.4						16.0					14.2						34.0
		36.0	25.0				24.7					22.4						16.0					14.2						36.0
		38.0	25.0	25.0			24.7	24.7				22.4						16.0					14.2						38.0
		40.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0					14.2						40.0
		42.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2					42.0
		44.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2					44.0
		46.0	25.0	25.0	25.0		24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2					46.0
		48.0	25.0	25.0	24.1		24.7	24.7	24.3			22.4	22.4					16.0	16.0				14.2	14.2					48.0
		50.0	25.0	25.0	23.1		24.7	24.7	23.4			22.4	22.4	22.4				16.0	16.0	16.0			14.2	14.2					50.0
		55.0	23.0	22.5	21.0		22.5	23.0	21.4			21.4	22.4	21.7				16.0	16.0	16.0			14.2	14.2	14.2				55.0
		60.0	19.7	20.4	19.3	16.3		18.6	20.9	19.6	16.6		17.5	20.0	20.0	16.9		16.0	16.0	16.0			14.2	14.2	14.2				60.0
		65.0	16.4	18.3	17.8	15.3	12.1	15.3	17.4	18.2	15.6		14.2	16.5	18.5	15.9		13.5	15.8	16.0	16.0		13.3	14.2	14.2	14.2			65.0
		70.0	13.6	15.3	16.4	14.3	11.5	12.5	14.3	16.1	14.7	11.8	11.5	13.4	15.4	15.0	12.0	10.7	12.8	14.9	15.2	12.2	10.4	12.2	14.2	14.2			70.0
		75.0	11.2	12.6	14.0	13.5	11.1	10.1	11.7	13.2	13.9	11.3	8.9	10.8	12.5	14.2	11.6	8.1	10.2	12.0	14.5	11.8	7.7	9.5	11.6	14.2	12.3		75.0
		80.0	9.1	10.3	11.5	12.9		7.8	9.4	10.7	12.5	11.0	6.6	8.4	10.0	12.0	11.2	5.8	7.7	9.5	11.6	11.4	5.4	7.0	9.0	11.3	11.9		80.0
		85.0	7.1	8.1	9.2	10.3		5.8	7.1	8.3	9.8			6.1	7.5	9.3			5.5	7.0	9.0				6.5	8.7	10.2		85.0
	90.0	5.3	6.1	6.8				5.1	6.1						5.3	6.7					6.4				6.2			90.0	
	95.0																											95.0	
	100.0																											100.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID		
 °		32~82	37~82	41~82	53~82	69~82	41~82	41~82	46~82	56~82	65~82	46~82	49~82	49~82	53~82	68~82	51~82	52~82	56~82	56~82	69~82	54~82	57~82	58~82	59~82	66~82	°		
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t			



A diagram of a hanging scale. It consists of a rectangular frame with a small circle at the top center, representing a hook or pivot point. Inside the frame, the letter 't' is written.

		24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さm		36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	30.0	20.5																									30.0
		32.0	20.5				18.8					17.1																32.0
		34.0	20.5				18.8					17.1					12.3											34.0
		36.0	20.5				18.8					17.1					12.3											36.0
		38.0	20.5				18.8					17.1					12.3						11.0					38.0
		40.0	20.5				18.8					17.1					12.3											40.0
		42.0	20.5	20.2			18.8					17.1					12.3						11.0					42.0
		44.0	20.5	19.6			18.8	18.8				17.1	17.1				12.3						11.0					44.0
		46.0	20.5	19.1			18.8	18.8				17.1	17.1				12.3	12.3					11.0					46.0
		48.0	20.3	18.6			18.8	18.8				17.1	17.1				12.3	12.3					11.0	11.0				48.0
		50.0	19.7	18.1			18.8	18.3				17.1	17.1				12.3	12.3					11.0	11.0				50.0
		55.0	18.4	17.0	15.8		18.8	17.3	15.9			17.1	17.1	16.0			12.3	12.3					11.0	11.0				55.0
		60.0	17.2	16.0	15.0		17.7	16.3	15.1			17.1	16.6	15.3			12.3	12.3	12.3				11.0	11.0	11.0			60.0
		65.0	16.2	15.2	14.3	13.0		15.9	15.4	14.4		14.8	15.7	14.6			12.3	12.3	12.3				11.0	11.0	11.0			65.0
		70.0	14.2	14.4	13.6	12.1		13.1	14.7	13.8	12.4		12.0	14.3	14.0	12.6		11.3	12.3	12.3	12.3		11.0	11.0	11.0	11.0		70.0
		75.0	11.8	13.4	13.1	11.3	8.7	10.7	12.5	13.3	11.6	9.0	9.6	11.7	13.4	11.8		8.7	11.0	12.3	12.0			8.4	10.4	11.0	11.0	75.0
		80.0	9.7	11.1	12.3	10.6	8.3	8.5	10.2	11.8	10.9	8.5	7.3	9.3	11.1	11.1	8.7	6.4	8.6	10.6	11.3	8.9	6.1	7.9	10.1	11.0	9.3	80.0
	85.0	7.7	9.1	10.3	10.0	7.9	6.4	8.1	9.6	10.3	8.2	5.3	7.1	8.8	10.5	8.4	4.4	6.4	8.3	10.7	8.5	4.1	5.7	7.7	10.4	9.0	85.0	
	90.0	5.9	7.1	8.3	9.5		4.7	6.1	7.4	9.2		3.5	5.1	6.6	8.7	8.1		4.4	6.1	8.4	8.3			5.5	8.0	8.7	90.0	
	95.0	4.3	5.3	6.2	7.4		3.1	4.2	5.4	6.8			3.3	4.6	6.3				4.1	6.0				3.6	5.7	7.2	95.0	
	100.0		3.6	4.3					3.5							4.1				3.8					3.5		100.0	
	105.0																										105.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	36~82	35~82	39~82	51~82	68~82	39~82	45~82	44~82	55~82	70~82	46~82	48~82	52~82	52~82	66~82	52~82	54~82	55~82	55~82	68~82	55~82	59~82	57~82	57~82	58~82	65~82	°
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

ラフィングジブ

 4段ESP+12.5mFB	 2.5m+81mLJ	 195 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さm		36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	34.0	15.0				13.8																				34.0	
		36.0	15.0				13.8					12.6															36.0	
		38.0	15.0				13.8					12.6					9.1										38.0	
		40.0	15.0				13.8					12.6					9.1										40.0	
		42.0	15.0				13.8					12.6					9.1					8.1					42.0	
		44.0	15.0				13.8					12.6					9.1					8.1					44.0	
		46.0	15.0	15.0			13.8					12.6					9.1					8.1					46.0	
		48.0	15.0	15.0			13.8	13.8				12.6	12.6				9.1					8.1					48.0	
		50.0	15.0	15.0			13.8	13.8				12.6	12.6				9.1	9.1				8.1					50.0	
		55.0	15.0	15.0			13.8	13.8				12.6	12.6				9.1	9.1				8.1	8.1				55.0	
		60.0	15.0	15.0	14.9		13.8	13.8	13.8			12.6	12.6	12.6			9.1	9.1				8.1	8.1				60.0	
		65.0	14.8	14.6	13.5		13.8	13.8	13.7			12.6	12.6	12.6			9.1	9.1	9.1			8.1	8.1	8.1			65.0	
		70.0	13.3	13.2	12.3		13.2	13.5	12.5			12.2	12.6	12.6			9.1	9.1	9.1			8.1	8.1	8.1			70.0	
		75.0	11.9	12.0	11.2	9.3		10.8	12.3	11.5	9.5		9.7	12.1	11.7	9.6		8.9	9.1	9.1			8.1	8.1	8.1		75.0	
		80.0	9.8	10.9	10.3	8.5		8.6	10.6	10.6	8.8		7.4	9.7	10.8	9.0		6.6	9.0	9.1	9.1		6.2	8.1	8.1	8.1	80.0	
		85.0	7.8	9.4	9.5	7.9	5.8	6.6	8.5	9.7	8.2	6.0	5.4	7.5	9.5	8.4	6.2	4.6	6.8	9.0	8.6			6.1	8.1	8.1	85.0	
		90.0	6.0	7.5	8.7	7.4	5.4	4.8	6.5	8.2	7.6	5.7	3.6	5.5	7.4	7.8	5.8		4.8	6.8	8.0	6.0			6.2	8.1	6.4	90.0
		95.0	4.4	5.7	7.0	6.9	5.2	3.2	4.7	6.2	7.1	5.4		3.7	5.4	7.4	5.6			4.8	7.3	5.7			4.2	6.9	6.1	95.0
		100.0		4.0	5.2	6.5			3.0	4.3	6.1				3.5	5.5	5.4					5.2	5.5			4.8	5.8	100.0
		105.0			3.4						4.0					3.5						3.2						105.0
		110.0																										110.0
		115.0																										115.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	43~82	45~82	45~82	56~82	67~82	46~82	48~82	53~82	54~82	69~82	51~82	54~82	55~82	56~82	65~82	56~82	58~82	60~82	59~82	67~82	61~82	63~82	62~82	65~82	69~82	°	
	t	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

 4段ESP+12.5mFB	 2.5m+90mLJ	 195 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m		
合計ブーム長さ m		36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m		
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°		
	m	36.0	8.5																								36.0		
		38.0	8.5				7.9					7.2															38.0		
		40.0	8.5				7.9					7.2					6.5										40.0		
		42.0	8.5				7.9					7.2					6.5										42.0		
		44.0	8.5				7.9					7.2					6.5					5.7					44.0		
		46.0	8.5				7.9					7.2					6.5					5.7					46.0		
		48.0	8.5				7.9					7.2					6.5					5.7					48.0		
		50.0	8.5	8.5			7.9					7.2					6.5					5.7					50.0		
		55.0	8.5	8.3			7.9	7.9				7.2	7.2				6.5	6.5				5.7	5.7				55.0		
		60.0	8.5	7.6			7.9	7.7				7.2	7.2				6.5	6.5				5.7	5.7				60.0		
		65.0	7.8	7.0	6.3		7.9	7.1	6.4			7.2	7.2	6.4			6.5	6.5				5.7	5.7				65.0		
		70.0	7.1	6.4	5.8		7.4	6.6	5.9			7.2	6.7	6.0			6.5	6.5	6.1			5.7	5.7	5.7			70.0		
		75.0	6.6	6.0	5.4		6.8	6.1	5.5			7.0	6.2	5.6			6.5	6.4	5.7			5.6	5.7	5.7			75.0		
		80.0	6.0	5.5	5.0	4.5		6.3	5.7	5.1	4.5		6.5	5.8	5.2		6.5	6.0	5.3			5.4	5.7	5.5			80.0		
		85.0	5.6	5.1	4.7	4.2		5.8	5.3	4.8	4.3		5.7	5.4	4.9	4.3		4.8	5.6	5.0	4.3			5.7	5.2	4.4	85.0		
		90.0	5.2	4.8	4.4	4.0		5.1	4.9	4.5	4.1		3.9	5.1	4.6	4.1			5.2	4.7	4.1				4.9	4.2	90.0		
		95.0	4.6	4.5	4.2	3.8	3.5		4.6	4.3	3.9	3.6		4.2	4.4	3.9	3.6			4.5	4.0	3.6			4.6	4.1	95.0		
		100.0	3.2	4.2	4.0	3.7	3.2		3.6	4.1	3.7	3.4			4.1	3.8	3.5					3.8	3.5			3.9	3.6	100.0	
		105.0		3.1	3.8	3.5	3.0			3.5	3.6	3.2				3.7	3.4					3.7	3.4				3.4	105.0	
		110.0				3.4										3.0							3.3					3.4	110.0
		115.0																										115.0	
		120.0																										120.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1		
		2	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2		
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3		
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	ID		
	°	45~82	48~82	53~82	55~82	65~82	50~82	54~82	56~82	58~82	68~82	55~82	58~82	61~82	60~82	69~82	59~82	62~82	65~82	66~82	66~82	64~82	66~82	66~82	70~82	68~82	°		
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t			

						
4段ESP+12.5mFB	2.5m+27mLJ	164 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	16.0	96.5																									16.0
		18.0	96.3										71.1															18.0
		20.0	93.8	83.3									71.1					59.6										20.0
		22.0	80.9	78.3				79.5	79.7				71.1	71.1				59.1					50.7					22.0
		24.0	70.6	73.8	64.5			69.2	73.4				68.5	71.1				58.5	59.8				50.2					24.0
		26.0	62.1	65.7	61.7			60.8	64.5	62.8			60.0	64.0	65.6			57.9	59.1				49.6	50.5				26.0
		28.0	55.1	58.2	59.1			53.7	57.1	60.3			53.0	56.6	60.0			52.3	56.0	59.5			49.0	49.7				28.0
		30.0	49.1	51.9	54.6	47.3		47.8	50.8	53.7	48.1		47.0	50.3	53.4			46.3	49.7	52.9			46.4	48.1	48.7			30.0
		32.0	43.9	46.5	49.0	46.0	37.7	42.6	45.4	48.1	46.9		41.9	44.8	47.6	48.7		41.2	44.3	47.2	49.4		41.2	43.8	46.7			32.0
		34.0	39.5	41.8	44.0	44.8	37.1	38.2	40.7	43.1	45.7	37.8	37.4	40.1	42.7	46.1	39.0	36.7	39.6	42.2	45.8		36.7	39.1	41.8	45.0		34.0
		36.0	35.5	37.7	39.7	42.3	36.5	34.3	36.6	38.8	41.7	37.2	33.5	36.0	38.3	41.4	38.5	32.9	35.5	37.9	41.1	39.0	32.8	35.0	37.5	40.8		36.0
		38.0	32.1	34.0	35.8	38.2	36.0	30.8	32.9	34.9	37.5	36.7	30.0	32.3	34.5	37.3	38.0	29.4	31.8	34.1	37.0	38.5	29.3	31.3	33.7	36.7	39.0	38.0
		40.0	29.0	30.8	32.4	34.5	35.6	27.7	29.7	31.5	33.8	35.4	27.0	29.1	31.0	33.6	35.4	26.4	28.6	30.6	33.3	35.2	26.2	28.1	30.2	33.0	35.1	40.0
		42.0	26.3	27.9	29.3	31.2	32.3	25.0	26.8	28.4	30.5	31.9	24.2	26.2	28.0	30.2	31.8	23.6	25.7	27.6	30.0	31.7	23.5	25.2	27.2	29.7	31.5	42.0
		44.0	23.8	25.2	26.6	28.2		22.5	24.2	25.7	27.5	28.6	21.8	23.5	25.2	27.2	28.5	21.1	23.0	24.8	27.0	28.5	21.0	22.6	24.4	26.7	28.3	44.0
		46.0	21.5	22.9	24.0	25.4		20.3	21.8	23.1	24.8		19.5	21.2	22.7	24.5	25.6	18.9	20.7	22.3	24.3	25.5	18.7	20.2	21.9	24.0	25.4	46.0
		48.0	19.5	20.7	21.7	22.9		18.3	19.6	20.8	22.3		17.5	19.0	20.4	22.0		16.9	18.5	20.0	21.8	22.8	16.7	18.1	19.6	21.6	22.8	48.0
		50.0	17.7	18.7	19.6	20.5		16.4	17.7	18.7	20.0		15.6	17.0	18.2	19.7		15.0	16.5	17.9	19.5		14.8	16.1	17.5	19.3	20.3	50.0
		55.0	13.7	14.4	15.0			12.3	13.4	14.2			11.3	12.6	13.7	14.6		10.7	12.1	13.3	14.5		10.4	11.6	12.9	14.4		55.0
	60.0	10.1	10.5				8.7	9.5	10.0			7.7	8.7	9.4			7.1	8.2	9.1	10.0		6.8	7.8	8.8	9.9		60.0	
	65.0						5.8	6.1						5.4	5.8				5.0	5.6					5.3			65.0
	70.0																											70.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	11	ID
	°	24~82	27~82	40~82	51~82	66~82	22~82	24~82	37~82	56~82	66~82	38~82	33~82	35~82	52~82	65~82	43~82	39~82	41~82	50~82	65~82	47~82	49~82	45~82	53~82	65~82	°	
	t	8	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

						
4段ESP+12.5mFB	2.5m+36mLJ	164 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ m		36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°		
	m	18.0	67.5																								18.0		
		20.0	67.5					59.5																				20.0	
		22.0	67.5					59.5					52.3					45.0										22.0	
		24.0	67.5	61.1				59.5					52.3					45.0										24.0	
		26.0	64.6	57.7				59.5	58.5				52.3					45.0						38.6				26.0	
		28.0	57.6	54.6				56.2	55.5				52.3	52.3				45.0	45.0					38.6				28.0	
		30.0	51.5	51.8	46.4			50.2	52.8				48.9	52.3				45.0	45.0					38.6	38.6			30.0	
		32.0	46.2	49.3	44.5			44.9	48.5	45.2			43.7	47.5	45.7			43.5	45.0					38.6	38.6			32.0	
		34.0	41.7	44.8	42.7			40.4	43.7	43.5			39.2	42.7	44.1			38.9	42.6	45.0				38.2	38.6			34.0	
		36.0	37.7	40.5	41.1	34.7		36.4	39.5	41.9			35.2	38.5	41.6			35.0	38.4	41.6				35.0	37.8	38.6		36.0	
		38.0	34.2	36.8	39.3	33.7		32.9	35.7	38.4	34.3		31.7	34.7	37.6	34.7		31.5	34.6	37.6				31.4	34.0	37.2		38.0	
		40.0	31.1	33.5	35.8	32.8	27.0	29.8	32.4	34.9	33.4		28.6	31.4	34.1	33.9		28.4	31.3	34.1	35.6			28.3	30.7	33.6		40.0	
		42.0	28.3	30.5	32.6	32.0	26.5	27.0	29.4	31.7	32.6	27.0	25.8	28.4	30.9	33.1		25.6	28.3	30.9	34.4			25.5	27.7	30.4	34.1	42.0	
		44.0	25.7	27.8	29.7	31.2	26.1	24.5	26.7	28.9	31.8	26.6	23.3	25.7	28.0	31.2	27.0	23.1	25.6	28.0	31.2	28.2		22.9	25.0	27.6	30.9	44.0	
		46.0	23.5	25.3	27.1	29.5	25.7	22.2	24.3	26.3	28.9	26.2	21.0	23.3	25.4	28.3	26.7	20.8	23.1	25.4	28.4	27.8		20.6	22.6	25.0	28.1	28.8	46.0
		48.0	21.4	23.1	24.8	26.9	25.4	20.1	22.1	23.9	26.3	25.9	19.0	21.1	23.1	25.7	26.3	18.7	20.9	23.0	25.8	27.5		18.5	20.4	22.6	25.5	27.7	48.0
		50.0	19.5	21.1	22.6	24.5	25.2	18.2	20.0	21.7	23.9	25.5	17.1	19.0	20.9	23.3	25.1	16.8	18.9	20.8	23.4	25.3		16.6	18.4	20.4	23.1	25.1	50.0
	55.0	15.4	16.7	17.9	19.3		14.1	15.6	17.0	18.7		13.0	14.6	16.2	18.1	19.3	12.6	14.5	16.1	18.2	19.5		12.3	14.0	15.7	17.9	19.4	55.0	
	60.0	11.9	13.0	13.9	14.8		10.6	11.9	13.0	14.3		9.3	10.8	12.2	13.7		8.9	10.6	12.1	13.8			8.6	10.0	11.7	13.6		60.0	
	65.0	8.9	9.6	10.2			7.5	8.5	9.4			6.3	7.5	8.6	9.7		5.9	7.2	8.4	9.8			5.5	6.7	8.1	9.6		65.0	
	70.0	6.2						5.6	6.1					5.4					5.3							6.1		70.0	
	75.0																											75.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID	
	°	21~82 35~82 38~82 50~82 67~82 38~82 33~82 35~82 54~82 69~82 42~82 45~82 42~82 51~82 65~82 45~82 49~82 46~82 55~82 67~82 49~82 52~82 54~82 52~82 69~82																									°		
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4			
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t			

ラフィングジブ

 4段ESP+12.5mFB	 2.5m+45mLJ	 164 t	 9.7m × 9.0m	 AJ	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
 m	22.0	48.4				43.3																				22.0	
	24.0	48.4				43.3					38.7															24.0	
	26.0	48.4				43.3					38.7					33.8										26.0	
	28.0	48.4	48.4			43.3					38.7					33.8					29.4					28.0	
	30.0	48.4	46.0			43.3	43.3				38.7					33.8					29.4					30.0	
	32.0	47.5	43.6			43.3	43.3				38.7	38.7				33.8	33.8				29.4					32.0	
	34.0	43.5	41.5			42.3	42.1				38.7	38.7				33.8	33.8				29.4	29.4				34.0	
	36.0	39.5	39.5	35.8		38.2	40.2	36.2			37.0	38.7				33.8	33.8				29.4	29.4				36.0	
	38.0	35.9	37.7	34.4		34.7	38.1	34.9			33.5	37.1	35.3			32.7	33.8				29.4	29.4				38.0	
	40.0	32.7	35.7	33.1		31.5	34.7	33.6			30.3	33.7	34.0			29.5	33.1	33.8			29.4	29.4	29.4			40.0	
	42.0	29.9	32.6	31.8		28.7	31.6	32.4			27.5	30.7	32.9			26.7	30.0	33.2			26.6	29.4	29.4			42.0	
	44.0	27.3	29.9	30.7	26.1	26.1	28.9	31.3	26.5		24.9	27.9	30.8			24.1	27.3	30.3			24.1	26.6	29.4			44.0	
	46.0	25.0	27.4	29.7	25.4	23.8	26.4	28.9	25.8		22.6	25.4	28.1	26.2		21.8	24.8	27.6			21.7	24.2	27.1			46.0	
	48.0	22.9	25.1	27.3	24.7	21.7	24.1	26.4	25.2		20.5	23.1	25.7	25.6		19.7	22.5	25.2	25.9		19.6	21.9	24.7	26.8		48.0	
	50.0	21.0	23.0	25.0	24.1	19.8	19.7	22.0	24.2	24.6	20.2	18.6	21.1	23.4	25.0		17.8	20.4	22.9	25.3		17.7	19.8	22.4	26.0	50.0	
	55.0	16.8	18.5	20.2	22.5	19.0	15.6	17.5	19.4	21.9	19.4	14.4	16.5	18.6	21.3	19.8	13.7	15.9	18.1	21.0	20.1	13.4	15.4	17.6	20.6	20.8	55.0
	60.0	13.3	14.8	16.2	18.0	18.5	12.1	13.8	15.3	17.4	18.8	10.8	12.8	14.5	16.8	18.5	10.0	12.2	14.1	16.5	18.3	9.7	11.5	13.6	16.2	18.1	60.0
	65.0	10.3	11.6	12.7	14.1		8.9	10.5	11.9	13.5		7.7	9.4	11.0	13.0		6.9	8.7	10.5	12.7	14.0	6.5	8.1	10.0	12.4	13.9	65.0
	70.0	7.6	8.6	9.5			6.3	7.5	8.6	9.9		5.0	6.5	7.8	9.4			5.8	7.3	9.1			5.2	6.8	8.8		70.0
	75.0	5.3	6.0	6.5					5.7					5.0	6.0					5.9					5.6		75.0
	80.0																										80.0
	85.0																										85.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	29~82	33~82	36~82	56~82	66~82	41~82	45~82	42~82	53~82	68~82	45~82	49~82	47~82	49~82	70~82	52~82	51~82	55~82	53~82	66~82	55~82	54~82	57~82	56~82	68~82	°	
 AJ	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
 t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

 4段ESP+12.5mFB	 2.5m+54mLJ	 164 t	 9.7m × 9.0m	 AJ	 360°	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さm		36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	24.0	36.2																								24.0	
		26.0	36.2				32.7																				26.0	
		28.0	36.2				32.7					29.6						26.2									28.0	
		30.0	36.2				32.7					29.6						26.2									30.0	
		32.0	36.2				32.7					29.6						26.2					22.0				32.0	
		34.0	36.2	36.2			32.7	32.7				29.6						26.2					21.0				34.0	
		36.0	36.2	34.5			32.7	32.7				29.6	29.6					26.2					19.8				36.0	
		38.0	35.0	32.8			32.7	32.7				29.6	29.6					26.2	26.2				19.2	19.2			38.0	
		40.0	33.2	31.3			32.4	31.8				29.6	29.6					26.2	26.2				18.5	18.5			40.0	
		42.0	30.7	29.9	27.4		29.5	30.4	27.7			28.4	29.6					25.0	26.2				18.1	18.1			42.0	
		44.0	28.2	28.6	26.3		27.0	29.1	26.7			25.8	29.2	27.0				24.1	26.2	26.2			17.9	17.8			44.0	
		46.0	25.8	27.4	25.4		24.6	27.6	25.8			23.4	26.7	26.1				22.6	26.0	26.2			17.7	17.3	17.7		46.0	
		48.0	23.7	26.3	24.5		22.5	25.3	24.9			21.3	24.4	25.2				20.5	23.7	25.6			17.4	17.0	17.4		48.0	
		50.0	21.7	24.2	23.6	20.0	20.5	23.2	24.0			19.4	22.3	24.4				18.6	21.6	24.6			17.3	16.5	16.8		50.0	
		55.0	17.5	19.6	21.7	18.7	16.3	18.7	20.9	19.0		15.2	17.7	20.2	19.3			14.4	17.0	19.6	19.6		14.2	16.0	16.0		55.0	
		60.0	14.0	15.9	17.7	17.5	14.3	12.9	14.9	16.9	17.9	14.6	11.6	13.9	16.1	18.2	14.9	10.7	13.3	15.6	18.5		10.4	12.7	15.0	16.0	60.0	
		65.0	11.0	12.7	14.2	16.3	13.7	9.7	11.7	13.4	15.7	14.1	8.4	10.6	12.6	15.2	14.3	7.6	9.9	12.1	14.8	14.6	7.3	9.2	11.6	14.5	15.1	65.0
		70.0	8.3	9.8	11.2	12.9		7.0	8.7	10.3	12.4	13.7	5.8	7.6	9.4	11.8	13.4		6.9	8.9	11.5	13.2		6.3	8.3	11.1	13.0	70.0
		75.0	6.0	7.2	8.4	9.8			6.1	7.5	9.2			5.1	6.6	8.6				6.1	8.2	9.7			5.5	7.9	9.5	75.0
		80.0				5.8					6.1											5.3					5.0	80.0
		85.0																										85.0
		90.0																										90.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	40~82	45~82	43~82	54~82	71~82	48~82	49~82	53~82	51~82	67~82	51~82	51~82	55~82	55~82	69~82	57~82	58~82	58~82	58~82	65~82	59~82	59~82	60~82	60~82	67~82	°	
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
		80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

						
4段ESP+12.5mFB	2.5m+63mLJ	164 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	28.0	25.0				24.7																					28.0
		30.0	25.0				24.7					22.4																30.0
		32.0	25.0				24.7					22.4					16.0											32.0
		34.0	25.0				24.7					22.4					16.0						14.2					34.0
		36.0	25.0				24.7					22.4					16.0						14.2					36.0
		38.0	25.0	25.0			24.7	24.7				22.4					16.0						14.2					38.0
		40.0	25.0	25.0			24.7	24.7				22.4	22.4				16.0						14.2					40.0
		42.0	25.0	25.0			24.7	24.7				22.4	22.4				16.0	16.0					14.2	14.2				42.0
		44.0	25.0	25.0			24.7	24.7				22.4	22.4				16.0	16.0					14.2	14.2				44.0
		46.0	25.0	25.0	25.0		24.7	24.7				22.4	22.4				16.0	16.0					14.2	14.2				46.0
		48.0	25.0	25.0	24.0		24.4	24.7	24.3			22.4	22.4				16.0	16.0					14.2	14.2				48.0
		50.0	23.5	25.0	23.1		22.4	24.7	23.4			21.3	22.4	22.4			16.0	16.0	16.0				14.2	14.2				50.0
		55.0	19.3	21.7	21.0		18.1	20.8	21.4			17.1	19.9	21.7			16.0	16.0	16.0				14.2	14.2	14.2			55.0
		60.0	15.7	17.9	19.3	16.3		14.6	17.0	19.3	16.6		13.5	16.1	18.6	16.9		12.8	15.4	16.0			12.6	14.2	14.2			60.0
		65.0	12.8	14.7	16.5	15.3	12.1	11.7	13.7	15.8	15.6		10.6	12.9	15.1	15.9		9.7	12.2	14.5	16.0		9.4	11.6	14.1	14.2		65.0
		70.0	10.3	11.9	13.5	14.3	11.5	9.0	11.0	12.7	14.7	11.8	7.8	10.1	12.0	14.8	12.0	7.0	9.3	11.5	14.4	12.2	6.7	8.7	11.1	14.1		70.0
		75.0	7.9	9.5	10.9	12.8	11.1	6.7	8.4	10.1	12.3	11.3	5.5	7.4	9.4	11.7	11.6		6.7	8.8	11.4	11.8		6.1	8.3	11.1	12.3	75.0
		80.0	5.9	7.2	8.5	10.1			6.1	7.6	9.6	10.8		5.1	6.8	9.0	10.5			6.2	8.7	10.4			5.7	8.3	10.2	80.0
		85.0		5.1	6.2	7.4				5.3	6.9					6.3				6.0						5.7	7.2	85.0
		90.0																										90.0
		95.0																										95.0
		100.0																										100.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	43~82	43~82	48~82	53~82	69~82	50~82	51~82	51~82	56~82	65~82	52~82	54~82	58~82	59~82	68~82	57~82	59~82	60~82	61~82	69~82	60~82	61~82	62~82	63~82	66~82	°	
	t	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

						
4段ESP+12.5mFB	2.5m+72mLJ	164 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	30.0	20.5																									30.0
		32.0	20.5				18.8					17.1																32.0
		34.0	20.5				18.8					17.1					12.3											34.0
		36.0	20.5				18.8					17.1					12.3											36.0
		38.0	20.5				18.8					17.1					12.3						11.0					38.0
		40.0	20.5				18.8					17.1					12.3						11.0					40.0
		42.0	20.5	20.2			18.8					17.1					12.3						11.0					42.0
		44.0	20.5	19.6			18.8	18.8				17.1	17.1				12.3						11.0					44.0
		46.0	20.5	19.1			18.8	18.8				17.1	17.1				12.3	12.3					11.0					46.0
		48.0	20.3	18.6			18.8	18.8				17.1	17.1				12.3	12.3					11.0	11.0				48.0
		50.0	19.7	18.1			18.8	18.3				17.1	17.1				12.3	12.3					11.0	11.0				50.0
		55.0	18.4	17.0	15.8		18.8	17.3	15.9			17.1	17.1	16.0			12.3	12.3					11.0	11.0				55.0
		60.0	16.3	16.0	15.0		15.2	16.3	15.1			14.1	16.6	15.3			12.3	12.3	12.3				11.0	11.0	11.0			60.0
		65.0	13.3	15.2	14.3	13.0	12.3	14.6	14.4			11.2	13.7	14.6			10.3	12.3	12.3				10.1	11.0	11.0			65.0
		70.0	10.8	12.7	13.6	12.1	9.7	11.8	13.8	12.4		8.5	10.9	13.2	12.6		7.6	10.3	12.3	12.3			7.3	9.6	11.0	11.0		70.0
		75.0	8.5	10.3	12.0	11.3	8.7	7.3	9.4	11.3	11.6	9.0	6.1	8.4	10.5	11.8		5.3	7.7	10.0	12.0			7.0	9.5	11.0		75.0
		80.0	6.5	8.1	9.7	10.6	8.3	5.2	7.1	8.9	10.9	8.5	4.1	6.1	8.1	10.7	8.7		5.4	7.5	10.4	8.9			7.0	10.1	9.3	80.0
		85.0	4.6	6.1	7.5	9.4	7.9	3.4	5.0	6.6	8.8	8.2		4.1	5.8	8.3	8.4			5.3	7.9	8.5			4.7	7.5	9.0	85.0
		90.0	3.0	4.2	5.4	7.0			3.2	4.6	6.4				3.8	5.9	7.4				5.5	7.2				5.2	7.1	90.0
		95.0			3.5	4.7					4.2						3.6										4.5	95.0
		100.0																										100.0
		105.0																										105.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	41~82	47~82	46~82	51~82	68~82	48~82	49~82	54~82	55~82	70~82	53~82	55~82	56~82	58~82	66~82	58~82	60~82	62~82	64~82	68~82	63~82	65~82	63~82	66~82	65~82	°	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

ラフイングジブ

						
4段ESP+12.5mFB	2.5m+81mLJ	164 t	9.7m x 9.0m	AJ	360°	JPN

[illegible]

						
4線ESP+12.5mFB	2.5m+27mLJ	127 t	9.7m × 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計	ブーム長	m	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	16.0	96.5																								16.0	
		18.0	91.8				82.8					71.1																18.0
		20.0	77.7	81.9			76.2					71.1						59.6										20.0
		22.0	66.6	71.0			65.2	69.9				64.4	69.4					59.1					50.7					22.0
		24.0	57.7	61.6	64.5		56.3	60.5				55.5	60.0					54.8	59.3				50.2					24.0
		26.0	50.4	53.9	57.2			49.0	52.8	56.3			48.3	52.2	56.0			47.5	51.6				47.7	50.5				26.0
		28.0	44.3	47.4	50.4			42.9	46.3	49.5			42.2	45.8	49.2			41.5	45.2	48.7			41.6	44.6				28.0
		30.0	39.1	41.9	44.6	47.3		37.8	40.8	43.7	47.7		37.0	40.3	43.4			36.3	39.7	42.9			36.4	39.2	42.5			30.0
		32.0	34.6	37.2	39.7	43.0	37.7	33.3	36.1	38.8	42.3		32.6	35.5	38.4	42.1		31.9	35.0	37.9	41.8		31.9	34.5	37.5			32.0
		34.0	30.8	33.1	35.3	38.3	37.1	29.5	32.0	34.4	37.6	37.8	28.7	31.4	34.0	37.4	39.0	28.1	30.9	33.6	37.1		28.1	30.4	33.1	36.8		34.0
		36.0	27.4	29.5	31.5	34.2	36.2	26.1	28.4	30.6	33.5	35.7	25.4	27.9	30.2	33.3	35.6	24.7	27.3	29.8	33.0	35.4	24.7	26.8	29.3	32.7		36.0
		38.0	24.4	26.4	28.2	30.5	32.2	23.1	25.3	27.3	29.9	31.7	22.4	24.7	26.8	29.6	31.7	21.7	24.2	26.4	29.3	31.5	21.7	23.7	26.0	29.0	31.3	38.0
		40.0	21.8	23.5	25.2	27.3	28.7	20.5	22.5	24.3	26.6	28.2	19.7	21.8	23.8	26.3	28.1	19.1	21.3	23.4	26.1	28.0	19.0	20.8	23.0	25.8	27.8	40.0
		42.0	19.4	21.0	22.5	24.3	25.4	18.1	19.9	21.6	23.7	25.0	17.4	19.3	21.1	23.4	24.9	16.7	18.8	20.7	23.1	24.8	16.6	18.3	20.3	22.9	24.7	42.0
		44.0	17.3	18.7	20.0	21.7		16.0	17.6	19.1	21.0	22.1	15.2	17.0	18.7	20.7	22.0	14.5	16.5	18.3	20.5	21.9	14.4	16.1	17.9	20.2	21.8	44.0
		46.0	15.3	16.6	17.8	19.2		14.0	15.6	16.9	18.6		13.1	14.9	16.4	18.3	19.4	12.4	14.4	16.1	18.0	19.3	12.2	13.9	15.7	17.8	19.2	46.0
		48.0	13.5	14.8	15.8	17.0		12.1	13.6	14.9	16.3		11.2	12.9	14.4	16.0		10.5	12.4	14.0	15.8	16.9	10.3	11.8	13.6	15.6	16.8	48.0
		50.0	11.8	12.9	13.9	14.9		10.4	11.8	13.0	14.3		9.4	11.0	12.4	14.0		8.8	10.5	12.0	13.8		8.5	10.0	11.6	13.6	14.7	50.0
		55.0	8.0	8.8	9.4		6.6	7.7	8.5				5.6	6.9	8.0	9.0			6.4	7.6	8.9				8.8			55.0
		60.0		5.3																								60.0
	65.0																										65.0	
	70.0																										70.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	35~82	27~82	40~82	51~82	66~82	40~82	43~82	46~82	56~82	66~82	45~82	48~82	50~82	52~82	65~82	53~82	51~82	53~82	56~82	65~82	56~82	58~82	61~82	59~82	65~82	°	
		8	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

A diagram showing a rectangular block labeled 't' hanging from a point above it by two lines forming a triangle.



A diagram showing a rectangular block labeled 't' hanging from a point above it by two lines forming a triangle.

A diagram of a crane arm of length m . The arm is represented by a thick black line segment. At the end of the arm is a hook. A dimension line below the arm indicates its length is m .

ラフィングジブ

 4段ESP+12.5mFB	 2.5m+54mLJ	 127 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	24.0	36.2																									24.0	
	26.0	36.2					32.7																				26.0	
	28.0	36.2					32.7					29.6						26.2									28.0	
	30.0	36.2					32.7					29.6						26.2									30.0	
	32.0	36.2					32.7					29.6						26.2					22.0				32.0	
	34.0	35.8	36.2				32.7	32.7				29.6						26.2					21.0				34.0	
	36.0	32.3	34.5				31.1	32.7				29.6	29.6					26.2					19.8				36.0	
	38.0	29.2	32.8				28.0	31.9				26.7	29.6					25.9	26.2				19.2	19.2			38.0	
	40.0	26.4	29.8				25.2	28.8				24.0	27.9					23.1	26.2				18.5	18.5			40.0	
	42.0	23.9	27.1	27.4			22.7	26.1	27.7			21.5	25.2					20.6	24.5				18.1	18.1			42.0	
	44.0	21.6	24.6	26.3			20.4	23.7	26.7			19.2	22.7	26.1				18.4	22.0	25.6			17.9	17.8			44.0	
	46.0	19.6	22.4	25.2			18.4	21.4	24.4			17.2	20.5	23.7				16.4	19.8	23.2			16.3	17.3	17.7		46.0	
	48.0	17.7	20.4	23.0			16.5	19.4	22.2			15.4	18.5	21.5				14.6	17.8	21.0			14.5	17.0	17.4		48.0	
	50.0	16.0	18.5	21.0	20.0		14.8	17.5	20.2			13.7	16.6	19.5				12.7	15.9	18.9			12.6	15.3	16.8		50.0	
	55.0	12.3	14.5	16.6	18.7		11.0	13.5	15.8	19.0		9.7	12.5	15.1	18.6			8.8	11.8	14.5	18.2		8.6	11.1	14.0		55.0	
	60.0	9.0	11.1	13.0	15.5	14.3	7.7	10.0	12.2	15.0	14.6	6.4	8.9	11.3	14.4	14.9			8.2	10.7	14.0				10.2	13.7	60.0	
	65.0	6.3	8.0	9.8	12.0	13.7	5.0	6.9	8.8	11.4	13.3		5.9	7.9	10.8	12.9				7.4	10.4	12.7				10.0	12.5	65.0
	70.0		5.4	6.9	8.7				5.9	8.1	9.6			5.0	7.5	9.2					7.1	9.0				6.7	8.8	70.0
	75.0				5.7					5.1												5.6						75.0
	80.0																											80.0
	85.0																											85.0
	90.0																											90.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
 °	50~82	51~82	55~82	54~82	71~82	53~82	58~82	58~82	58~82	67~82	58~82	59~82	60~82	65~82	69~82	63~82	65~82	65~82	67~82	65~82	65~82	65~82	69~82	70~82	68~82	72~82	°	
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

 4段ESP+12.5mFB	 2.5m+63mLJ	 127 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	28.0	25.0				24.7																					28.0	
	30.0	25.0				24.7					22.4																30.0	
	32.0	25.0				24.7					22.4									16.0							32.0	
	34.0	25.0				24.7					22.4									16.0				14.2			34.0	
	36.0	25.0				24.7					22.4									16.0				14.2			36.0	
	38.0	25.0	25.0			24.7	24.7				22.4									16.0				14.2			38.0	
	40.0	25.0	25.0			24.7	24.7				22.4	22.4								16.0				14.2			40.0	
	42.0	25.0	25.0			24.7	24.7				22.4	22.4								16.0	16.0			14.2	14.2		42.0	
	44.0	23.5	25.0			22.4	24.7				21.3	22.4								16.0	16.0			14.2	14.2		44.0	
	46.0	21.5	24.6	25.0		20.3	23.8				19.2	22.4								16.0	16.0			14.2	14.2		46.0	
	48.0	19.6	22.6	24.0		18.4	21.7	24.3			17.4	20.8								16.0	16.0			14.2	14.2		48.0	
	50.0	17.9	20.7	23.1		16.7	19.8	22.8			15.6	18.9	22.2							14.8	16.0	16.0		14.2	14.2		50.0	
	55.0	14.1	16.6	19.0		13.0	15.7	18.3			11.9	14.8	17.7							11.0	14.2	16.0		10.9	13.6	14.2	55.0	
	60.0	11.1	13.2	15.3	16.3		9.8	12.3	14.6	16.6		8.6	11.4	13.9	16.9					7.7	10.7	13.4		7.5	10.1	12.9	60.0	
	65.0	8.3	10.4	12.2	14.9	12.1	7.0	9.3	11.5	14.4		5.8	8.3	10.8	13.9						7.6	10.2	13.6		6.9	9.7	13.3	65.0
	70.0	5.9	7.7	9.5	11.8	11.5		6.7	8.7	11.3	11.8		5.7	7.9	10.8	12.0					7.3	10.4	12.2		6.7	10.1		70.0
	75.0		5.4	7.0	9.1	10.6			6.1	8.5	10.2			5.3	7.9	9.9						7.5	9.7			7.2	9.6	75.0
	80.0				6.4					5.8	7.1				5.2	6.8							6.7				6.5	80.0
	85.0																											85.0
	90.0																											90.0
	95.0																											95.0
	100.0																											100.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	11	ID	
 °	52~82	53~82	58~82	59~82	69~82	57~82	59~82	60~82	62~82	65~82	59~82	61~82	62~82	64~82	67~82	63~82	65~82	67~82	69~82	69~82	69~82	66~82	67~82	68~82	71~82	71~82	°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t			

						
4段ESP+12.5mFB	2.5m+72mLJ	127 t	9.7m x 9.0m	AJ	360°	JPN

m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°
30.0	20.5																									30.0
32.0	20.5					18.8					17.1															32.0
34.0	20.5					18.8					17.1					12.3										34.0
36.0	20.5					18.8					17.1					12.3										36.0
38.0	20.5					18.8					17.1					12.3					11.0					38.0
40.0	20.5					18.8					17.1					12.3					11.0					40.0
42.0	20.5	20.2				18.8					17.1					12.3					11.0					42.0
44.0	20.5	19.6				18.8	18.8				17.1	17.1				12.3					11.0					44.0
46.0	20.5	19.1				18.8	18.8				17.1	17.1				12.3	12.3				11.0					46.0
48.0	20.2	18.6				18.8	18.8				17.1	17.1				12.3	12.3				11.0	11.0				48.0
50.0	18.5	18.1				17.4	18.3				16.3	17.1				12.3	12.3				11.0	11.0				50.0
55.0	14.7	17.0	15.8			13.6	16.6	15.9			12.6	15.8	16.0			11.7	12.3				11.0	11.0				55.0
60.0	11.6	14.1	15.0			10.5	13.2	15.1			9.3	12.3	15.2			8.4	11.7	12.3			8.2	11.0	11.0			60.0
65.0	8.9	11.2	13.3	13.0		7.7	10.3	12.7			6.5	9.4	12.0			8.6	11.5				7.9	11.0				65.0
70.0	6.5	8.6	10.6	12.1		5.3	7.6	9.9	12.4			6.7	9.2	12.5			8.6	12.2				8.1	11.0			70.0
75.0	4.5	6.3	8.2	10.7	8.7		5.3	7.4	10.2	9.0			6.6	9.7			6.0	9.4					9.0			75.0
80.0		4.3	5.9	8.3	8.3			5.1	7.7	8.5				7.1	8.7			6.7	8.9				6.4		9.0	80.0
85.0			3.9	5.9	7.4				5.3	7.1				4.7	6.7				6.5						6.3	85.0
90.0				3.7											4.0											90.0
95.0																										95.0
100.0																										100.0
105.0																										105.0
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
°	53~82	55~82	56~82	58~82	68~82	58~82	61~82	62~82	65~82	70~82	62~82	65~82	67~82	67~82	66~82	66~82	69~82	68~82	72~82	73~82	68~82	70~82	72~82	73~82	74~82	°
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

						
4段ESP+12.5mFB	2.5m+81mLJ	127 t	9.7m x 9.0m	AJ	360°	JPN

m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°
34.0	15.0					13.8																				34.0
36.0	15.0					13.8					12.6															36.0
38.0	15.0					13.8					12.6					9.1										38.0
40.0	15.0					13.8					12.6					9.1										40.0
42.0	15.0					13.8					12.6					9.1					8.1					42.0
44.0	15.0					13.8					12.6					9.1					8.1					44.0
46.0	15.0	15.0				13.8					12.6					9.1					8.1					46.0
48.0	15.0	15.0				13.8	13.8				12.6	12.6				9.1					8.1					48.0
50.0	15.0	15.0				13.8	13.8				12.6	12.6				9.1	9.1				8.1					50.0
55.0	14.9	15.0				13.8	13.8				12.6	12.6				9.1	9.1				8.1	8.1				55.0
60.0	11.8	14.5	14.9			10.7	13.6	13.8			9.5	12.6	12.6			8.6	9.1					8.1				60.0
65.0	9.1	11.6	13.5			7.9	10.7	13.4			6.7	9.9	12.6				9.1	9.1				8.1	8.1			65.0
70.0	6.7	9.0	11.3			5.5	8.1	10.6				7.1	10.0					9.1					8.1			70.0
75.0	4.6	6.7	8.9	9.3			5.7	8.1	9.5				7.4	9.6					6.8							75.0
80.0		4.7	6.6	8.5				5.8	8.8					8.4						8.0						80.0
85.0			4.6	7.1	5.8				6.6	6.0				6.0	6.2					5.6						85.0
90.0				5.0	5.4				4.4	5.7					5.8											90.0
95.0				3.0	4.4					4.0																95.0
100.0																										100.0
105.0																										105.0
110.0																										110.0
115.0																										115.0
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11			ID
°	57~82	60~82	63~82	62~82	67~82	62~82	65~82	67~82	68~82	69~82	65~82	69~82	71~82	73~82	75~82	69~82	72~82	72~82	74~82		73~82	73~82	76~82			°
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2			
25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		25t	25t	25t			

ラフイングジブ

						
4段ESP+12.5mFB	2.5m+27mLJ	94 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°
	m	16.0	91.5																								16.0
		18.0	75.4				74.0					71.1															18.0
		20.0	63.3	67.6			61.8					61.0					59.6										20.0
		22.0	53.7	58.2			52.4	57.1				51.6	56.5				50.8					50.7					22.0
		24.0	46.1	50.0	53.2		44.7	48.9				44.0	48.4				43.2	47.8				43.5					24.0
		26.0	39.8	43.3	46.7		38.5	42.2	45.8			37.7	41.7	45.5			37.0	41.1				37.2	40.5				26.0
		28.0	34.6	37.8	40.8		33.3	36.6	39.9			32.5	36.1	39.5			31.8	35.5	39.0			31.9	35.0				28.0
		30.0	30.2	33.0	35.7	39.4	28.8	31.9	34.8	38.8		28.1	31.3	34.4			27.4	30.8	34.0			27.5	30.2	33.5			30.0
		32.0	26.3	28.9	31.4	34.7	25.0	27.8	30.5	34.0		24.3	27.3	30.1	33.8		23.6	26.7	29.6	33.5		23.6	26.2	29.2			32.0
		34.0	23.0	25.4	27.6	30.6	21.7	24.3	26.7	29.9	32.4	21.0	23.7	26.3	29.7	32.3	20.3	23.2	25.8	29.4		20.3	22.6	25.4	29.1		34.0
		36.0	20.1	22.3	24.3	26.9	18.8	21.2	23.4	26.2	28.4	18.1	20.6	22.9	26.0	28.3	17.4	20.0	22.5	25.7	28.2	17.4	19.5	22.1	25.4		36.0
		38.0	17.6	19.5	21.3	23.7	16.3	18.4	20.4	23.0	24.9	15.4	17.8	20.0	22.8	24.8	14.7	17.3	19.5	22.5	24.7	14.6	16.8	19.1	22.2	24.5	38.0
		40.0	15.3	17.1	18.7	20.8	13.8	16.0	17.8	20.1	21.7	12.9	15.3	17.3	19.9	21.6	12.2	14.7	16.9	19.6	21.5	12.1	14.2	16.5	19.3	21.4	40.0
		42.0	13.1	14.9	16.4	18.2	11.6	13.7	15.4	17.5	18.9	10.7	12.9	15.0	17.2	18.8	10.0	12.3	14.5	17.0	18.7		11.8	14.1	16.7	18.5	42.0
		44.0	11.1	12.7	14.2	15.8	9.6	11.5	13.2	15.2	16.3	8.7	10.8	12.6	14.9	16.2		10.2	12.2	14.6	16.1			11.7	14.4	16.0	44.0
		46.0	9.2	10.7	12.1	13.6	7.8	9.5	11.1	12.9			8.8	10.5	12.5	13.8			10.0	12.3	13.7				12.0	13.6	4

						
4段ESP+12.5mFB	2.5m+36mLJ	94 t	9.7m × 9.0m	AJ	360 °	JPN

		m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ m			36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
		°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m		18.0	67.5																								18.0	
			20.0	66.4				59.5																					20.0
			22.0	56.7				55.3					52.3					45.0											22.0
			24.0	48.9	53.1			47.5					46.2					45.0											24.0
			26.0	42.5	46.9			41.1	45.8				39.8					39.6						38.6					26.0
			28.0	37.1	41.1			35.8	40.1				34.5	39.1				34.2	39.0					34.5					28.0
			30.0	32.6	36.2	39.3		31.2	35.2				30.0	34.2				29.7	34.1				29.9	33.4				30.0	
			32.0	28.7	32.0	35.2		27.3	30.9	34.4			26.1	29.9	33.6			25.9	29.8				26.0	29.2				32.0	
			34.0	25.3	28.3	31.3			24.0	27.3	30.5		22.7	26.3	29.7			22.5	26.2	29.7				22.6	25.6				34.0
			36.0	22.3	25.1	27.8		31.2	21.0	24.1	27.0		19.8	23.1	26.2			19.6	22.9	26.2				19.6	22.4	25.7			36.0
			38.0	19.7	22.3	24.8	28.3		18.4	21.2	23.9	27.7		17.2	20.2	23.1	27.1		17.0	20.1	23.1			16.9	19.5	22.6			38.0
			40.0	17.4	19.7	22.1	25.2	27.0	16.1	18.7	21.2	24.6		14.8	17.7	20.4	24.0		14.5	17.6	20.4	24.2		14.4	17.0	19.9			40.0
			42.0	15.3	17.5	19.6	22.5	24.8	13.9	16.4	18.7	21.9	24.4	12.5	15.4	17.9	21.3		12.2	15.3	17.9	21.4		12.1	14.7	17.4	21.1		42.0
			44.0	13.3	15.4	17.4	20.0	22.1	11.8	14.4	16.5	19.4	21.7	10.5	13.2	15.7	18.8	21.3	10.2	13.0	15.6	18.9	21.5	10.0	12.4	15.2	18.6		44.0
			46.0	11.4	13.5	15.4	17.8	19.6	10.0	12.3	14.5	17.1	19.2	8.7	11.2	13.6	16.5	18.8		11.0	13.5	16.6	19.0		10.4	13.0	16.3	18.8	46.0
			48.0	9.7	11.7	13.5	15.7	17.3	8.3	10.5	12.6	15.1	16.8		9.4	11.6	14.5	16.4		9.2	11.5	14.5	16.6			11.0	14.2	16.5	48.0
			50.0	8.2	10.0	11.7	13.8	15.1	6.8	8.8	10.7	13.2	14.7		7.7	9.8	12.5	14.3			9.7	12.5	14.5			9.2	12.2	14.4	50.0
		55.0		6.3	7.6	9.2				6.7	8.6				7.9	9.3					8.0	9.5					9.4	55.0	
		60.0				5.2																						60.0	
		65.0																										65.0	
		70.0																										70.0	
		75.0																										75.0	
	%		1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
			2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
			3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID			17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
		°	51~82	50~82	54~82	50~82	67~82	54~82	58~82	57~82	61~82	69~82	60~82	60~82	64~82	63~82	65~82	63~82	64~82	66~82	65~82	67~82	66~82	67~82	67~82	71~82	69~82	°	
			6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4		
			150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

						
4段ESP+12.5mFB	2.5m+45mLJ	94 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	22.0	48.4				43.3																				22.0	
		24.0	48.4				43.3					38.7															24.0	
		26.0	44.6				43.3					38.7					33.8										26.0	
		28.0	39.2	43.3			37.9					36.6					33.8					29.4					28.0	
		30.0	34.5	38.8			33.3	37.9				32.0					31.1					29.4					30.0	
		32.0	30.6	34.5			29.3	33.6				28.1	32.6				27.2	31.9				27.4					32.0	
		34.0	27.1	30.8			25.8	29.8				24.6	28.9				23.8	28.2				23.9	27.5				34.0	
		36.0	24.1	27.5	30.4		22.8	26.5	30.0			21.6	25.6				20.8	24.9				20.9	24.2				36.0	
		38.0	21.4	24.5	27.6		20.2	23.6	26.9			19.0	22.6	26.2			18.2	21.9				18.2	21.3				38.0	
		40.0	19.0	21.9	24.8		17.8	21.0	24.1			16.6	20.0	23.3			15.8	19.3	22.8			15.8	18.7	22.3			40.0	
		42.0	16.9	19.6	22.3		15.7	18.6	21.5			14.4	17.7	20.8			13.5	17.0	20.2			13.4	16.4	19.7			42.0	
		44.0	15.0	17.5	20.0	23.2	13.6	16.5	19.2	22.8		12.3	15.6	18.4			11.4	14.9	17.9			11.3	14.2	17.4			44.0	
		46.0	13.1	15.6	17.9	21.2	11.7	14.6	17.1	20.6		10.4	13.6	16.3	20.1		9.5	12.8	15.8			12.1	15.3				46.0	
		48.0	11.4	13.9	16.0	19.0	10.0	12.7	15.2	18.5		8.7	11.7	14.4	18.0			10.9	13.9	17.6			10.3	13.4	17.3		48.0	
		50.0	9.8	12.1	14.3	17.1	19.4	8.4	11.0	13.5	16.5	19.1			9.9	12.6	16.0			9.2	12.0	15.6			11.5	15.3	50.0	
		55.0	6.4	8.4	10.3	12.8	14.5		7.2	9.3	12.2	14.2			8.4	11.5	13.8				7.9	11.1	13.6			10.7	13.4	55.0
		60.0		5.2	6.8	8.8	10.1			5.8	8.1	9.8					7.5	9.4				7.1	9.2				9.0	60.0
		65.0				5.3																						65.0
		70.0																										70.0
		75.0																										75.0
		80.0																										80.0
		85.0																										85.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	53~82	53~82	57~82	56~82	66~82	60~82	60~82	60~82	65~82	68~82	63~82	66~82	66~82	67~82	70~82	66~82	67~82	67~82	68~82	68~82	71~82	69~82	70~82	72~82	73~82	73~82	°
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

						
4段ESP+12.5mFB	2.5m+54mLJ	94 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	24.0	36.2																									24.0
		26.0	36.2				32.7																					26.0
		28.0	36.2				32.7					29.6					26.2											28.0
		30.0	35.6				32.7					29.6					26.2											30.0
		32.0	31.6				30.4					29.1					26.2						22.0					32.0
		34.0	28.1	32.2			26.9	31.4				25.6					24.7						21.0					34.0
		36.0	25.0	28.9			23.8	28.0				22.6	27.1				21.7						19.8					36.0
		38.0	22.3	25.9			21.1	25.0				19.9	24.1				19.0	23.4					19.1	19.2				38.0
		40.0	19.9	23.3			18.7	22.4				17.5	21.4				16.6	20.8					16.7	18.5				40.0
		42.0	17.7	20.9	23.8		16.5	20.0	23.3			15.4	19.0				14.4	18.4					14.4	17.7				42.0
		44.0	15.8	18.8	21.7		14.6	17.8	21.0			13.3	16.9	20.3			12.3	16.2	19.8				12.3	15.6				44.0
		46.0	14.0	16.8	19.6		12.7	15.9	18.9			11.4	14.9	18.1			10.4	14.3	17.6				13.5	17.1				46.0
		48.0	12.3	15.1	17.7		10.9	14.1	16.9			9.6	13.1	16.2				12.3	15.7				11.6	15.1				48.0
		50.0	10.7	13.4	15.9	19.1	9.3	12.4	15.1				11.3	14.4				10.6	13.9					13.3				50.0
		55.0	7.2	9.6	12.0	15.0		8.5	11.1	14.5						10.2	14.0			9.6	13.6							55.0
		60.0		6.5	8.5	11.3	13.5			7.6	10.7	13.1					10.1	12.8			9.7							60.0
		65.0			5.5	7.9	9.7				7.2	9.3					6.6	8.9										65.0
		70.0										5.7																70.0
		75.0																										75.0
		80.0																										80.0
		85.0																										85.0
		90.0																										90.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	5	16	16	16	16		11	11	11			ID
	°	58~82	60~82	60~82	66~82	71~82	64~82	65~82	66~82	68~82	67~82	66~82	70~82	71~82	70~82	74~82	69~82	71~82	72~82	75~82		72~82	73~82	76~82			°	
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		4	4	4			t	
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		80t	80t	80t			t	

ラフイングジブ

						
4段ESP+12.5mFB	2.5m+27mLJ	208 t	9.7m × 9.0m		360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	16.0	96.5																								16.0	
		18.0	95.9				82.8					71.1															18.0	
		20.0	84.7	83.3			82.6					71.1						59.6									20.0	
		22.0	75.3	78.3			74.0	78.5				71.1	71.1					59.1					50.7				22.0	
		24.0	67.4	71.1	64.5		66.0	70.1				65.3	69.6					58.5	59.8				50.2				24.0	
		26.0	60.5	64.0	61.7		59.2	62.9	62.8			58.4	62.3	65.6				57.7	59.1				49.6	50.5			26.0	
		28.0	54.5	57.7	59.1		53.2	56.6	59.8			52.4	56.0	59.5				51.7	55.5	59.0			49.0	49.7			28.0	
		30.0	49.3	52.2	55.0	47.3	48.0	51.1	54.1	48.1		47.2	50.5	53.7				46.5	49.9	53.2			46.6	48.1	48.7		30.0	
		32.0	44.7	47.4	49.9	46.0	37.7	43.3	46.2	48.9	46.9		42.6	45.6	48.5	48.7		41.9	45.1	48.1	49.4		41.9	44.5	46.7		32.0	
		34.0	40.6	43.0	45.4	44.8	37.1	39.2	41.9	44.4	45.7	37.8	38.4	41.3	44.0	47.5	39.0	37.7	40.7	43.5	47.2		37.7	40.2	43.0	45.0	34.0	
		36.0	36.9	39.2	41.3	43.7	36.5	35.5	38.0	40.3	43.4	37.2	34.7	37.4	39.8	43.1	38.5	34.0	36.8	39.4	42.8	39.0	34.0	36.3	38.9	42.5	36.0	
		38.0	33.6	35.7	37.6	40.1	36.0	32.2	34.5	36.6	39.4	36.7	31.4	33.8	36.1	39.1	38.0	30.7	33.3	35.7	38.8	38.5	30.6	32.8	35.2	38.5	39.8	38.0
		40.0	30.6	32.5	34.2	36.5	35.6	29.2	31.3	33.3	35.8	36.3	28.4	30.7	32.8	35.5	37.4	27.7	30.1	32.3	35.2	37.3	27.6	29.6	31.9	34.9	37.1	40.0
		42.0	27.8	29.6	31.2	33.2	34.4	26.5	28.4	30.2	32.5	33.9	25.6	27.8	29.7	32.2	33.8	25.0	27.2	29.3	31.9	33.7	24.8	26.7	28.8	31.6	33.6	42.0
		44.0	25.4	26.9	28.4	30.2		24.0	25.8	27.4	29.4	30.6	23.1	25.1	26.9	29.1	30.5	22.5	24.5	26.4	28.8	30.5	22.3	24.0	26.0	28.6	30.3	44.0
		46.0	23.1	24.5	25.8	27.3		21.7	23.3	24.8	26.6		20.8	22.6	24.3	26.3	27.5	20.2	22.1	23.9	26.1	27.4	20.0	21.6	23.5	25.8	27.3	46.0
		48.0	21.0	22.3	23.4	24.7		19.6	21.1	22.4	24.0		18.7	20.4	21.9	23.7		18.1	19.9	21.5	23.5	24.6	17.8	19.4	21.1	23.2	24.6	48.0
		50.0	19.0	20.2	21.2	22.3		17.7	19.0	20.2	21.6		16.8	18.3	19.7	21.3		16.1	17.8	19.3	21.1		15.9	17.3	18.9	20.8	22.0	50.0
		55.0	14.8	15.6	16.3			13.4	14.5	15.4			12.5	13.7	14.8	15.9		11.9	13.2	14.4	15.8		11.6	12.7	14.1	15.6		55.0
		60.0	11.3	11.7				9.9	10.6	11.2			8.9	9.9	10.6			8.3	9.4	10.3	11.2		8.0	8.9	10.0	11.1		60.0
	65.0						6.9	7.3				5.9	6.5	7.0			5.3	6.1	6.8				5.7	6.5			65.0	
	70.0																										70.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	24~82	27~82	40~82	51~82	66~82	22~82	24~82	37~82	56~82	66~82	31~82	33~82	35~82	52~82	65~82	37~82	39~82	41~82	50~82	65~82	47~82	44~82	45~82	53~82	65~82	°	
		8	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

						
4段ESP+12.5mFB	2.5m+36mLJ	208 t	9.7m × 9.0m		360 °	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m		
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m		
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°		
	m	18.0	67.5																								18.0		
		20.0	67.5				59.5																				20.0		
		22.0	67.5				59.5					52.3						45.0									22.0		
		24.0	67.5	61.1			59.5					52.3						45.0									24.0		
		26.0	62.7	57.7			59.5	58.5				52.3						45.0					38.6				26.0		
		28.0	56.7	54.6			55.3	55.5				52.3	52.3					45.0	45.0				38.6				28.0		
		30.0	51.4	51.8	46.4		50.0	52.8				48.8	52.3					45.0	45.0				38.6	38.6			30.0		
		32.0	46.7	49.3	44.5		45.4	49.1	45.2			44.1	48.1	45.7				43.9	45.0				38.6	38.6			32.0		
		34.0	42.6	45.8	42.7		41.2	44.7	43.5			40.0	43.6	44.1				39.7	43.5	45.0				38.2	38.6		34.0		
		36.0	38.9	41.9	41.1	34.7		37.5	40.7	41.9			36.2	39.7	42.6				36.0	39.6	43.0			36.0	38.1	38.6	36.0		
		38.0	35.5	38.3	39.7	33.7		34.2	37.2	40.1	34.3		32.9	36.1	39.2	34.7			32.6	36.0	39.2			32.6	35.4	37.5	38.0		
		40.0	32.5	35.1	37.6	32.8	27.0	31.1	33.9	36.6	33.4		29.9	32.9	35.8	33.9			29.6	32.7	35.7	35.6			29.5	32.1	35.3	40.0	
		42.0	29.8	32.2	34.5	32.0	26.5	28.4	31.0	33.5	32.6	27.0	27.1	29.9	32.6	33.1			26.8	29.8	32.6	34.8			26.7	29.2	32.1	35.2	42.0
		44.0	27.2	29.5	31.6	31.2	26.1	25.9	28.3	30.6	31.9	26.6	24.6	27.2	29.7	32.4	27.0	24.3	27.1	29.7	33.3	28.2		24.2	26.5	29.2	32.9	44.0	
		46.0	24.9	27.0	29.0	30.5	25.7	23.6	25.8	28.0	30.9	26.2	22.3	24.7	27.1	30.3	26.7	22.0	24.6	27.1	30.4	27.8	21.8	24.0	26.6	30.0	28.8	46.0	
		48.0	22.8	24.7	26.6	29.0	25.4	21.4	23.6	25.6	28.3	25.9	20.1	22.5	24.7	27.6	26.3	19.9	22.3	24.6	27.7	27.5	19.7	21.7	24.1	27.4	28.4	48.0	
		50.0	20.9	22.6	24.3	26.5	25.2	19.5	21.5	23.3	25.8	25.6	18.2	20.4	22.4	25.1	26.0	17.9	20.2	22.4	25.2	27.1	17.7	19.6	21.9	24.9	27.1	50.0	
		55.0	16.6	18.0	19.3	20.9		15.2	16.8	18.3	20.2		13.9	15.7	17.4	19.6	21.0	13.6	15.5	17.4	19.7	21.2	13.3	15.0	16.9	19.4	21.1	55.0	
		60.0	13.0	14.1	15.1	16.1		11.6	12.9	14.1	15.5		10.3	11.8	13.2	14.9		10.0	11.6	13.1	15.0		9.6	11.1	12.7	14.7		60.0	
		65.0	9.9	10.7	11.3			8.5	9.5	10.4			7.2	8.5	9.6	10.7		6.9	8.3	9.5	10.9		6.5	7.7	9.1	10.7		65.0	
	70.0	7.3					5.9	6.6	7.1				5.6	6.4					5.3	6.3					5.9	7.1		70.0	
	75.0																										75.0		
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1		
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2		
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3		
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID		
	°	21~82	35~82	38~82	50~82	67~82	30~82	33~82	35~82	54~82	69~82	42~82	39~82	42~82	51~82	65~82	45~82	43~82	46~82	55~82	68~82	49~82	52~82	49~82	52~82	69~82	°		
	m	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4				
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t			

					
4段ESP+12.5mFB	2.5m+45mLJ	208 t	9.7m x 9.0m	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ		m	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
	m	22.0	48.4				43.3																				22.0	
		24.0	48.4				43.3					38.7															24.0	
		26.0	48.4				43.3					38.7					33.8										26.0	
		28.0	48.4	48.4			43.3					38.7					33.8					29.4					28.0	
		30.0	48.4	46.0			43.3	43.3				38.7					33.8					29.4					30.0	
		32.0	47.5	43.6			43.3	43.3				38.7	38.7				33.8	33.8				29.4					32.0	
		34.0	44.2	41.5			42.9	42.1				38.7	38.7				33.8	33.8				29.4	29.4				34.0	
		36.0	40.5	39.5	35.8		39.1	40.2	36.2			37.9	38.7				33.8	33.8				29.4	29.4				36.0	
		38.0	37.1	37.7	34.4		35.8	38.4	34.9			34.5	38.4	35.3			33.6	33.8				29.4	29.4				38.0	
		40.0	34.0	36.0	33.1		32.7	36.1	33.6			31.4	35.1	34.0			30.6	33.8	33.8			29.4	29.4	29.4			40.0	
		42.0	31.3	34.2	31.8		29.9	33.1	32.4			28.7	32.1	32.9			27.8	31.4	33.3			27.7	29.4	29.4			42.0	
		44.0	28.7	31.5	30.7	26.1	27.4	30.4	31.3	26.5		26.1	29.4	31.8			25.3	28.7	31.9			25.2	28.0	29.4			44.0	
		46.0	26.4	29.0	29.7	25.4	25.1	27.9	30.3	25.8		23.8	26.9	29.8	26.2		22.9	26.1	29.2			22.8	25.5	28.7			46.0	
		48.0	24.3	26.7	28.7	24.7	22.9	25.6	28.2	25.2		21.6	24.5	27.3	25.6		20.8	23.8	26.8	25.9		20.6	23.2	26.2	26.8		48.0	
		50.0	22.3	24.6	26.8	24.1	19.8	20.9	23.5	25.9	24.6	20.2	19.7	22.4	25.0	25.0		18.8	21.7	24.5	25.3		18.6	21.0	23.9	26.2	50.0	
		55.0	17.9	19.9	21.8	22.7	19.0	16.6	18.7	20.8	23.2	19.4	15.3	17.7	19.9	23.0	19.8	14.5	17.0	19.4	22.6	20.1	14.2	16.3	18.8	22.3	20.8	55.0
		60.0	14.3	15.9	17.5	19.5	18.5	12.9	14.8	16.5	18.8	18.9	11.7	13.7	15.6	18.2	19.2	10.8	13.0	15.1	17.8	19.5	10.5	12.4	14.5	17.5	19.7	60.0
		65.0	11.2	12.5	13.8	15.3		9.8	11.4	12.8	14.6		8.6	10.3	11.9	14.0		7.7	9.6	11.4	13.7	15.2	7.4	9.0	10.9	13.3	15.1	65.0
		70.0	8.5	9.5	10.5			7.1	8.4	9.6	10.9		5.9	7.3	8.7	10.3		5.1	6.7	8.2	10.0			6.1	7.7	9.7		70.0
		75.0	6.2	6.9	7.4				5.8	6.6					5.8	6.9				5.3	6.7					6.5		75.0
		80.0																										80.0
		85.0																										85.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	29~82	33~82	36~82	56~82	66~82	41~82	39~82	42~82	53~82	68~82	45~82	49~82	47~82	50~82	70~82	48~82	51~82	50~82	53~82	66~82	55~82	54~82	57~82	56~82	68~82	°	
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

					
4段ESP+12.5mFB	2.5m+54mLJ	208 t	9.7m x 9.0m	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°		
	m	24.0	36.2																								24.0		
		26.0	36.2				32.7																					26.0	
		28.0	36.2				32.7					29.6						26.2										28.0	
		30.0	36.2				32.7					29.6						26.2										30.0	
		32.0	36.2				32.7					29.6						26.2					22.0					32.0	
		34.0	36.2	36.2			32.7	32.7				29.6						26.2					21.0					34.0	
		36.0	36.2	34.5			32.7	32.7				29.6	29.6					26.2					19.8					36.0	
		38.0	35.0	32.8			32.7	32.7				29.6	29.6					26.2	26.2				19.2	19.2				38.0	
		40.0	33.2	31.3			32.7	31.8				29.6	29.6					26.2	26.2				18.5	18.5				40.0	
		42.0	31.4	29.9	27.4		30.6	30.4	27.7			29.3	29.6					25.0	26.2				18.1	18.1				42.0	
		44.0	29.4	28.6	26.3		28.1	29.1	26.7			26.8	29.6	27.0				24.1	26.2	26.2			17.9	17.8				44.0	
		46.0	27.1	27.4	25.4		25.7	28.0	25.8			24.4	28.0	26.1				23.5	26.2	26.2			17.7	17.3	17.7			46.0	
		48.0	24.9	26.3	24.5		23.6	26.7	24.9			22.3	25.7	25.2				21.4	24.9	25.6			17.4	17.0	17.4			48.0	
		50.0	22.9	25.3	23.6	20.0	21.6	24.6	24.0			20.3	23.5	24.4				19.4	22.8	24.8			17.3	16.5	16.8			50.0	
		55.0	18.6	20.9	21.7	18.7	17.2	19.8	22.2	19.0		15.9	18.8	21.5	19.3			15.0	18.0	20.9	19.6		14.8	16.0	16.0			55.0	
		60.0	14.9	17.0	19.0	17.5	13.6	15.8	18.1	17.9	14.6	12.3	14.8	17.2	18.2	14.9	11.4	14.0	16.6	18.5		11.1	13.3	15.5	16.0			60.0	
		65.0	11.8	13.6	15.3	16.6	13.7	10.4	12.4	14.4	16.9	14.1	9.1	11.3	13.4	16.4	14.3	8.3	10.6	12.9	16.0	14.6	7.9	9.9	12.3	15.5	15.1	65.0	
		70.0	9.1	10.6	12.1	14.0		7.7	9.5	11.1	13.3	13.7	6.5	8.4	10.2	12.7	13.9	5.6	7.6	9.6	12.3	14.1	5.2	6.9	9.0	11.9	14.1	70.0	
		75.0	6.8	8.0	9.2	10.6		5.4	6.9	8.2	10.0							5.8	7.3	9.4						6.2	8.6	10.3	75.0
		80.0		5.7	6.6					5.7	6.9							6.3									5.7		80.0
	85.0																											85.0	
	90.0																											90.0	
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID	
	°	40~82	39~82	43~82	54~82	71~82	44~82	49~82	47~82	51~82	67~82	51~82	51~82	55~82	55~82	69~82	53~82	54~82	58~82	58~82	58~82	65~82	56~82	59~82	60~82	60~82	67~82	°	
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
		80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

ラフィングジブ

 4段ESP+12.5mFB	 2.5m+63mLJ	 208 t	 9.7m × 9.0m	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	28.0	25.0				24.7																				28.0	
	30.0	25.0				24.7					22.4																30.0
	32.0	25.0				24.7					22.4					16.0											32.0
	34.0	25.0				24.7					22.4					16.0						14.2					34.0
	36.0	25.0				24.7					22.4					16.0						14.2					36.0
	38.0	25.0	25.0			24.7	24.7				22.4					16.0						14.2					38.0
	40.0	25.0	25.0			24.7	24.7				22.4	22.4				16.0						14.2					40.0
	42.0	25.0	25.0			24.7	24.7				22.4	22.4				16.0	16.0					14.2	14.2				42.0
	44.0	25.0	25.0			24.7	24.7				22.4	22.4				16.0	16.0					14.2	14.2				44.0
	46.0	25.0	25.0	25.0		24.7	24.7				22.4	22.4				16.0	16.0					14.2	14.2				46.0
	48.0	25.0	25.0	24.0		24.7	24.7	24.3			22.4	22.4				16.0	16.0					14.2	14.2				48.0
	50.0	24.8	25.0	23.1		23.6	24.7	23.4			22.4	22.4	22.4			16.0	16.0	16.0				14.2	14.2				50.0
	55.0	20.4	22.5	21.0		19.2	22.2	21.4			18.0	21.2	21.7			16.0	16.0	16.0				14.2	14.2	14.2			55.0
	60.0	16.7	19.2	19.3	16.3		15.5	18.1	19.6	16.6		14.2	17.1	20.0	16.9		13.4	16.0	16.0			13.2	14.2	14.2			60.0
	65.0	13.6	15.7	17.8	15.3	12.1	12.3	14.7	17.0	15.6		11.1	13.7	16.2	15.9		10.2	12.9	15.6	16.0		10.0	12.3	14.2	14.2		65.0
	70.0	10.9	12.7	14.6	14.3	11.5	9.6	11.7	13.7	14.7	11.8	8.4	10.6	12.9	15.0	12.0	7.5	9.9	12.3	15.2	12.2	7.2	9.2	11.7	14.2		70.0
	75.0	8.5	10.1	11.7	13.5	11.1	7.2	9.0	10.8	13.3	11.3	6.0	8.0	10.0	12.7	11.6	5.1	7.3	9.4	12.3	11.8		6.6	8.8	11.9	12.3	75.0
	80.0	6.4	7.8	9.1	10.9		5.1	6.7	8.2	10.3	11.0		5.7	7.4	9.7	11.2			6.8	9.3	11.2			6.3	8.9	11.0	80.0
	85.0		5.7	6.7	8.0				5.9	7.5				5.0	6.9					6.6					6.3	7.9	85.0
	90.0																										90.0
	95.0																										95.0
	100.0																										100.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	43~82	43~82	48~82	53~82	69~82	46~82	51~82	51~82	56~82	65~82	52~82	54~82	54~82	59~82	68~82	54~82	59~82	60~82	61~82	69~82	60~82	61~82	62~82	63~82	66~82	°	
 t	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
 t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

 4段ESP+12.5mFB	 2.5m+72mLJ	 208 t	 9.7m × 9.0m	 360 °	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ m		36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	30.0	20.5																								30.0	
		32.0	20.5				18.8					17.1															32.0	
		34.0	20.5				18.8					17.1					12.3										34.0	
		36.0	20.5				18.8					17.1					12.3										36.0	
		38.0	20.5				18.8					17.1					12.3						11.0				38.0	
		40.0	20.5				18.8					17.1					12.3						11.0				40.0	
		42.0	20.5	20.2			18.8					17.1					12.3						11.0				42.0	
		44.0	20.5	19.6			18.8	18.8				17.1	17.1				12.3						11.0				44.0	
		46.0	20.5	19.1			18.8	18.8				17.1	17.1				12.3	12.3					11.0				46.0	
		48.0	20.3	18.6			18.8	18.8				17.1	17.1				12.3	12.3					11.0	11.0			48.0	
		50.0	19.7	18.1			18.8	18.3				17.1	17.1				12.3	12.3					11.0	11.0			50.0	
		55.0	18.4	17.0	15.8		18.8	17.3	15.9			17.1	17.1	16.0			12.3	12.3					11.0	11.0			55.0	
		60.0	17.2	16.0	15.0		16.0	16.3	15.1			14.8	16.6	15.3			12.3	12.3	12.3				11.0	11.0	11.0		60.0	
		65.0	14.1	15.2	14.3	13.0		12.8	15.4	14.4		11.6	14.5	14.6			10.7	12.3	12.3				10.5	11.0	11.0		65.0	
		70.0	11.4	13.5	13.6	12.1		10.1	12.5	13.8	12.4		8.9	11.5	14.0	12.6		8.0	10.8	12.3	12.3		7.7	10.1	11.0	11.0	70.0	
		75.0	9.0	10.9	12.8	11.3	8.7	7.7	9.9	12.0	11.6	9.0	6.5	8.8	11.2	11.8		5.6	8.1	10.6	12.0		5.3	7.4	10.0	11.0	75.0	
		80.0	6.9	8.6	10.3	10.6	8.3	5.6	7.5	9.4	10.9	8.5	4.4	6.5	8.6	11.1	8.7	3.5	5.8	8.0	11.1	8.9	3.2	5.1	7.4	10.7	9.3	80.0
		85.0	5.0	6.5	8.0	10.0	7.9	3.8	5.4	7.1	9.4	8.2		4.4	6.3	8.8	8.4		3.7	5.7	8.4	8.5		3.0	5.1	8.0	9.0	85.0
		90.0	3.4	4.6	5.9	7.5			3.6	5.0	6.9				4.2	6.3	7.9				3.6	6.0	7.8		3.0	5.6	7.6	90.0
		95.0			3.9	5.1				3.1	4.6					4.0						3.7				3.3	4.9	95.0
		100.0																										100.0
		105.0																										105.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	3
	°	ID	17	17	17	17	17	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
		41~82	47~82	46~82	51~82	68~82	48~82	49~82	50~82	55~82	70~82	53~82	55~82	56~82	58~82	66~82	55~82	57~82	58~82	60~82	68~82	58~82	59~82	60~82	62~82	65~82	°	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

					
4段ESP+12.5mFB	2.5m+81mLJ	208 t	9.7m x 9.0m	360°	JPN

m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°
34.0	15.0					13.8																				34.0
36.0	15.0					13.8					12.6															36.0
38.0	15.0					13.8					12.6							9.1								38.0
40.0	15.0					13.8					12.6							9.1								40.0
42.0	15.0					13.8					12.6							9.1				8.1				42.0
44.0	15.0					13.8					12.6							9.1				8.1				44.0
46.0	15.0	15.0				13.8					12.6							9.1				8.1				46.0
48.0	15.0	15.0				13.8	13.8				12.6	12.6						9.1				8.1				48.0
50.0	15.0	15.0				13.8	13.8				12.6	12.6						9.1	9.1			8.1				50.0
55.0	15.0	15.0				13.8	13.8				12.6	12.6						9.1	9.1			8.1	8.1			55.0
60.0	15.0	15.0	14.9			13.8	13.8	13.8			12.6	12.6	12.6					9.1	9.1			8.1	8.1			60.0
65.0	14.1	14.6	13.5			12.8	13.8	13.7			11.6	12.6	12.6					9.1	9.1	9.1		8.1	8.1	8.1		65.0
70.0	11.3	13.2	12.3			10.1	12.8	12.5			8.9	11.8	12.6					8.0	9.1	9.1		7.7	8.1	8.1		70.0
75.0	9.0	11.2	11.2	9.3		7.7	10.2	11.5	9.5		6.5	9.2	11.7	9.6				5.6	8.4	9.1		5.3	7.7	8.1		75.0
80.0	6.9	8.8	10.3	8.5		5.6	7.8	10.0	8.8		4.4	6.8	9.2	9.0				3.5	6.1	8.6	9.1	3.2	5.3	8.0	8.1	80.0
85.0	5.0	6.8	8.6	7.9	5.8	3.8	5.7	7.7	8.2	6.0		4.7	6.9	8.4	6.2			4.0	6.3	8.6		3.2	5.7	8.1		85.0
90.0	3.4	4.9	6.5	7.4	5.4		3.9	5.6	7.6	5.7			4.8	7.6	5.8				4.2	7.2	6.0		3.6	6.7	6.4	90.0
95.0		3.2	4.6	6.5	5.2			3.7	5.9	5.4				5.3	5.6					4.9	5.7			4.5	6.1	95.0
100.0				4.4					3.8					3.2	4.7						4.6				4.4	100.0
105.0																										105.0
110.0																										110.0
115.0																										115.0
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	ID
°	47~82	49~82	55~82	56~82	67~82	53~82	55~82	57~82	59~82	69~82	57~82	60~82	62~82	61~82	65~82	59~82	61~82	64~82	67~82	67~82	61~82	63~82	65~82	68~82	69~82	°
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

					
4段ESP+12.5mFB	2.5m+90mLJ	208 t	9.7m x 9.0m	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°
 m	36.0	8.5																								36.0
	38.0	8.5				7.9					7.2															38.0
	40.0	8.5				7.9					7.2					6.5										40.0
	42.0	8.5				7.9					7.2					6.5										42.0
	44.0	8.5				7.9					7.2					6.5					5.7					44.0
	46.0	8.5				7.9					7.2					6.5					5.7					46.0
	48.0	8.5				7.9					7.2					6.5					5.7					48.0
	50.0	8.5	8.5			7.9					7.2					6.5					5.7					50.0
	55.0	8.5	8.3			7.9	7.9				7.2	7.2				6.5	6.5				5.7	5.7				55.0
	60.0	8.5	7.6			7.9	7.7				7.2	7.2				6.5	6.5				5.7	5.7				60.0
	65.0	7.8	7.0	6.3		7.9	7.1	6.4			7.2	7.2	6.4			6.5	6.5				5.7	5.7				65.0
	70.0	7.1	6.4	5.8		7.4	6.6	5.9			7.2	6.7	6.0			6.5	6.5	6.1			5.7	5.7	5.7			70.0
	75.0	6.6	6.0	5.4		6.8	6.1	5.5			6.7	6.2	5.6			5.8	6.4	5.7			5.6	5.7	5.7			75.0
	80.0	6.0	5.5	5.0	4.5	5.8	5.7	5.1	4.5		4.6	5.8	5.2			3.7	6.0	5.3			3.4	5.7	5.5			80.0
	85.0	5.2	5.1	4.7	4.2	4.0	5.3	4.8	4.3			5.2	4.9	4.3				4.5	5.0	4.3			3.7	5.2	4.4	85.0
	90.0	3.5	4.8	4.4	4.0			4.3	4.5	4.1			3.3	4.6	4.1				4.7	4.1				4.4	4.2	90.0
95.0		3.6	4.2	3.8	3.5			4.3	3.9	3.6			3.7	3.9	3.6				3.0	4.0	3.6			4.1	95.0	
100.0			3.6	3.7	3.2				3.7	3.4				3.8	3.5				3.8	3.5				3.7	3.6	100.0
105.0				3.5	3.0				3.2	3.2				3.4						3.4					3.4	105.0
110.0																										110.0
115.0																										115.0
120.0																										120.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11
 °	52~82	55~82	57~82	61~82	65~82	56~82	60~82	63~82	63~82	68~82	60~82	61~82	64~82	68~82	69~82	62~82	65~82	65~82	69~82	71~82	64~82	66~82	69~82	70~82	72~82	°
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

ラフィングジブ

						
4段ESP+12.5mFB	2.5m+27mLJ	195 t	9.7m × 9.0m		360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	16.0	96.5																								16.0	
		18.0	94.1				82.8					71.1															18.0	
		20.0	83.0	83.3			81.7					71.1					59.6										20.0	
		22.0	73.7	77.9			72.4	76.9				71.1	71.1				59.1					50.7					22.0	
		24.0	65.9	69.6	64.5		64.5	68.6				63.8	68.1				58.5	59.8				50.2					24.0	
		26.0	59.1	62.5	61.7		57.7	61.5	62.8			57.0	60.9	64.7			56.3	59.1				49.6	50.5				26.0	
		28.0	53.2	56.4	59.1		51.8	55.3	58.5			51.1	54.7	58.1			50.4	54.1	57.7			49.0	49.7				28.0	
		30.0	48.0	51.0	53.7	47.3	46.7	49.8	52.8	48.1		45.9	49.3	52.4			45.2	48.7	51.9			45.3	48.1	48.7			30.0	
		32.0	43.5	46.2	48.7	46.0	37.7	42.1	45.0	47.8	46.9		41.3	44.4	47.3	48.7		40.7	43.8	46.9	49.4		40.7	43.3	46.4		32.0	
		34.0	39.4	41.9	44.2	44.8	37.1	38.1	40.7	43.3	45.7	37.8	37.3	40.1	42.8	46.4	39.0	36.6	39.6	42.3	46.1		36.6	39.0	41.9	45.0	34.0	
		36.0	35.8	38.1	40.2	43.0	36.5	34.4	36.9	39.2	42.3	37.2	33.6	36.3	38.8	42.0	38.5	32.9	35.7	38.3	41.7	39.0	32.9	35.2	37.9	41.4	36.0	
		38.0	32.5	34.6	36.6	39.1	36.0	31.2	33.4	35.6	38.3	36.7	30.3	32.8	35.1	38.1	38.0	29.7	32.2	34.6	37.8	38.5	29.6	31.7	34.2	37.5	39.8	
		40.0	29.6	31.5	33.3	35.5	35.6	28.2	30.3	32.3	34.8	36.3	27.4	29.7	31.8	34.5	36.4	26.7	29.1	31.3	34.2	36.3	26.6	28.6	30.9	33.9	36.1	40.0
		42.0	26.9	28.6	30.2	32.2	33.5	25.5	27.4	29.2	31.5	33.0	24.7	26.8	28.7	31.2	32.9	24.0	26.2	28.3	30.9	32.8	23.9	25.7	27.9	30.6	32.6	42.0
		44.0	24.4	26.0	27.5	29.2		23.0	24.8	26.5	28.5	29.7	22.2	24.2	26.0	28.2	29.6	21.5	23.6	25.5	27.9	29.5	21.4	23.1	25.1	27.7	29.4	44.0
		46.0	22.2	23.6	24.9	26.5		20.8	22.4	23.9	25.7		19.9	21.8	23.4	25.4	26.6	19.3	21.2	23.0	25.2	26.6	19.1	20.7	22.6	24.9	26.5	46.0
		48.0	20.1	21.4	22.6	23.9		18.7	20.2	21.6	23.2		17.9	19.5	21.1	22.9		17.2	19.0	20.6	22.6	23.8	17.0	18.5	20.2	22.4	23.7	48.0
		50.0	18.2	19.4	20.4	21.4		16.8	18.2	19.4	20.8		15.9	17.5	18.9	20.5		15.3	17.0	18.5	20.3		15.0	16.5	18.1	20.0	21.2	50.0
		55.0	14.1	14.9	15.5			12.7	13.7	14.6			11.7	13.0	14.0	15.1		11.1	12.5	13.7	15.0		10.8	12.0	13.3	14.8		55.0
		60.0	10.6	11.0				9.2	9.9	10.5			8.2	9.2	9.9			7.6	8.7	9.6	10.5		7.2	8.2	9.3	10.4		60.0
	65.0						6.3	6.6				5.2	5.9	6.3					5.5	6.1				5.0	5.8		65.0	
	70.0																										70.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	24~82	27~82	40~82	51~82	66~82	22~82	24~82	37~82	56~82	66~82	31~82	33~82	35~82	52~82	65~82	43~82	39~82	41~82	50~82	65~82	47~82	44~82	45~82	53~82	65~82	°	
		8	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

					
4段ESP+12.5mFB	2.5m+36mLJ	195 t	9.7m × 9.0m	360 °	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	18.0	67.5																								18.0	
		20.0	67.5				59.5																				20.0	
		22.0	67.5				59.5					52.3						45.0									22.0	
		24.0	67.5	61.1			59.5					52.3						45.0									24.0	
		26.0	61.3	57.7			59.5	58.5				52.3						45.0					38.6				26.0	
		28.0	55.3	54.6			54.0	55.5				52.3	52.3					45.0	45.0				38.6				28.0	
		30.0	50.1	51.8	46.4		48.8	52.8				47.5	51.8					45.0	45.0				38.6	38.6			30.0	
		32.0	45.6	49.0	44.5		44.2	47.9	45.2			42.9	46.9	45.7				42.7	45.0				38.6	38.6			32.0	
		34.0	41.5	44.7	42.7		40.1	43.6	43.5			38.8	42.5	44.1				38.6	42.4	45.0			38.2	38.6			34.0	
		36.0	37.8	40.8	41.1	34.7	36.4	39.7	41.9			35.1	38.6	41.9				34.9	38.5	41.9			34.9	37.9	38.6		36.0	
		38.0	34.5	37.3	39.7	33.7	33.1	36.1	39.0	34.3		31.8	35.1	38.2	34.7			31.6	35.0	38.2			31.6	34.3	37.5		38.0	
		40.0	31.5	34.1	36.6	32.8	27.0	30.1	33.0	35.7	33.4	28.9	31.9	34.8	33.9			28.6	31.8	34.8	35.6		28.5	31.1	34.3		40.0	
		42.0	28.8	31.2	33.5	32.0	26.5	27.4	30.0	32.6	32.6	27.0	26.1	29.0	31.7	33.1		25.9	28.8	31.7	34.8		25.8	28.2	31.2	35.1	42.0	
		44.0	26.3	28.6	30.7	31.2	26.1	24.9	27.4	29.7	31.9	26.6	23.7	26.3	28.8	32.2	27.0	23.4	26.2	28.8	32.4	28.2	23.3	25.6	28.3	32.0		44.0
		46.0	24.1	26.1	28.1	30.5	25.7	22.7	25.0	27.1	30.1	26.2	21.4	23.9	26.2	29.4	26.7	21.1	23.7	26.2	29.5	27.8	21.0	23.1	25.7	29.2	28.8	46.0
		48.0	22.0	23.9	25.7	28.1	25.4	20.6	22.7	24.7	27.4	25.9	19.3	21.6	23.8	26.7	26.3	19.0	21.5	23.8	26.8	27.5	18.8	20.9	23.3	26.5	28.8	48.0
		50.0	20.0	21.8	23.5	25.7	25.2	18.6	20.6	22.5	25.0	25.6	17.4	19.5	21.6	24.3	26.0	17.1	19.4	21.5	24.4	26.5	16.9	18.8	21.1	24.1	26.3	50.0
		55.0	15.8	17.3	18.6	20.2		14.4	16.1	17.6	19.5		13.1	15.0	16.7	18.8	20.2	12.8	14.8	16.6	18.9	20.5	12.6	14.2	16.2	18.6	20.4	55.0
		60.0	12.3	13.4	14.4	15.4		10.9	12.2	13.4	14.8		9.6	11.1	12.5	14.2		9.3	10.9	12.4	14.3		8.9	10.4	12.0	14.0		60.0
		65.0	9.3	10.1	10.7			7.9	8.9	9.8			6.6	7.8	8.9	10.1		6.2	7.6	8.8	10.2		5.9	7.1	8.4	10.0		65.0
	70.0	6.7					5.3	6.0	6.5				5.0	5.8						5.7				5.3	6.5		70.0	
	75.0																										75.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	21~82	35~82	38~82	50~82	67~82	30~82	33~82	35~82	54~82	69~82	42~82	39~82	42~82	51~82	65~82	45~82	49~82	46~82	55~82	68~82	49~82	52~82	49~82	52~82	69~82	°	
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4			
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		



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ラフィングジブ

					
4段ESP+12.5mFB	2.5m+63mLJ	195 t	9.7m x 9.0m	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°		
	m	28.0	25.0				24.7																				28.0		
		30.0	25.0				24.7					22.4															30.0		
		32.0	25.0				24.7					22.4						16.0									32.0		
		34.0	25.0				24.7					22.4						16.0					14.2				34.0		
		36.0	25.0				24.7					22.4						16.0					14.2				36.0		
		38.0	25.0	25.0			24.7	24.7				22.4						16.0					14.2				38.0		
		40.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0					14.2				40.0		
		42.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2			42.0		
		44.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2			44.0		
		46.0	25.0	25.0	25.0		24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2			46.0		
		48.0	25.0	25.0	24.0		24.7	24.7	24.3			22.4	22.4					16.0	16.0				14.2	14.2			48.0		
		50.0	24.0	25.0	23.1		22.8	24.7	23.4			21.6	22.4	22.4				16.0	16.0	16.0				14.2	14.2			50.0	
		55.0	19.7	22.4	21.0		18.4	21.4	21.4			17.2	20.5	21.7				16.0	16.0	16.0				14.2	14.2	14.2		55.0	
		60.0	16.1	18.5	19.3	16.3		14.8	17.4	19.6	16.6		13.6	16.4	19.3	16.9		12.7	15.7	16.0				12.5	14.2	14.2		60.0	
		65.0	13.0	15.1	17.2	15.3	12.1	11.7	14.0	16.4	15.6		10.4	13.0	15.5	15.9		9.6	12.3	15.0	16.0			9.3	11.6	14.2	14.2	65.0	
		70.0	10.3	12.1	14.0	14.3	11.5	9.0	11.1	13.1	14.7	11.8	7.8	10.0	12.3	15.0	12.0	6.9	9.3	11.7	15.0	12.2		6.6	8.6	11.1	14.2	70.0	
		75.0	7.9	9.5	11.1	13.3	11.1	6.6	8.5	10.2	12.7	11.3	5.4	7.4	9.4	12.1	11.6		6.7	8.8	11.7	11.8			6.1	8.3	11.4	12.3	75.0
		80.0	5.9	7.2	8.6	10.4			6.2	7.7	9.7	11.0		5.1	6.8	9.1	10.8				6.3	8.8	10.7			5.7	8.4	10.5	80.0
		85.0		5.2	6.2	7.5				5.4	7.0					6.4						6.1					5.8	7.4	85.0
		90.0																											90.0
		95.0																											95.0
		100.0																											100.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	43~82	43~82	48~82	53~82	69~82	50~82	51~82	51~82	56~82	65~82	52~82	54~82	58~82	59~82	68~82	57~82	59~82	60~82	61~82	69~82	60~82	61~82	62~82	62~82	63~82	66~82	°	
	t	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

					
4段ESP+12.5mFB	2.5m+72mLJ	195 t	9.7m x 9.0m	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
	m	30.0	20.5																									30.0	
		32.0	20.5				18.8					17.1																32.0	
		34.0	20.5				18.8					17.1						12.3										34.0	
		36.0	20.5				18.8					17.1						12.3										36.0	
		38.0	20.5				18.8					17.1						12.3						11.0				38.0	
		40.0	20.5				18.8					17.1						12.3						11.0				40.0	
		42.0	20.5	20.2			18.8					17.1						12.3						11.0				42.0	
		44.0	20.5	19.6			18.8	18.8				17.1	17.1					12.3						11.0				44.0	
		46.0	20.5	19.1			18.8	18.8				17.1	17.1					12.3	12.3					11.0				46.0	
		48.0	20.3	18.6			18.8	18.8				17.1	17.1					12.3	12.3					11.0	11.0			48.0	
		50.0	19.7	18.1			18.8	18.3				17.1	17.1					12.3	12.3					11.0	11.0			50.0	
		55.0	18.4	17.0	15.8		18.8	17.3	15.9			17.1	17.1	16.0				12.3	12.3					11.0	11.0			55.0	
		60.0	16.6	16.0	15.0		15.3	16.3	15.1			14.1	16.6	15.3				12.3	12.3	12.3				11.0	11.0	11.0		60.0	
		65.0	13.4	15.2	14.3	13.0		12.2	14.9	14.4			11.0	13.9	14.6			10.1	12.3	12.3				9.9	11.0	11.0		65.0	
		70.0	10.8	12.9	13.6	12.1		9.5	11.9	13.8	12.4		8.3	10.9	13.5	12.6		7.4	10.2	12.3	12.3			7.1	9.5	11.0	11.0	70.0	
		75.0	8.4	10.4	12.3	11.3	8.7	7.2	9.3	11.4	11.6	9.0	5.9	8.3	10.6	11.8		5.1	7.6	10.0	12.0			4.7	6.9	9.5	11.0	75.0	
		80.0	6.4	8.1	9.8	10.6	8.3	5.1	7.0	8.9	10.9	8.5	3.9	6.0	8.1	11.0	8.7	3.0	5.3	7.5	10.6	8.9			4.6	6.9	10.2	9.3	80.0
		85.0	4.5	6.0	7.5	9.5	7.9	3.3	4.9	6.6	8.9	8.2		3.9	5.8	8.3	8.4		3.2	5.2	7.9	8.5				4.6	7.5	9.0	85.0
		90.0		4.2	5.4	7.1			3.1	4.5	6.5				3.7	5.9	7.5				3.1	5.5	7.3				5.1	7.1	90.0
		95.0			3.5	4.7					4.1						3.6					3.2						4.4	95.0
		100.0																											100.0
		105.0																											105.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	ID	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	100	100	100	100	100	3
	°	45~82	47~82	46~82	51~82	68~82	48~82	49~82	54~82	55~82	70~82	53~82	55~82	56~82	58~82	66~82	55~82	57~82	58~82	60~82	68~82	60~82	62~82	62~82	63~82	66~82	65~82	°	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		



10



10



ラフイングジブ

						
4段ESP+12.5mFB	2.5m+27mLJ	164 t	9.7m x 9.0m		360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ m		36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	16.0	96.5																								16.0	
		18.0	89.5				82.8					71.1															18.0	
		20.0	78.8	83.3			77.5					71.1					59.6										20.0	
		22.0	69.8	74.0			68.5	72.9				67.8	71.1				59.1					50.7					22.0	
		24.0	62.2	66.0	64.5		60.8	64.9				60.1	64.4				58.5	59.8				50.2					24.0	
		26.0	55.6	59.1	61.7		54.3	58.0	61.6			53.5	57.5	61.2			52.8	56.9				49.6	50.5				26.0	
		28.0	49.9	53.1	56.2		48.6	52.0	55.3			47.8	51.4	54.9			47.1	50.9	54.4			47.2	49.7				28.0	
		30.0	44.9	47.9	50.7	47.3	43.6	46.7	49.7	48.1		42.8	46.2	49.3			42.1	45.6	48.9			42.2	45.0	48.4			30.0	
		32.0	40.5	43.2	45.8	46.0	37.7	39.2	42.1	44.8	46.9		38.4	41.5	44.4	48.4		37.7	40.9	43.9	48.0		37.7	40.4	43.5			32.0
		34.0	36.6	39.1	41.4	44.6	37.1	35.3	37.9	40.5	43.9	37.8	34.5	37.3	40.0	43.6	39.0	33.8	36.8	39.6	43.3		33.8	36.2	39.1	43.0		34.0
		36.0	33.1	35.4	37.5	40.4	36.5	31.8	34.2	36.6	39.6	37.2	30.9	33.6	36.1	39.4	38.5	30.3	33.0	35.6	39.1	39.0	30.2	32.5	35.2	38.8		36.0
		38.0	30.0	32.1	34.0	36.6	36.0	28.6	30.9	33.0	35.8	36.7	27.8	30.3	32.6	35.6	37.8	27.1	29.7	32.1	35.2	37.6	27.0	29.2	31.7	34.9	37.4	38.0
		40.0	27.1	29.0	30.8	33.1	34.6	25.7	27.9	29.8	32.4	34.1	24.9	27.2	29.3	32.1	34.0	24.2	26.6	28.9	31.8	33.9	24.1	26.1	28.5	31.5	33.7	40.0
		42.0	24.5	26.3	27.9	29.9	31.1	23.2	25.1	26.9	29.2	30.7	22.3	24.4	26.4	28.9	30.6	21.6	23.9	26.0	28.6	30.4	21.5	23.4	25.5	28.3	30.3	42.0
		44.0	22.2	23.8	25.2	27.0		20.8	22.6	24.2	26.3	27.5	19.9	21.9	23.7	26.0	27.4	19.3	21.4	23.3	25.7	27.3	19.1	20.8	22.9	25.4	27.2	44.0
		46.0	20.0	21.5	22.8	24.3		18.6	20.3	21.8	23.6		17.8	19.6	21.2	23.3	24.5	17.1	19.0	20.8	23.0	24.4	16.9	18.5	20.4	22.8	24.3	46.0
		48.0	18.0	19.3	20.5	21.8		16.6	18.2	19.5	21.1		15.8	17.5	19.0	20.8		15.1	16.9	18.6	20.5	21.7	14.9	16.4	18.1	20.3	21.7	48.0
		50.0	16.2	17.4	18.4	19.4		14.8	16.2	17.4	18.8		13.9	15.5	16.9	18.5		13.3	14.9	16.5	18.2		13.0	14.4	16.1	18.0	19.2	50.0
		55.0	12.2	13.0	13.7			10.8	11.9	12.7			9.9	11.1	12.2	13.3		9.2	10.6	11.8	13.2		8.9	10.1	11.5	13.0		55.0
		60.0	8.9	9.3				7.5	8.2	8.8			6.5	7.4	8.2			5.9	7.0	7.9	8.8		5.5	6.5	7.6	8.7		60.0
	65.0							5.0																			65.0	
	70.0																										70.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	24~82	27~82	40~82	51~82	66~82	33~82	24~82	37~82	56~82	66~82	38~82	41~82	43~82	52~82	65~82	43~82	46~82	48~82	50~82	65~82	47~82	49~82	51~82	53~82	65~82	°	
		8	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

						
4段ESP+12.5mFB	2.5m+36mLJ	164 t	9.7m × 9.0m		360 °	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	18.0	67.5																								18.0	
		20.0	67.5				59.5																				20.0	
		22.0	67.5				59.5					52.3						45.0									22.0	
		24.0	64.4	61.1			59.5					52.3						45.0									24.0	
		26.0	57.8	57.7			56.5	58.5				52.3						45.0					38.6				26.0	
		28.0	52.1	54.6			50.7	55.1				49.4	52.3					45.0	45.0				38.6				28.0	
		30.0	47.1	50.8	46.4		45.7	49.7				44.4	48.7					44.2	45.0				38.6	38.6			30.0	
		32.0	42.6	46.1	44.5		41.3	45.0	45.2			40.0	44.0	45.7				39.7	43.9				38.6	38.6			32.0	
		34.0	38.7	41.9	42.7		37.3	40.8	43.5			36.0	39.7	43.3				35.8	39.6	43.3				35.8	38.6			34.0
		36.0	35.2	38.1	41.1	34.7	33.8	37.0	40.1			32.5	36.0	39.3				32.2	35.8	39.3				32.3	35.2	38.6		36.0
		38.0	32.0	34.8	37.5	33.7		30.6	33.6	36.5	34.3		29.3	32.5	35.7	34.7		29.1	32.4	35.7				29.0	31.8	35.2		38.0
		40.0	29.1	31.7	34.2	32.8	27.0	27.7	30.5	33.2	33.4		26.4	29.4	32.4	33.9		26.2	29.3	32.4	35.6			26.1	28.7	31.9		40.0
		42.0	26.5	28.9	31.2	32.0	26.5	25.1	27.7	30.3	32.6	27.0	23.8	26.6	29.4	33.1		23.5	26.5	29.3	33.2			23.4	25.9	28.8	32.8	42.0
		44.0	24.1	26.3	28.5	31.2	26.1	22.7	25.2	27.5	30.7	26.6	21.4	24.1	26.6	30.0	27.0	21.1	23.9	26.6	30.1	28.2	21.0	23.3	26.1	29.8		44.0
		46.0	21.9	24.0	26.0	28.6	25.7	20.5	22.8	25.0	27.9	26.2	19.2	21.7	24.1	27.3	26.7	19.0	21.6	24.0	27.4	27.8	18.8	21.0	23.6	27.0	28.8	46.0
		48.0	19.9	21.8	23.7	26.1	25.4	18.5	20.6	22.7	25.4	25.9	17.2	19.5	21.7	24.7	26.3	16.9	19.4	21.7	24.8	27.1	16.7	18.8	21.2	24.5	26.9	48.0
		50.0	18.0	19.8	21.5	23.7	25.2	16.6	18.6	20.5	23.0	24.7	15.3	17.5	19.6	22.3	24.3	15.1	17.4	19.5	22.4	24.5	14.9	16.8	19.1	22.1	24.3	50.0
		55.0	14.0	15.4	16.8	18.4		12.6	14.2	15.8	17.7		11.3	13.1	14.8	17.0	18.4	11.0	12.9	14.8	17.1	18.6	10.7	12.4	14.3	16.8	18.5	55.0
		60.0	10.6	11.7	12.7	13.7		9.2	10.5	11.7	13.1		7.9	9.4	10.8	12.5		7.5	9.2	10.7	12.6		7.2	8.7	10.3	12.3		60.0
		65.0	7.7	8.5	9.1			6.3	7.3	8.2			5.0	6.2	7.3	8.5				6.0	7.3	8.6			5.5	6.9	8.4	
	70.0	5.2								5.1																5.0		70.0
	75.0																										75.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	3	
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	21~82	35~82	38~82	50~82	67~82	38~82	41~82	35~82	54~82	69~82	42~82	45~82	48~82	51~82	65~82	50~82	49~82	52~82	55~82	67~82	53~82	52~82	54~82	52~82	69~82	°	
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4		
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

The diagram shows a three-phase power supply system. A transformer is connected to a three-phase line. The line is connected to three phase-to-phase loads, each represented by a box with a diagonal line and a circle. The loads are connected in a star configuration.

A diagram showing a rectangular block labeled 't' hanging from a horizontal line by two diagonal lines that meet at a small circle on the line.

A schematic diagram of a three-phase motor. It shows three input lines on the left connected to three terminals at the top. These terminals are connected to a central switching mechanism. Below this mechanism are two sets of motor terminals. The top set is connected to the switching mechanism via three lines, and the bottom set is connected via three lines. The switching mechanism is labeled with 'Y' and 'Δ' symbols, indicating star and delta connections.



ラフィングジブ

 4段ESP+12.5mFB	 2.5m+63mLJ	 164 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°		
 m	28.0	25.0				24.7																				28.0		
	30.0	25.0				24.7					22.4															30.0		
	32.0	25.0				24.7					22.4						16.0									32.0		
	34.0	25.0				24.7					22.4						16.0					14.2				34.0		
	36.0	25.0				24.7					22.4						16.0					14.2				36.0		
	38.0	25.0	25.0			24.7	24.7				22.4						16.0					14.2				38.0		
	40.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0					14.2				40.0		
	42.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2			42.0		
	44.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2			44.0		
	46.0	25.0	25.0	25.0		24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2			46.0		
	48.0	24.0	25.0	24.0		22.7	24.7	24.3			21.5	22.4					16.0	16.0				14.2	14.2			48.0		
	50.0	22.1	25.0	23.1		20.8	24.2	23.4			19.6	22.4	22.4				16.0	16.0	16.0				14.2	14.2			50.0	
	55.0	17.9	20.6	21.0		16.6	19.6	21.4			15.4	18.7	21.7				14.5	16.0	16.0				14.2	14.2	14.2		55.0	
	60.0	14.4	16.8	19.2	16.3		13.1	15.8	18.4	16.6		11.9	14.8	17.6	16.9		11.0	14.0	16.0				10.8	13.4	14.2		60.0	
	65.0	11.4	13.5	15.7	15.3	12.1	10.1	12.5	14.8	15.6		8.9	11.5	14.0	15.9		8.0	10.7	13.4	16.0			7.8	10.0	12.9	14.2	65.0	
	70.0	8.8	10.7	12.5	14.3	11.5	7.5	9.6	11.7	14.6	11.8		6.3	8.6	10.8	14.0	12.0	5.4	7.9	10.2	13.6	12.2	5.1	7.2	9.7	13.2	70.0	
	75.0	6.6	8.2	9.8	12.0	11.1	5.3	7.1	8.9	11.4	11.3			6.1	8.0	10.8	11.6		5.3	7.4	10.4	11.8			6.9	10.0	12.3	75.0
	80.0		5.9	7.3	9.1				6.4	8.5	9.9				5.5	7.9	9.5			5.0	7.5	9.4				7.1	9.2	80.0
	85.0			5.0	6.3					5.8					5.2												6.2	85.0
	90.0																											90.0
	95.0																											95.0
	100.0																											100.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	ID	
 °	48~82	48~82	48~82	53~82	69~82	50~82	55~82	56~82	56~82	65~82	56~82	57~82	58~82	59~82	68~82	57~82	59~82	60~82	65~82	69~82	60~82	64~82	64~82	65~82	67~82	66~82	°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

 4段ESP+12.5mFB	 2.5m+72mLJ	 164 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
 m	30.0	20.5																								30.0	
	32.0	20.5					18.8					17.1														32.0	
	34.0	20.5					18.8					17.1					12.3									34.0	
	36.0	20.5					18.8					17.1					12.3									36.0	
	38.0	20.5					18.8					17.1					12.3					11.0				38.0	
	40.0	20.5					18.8					17.1					12.3					11.0				40.0	
	42.0	20.5	20.2				18.8					17.1					12.3					11.0				42.0	
	44.0	20.5	19.6				18.8	18.8				17.1	17.1				12.3					11.0				44.0	
	46.0	20.5	19.1				18.8	18.8				17.1	17.1				12.3	12.3				11.0				46.0	
	48.0	20.3	18.6				18.8	18.8				17.1	17.1				12.3	12.3				11.0	11.0			48.0	
	50.0	19.7	18.1				18.8	18.3				17.1	17.1				12.3	12.3				11.0	11.0			50.0	
	55.0	18.4	17.0	15.8			17.2	17.3	15.9			15.9	17.1	16.0			12.3	12.3				11.0	11.0			55.0	
	60.0	14.9	16.0	15.0			13.6	16.3	15.1			12.4	15.7	15.3			11.5	12.3	12.3			11.0	11.0	11.0		60.0	
	65.0	11.9	14.3	14.3	13.0		10.6	13.3	14.4			9.4	12.3	14.6			8.5	11.6	12.3			8.3	10.9	11.0		65.0	
	70.0	9.3	11.5	13.6	12.1		8.0	10.5	12.9	12.4		6.8	9.5	12.1	12.6		5.9	8.7	11.5	12.3		5.7	8.0	10.9	11.0	70.0	
	75.0	7.1	9.0	10.9	11.3	8.7	5.8	7.9	10.1	11.6	9.0	4.6	6.9	9.3	11.8		3.7	6.2	8.7	12.0			5.5	8.1	11.0	75.0	
	80.0	5.1	6.8	8.5	10.6	8.3	3.8	5.7	7.6	10.3	8.5		4.7	6.8	9.7	8.7		4.0	6.2	9.3	8.9			5.6	8.9	9.3	80.0
	85.0	3.3	4.8	6.3	8.3	7.9		3.7	5.4	7.7	8.2			4.5	7.1	8.4			4.0	6.7	8.5			3.4	6.3	8.8	85.0
	90.0		3.0	4.3	5.9				3.4	5.3					4.7	6.3					4.3	6.2			4.0	6.0	90.0
	95.0				3.6					3.0																3.4	95.0
	100.0																										100.0
	105.0																										105.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	45~82	47~82	52~82	51~82	68~82	51~82	53~82	54~82	55~82	70~82	56~82	59~82	60~82	62~82	66~82	58~82	60~82	62~82	64~82	68~82	63~82	65~82	63~82	66~82	65~82	°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

					
4段ESP+12.5mFB	2.5m+81mLJ	164 t	9.7m x 9.0m	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	34.0	15.0				13.8																				34.0	
	36.0	15.0					13.8					12.6															36.0	
	38.0	15.0					13.8					12.6					9.1										38.0	
	40.0	15.0					13.8					12.6					9.1										40.0	
	42.0	15.0					13.8					12.6					9.1					8.1					42.0	
	44.0	15.0					13.8					12.6					9.1					8.1					44.0	
	46.0	15.0	15.0				13.8					12.6					9.1					8.1					46.0	
	48.0	15.0	15.0				13.8	13.8				12.6	12.6				9.1					8.1					48.0	
	50.0	15.0	15.0				13.8	13.8				12.6	12.6				9.1	9.1				8.1					50.0	
	55.0	15.0	15.0				13.8	13.8				12.6	12.6				9.1	9.1				8.1	8.1				55.0	
	60.0	14.9	15.0	14.9			13.7	13.8	13.8			12.5	12.6	12.6			9.1	9.1				8.1	8.1				60.0	
	65.0	11.9	14.6	13.5			10.7	13.6	13.7			9.5	12.6	12.6			8.5	9.1	9.1			8.1	8.1	8.1			65.0	
	70.0	9.3	11.8	12.3			8.1	10.8	12.5			6.9	9.8	12.6			6.0	9.1	9.1			5.7	8.1	8.1			70.0	
	75.0	7.0	9.3	11.2	9.3		5.8	8.2	10.7	9.5		4.6	7.3	9.9	9.6			6.5	9.1				5.7	8.1			75.0	
	80.0	5.1	7.0	9.1	8.5		3.8	6.0	8.2	8.8			5.0	7.4	9.0			4.3	6.8	9.1				6.2	8.1		80.0	
	85.0	3.3	5.1	6.9	7.9	5.8			4.0	6.0	8.2	6.0		3.0	5.2	8.3	6.2			4.6	7.9					7.5		85.0
	90.0		3.3	4.9	7.2	5.4				4.0	6.6	5.7			3.2	6.0	5.8				5.6	6.0				5.1	6.4	90.0
	95.0			3.1	5.0	5.2					4.4	5.4				3.8	5.6				3.4	5.6					5.3	95.0
100.0															3.3						3.1						100.0	
105.0																											105.0	
110.0																											110.0	
115.0																											115.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
ID	17	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID
	°	51~82	53~82	55~82	62~82	67~82	56~82	59~82	61~82	64~82	69~82	60~82	60~82	62~82	65~82	65~82	64~82	64~82	67~82	67~82	67~82	66~82	68~82	70~82	71~82	73~82	°	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

					
4段ESP+12.5mFB	2.5m+27mLJ	127 t	9.7m x 9.0m	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さm		36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	16.0	96.5																								16.0	
		18.0	83.9				82.6					71.1															18.0	
		20.0	73.6	78.1			72.3					71.1					59.6										20.0	
		22.0	64.9	69.2			63.6	68.1				62.9	67.6				59.1					50.7					22.0	
		24.0	57.6	61.5	64.5		56.3	60.4				55.5	59.9				54.8	59.3				50.2					24.0	
		26.0	51.3	54.8	58.2		50.0	53.7	57.3			49.2	53.2	57.0			48.5	52.6				48.7	50.5				26.0	
		28.0	45.9	49.1	52.2		44.5	48.0	51.3			43.7	47.4	50.9			43.0	46.8	50.4			43.2	46.3				28.0	
		30.0	41.1	44.1	46.9	47.3	39.7	42.9	45.9	48.1		39.0	42.3	45.5			38.2	41.7	45.1			38.3	41.2	44.6			30.0	
		32.0	36.8	39.6	42.2	45.5	37.7	35.3	38.4	41.2	44.9		34.4	37.8	40.8	44.7		33.6	37.1	40.3	44.3		33.6	36.5	39.9		32.0	
		34.0	32.5	35.2	37.5	40.6	37.1	31.0	33.9	36.6	39.9	37.8	30.1	33.2	36.1	39.7	39.0	29.4	32.6	35.6	39.3		29.3	32.0	35.1	39.0		34.0
		36.0	28.8	31.2	33.5	36.2	36.5	27.3	29.9	32.4	35.5	37.2	26.4	29.2	31.9	35.3	37.6	25.6	28.6	31.4	35.0	37.5	25.6	28.0	30.9	34.7		36.0
		38.0	25.5	27.7	29.7	32.3	34.0	24.0	26.4	28.7	31.6	33.6	23.1	25.7	28.1	31.3	33.5	22.4	25.1	27.6	31.0	33.3	22.3	24.5	27.2	30.6	33.1	38.0
		40.0	22.5	24.5	26.4	28.7	30.3	21.1	23.3	25.4	28.0	29.8	20.2	22.6	24.8	27.6	29.6	19.5	22.0	24.3	27.3	29.5	19.3	21.4	23.9	27.0	29.3	40.0
		42.0	19.9	21.7	23.4	25.5	26.7	18.5	20.5	22.4	24.7	26.2	17.6	19.8	21.8	24.4	26.1	16.9	19.2	21.3	24.1	26.0	16.7	18.7	20.9	23.8	25.8	42.0
		44.0	17.6	19.2	20.7	22.5		16.1	18.0	19.7	21.8	23.0	15.2	17.3	19.1	21.4	22.9	14.5	16.7	18.7	21.1	22.8	14.4	16.2	18.2	20.9	22.7	44.0
		46.0	15.4	16.9	18.3	19.8		14.0	15.7	17.3	19.1		13.1	15.0	16.7	18.7	19.9	12.4	14.4	16.2	18.5	19.9	12.2	13.9	15.8	18.2	19.8	46.0
		48.0	13.5	14.8	16.0	17.3		12.1	13.6	15.0	16.6		11.2	12.9	14.4	16.3		10.5	12.4	14.0	16.0	17.2	10.3	11.8	13.6	15.8	17.2	48.0
		50.0	11.8	12.9	14.0	15.0		10.4	11.8	13.0	14.4		9.4	11.0	12.4	14.0		8.8	10.5	12.0	13.8		8.5	10.0	11.6	13.6	14.7	50.0
		55.0	8.0	8.8	9.4			6.6	7.7	8.5			5.6	6.9	8.0	9.0			6.4	7.6	8.9					8.8		55.0
		60.0		5.3																								60.0
	65.0																										65.0	
	70.0																										70.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	35~82	27~82	40~82	51~82	66~82	40~82	44~82	46~82	56~82	66~82	45~82	48~82	50~82	52~82	65~82	53~82	51~82	53~82	56~82	65~82	56~82	58~82	61~82	59~82	65~82	°	
		8	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

ラフィングジブ

 4段ESP+12.5mFB	 2.5m+36mLJ	 127 t	 9.7m × 9.0m	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	18.0	67.5																									18.0
	20.0	67.5					59.5																				20.0
	22.0	67.3					59.5					52.3					45.0										22.0
	24.0	59.9	61.1				58.5					52.3					45.0										24.0
	26.0	53.6	57.7				52.2	57.0				50.9					45.0						38.6				26.0
	28.0	48.1	52.2				46.7	51.1				45.4	50.1				45.0	45.0					38.6				28.0
	30.0	43.3	47.0	46.4			41.9	45.9				40.6	44.9				40.4	44.8					38.6	38.6			30.0
	32.0	39.0	42.5	44.5			37.6	41.4	45.1			36.3	40.4	44.2			36.1	40.3					36.2	38.6			32.0
	34.0	35.0	38.3	41.3			33.5	37.2	40.5			32.2	36.2	39.7			31.8	36.0	39.7				31.9	35.3			34.0
	36.0	31.2	34.4	37.2	34.7		29.7	33.2	36.3			28.4	32.1	35.5			28.0	31.9	35.5				28.0	31.2	35.0		36.0
	38.0	27.8	30.8	33.5	33.7		26.4	29.6	32.6	34.3		25.0	28.4	31.7	34.7		24.7	28.2	31.6				24.6	27.6	31.1		38.0
	40.0	24.8	27.6	30.2	32.8	27.0	23.4	26.4	29.2	32.8		22.0	25.2	28.3	32.2		21.7	25.0	28.2	32.3			21.6	24.4	27.7		40.0
	42.0	22.2	24.7	27.1	30.2	26.5	20.7	23.5	26.1	29.6	27.0	19.4	22.3	25.2	29.0		19.0	22.1	25.1	29.0			18.9	21.5	24.6	28.7	42.0
	44.0	19.8	22.1	24.3	27.2	26.1	18.3	20.9	23.3	26.5	26.6	17.0	19.8	22.4	25.9	27.0	16.7	19.5	22.3	25.9	28.2	16.5	18.9	21.8	25.6		44.0
	46.0	17.6	19.7	21.8	24.5	25.7	16.2	18.5	20.8	23.7	26.0	14.8	17.4	19.8	23.1	25.6	14.5	17.2	19.7	23.1	25.7	14.3	16.6	19.2	22.8	25.5	46.0
	48.0	15.6	17.6	19.5	21.9	23.6	14.2	16.4	18.5	21.2	23.2	12.9	15.3	17.5	20.5	22.7	12.5	15.1	17.4	20.5	22.9	12.4	14.4	16.9	20.2	22.7	48.0
	50.0	13.8	15.6	17.3	19.5	21.0	12.4	14.4	16.3	18.8	20.5	11.1	13.3	15.4	18.1	20.1	10.8	13.1	15.3	18.2	20.3	10.5	12.5	14.8	17.9	20.1	50.0
	55.0	9.9	11.4	12.7	14.3		8.5	10.2	11.7	13.6		7.3	9.1	10.8	13.0	14.3	6.9	8.9	10.7	13.0	14.6		8.3	10.3	12.7	14.5	55.0
	60.0	6.8	7.9	8.9	9.9		5.4	6.7	7.9	9.3			5.6	7.0	8.7				6.9	8.7				6.5	8.5		60.0
	65.0			5.5																5.0							65.0
	70.0																										70.0
	75.0																										75.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °		39~82	43~82	38~82	50~82	67~82	44~82	48~82	51~82	54~82	69~82	52~82	51~82	54~82	57~82	65~82	55~82	58~82	57~82	55~82	67~82	61~82	60~82	59~82	62~82	69~82	°
 t		6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4		
 t		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

 4段ESP+12.5mFB	 2.5m+45mLJ	 127 t	 9.7m × 9.0m	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m				
合計ブーム長さ m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m				
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°					
 m	22.0	48.4				43.3																					22.0				
	24.0	48.4				43.3					38.7																24.0				
	26.0	48.4				43.3					38.7										33.8						26.0				
	28.0	48.4	48.4			43.3					38.7										33.8			29.4			28.0				
	30.0	45.0	46.0			43.3	43.3				38.7										33.8			29.4			30.0				
	32.0	40.7	43.6			39.4	43.3				38.1	38.7									33.8	33.8		29.4			32.0				
	34.0	36.9	40.8			35.6	39.8				34.3	38.7									33.3	33.8		29.4	29.4		34.0				
	36.0	33.2	36.8	35.8		31.8	35.8	36.2			30.4	34.8									29.4	33.8		29.4	29.4		36.0				
	38.0	29.7	33.2	34.4		28.3	32.2	34.9			27.0	31.1	34.9								26.0	30.3		26.0	29.4		38.0				
	40.0	26.7	30.0	33.0		25.3	28.9	32.2			24.0	27.8	31.5								23.0	27.0	30.9		23.0	26.3	29.4	40.0			
	42.0	24.0	27.0	30.0		22.6	25.9	29.2			21.2	24.8	28.3								20.3	24.1	27.7		20.3	23.4	27.1	42.0			
	44.0	21.5	24.4	27.2	26.1	20.1	23.3	26.3	26.5		18.8	22.2	25.4								17.9	21.4	24.8		17.8	20.7	24.3	44.0			
	46.0	19.3	22.0	24.6	25.4		17.9	20.8	23.7	25.8		16.6	19.8	22.8	26.2						15.7	19.0	22.2		15.6	18.3	21.7	46.0			
	48.0	17.3	19.8	22.2	24.7		15.9	18.7	21.3	25.0		14.6	17.6	20.4	24.4						13.7	16.8	19.8	24.0		13.6	16.2	19.3	48.0		
	50.0	15.5	17.8	20.1	23.2	19.8	14.1	16.6	19.1	22.5	20.2	12.8	15.6	18.3	21.9						11.9	14.8	17.7	21.5		11.7	14.2	17.1	21.1	50.0	
	55.0	11.5	13.5	15.3	17.9	19.0	10.1	12.3	14.4	17.2	19.4	8.8	11.2	13.5	16.6	19.0					8.0	10.5	12.9	16.2	18.8	7.7	9.9	12.4	15.8	18.6	55.0
	60.0	8.2	9.9	11.4	13.4	14.8	6.9	8.7	10.5	12.8	14.4	5.6	7.7	9.6	12.1	14.0					7.0	9.0	11.8	13.8			8.5	11.4	13.6	60.0	
	65.0	5.5	6.8	8.1	9.5			5.7	7.1	8.9				6.3	8.3							5.7	8.0	9.5				7.7	9.4	65.0	
	70.0																													70.0	
	75.0																													75.0	
	80.0																													80.0	
	85.0																													85.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1				
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2				
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3				
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID			
 °		43~82	47~82	45~82	56~82	66~82	51~82	51~82	55~82	53~82	68~82	54~82	58~82	57~82	56~82	70~82	59~82	60~82	59~82	64~82	66~82	62~82	65~82	65~82	65~82	68~82	°				
t		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					
t		80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t					

					
4段ESP+12.5mFB	2.5m+54mLJ	127 t	9.7m x 9.0m	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°
	m	24.0	36.2																								24.0
		26.0	36.2				32.7																				26.0
		28.0	36.2				32.7					29.6						26.2									28.0
		30.0	36.2				32.7					29.6						26.2									30.0
		32.0	36.2				32.7					29.6						26.2				22.0					32.0
		34.0	36.2	36.2			32.7	32.7				29.6						26.2				21.0					34.0
		36.0	34.2	34.5			32.7	32.7				29.6	29.6					26.2				19.8					36.0
		38.0	30.8	32.8			29.4	32.7				28.0	29.6					26.2	26.2			19.2	19.2				38.0
		40.0	27.7	31.3			26.3	30.5				25.0	29.4					24.0	26.2			18.5	18.5				40.0
		42.0	25.0	28.5	27.4		23.6	27.5	27.7			22.2	26.4					21.3	25.6			18.1	18.1				42.0
		44.0	22.5	25.8	26.3		21.1	24.8	26.7			19.8	23.7	27.0				18.8	22.9	26.2		17.9	17.8				44.0
		46.0	20.2	23.4	25.4		18.9	22.3	25.6			17.5	21.2	24.8				16.6	20.5	24.2		16.5	17.3	17.7			46.0
		48.0	18.2	21.1	24.0		16.8	20.1	23.2			15.5	19.0	22.4				14.6	18.2	21.8		14.5	17.0	17.4			48.0
		50.0	16.3	19.1	21.8	20.0		15.0	18.0	21.0		13.7	17.0	20.2				12.7	16.2	19.6		12.6	15.5	16.8			50.0
		55.0	12.3	14.7	17.1	18.7		11.0	13.6	16.2	19.0		9.7	12.5	15.3	19.2		8.8	11.8	14.7	18.8		8.6	11.1	14.2		55.0
		60.0	9.0	11.1	13.1	15.9	14.3	7.7	10.0	12.2	15.3	14.6	6.4	8.9	11.3	14.7	14.9		8.2	10.7	14.3		10.2	13.9			60.0
		65.0	6.3	8.0	9.8	12.1	13.7	5.0	6.9	8.8	11.5	13.5		5.9	7.9	10.8	13.1			7.4	10.4	12.9			10.0	12.6	65.0
		70.0		5.4	6.9	8.7				5.9	8.1	9.6			5.0	7.5	9.2				7.1	9.0			6.7	8.8	70.0
		75.0				5.7					5.1											5.6					75.0
		80.0																									80.0
		85.0																									85.0
		90.0																									90.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
	°	50~82	51~82	55~82	54~82	71~82	53~82	58~82	58~82	58~82	67~82	58~82	59~82	60~82	65~82	69~82	63~82	65~82	65~82	67~82	65~82	65~82	69~82	70~82	68~82	72~82	°
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

					
4段ESP+12.5mFB	2.5m+63mLJ	127 t	9.7m x 9.0m	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
	m	28.0	25.0				24.7																				28.0	
		30.0	25.0				24.7					22.4															30.0	
		32.0	25.0				24.7					22.4						16.0									32.0	
		34.0	25.0				24.7					22.4						16.0					14.2				34.0	
		36.0	25.0				24.7					22.4						16.0					14.2				36.0	
		38.0	25.0	25.0			24.7	24.7				22.4						16.0					14.2				38.0	
		40.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0					14.2				40.0	
		42.0	25.0	25.0			24.7	24.7				22.4	22.4					16.0	16.0				14.2	14.2			42.0	
		44.0	24.8	25.0			23.5	24.7				22.2	22.4					16.0	16.0				14.2	14.2			44.0	
		46.0	22.5	25.0	25.0		21.2	24.7				19.9	22.4					16.0	16.0				14.2	14.2			46.0	
		48.0	20.4	23.7	24.0		19.1	22.8	24.3			17.9	21.8					16.0	16.0				14.2	14.2			48.0	
		50.0	18.5	21.7	23.1		17.2	20.7	23.4			16.0	19.7	22.4				15.0	16.0	16.0			14.2	14.2			50.0	
		55.0	14.4	17.2	19.9		13.2	16.2	19.2			11.9	15.2	18.4				11.0	14.5	16.0			10.9	13.8	14.2		55.0	
		60.0	11.1	13.5	15.9	16.3		9.8	12.5	15.1	16.6		8.6	11.5	14.3	16.9		7.7	10.7	13.7			7.5	10.1	13.2		60.0	
		65.0	8.3	10.4	12.5	15.3	12.1	7.0	9.3	11.6	14.9		5.8	8.3	10.8	14.4			7.6	10.2	14.0			6.9	9.7	13.6	65.0	
		70.0	5.9	7.7	9.5	12.1	11.5		6.7	8.7	11.5	11.8		5.7	7.9	10.9	12.0			7.3	10.5	12.2			6.7	10.2	70.0	
		75.0		5.4	7.0	9.1	10.7			6.1	8.5	10.4			5.3	7.9	10.0					7.5	9.8			7.2	9.6	75.0
		80.0				6.4					5.8	7.1				5.2	6.8						6.7				6.5	80.0
		85.0																										85.0
		90.0																										90.0
		95.0																										95.0
		100.0																										100.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
		2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID	
	°	52~82	53~82	58~82	59~82	69~82	57~82	59~82	60~82	62~82	65~82	59~82	61~82	62~82	64~82	67~82	63~82	65~82	67~82	69~82	69~82	69~82	66~82	67~82	68~82	71~82	71~82	°
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

ラフィングジブ

 4段ESP+12.5mFB	 2.5m+72mLJ	 127 t	 9.7m × 9.0m	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	30.0	20.5																									30.0
	32.0	20.5									17.1																32.0
	34.0	20.5									17.1								12.3								34.0
	36.0	20.5									17.1								12.3								36.0
	38.0	20.5									17.1								12.3				11.0				38.0
	40.0	20.5									17.1								12.3				11.0				40.0
	42.0	20.5	20.2								17.1								12.3				11.0				42.0
	44.0	20.5	19.6								17.1	17.1							12.3				11.0				44.0
	46.0	20.5	19.1								17.1	17.1							12.3	12.3			11.0				46.0
	48.0	20.3	18.6								17.1	17.1							12.3	12.3			11.0	11.0			48.0
	50.0	19.2	18.1								16.8	17.1							12.3	12.3			11.0	11.0			50.0
	55.0	15.1	17.0	15.8							13.9	17.2	15.9						11.7	12.3			11.0	11.0			55.0
	60.0	11.8	14.5	15.0							10.5	13.5	15.1						9.3	12.5	15.3		8.2	11.0	11.0		60.0
	65.0	8.9	11.3	13.7	13.0						7.7	10.3	13.0						6.5	9.4	12.2		8.6	11.6	7.9	11.0	65.0
	70.0	6.5	8.6	10.8	12.1						5.3	7.6	10.0	12.4					6.7	9.2	12.6		8.6	12.3	8.1	11.0	70.0
	75.0	4.5	6.3	8.2	10.9	8.7					5.3	7.4	10.4	9.0					6.6	9.8			6.0	9.4		9.0	75.0
	80.0		4.3	5.9	8.3	8.3					5.1	7.7	8.5						7.1	8.7			6.7	8.9		6.4	80.0
	85.0			3.9	5.9	7.4					5.3	7.1							4.7	6.7			6.5				85.0
	90.0				3.7															4.0							90.0
	95.0																										95.0
	100.0																										100.0
	105.0																										105.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	53~82	55~82	56~82	58~82	68~82	58~82	61~82	62~82	65~82	70~82	62~82	65~82	67~82	67~82	66~82	66~82	69~82	68~82	72~82	73~82	68~82	70~82	72~82	73~82	74~82	°	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t		

 4段ESP+12.5mFB	 2.5m+81mLJ	 127 t	 9.7m × 9.0m	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さm	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°	
 m	34.0	15.0				13.8																					34.0
	36.0	15.0				13.8					12.6																36.0
	38.0	15.0				13.8					12.6							9.1									38.0
	40.0	15.0				13.8					12.6							9.1									40.0
	42.0	15.0				13.8					12.6							9.1					8.1				42.0
	44.0	15.0				13.8					12.6							9.1					8.1				44.0
	46.0	15.0	15.0			13.8					12.6							9.1					8.1				46.0
	48.0	15.0	15.0			13.8	13.8				12.6	12.6						9.1					8.1				48.0
	50.0	15.0	15.0			13.8	13.8				12.6	12.6						9.1	9.1				8.1				50.0
	55.0	15.0	15.0			13.8	13.8				12.6	12.6						9.1	9.1				8.1	8.1			55.0
	60.0	11.9	14.9	14.9		10.7	13.8	13.8			9.5	12.6	12.6					8.6	9.1					8.1			60.0
	65.0	9.1	11.7	13.5		7.9	10.8	13.7			6.7	9.9	12.6						9.1	9.1				8.1	8.1		65.0
	70.0	6.7	9.0	11.5		5.5	8.1	10.7				7.1	10.0							9.1					8.1		70.0
	75.0	4.6	6.7	8.9	9.3			5.7	8.1	9.5				7.4	9.6					6.8							75.0
	80.0		4.7	6.6	8.5				5.8	8.8					8.4							8.0					80.0
	85.0			4.6	7.1	5.8					6.6	6.0				6.0	6.2				5.6						85.0
	90.0				5.0	5.4					4.4	5.7					5.8										90.0
	95.0				3.0	4.4						4.0															95.0
	100.0																										100.0
	105.0																										105.0
	110.0																										110.0
	115.0																										115.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		100	100	100			1
	2	0	0	0	0	0	50	50	50	50	100	100	100	100	100	100	100	100	100	100		100	100	100			2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	100	100	100	100			3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16			11	11	11		
 °	57~82	60~82	63~82	62~82	67~82	62~82	65~82	67~82	68~82	69~82	65~82	69~82	71~82	73~82	75~82	69~82	72~82	72~82	74~82			73~82	73~82	76~82			°
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			2	2	2			
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t			25t	25t	25t			



2.5m+27mLJ



94 t



9.7m x 9.0m



360



JPN



2.5m+36mLJ



94 t



9.7m x 9.0m



360



JPN

ラフィングジブ

 4段ESP+12.5mFB	 2.5m+45mLJ	 94 t	 9.7m x 9.0m	 360°	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さm		36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°		
	m	22.0	48.4				43.3																				22.0		
	24.0	48.4				43.3						38.7															24.0		
	26.0	47.3				43.3						38.7					33.8										26.0		
	28.0	41.4	45.6			40.1						38.7					33.8					29.4					28.0		
	30.0	36.5	40.8			35.1	39.9					33.7					32.7					29.4					30.0		
	32.0	32.2	36.3			30.7	35.3					29.4	34.4				28.3	33.7				28.5					32.0		
	34.0	28.3	32.3			26.9	31.3					25.6	30.3				24.6	29.5				24.7	28.8				34.0		
	36.0	25.0	28.8	31.8		23.6	27.7	31.4				22.2	26.7				21.3	25.9				21.3	25.2				36.0		
	38.0	22.1	25.6	28.9		20.7	24.5	28.1				19.3	23.4	27.4			18.4	22.7				18.4	21.9				38.0		
	40.0	19.5	22.8	25.9		18.1	21.6	25.1				16.7	20.6	24.3			15.8	19.8	23.7			15.8	19.1	23.1			40.0		
	42.0	17.1	20.2	23.2		15.7	19.1	22.3				14.4	18.0	21.5			13.5	17.2	20.9			13.4	16.5	20.3			42.0		
	44.0	15.0	17.9	20.7	24.1	13.6	16.8	19.8	23.7			12.3	15.7	18.9			11.4	14.9	18.3			11.3	14.2	17.8			44.0		
	46.0	13.1	15.8	18.4	22.0	11.7	14.7	17.5	21.4			10.4	13.6	16.6	20.8		9.5	12.8	16.0				12.1	15.5			46.0		
	48.0	11.4	13.9	16.3	19.7		10.0	12.7	15.4	19.1		8.7	11.7	14.5	18.5			10.9	13.9	18.1			10.3	13.4	17.7		48.0		
	50.0	9.8	12.1	14.4	17.5	19.8	8.4	11.0	13.5	16.9	19.7		9.9	12.6	16.3			9.2	12.0	15.9				11.5	15.5		50.0		
	55.0	6.4	8.4	10.3	12.8	14.8		7.2	9.3	12.2	14.4			8.4	11.5	14.0			7.9	11.1	13.7				10.7	13.5	55.0		
	60.0		5.2	6.8	8.8	10.1				5.8	8.1	9.8				7.5	9.4				7.1	9.2					9.0	60.0	
	65.0				5.3																							65.0	
	70.0																											70.0	
	75.0																											75.0	
	80.0																											80.0	
	85.0																											85.0	
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	100	100	100	100	100	3	
ID		17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	16	11	11	11	11	11	ID	
	°	53~82	53~82	57~82	56~82	66~82	60~82	60~82	60~82	60~82	65~82	68~82	63~82	66~82	66~82	67~82	70~82	66~82	67~82	67~82	67~82	68~82	71~82	69~82	70~82	72~82	73~82	73~82	°
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

 4段ESP+12.5mFB	 2.5m+54mLJ	 94 t	 9.7m x 9.0m	 360°	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m
合計ブーム長さ	m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°
	m	24.0	36.2																								24.0
	26.0	36.2				32.7																					26.0
	28.0	36.2				32.7						29.6					26.2										28.0
	30.0	36.2				32.7						29.6					26.2										30.0
	32.0	33.3				32.0						29.6					26.2					22.0					32.0
	34.0	29.5	33.7				28.1	32.7				26.7					25.7					21.0					34.0
	36.0	26.1	30.3				24.7	29.4				23.3	28.4				22.3					19.8					36.0
	38.0	23.1	27.1				21.8	26.1				20.4	25.1				19.4	24.3				19.2	19.2				38.0
	40.0	20.5	24.2				19.1	23.2				17.7	22.2				16.8	21.4				16.8	18.5				40.0
	42.0	18.1	21.6	24.7			16.7	20.6	24.3			15.4	19.6				14.4	18.8				14.4	18.0				42.0
	44.0	16.0	19.3	22.5			14.6	18.3	21.8			13.3	17.2	21.0			12.3	16.4	20.4			12.3	15.7				44.0
	46.0	14.0	17.2	20.2			12.7	16.1	19.5			11.4	15.0	18.6			10.4	14.3	18.1				13.5	17.5			46.0
	48.0	12.3	15.2	18.1			10.9	14.2	17.3			9.6	13.1	16.5				12.3	15.9				11.6	15.3			48.0
	50.0	10.7	13.5	16.2	19.6		9.3	12.4	15.4				11.3	14.5				10.6	13.9					13.3			50.0
	55.0	7.2	9.6	12.0	15.3			8.5	11.1	14.7				10.2	14.2				9.6	13.7							55.0
	60.0		6.5	8.5	11.3	13.7			7.6	10.7	13.3				10.1	12.9				9.7							60.0
	65.0			5.5	7.9	9.7				7.2	9.3				6.6	8.9											65.0
	70.0										5.7																70.0
	75.0																										75.0
	80.0																										80.0
	85.0																										85.0
	90.0																										90.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16		11	11	11			ID
	°	58~82	60~82	60~82	66~82	71~82	64~82	65~82	66~82	68~82	67~82	66~82	70~82	71~82	70~82	74~82	69~82	71~82	72~82	75~82		72~82	73~82	76~82			°
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		4	4	4				
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		80t	80t	80t				



ラフィングジブ



4段ESP+12.5mFB	2.5m+45mLJ	127 t	9.7m x 8.0m	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m		
合計ブーム長さ m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m		
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°		
 m	22.0	48.4				43.3																				22.0		
	24.0	48.4				43.3					38.7															24.0		
	26.0	48.4				43.3					38.7							33.8								26.0		
	28.0	46.1	48.4			43.3					38.7							33.8				29.4				28.0		
	30.0	40.9	45.2			39.6	43.3				38.3							33.8				29.4				30.0		
	32.0	36.4	40.4			35.0	39.5				33.7	38.5						32.7	33.8			29.4				32.0		
	34.0	32.4	36.2			31.0	35.3				29.6	34.3						28.7	33.6			28.8	29.4			34.0		
	36.0	28.9	32.6	35.5		27.5	31.5	35.1			26.1	30.5						25.2	29.7			25.2	29.0			36.0		
	38.0	25.7	29.2	32.4		24.3	28.1	31.7			23.0	27.1	31.0					22.1	26.3			22.1	25.6			38.0		
	40.0	22.9	26.2	29.3		21.6	25.1	28.5			20.2	24.0	27.7					19.3	23.3	27.1		19.3	22.6	26.6		40.0		
	42.0	20.5	23.5	26.4		19.1	22.4	25.6			17.8	21.3	24.8					16.9	20.6	24.2		16.8	19.9	23.6		42.0		
	44.0	18.2	21.0	23.8	26.1	16.8	19.9	22.9	26.5		15.5	18.9	22.1					14.6	18.1	21.5		14.5	17.4	20.9		44.0		
	46.0	16.2	18.8	21.4	25.0	14.8	17.7	20.5	24.4		13.5	16.6	19.7	23.8				12.6	15.9	19.1			12.5	15.2	18.5	46.0		
	48.0	14.3	16.8	19.2	22.5	13.0	15.7	18.3	21.9		11.7	14.6	17.4	21.4				10.8	13.9	16.9	20.9		10.6	13.2	16.3	20.6	48.0	
	50.0	12.6	14.9	17.2	20.3	19.8	11.3	13.8	16.3	19.7	20.2	10.0	12.8	15.4	19.1			9.1	12.0	14.8	18.7		8.9	11.4	14.3	18.3	50.0	
	55.0	9.0	10.9	12.8	15.3	17.3	7.6	9.8	11.9	14.7	16.9	6.4	8.7	11.0	14.1	16.5			8.0	10.4	13.7	16.2			9.9	13.3	16.0	55.0
	60.0	6.0	7.6	9.1	11.1	12.5		6.5	8.2	10.5	12.1		5.4	7.3	9.9	11.7				6.8	9.5	11.5				9.1	11.3	60.0
	65.0			6.0	7.5				5.1	6.9					6.3						5.9	7.4					7.3	65.0
	70.0																											70.0
	75.0																											75.0
80.0																											80.0	
85.0																											85.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	100	3	
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	11	ID	
 °	48~82	53~82	51~82	56~82	66~82	55~82	56~82	55~82	59~82	68~82	58~82	58~82	62~82	62~82	70~82	63~82	64~82	63~82	64~82	66~82	65~82	68~82	68~82	69~82	70~82	68~82	°	
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

4段ESP+12.5mFB	2.5m+54mLJ	127 t	9.7m x 8.0m	360°	JPN

 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	37.9	37.9	37.9	37.9	37.9	42.5	42.5	42.5	42.5	42.5	m	
合計ブーム長さ m	36.6	36.6	36.6	36.6	36.6	41.2	41.2	41.2	41.2	41.2	45.8	45.8	45.8	45.8	45.8	50.4	50.4	50.4	50.4	50.4	55.0	55.0	55.0	55.0	55.0	m	
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	12	20	30	45	60	°	
 m	24.0	36.2																								24.0	
	26.0	36.2				32.7																				26.0	
	28.0	36.2				32.7					29.6					26.2										28.0	
	30.0	36.2				32.7					29.6					26.2										30.0	
	32.0	36.2				32.7					29.6					26.2					22.0					32.0	
	34.0	33.5	36.2			32.1	32.7				29.6					26.2					21.0					34.0	
	36.0	29.9	34.0			28.5	32.7				27.2	29.6				26.2					19.8					36.0	
	38.0	26.7	30.7			25.4	29.7				24.0	28.7				23.1	26.2				19.2	19.2				38.0	
	40.0	23.9	27.7			22.6	26.7				21.2	25.6				20.3	24.9				18.5	18.5				40.0	
	42.0	21.4	24.9	27.4		20.1	23.9	27.5			18.7	22.8				17.8	22.1				17.8	18.1				42.0	
	44.0	19.1	22.4	25.7		17.8	21.4	24.9			16.5	20.3	24.1			15.5	19.6	23.5			15.5	17.8				44.0	
	46.0	17.1	20.2	23.2		15.7	19.1	22.4			14.4	18.1	21.6			13.5	17.3	21.0			13.4	16.6	17.7			46.0	
	48.0	15.2	18.1	21.0		13.9	17.1	20.2			12.5	16.0	19.4			11.6	15.3	18.8			11.5	14.5	17.4			48.0	
	50.0	13.5	16.2	19.0	20.0	12.2	15.2	18.1			10.8	14.1	17.3			9.9	13.4	16.7			9.8	12.6	16.1			50.0	
	55.0	9.8	12.2	14.5	17.8	8.5	11.1	13.6	17.2		7.2	10.0	12.8	16.7			9.3	12.2	16.3				11.6			55.0	
	60.0	6.8	8.8	10.8	13.6	14.3	5.4	7.7	9.9	13.0	14.6		6.6	9.0	12.4	14.9			8.4	12.0				11.6		60.0	
	65.0		6.0	7.7	10.0	11.8			6.8	9.4	11.4			5.9	8.7	11.0				8.3	10.8				7.9	10.5	65.0
	70.0				6.8					6.2	7.7				5.5	7.3					7.1					6.9	70.0
75.0																										75.0	
80.0																										80.0	
85.0																										85.0	
90.0																										90.0	
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	0	0	0	0	0	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	3	
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	16	16	16	16	16	11	11	11	11	11	ID
 °	54~82	55~82	60~82	61~82	71~82	57~82	62~82	62~82	63~82	67~82	62~82	63~82	64~82	65~82	69~82	66~82	68~82	69~82	71~82	70~82	68~82	72~82	73~82	72~82	72~82	°	
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t		

						
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0	70.8					61.0										20.0
	22.0	70.8					61.0					52.5					22.0
	24.0	70.5	70.7				61.0	61.0				52.5					24.0
	26.0	66.4	66.6				61.0	61.0				52.5	52.5				26.0
	28.0	62.6	62.8	62.9			59.9	60.5	59.1			50.4	52.5				28.0
	30.0	58.4	59.2	59.4			56.8	57.4	57.4			48.3	50.4	52.0			30.0
	32.0	53.0	56.0	56.1	49.2		51.5	54.6	54.5			46.1	48.5	49.7			32.0
	34.0	47.7	50.6	53.1	48.0		46.2	49.4	51.8	48.7		44.1	46.5	47.2			34.0
	36.0	43.0	45.8	48.3	47.0	38.9	41.6	44.5	47.2	47.6		40.3	43.4	44.8	45.5		36.0
	38.0	39.0	41.4	43.8	46.0	38.4	37.5	40.2	42.7	46.0	38.8	36.2	39.1	41.7	43.2	39.2	38.0
	40.0	35.3	37.6	39.7	42.5	37.9	33.9	36.4	38.7	41.7	38.4	32.6	35.2	37.7	40.9	38.8	40.0
	42.0	32.1	34.2	36.1	38.6	37.5	30.6	32.9	35.1	37.8	38.0	29.4	31.8	34.1	37.0	38.4	42.0
	44.0	29.1	31.1	32.9	35.1	36.6	27.7	29.9	31.8	34.3	36.0	26.4	28.7	30.8	33.5	35.4	44.0
	46.0	26.5	28.3	29.9	32.0	33.2	25.1	27.1	28.9	31.1	32.6	23.8	25.9	27.9	30.4	32.0	46.0
	48.0	24.0	25.7	27.2	29.1	30.1	22.7	24.5	26.2	28.2	29.5	21.4	23.4	25.2	27.5	28.9	48.0
	50.0	21.8	23.4	24.8	26.4		20.5	22.2	23.7	25.6		19.2	21.1	22.7	24.8	26.1	50.0
	55.0	17.1	18.3	19.4	20.6		15.7	17.1	18.4	19.8		14.5	16.0	17.4	19.0		55.0
	60.0	13.2	14.2	15.0			11.8	13.0	14.0	15.0		10.6	11.9	13.0	14.2		60.0
	65.0	9.9	10.6	11.2			8.6	9.5	10.2			7.3	8.4	9.3	10.2		65.0
	70.0	7.1	7.6				5.6	6.3	6.9				5.2	5.9			70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	27~82	29~82	39~82	55~82	65~82	33~82	36~82	37~82	52~82	67~82	44~82	41~82	42~82	50~82	66~82	°
	t	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

						
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0	52.2															22.0
	24.0	52.2					46.1										24.0
	26.0	52.2					46.1					40.5					26.0
	28.0	52.2	52.2				46.1					40.5					28.0
	30.0	52.2	52.2				46.1	46.1				40.5	40.5				30.0
	32.0	52.2	51.9				46.1	46.1				40.5	40.5				32.0
	34.0	49.5	49.7	44.5			46.1	46.1	46.1			40.5	40.5				34.0
	36.0	44.8	47.6	43.0			43.9	46.1	45.5			38.5	40.5	40.5			36.0
	38.0	40.7	43.9	41.7			39.8	43.3	44.1			36.5	39.0	40.5			38.0
	40.0	37.0	40.0	40.4	34.2		36.1	39.3	42.3			34.8	37.2	38.7			40.0
	42.0	33.7	36.5	39.2	33.5		32.8	35.8	38.7	35.1		31.5	34.7	36.9	35.5		42.0
	44.0	30.7	33.4	35.9	32.8	27.3	29.8	32.6	35.3	34.3		28.5	31.5	34.4	34.8		44.0
	46.0	28.0	30.5	32.8	32.1	26.9	27.1	29.8	32.3	33.6	28.0	25.8	28.7	31.3	34.1	28.3	46.0
	48.0	25.6	27.9	30.1	31.5	26.6	24.7	27.1	29.5	32.6	27.7	23.4	26.0	28.6	31.9	28.0	48.0
	50.0	23.4	25.5	27.5	30.2	26.3	22.4	24.7	26.9	29.8	27.4	21.2	23.7	26.0	29.1	27.7	50.0
	55.0	18.5	20.3	22.0	24.2	25.6	17.6	19.6	21.4	23.7	25.3	16.3	18.5	20.5	23.0	24.8	55.0
	60.0	14.6	16.1	17.5	19.1		13.6	15.3	16.8	18.7		12.4	14.2	15.9	18.0	19.3	60.0
	65.0	11.3	12.5	13.6	14.9		10.3	11.7	13.0	14.4		9.1	10.6	12.0	13.7		65.0
	70.0	8.5	9.5	10.3			7.4	8.6	9.6	10.7		6.1	7.6	8.7	10.0		70.0
	75.0	6.0	6.8	7.4				5.8	6.7					5.7			75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	33~82	36~82	38~82	54~82	67~82	43~82	40~82	43~82	51~82	68~82	46~82	49~82	47~82	54~82	66~82	°
	t	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

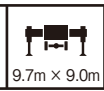
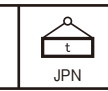
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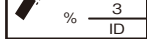
 4段ESP+25.0m2FB	 2.5m+45mLJ	 208 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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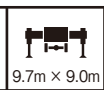
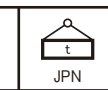
 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	20.0															20.0
	22.0															22.0
	24.0	38.5														24.0
	26.0	38.5				34.5										26.0
	28.0	38.5				34.5					30.8					28.0
	30.0	38.5				34.5					30.8					30.0
	32.0	38.5	38.5			34.5					30.8					32.0
	34.0	38.5	38.5			34.5	34.5				30.8					34.0
	36.0	38.5	38.5			34.5	34.5				30.8	30.8				36.0
	38.0	38.5	38.5	35.6		34.5	34.5				30.8	30.8				38.0
	40.0	38.5	38.0	34.4		34.5	34.5	34.5			30.8	30.8				40.0
	42.0	35.5	36.5	33.2		34.1	34.5	33.7			29.3	30.8	30.8			42.0
	44.0	32.5	35.1	32.2		31.1	34.5	32.6			28.0	29.5	30.8			44.0
	46.0	29.7	32.8	31.2	26.4	28.3	31.6	31.6			26.8	28.5	29.8			46.0
	48.0	27.2	30.1	30.2	25.8	25.9	28.9	30.7	26.1		24.5	27.5	28.8			48.0
	50.0	25.0	27.6	29.4	25.2	23.6	26.5	29.3	25.6		22.3	25.4	28.3	25.9		50.0
	55.0	20.1	22.4	24.6	24.0	20.0	18.7	21.2	23.6	24.3	20.2	17.4	20.1	22.7	24.6	20.5
	60.0	16.0	18.0	19.9	22.4	19.4	14.7	16.9	18.9	21.7	19.7	13.4	15.8	18.0	20.9	19.9
	65.0	12.7	14.4	15.9	18.0	19.0	11.3	13.2	15.0	17.2	18.8	10.1	12.1	14.0	16.5	18.3
	70.0	9.8	11.2	12.6	14.2		8.5	10.1	11.6	13.4		7.2	9.0	10.7	12.7	
	75.0	7.3	8.5	9.6	10.8		5.9	7.4	8.6	10.1			6.3	7.7	9.4	
	80.0	5.1	6.1	7.0					6.0	7.1				5.0	6.5	
	85.0															
	90.0															
	95.0															
	100.0															
	105.0															
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	ID
 °	37~82	40~82	43~82	52~82	66~82	45~82	49~82	47~82	50~82	68~82	52~82	51~82	50~82	53~82	69~82	°
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

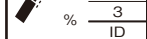
 4段ESP+25.0m2FB	 2.5m+54mLJ	 208 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	20.0															20.0
	22.0															22.0
	24.0															24.0
	26.0															26.0
	28.0	29.4														28.0
	30.0	29.4				26.6					24.1					30.0
	32.0	29.4				26.6					24.1					32.0
	34.0	29.4				26.6					24.1					34.0
	36.0	29.4	29.4			26.6					24.1					36.0
	38.0	29.4	29.4			26.6	26.6				24.1					38.0
	40.0	29.4	29.4			26.6	26.6				24.1	24.1				40.0
	42.0	29.4	29.4			26.6	26.6				24.1	24.1				42.0
	44.0	29.4	29.4	27.2		26.6	26.6				24.1	24.1				44.0
	46.0	29.4	28.8	26.3		26.6	26.6	26.6			24.1	24.1				46.0
	48.0	28.1	27.7	25.5		26.6	26.6	25.8			23.7	24.1	24.1			48.0
	50.0	25.8	26.7	24.7		24.5	26.6	25.0			23.1	23.7	24.1			50.0
	55.0	20.9	23.6	22.9	19.5	19.5	22.5	23.2	19.8		18.2	21.4	23.6			55.0
	60.0	16.8	19.2	21.3	18.5	15.1	15.5	18.1	20.6	18.7	14.2	17.0	19.7	19.0		60.0
	65.0	13.4	15.5	17.5	17.5	14.5	12.1	14.4	16.6	17.8	10.8	13.3	15.7	18.1	14.9	65.0
	70.0	10.5	12.3	14.1	16.5	14.1	9.2	11.2	13.1	15.7	7.9	10.1	12.2	15.1	14.5	70.0
	75.0	8.0	9.6	11.1	13.1		6.7	8.5	10.2	12.4	5.4	7.4	9.2	11.7	13.4	75.0
	80.0	5.9	7.2	8.5	10.1			6.1	7.5	9.4			6.6	8.7		80.0
	85.0		5.0	6.2	7.3				5.2	6.6				6.0		85.0
	90.0															90.0
	95.0															95.0
	100.0															100.0
	105.0															105.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	ID
 °	44~82	44~82	48~82	51~82	70~82	51~82	51~82	51~82	54~82	67~82	53~82	57~82	57~82	57~82	68~82	°
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

						
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	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0															20.0
	22.0															22.0
	24.0															24.0
	26.0															26.0
	28.0															28.0
	30.0	22.1														30.0
	32.0	22.1				20.1										32.0
	34.0	22.1				20.1					18.3					34.0
	36.0	22.1				20.1					18.3					36.0
	38.0	22.1				20.1					18.3					38.0
	40.0	22.1	22.1			20.1					18.3					40.0
	42.0	22.1	22.1			20.1	20.1				18.3					42.0
	44.0	22.1	22.1			20.1	20.1				18.3	18.3				44.0
	46.0	22.1	22.1			20.1	20.1				18.3	18.3				46.0
	48.0	22.1	22.1			20.1	20.1				18.3	18.3				48.0
	50.0	22.1	22.1	22.1		20.1	20.1				18.3	18.3				50.0
	55.0	22.1	22.1	21.5		20.1	20.1	20.1			18.3	18.3	18.3			55.0
	60.0	18.7	21.3	19.8		17.4	20.1	20.1			16.1	18.3	18.3			60.0
	65.0	15.2	17.7	18.4	15.7	14.0	16.6	19.1	16.3		12.7	15.6	18.3	16.5		65.0
	70.0	12.3	14.5	16.6	14.9	11.9	11.0	13.4	15.7	15.4	12.4	9.8	12.4	14.8	15.6	70.0
	75.0	9.8	11.7	13.5	14.1	11.5	8.5	10.6	12.6	14.6	11.9	7.3	9.6	11.8	14.8	75.0
	80.0	7.6	9.2	10.9	13.1	11.2	6.3	8.2	10.0	12.4	11.6	5.0	7.1	9.1	11.8	80.0
	85.0	5.6	7.1	8.5	10.3		4.2	6.0	7.6	9.7	11.1		4.9	6.7	9.0	85.0
	90.0	3.7	5.1	6.3	7.8			3.9	5.4	7.2				4.5	6.5	90.0
	95.0		3.2	4.3	5.4				3.3	4.8					4.1	95.0
	100.0															100.0
	105.0															105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	ID
	°	42~82	42~82	46~82	50~82	69~82	49~82	50~82	49~82	53~82	66~82	54~82	55~82	56~82	56~82	°
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

						
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	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0															20.0
	22.0															22.0
	24.0															24.0
	26.0															26.0
	28.0															28.0
	30.0															30.0
	32.0															32.0
	34.0	16.8				15.3										34.0
	36.0	16.8				15.3					14.0					36.0
	38.0	16.8				15.3					14.0					38.0
	40.0	16.8				15.3					14.0					40.0
	42.0	16.8				15.3					14.0					42.0
	44.0	16.8				15.3					14.0					44.0
	46.0	16.8	16.8			15.3	15.3				14.0					46.0
	48.0	16.8	16.8			15.3	15.3				14.0	14.0				48.0
	50.0	16.8	16.8			15.3	15.3				14.0	14.0				50.0
	55.0	16.8	16.8	16.1		15.3	15.3				14.0	14.0				55.0
	60.0	16.8	16.7	15.4		15.3	15.3	15.3			14.0	14.0	14.0			60.0
	65.0	15.9	15.9	14.7		14.6	15.3	14.8			13.4	14.0	14.0			65.0
	70.0	12.9	15.1	14.1	12.7	11.7	14.4	14.3	12.9		10.5	13.4	14.0			70.0
	75.0	10.4	12.6	13.6	12.0	9.1	11.6	13.7	12.2		7.9	10.6	13.1	12.3		75.0
	80.0	8.2	10.1	12.1	11.3	6.9	9.1	11.2	11.5	9.0	5.7	8.1	10.4	11.7	9.1	80.0
	85.0	6.2	8.0	9.7	10.7	4.9	6.9	8.8	10.9	8.7		5.9	8.0	10.9	8.8	85.0
	90.0	4.4	6.1	7.6	9.6	8.2		5.0	6.7	9.0	8.4			5.9	8.4	90.0
	95.0		4.2	5.6	7.4				4.7	6.7					6.1	95.0
	100.0			3.7	5.2					4.6					3.9	100.0
	105.0															105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	ID
	°	48~82	49~82	50~82	54~82	68~82	53~82	55~82	56~82	57~82	69~82	58~82	60~82	61~82	59~82	°
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

ラフィングジブ

						
4段ESP+25.0m2FB	2.5m+81mLJ	208 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	32.0																32.0
	34.0																34.0
	36.0	12.1															36.0
	38.0	12.1					11.1										38.0
	40.0	12.1					11.1					10.1					40.0
	42.0	12.1					11.1					10.1					42.0
	44.0	12.1					11.1					10.1					44.0
	46.0	12.1					11.1					10.1					46.0
	48.0	12.1					11.1					10.1					48.0
	50.0	12.1	12.1				11.1	11.1				10.1					50.0
	55.0	12.1	12.1				11.1	11.1				10.1	10.1				55.0
	60.0	12.1	12.1				11.1	11.1				10.1	10.1				60.0
	65.0	12.1	12.1	12.1			11.1	11.1	11.1			10.1	10.1	10.1			65.0
	70.0	12.1	12.1	12.1			11.1	11.1	11.1			10.1	10.1	10.1			70.0
	75.0	10.6	12.1	11.9	9.8		9.3	11.1	11.1			8.2	10.1	10.1			75.0
	80.0	8.3	10.6	11.0	9.1		7.1	9.6	11.1	9.3		6.0	8.6	9.3	9.4		80.0
	85.0	6.4	8.4	10.2	8.5	6.3	5.2	7.4	9.6	8.7			6.5	8.8	8.8		85.0
	90.0	4.6	6.5	8.3	8.0	5.9		5.5	7.5	8.2	6.1			6.7	8.3	6.2	90.0
	95.0		4.7	6.4	7.5	5.7			5.5	7.7	5.8				7.4	5.9	95.0
	100.0		3.0	4.6	6.6	5.4				6.0	5.6				5.4	5.7	100.0
	105.0				4.7					4.0						5.0	105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	52~82	51~82	56~82	58~82	67~82	57~82	59~82	61~82	60~82	68~82	61~82	63~82	66~82	66~82	65~82	°
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

						
4段ESP+25.0m2FB	2.5m+27mLJ	195 t	9.7m x 9.0m	AJ	360°	JPN

	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0	70.8					61.0										20.0
	22.0	70.8					61.0					52.5					22.0
	24.0	70.5	70.7				61.0	61.0				52.5					24.0
	26.0	66.4	66.6				61.0	61.0				52.5	52.5				26.0
	28.0	62.2	62.8	62.9			59.9	60.5	59.1			50.4	52.5				28.0
	30.0	55.4	59.0	59.4			53.9	57.4	57.4			48.3	50.4	52.0			30.0
	32.0	49.6	52.8	55.8	49.2		48.1	51.6	54.5			46.1	48.5	49.7			32.0
	34.0	44.5	47.5	50.2	48.0		43.1	46.2	49.2	48.7		41.7	45.1	47.2			34.0
	36.0	40.1	42.8	45.3	47.0	38.9	38.6	41.6	44.3	47.6		37.3	40.4	43.3	45.5		36.0
	38.0	36.2	38.7	41.0	44.0	38.4	34.7	37.4	39.9	43.2	38.8	33.4	36.3	39.0	42.5	39.2	38.0
	40.0	32.7	35.0	37.1	39.9	37.9	31.3	33.8	36.1	39.0	38.4	30.0	32.6	35.1	38.3	38.8	40.0
	42.0	29.6	31.7	33.6	36.1	37.5	28.2	30.5	32.6	35.3	37.2	26.9	29.3	31.6	34.6	36.7	42.0
	44.0	26.7	28.7	30.5	32.8	34.3	25.4	27.5	29.5	31.9	33.6	24.1	26.4	28.5	31.2	33.1	44.0
	46.0	24.2	26.0	27.7	29.7	31.0	22.8	24.8	26.6	28.9	30.4	21.5	23.7	25.6	28.1	29.8	46.0
	48.0	21.9	23.6	25.1	26.9	28.0	20.5	22.4	24.0	26.1	27.4	19.2	21.2	23.1	25.3	26.8	48.0
	50.0	19.8	21.3	22.7	24.3		18.4	20.1	21.7	23.5		17.1	19.0	20.7	22.8	24.0	50.0
	55.0	15.2	16.5	17.6	18.7		13.9	15.3	16.5	17.9		12.6	14.2	15.6	17.2		55.0
	60.0	11.5	12.5	13.3			10.1	11.3	12.3	13.3		8.9	10.2	11.3	12.5		60.0
	65.0	8.4	9.1	9.6			6.9	7.9	8.7			5.5	6.7	7.7	8.6		65.0
	70.0	5.5	6.0						5.3								70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	27~82	29~82	39~82	55~82	65~82	40~82	42~82	37~82	52~82	67~82	44~82	46~82	48~82	50~82	66~82	°
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

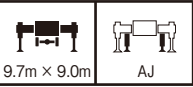
						
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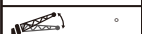
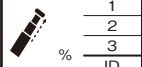
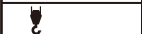
	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	m	20.0															20.0
		22.0															22.0
		24.0					46.1										24.0
		26.0					46.1					40.5					26.0
		28.0					46.1					40.5					28.0
		30.0					46.1	46.1				40.5	40.5				30.0
		32.0					46.1	46.1				40.5	40.5				32.0
		34.0					45.4	46.1	46.1			40.5	40.5				34.0
		36.0					41.0	44.7	45.5			38.5	40.5	40.5			36.0
		38.0					37.0	40.5	43.8			35.7	39.0	40.5			38.0
		40.0					33.4	36.7	39.8			32.1	35.6	38.7			40.0
		42.0					30.3	33.3	36.2	35.1		29.0	32.2	35.3	35.5		42.0
		44.0					27.4	30.3	33.0	34.3		26.1	29.2	32.0	34.8		44.0
		46.0					24.9	27.5	30.0	33.4	28.0	23.6	26.4	29.1	32.7	28.3	46.0
		48.0					22.5	25.0	27.3	30.4	27.7	21.2	23.9	26.4	29.7	28.0	48.0
		50.0					20.4	22.7	24.9	27.7	27.4	19.1	21.6	23.9	27.0	27.7	50.0
		55.0					15.7	17.7	19.5	21.9	23.5	14.5	16.6	18.6	21.2	23.0	55.0
		60.0					11.9	13.6	15.1	17.0		10.7	12.5	14.2	16.3	17.6	60.0
		65.0					8.7	10.1	11.4	12.9		7.5	9.1	10.5	12.2		65.0
		70.0					5.9	7.2	8.2	9.2			6.0	7.3	8.6		70.0
		75.0							5.2								75.0
		80.0															80.0
		85.0															85.0
		90.0															90.0
		95.0															95.0
		100.0															100.0
		105.0															105.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
		ID	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	39~82	36~82	38~82	54~82	67~82	43~82	46~82	43~82	51~82	69~82	50~82	49~82	52~82	54~82	66~82	°
	t	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

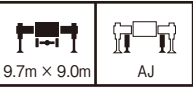
						
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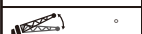
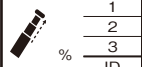
	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	m	20.0															20.0
		22.0															22.0
		24.0	38.5														24.0
		26.0	38.5				34.5										26.0
		28.0	38.5				34.5					30.8					28.0
		30.0	38.5				34.5					30.8					30.0
		32.0	38.5	38.5			34.5					30.8					32.0
		34.0	38.5	38.5			34.5	34.5				30.8					34.0
		36.0	38.5	38.5			34.5	34.5				30.8	30.8				36.0
		38.0	38.5	38.5	35.6		34.5	34.5				30.8	30.8				38.0
		40.0	36.2	38.0	34.4		34.5	34.5	34.5			30.8	30.8				40.0
		42.0	33.0	36.4	33.2		31.6	34.5	33.7			29.3	30.8	30.8			42.0
		44.0	30.1	33.3	32.2		28.7	32.2	32.6			27.3	29.5	30.8			44.0
		46.0	27.5	30.5	31.2	26.4	26.1	29.3	31.6			24.7	28.2	29.8			46.0
		48.0	25.1	27.9	30.2	25.8	23.7	26.8	29.7	26.1		22.4	25.7	28.8			48.0
		50.0	22.9	25.6	28.2	25.2	21.5	24.4	27.2	25.6		20.2	23.3	26.3	25.9		50.0
		55.0	18.2	20.5	22.7	24.0	16.9	19.4	21.7	24.3	20.2	15.6	18.2	20.8	24.3	20.5	55.0
		60.0	14.3	16.3	18.2	20.7	19.4	13.0	15.2	17.2	20.0	19.7	11.7	14.1	16.3	19.3	60.0
		65.0	11.1	12.8	14.4	16.4	17.8	9.8	11.7	13.4	15.7	17.3	8.5	10.6	12.5	15.0	65.0
		70.0	8.4	9.8	11.1	12.7		7.0	8.7	10.1	12.0		5.7	7.6	9.2	11.3	70.0
		75.0	5.9	7.2	8.3	9.4			6.0	7.3	8.8				6.4	8.1	75.0
		80.0			5.6						5.8					5.1	80.0
		85.0															85.0
		90.0															90.0
		95.0															95.0
		100.0															100.0
		105.0															105.0
	%	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
		2	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
		ID	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	42~82	46~82	43~82	52~82	66~82	49~82	49~82	52~82	50~82	68~82	52~82	55~82	55~82	53~82	69~82	°
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

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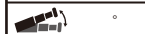
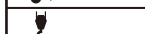
						
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0	29.4															28.0
	30.0	29.4					26.6					24.1					30.0
	32.0	29.4					26.6					24.1					32.0
	34.0	29.4					26.6					24.1					34.0
	36.0	29.4	29.4				26.6					24.1					36.0
	38.0	29.4	29.4				26.6	26.6				24.1					38.0
	40.0	29.4	29.4				26.6	26.6				24.1	24.1				40.0
	42.0	29.4	29.4				26.6	26.6				24.1	24.1				42.0
	44.0	29.4	29.4	27.2			26.6	26.6				24.1	24.1				44.0
	46.0	28.4	28.8	26.3			26.6	26.6	26.6			24.1	24.1				46.0
	48.0	26.0	27.7	25.5			24.6	26.6	25.8			23.3	24.1	24.1			48.0
	50.0	23.8	26.7	24.7			22.4	25.8	25.0			21.1	23.7	24.1			50.0
	55.0	19.0	21.8	22.9	19.5		17.7	20.6	23.2	19.8		16.4	19.5	22.6			55.0
	60.0	15.1	17.5	19.8	18.5	15.1	13.8	16.4	18.9	18.7		12.5	15.3	18.0	19.0		60.0
	65.0	11.8	13.9	16.0	17.5	14.5	10.5	12.8	15.0	17.8	14.7	9.3	11.7	14.1	17.4	14.9	65.0
	70.0	9.1	10.9	12.7	15.0	14.1	7.8	9.8	11.7	14.3	14.3	6.5	8.7	10.8	13.6	14.5	70.0
	75.0	6.7	8.3	9.8	11.7		5.3	7.2	8.8	11.0	12.6		6.1	7.9	10.3	12.1	75.0
	80.0		6.0	7.2	8.8				6.3	8.1				5.3	7.4		80.0
	85.0				6.1					5.4							85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	49~82	49~82	53~82	51~82	70~82	51~82	55~82	55~82	54~82	67~82	56~82	57~82	57~82	61~82	68~82	°
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

						
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0	22.1															30.0
	32.0	22.1					20.1										32.0
	34.0	22.1					20.1					18.3					34.0
	36.0	22.1					20.1					18.3					36.0
	38.0	22.1					20.1					18.3					38.0
	40.0	22.1	22.1				20.1					18.3					40.0
	42.0	22.1	22.1				20.1	20.1				18.3					42.0
	44.0	22.1	22.1				20.1	20.1				18.3	18.3				44.0
	46.0	22.1	22.1				20.1	20.1				18.3	18.3				46.0
	48.0	22.1	22.1				20.1	20.1				18.3	18.3				48.0
	50.0	22.1	22.1	22.1			20.1	20.1				18.3	18.3				50.0
	55.0	21.0	22.1	21.5			19.7	20.1	20.1			18.3	18.3	18.3			55.0
	60.0	17.0	19.8	19.8			15.7	18.7	20.1			14.5	17.7	18.3			60.0
	65.0	13.7	16.1	18.4	15.7		12.4	15.1	17.7	16.3		11.2	14.0	16.8	16.5		65.0
	70.0	10.9	13.0	15.2	14.9	11.9	9.6	12.0	14.3	15.4	12.4	8.4	10.9	13.4	15.6		70.0
	75.0	8.4	10.3	12.2	14.1	11.5	7.2	9.3	11.3	14.1	11.9	5.9	8.2	10.4	13.5	12.1	75.0
	80.0	6.3	8.0	9.6	11.8	11.2	4.9	6.9	8.7	11.2	11.6		5.9	7.9	10.5	11.7	80.0
	85.0	4.3	5.9	7.3	9.1			4.7	6.4	8.5	9.9			5.5	7.8	9.5	85.0
	90.0		3.9	5.2	6.7				4.2	6.1					5.4		90.0
	95.0			3.1	4.3					3.6							95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	46~82	47~82	46~82	50~82	69~82	52~82	53~82	53~82	53~82	66~82	57~82	58~82	59~82	60~82	67~82	°
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

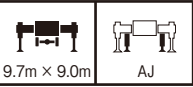
						
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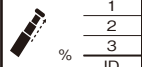
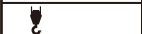
	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
20.0																20.0
22.0																22.0
24.0																24.0
26.0																26.0
28.0																28.0
30.0																30.0
32.0																32.0
34.0	16.8					15.3										34.0
36.0	16.8					15.3					14.0					36.0
38.0	16.8					15.3					14.0					38.0
40.0	16.8					15.3					14.0					40.0
42.0	16.8					15.3					14.0					42.0
44.0	16.8					15.3					14.0					44.0
46.0	16.8	16.8				15.3	15.3				14.0					46.0
48.0	16.8	16.8				15.3	15.3				14.0	14.0				48.0
50.0	16.8	16.8				15.3	15.3				14.0	14.0				50.0
55.0	16.8	16.8	16.1			15.3	15.3				14.0	14.0				55.0
60.0	16.8	16.7	15.4			15.3	15.3	15.3			14.0	14.0	14.0			60.0
65.0	14.3	15.9	14.7			13.1	15.3	14.8			11.8	14.0	14.0			65.0
70.0	11.5	14.0	14.1	12.7		10.2	12.9	14.3	12.9		9.0	11.9	14.0			70.0
75.0	9.0	11.3	13.5	12.0		7.8	10.2	12.6	12.2		6.6	9.2	11.8	12.3		75.0
80.0	6.9	8.9	10.8	11.3	8.9	5.7	7.9	10.0	11.5	9.0		6.8	9.1	11.7	9.1	80.0
85.0	5.0	6.8	8.5	10.7	8.5		5.8	7.7	10.3	8.7			6.8	9.7	8.8	85.0
90.0	3.2	4.9	6.5	8.5	8.2			5.6	7.9	8.4			4.7	7.3	8.5	90.0
95.0		3.1	4.5	6.3				3.6	5.7					5.1	6.7	95.0
100.0				4.2					3.5							100.0
105.0																105.0
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	48~82	49~82	54~82	54~82	68~82	56~82	58~82	56~82	57~82	69~82	60~82	63~82	61~82	63~82	66~82	°
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

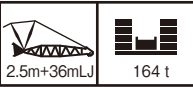
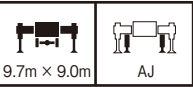
						
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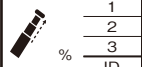
	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
20.0																20.0
22.0																22.0
24.0																24.0
26.0																26.0
28.0																28.0
30.0																30.0
32.0																32.0
34.0																34.0
36.0	12.1															36.0
38.0	12.1					11.1										38.0
40.0	12.1					11.1					10.1					40.0
42.0	12.1					11.1					10.1					42.0
44.0	12.1					11.1					10.1					44.0
46.0	12.1					11.1					10.1					46.0
48.0	12.1					11.1					10.1					48.0
50.0	12.1	12.1				11.1	11.1				10.1					50.0
55.0	12.1	12.1				11.1	11.1				10.1	10.1				55.0
60.0	12.1	12.1				11.1	11.1	11.1			10.1	10.1				60.0
65.0	12.1	12.1	12.1			11.1	11.1	11.1			10.1	10.1	10.1			65.0
70.0	11.7	12.1	12.1			10.5	11.1	11.1			9.3	10.1	10.1			70.0
75.0	9.2	11.7	11.9	9.8		8.0	10.7	11.1			6.9	9.8	10.1			75.0
80.0	7.1	9.4	11.0	9.1		5.9	8.3	10.8	9.3			7.4	9.3	9.4		80.0
85.0	5.2	7.2	9.3	8.5	6.3		6.2	8.4	8.7				7.7	8.8		85.0
90.0		5.4	7.2	8.0	5.9			6.3	8.2	6.1			5.6	8.3	6.2	90.0
95.0		3.6	5.3	7.5	5.7			4.4	7.0	5.8				6.4	5.9	95.0
100.0			3.5	5.6	5.4				5.0	5.6					5.7	100.0
105.0				3.6												105.0
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	55~82	55~82	56~82	58~82	67~82	59~82	62~82	61~82	64~82	68~82	63~82	66~82	66~82	69~82	70~82	°
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0	70.8					61.0										20.0
	22.0	70.8					61.0					52.5					22.0
	24.0	68.9	70.7				61.0	61.0				52.5					24.0
	26.0	60.3	64.6				58.7	61.0				52.5	52.5				26.0
	28.0	53.1	56.9	60.6			51.6	55.7	59.1			50.2	52.5				28.0
	30.0	47.0	50.5	53.8			45.5	49.2	52.8			44.1	48.1	51.8			30.0
	32.0	41.7	45.0	48.0	49.2		40.3	43.7	46.9			38.9	42.5	46.0			32.0
	34.0	37.2	40.1	42.9	46.6		35.7	38.9	41.9	45.8		34.4	37.7	40.9			34.0
	36.0	33.2	35.9	38.4	41.8	38.9	31.8	34.7	37.4	41.0		30.4	33.5	36.4	40.2		36.0
	38.0	29.7	32.2	34.5	37.5	38.4	28.3	30.9	33.4	36.7	38.8	26.9	29.8	32.5	36.0	38.6	38.0
	40.0	26.6	28.9	31.0	33.7	35.7	25.1	27.6	29.9	32.9	35.1	23.8	26.5	29.0	32.2	34.5	40.0
	42.0	23.8	25.9	27.8	30.3	32.1	22.3	24.6	26.8	29.5	31.4	21.1	23.5	25.8	28.7	30.9	42.0
	44.0	21.2	23.2	25.0	27.3	28.7	19.8	22.0	23.9	26.4	28.1	18.5	20.8	23.0	25.7	27.6	44.0
	46.0	18.9	20.8	22.4	24.4	25.7	17.6	19.5	21.4	23.6	25.1	16.3	18.4	20.4	22.9	24.5	46.0
	48.0	16.9	18.5	20.1	21.9	22.9	15.5	17.3	19.0	21.1	22.3	14.2	16.2	18.0	20.3	21.8	48.0
	50.0	15.0	16.5	17.9	19.5		13.6	15.3	16.8	18.7		12.3	14.2	15.9	17.9	19.2	50.0
	55.0	10.9	12.1	13.2	14.4		9.5	10.9	12.2	13.6		8.2	9.8	11.2	12.8		55.0
	60.0	7.4	8.5	9.3			5.9	7.2	8.3	9.3			6.0	7.3	8.6		60.0
	65.0		5.2	5.8													65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	42~82	38~82	39~82	55~82	65~82	45~82	48~82	50~82	52~82	67~82	53~82	51~82	53~82	55~82	67~82	°
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

						
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0	52.2															22.0
	24.0	52.2					46.1										24.0
	26.0	52.2					46.1					40.5					26.0
	28.0	52.2	52.2				46.1					40.5					28.0
	30.0	49.0	52.2				46.1	46.1				40.5	40.5				30.0
	32.0	43.6	47.8				42.7	46.1				40.5	40.5				32.0
	34.0	39.0	42.8	44.5			38.1	42.2	46.1			36.8	40.5				34.0
	36.0	35.0	38.5	41.9			34.1	37.8	41.4			32.7	36.7	40.5			36.0
	38.0	31.4	34.7	37.8			30.5	34.0	37.3			29.2	32.9	36.4			38.0
	40.0	28.2	31.3	34.2	34.2		27.3	30.6	33.7			26.0	29.5	32.8			40.0
	42.0	25.4	28.2	30.9	33.5		24.5	27.5	30.4	34.3		23.2	26.4	29.5	33.7		42.0
	44.0	22.8	25.5	28.0	31.4	27.3	21.9	24.7	27.4	31.1		20.6	23.7	26.5	30.4		44.0
	46.0	20.5	23.0	25.3	28.4	26.9	19.6	22.2	24.8	28.1	28.0	18.3	21.2	23.8	27.4	28.3	46.0
	48.0	18.4	20.7	22.9	25.8	26.6	17.5	20.0	22.3	25.4	27.7	16.2	18.9	21.4	24.7	27.3	48.0
	50.0	16.5	18.6	20.7	23.3	25.3	15.6	17.9	20.1	22.9	25.1	14.3	16.8	19.1	22.2	24.6	50.0
	55.0	12.3	14.1	15.8	18.0	19.4	11.4	13.4	15.2	17.6	19.2	10.1	12.3	14.3	16.8	18.6	55.0
	60.0	8.9	10.4	11.8	13.5		7.9	9.6	11.2	13.1		6.6	8.6	10.3	12.4	13.7	60.0
	65.0	5.9	7.3	8.4	9.7			6.4	7.8	9.2				6.8	8.5		65.0
	70.0			5.4						5.7							70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
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	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	45~82	48~82	45~82	54~82	67~82	52~82	51~82	54~82	51~82	69~82	54~82	57~82	56~82	59~82	66~82	°
		6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

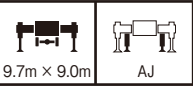
						
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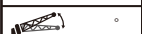
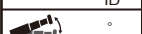
	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0	38.5															24.0
	26.0	38.5					34.5										26.0
	28.0	38.5					34.5					30.8					28.0
	30.0	38.5					34.5					30.8					30.0
	32.0	38.5	38.5				34.5					30.8					32.0
	34.0	38.5	38.5				34.5	34.5				30.8					34.0
	36.0	36.9	38.5				34.5	34.5				30.8	30.8				36.0
	38.0	33.3	37.2	35.6			31.9	34.5				30.5	30.8				38.0
	40.0	30.1	33.8	34.4			28.7	32.6	34.5			27.3	30.8				40.0
	42.0	27.2	30.6	33.2			25.8	29.5	33.0			24.4	28.3	30.8			42.0
	44.0	24.6	27.8	30.9			23.2	26.6	30.0			21.8	25.5	29.1			44.0
	46.0	22.2	25.2	28.2	26.4		20.8	24.1	27.2			19.5	23.0	26.3			46.0
	48.0	20.1	22.9	25.7	25.8		18.7	21.8	24.7	26.1		17.4	20.6	23.8			48.0
	50.0	18.1	20.8	23.4	25.2		16.7	19.6	22.4	25.6		15.4	18.5	21.5	25.6		50.0
	55.0	13.9	16.2	18.4	21.4	20.0	12.5	15.0	17.4	20.7	20.2	11.2	13.9	16.5	20.0	20.5	55.0
	60.0	10.4	12.4	14.2	16.7	18.6	9.0	11.2	13.3	16.0	18.1	7.8	10.1	12.3	15.3	17.6	60.0
	65.0	7.5	9.2	10.8	12.8	14.1	6.0	8.0	9.8	12.1	13.6		6.9	8.8	11.4	13.2	65.0
	70.0		6.4	7.8	9.4			5.1	6.8	8.6				5.8	8.0		70.0
	75.0			5.0	6.3					5.5							75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
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	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	51~82	51~82	49~82	52~82	66~82	53~82	53~82	57~82	55~82	68~82	59~82	59~82	59~82	62~82	69~82	°
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

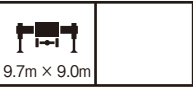
						
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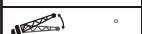
	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0	29.4															28.0
	30.0	29.4					26.6					24.1					30.0
	32.0	29.4					26.6					24.1					32.0
	34.0	29.4					26.6					24.1					34.0
	36.0	29.4	29.4				26.6					24.1					36.0
	38.0	29.4	29.4				26.6	26.6				24.1					38.0
	40.0	29.4	29.4				26.6	26.6				24.1	24.1				40.0
	42.0	28.1	29.4				26.6	26.6				24.1	24.1				42.0
	44.0	25.5	29.3	27.2			24.1	26.6				22.8	24.1				44.0
	46.0	23.1	26.7	26.3			21.7	25.5	26.6			20.4	24.1				46.0
	48.0	20.9	24.3	25.5			19.6	23.2	25.8			18.2	22.1	24.1			48.0
	50.0	19.0	22.1	24.7			17.6	21.0	24.3			16.3	19.9	23.4			50.0
	55.0	14.7	17.4	20.1	19.5		13.3	16.3	19.2	19.8		12.0	15.2	18.3			55.0
	60.0	11.2	13.6	15.9	18.5	15.1	9.8	12.4	15.0	18.5		8.5	11.3	14.1	17.8		60.0
	65.0	8.2	10.3	12.3	15.1	14.5	6.9	9.2	11.4	14.4	14.7		8.1	10.5	13.8	14.9	65.0
	70.0	5.6	7.5	9.3	11.7	13.4		6.4	8.3	11.0	12.9			7.4	10.3	12.5	70.0
	75.0		5.1	6.7	8.6				5.7	7.9	9.4				7.2	9.0	75.0
	80.0				5.9						5.1						80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
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	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	52~82	53~82	57~82	57~82	70~82	58~82	59~82	59~82	59~82	67~82	62~82	64~82	64~82	65~82	68~82	°
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0	22.1															30.0
	32.0	22.1					20.1										32.0
	34.0	22.1					20.1					18.3					34.0
	36.0	22.1					20.1					18.3					36.0
	38.0	22.1					20.1					18.3					38.0
	40.0	22.1	22.1				20.1					18.3					40.0
	42.0	22.1	22.1				20.1	20.1				18.3					42.0
	44.0	22.1	22.1				20.1	20.1				18.3	18.3				44.0
	46.0	22.1	22.1				20.1	20.1				18.3	18.3				46.0
	48.0	22.1	22.1				20.1	20.1				18.3	18.3				48.0
	50.0	21.0	22.1	22.1			19.7	20.1				18.3	18.3				50.0
	55.0	16.6	19.8	21.5			15.3	18.7	20.1			14.1	17.7	18.3			55.0
	60.0	13.1	15.8	18.6			11.8	14.8	17.7			10.5	13.7	16.9			60.0
	65.0	10.1	12.5	14.9	15.7		8.8	11.4	14.0	16.3		7.5	10.4	13.2	16.5		65.0
	70.0	7.5	9.7	11.8	14.8	11.9	6.2	8.6	10.9	14.1	12.4		7.6	10.0	13.5		70.0
	75.0	5.2	7.2	9.1	11.7	11.5		6.1	8.2	11.0	11.9			7.3	10.4	12.1	75.0
	80.0		5.0	6.7	8.9	10.5			5.8	8.2	10.1				7.6	9.7	80.0
	85.0			4.5	6.4					5.7	7.2				5.1	6.8	85.0
	90.0				4.0												90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
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	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	54~82	55~82	55~82	56~82	69~82	58~82	60~82	61~82	62~82	66~82	63~82	65~82	66~82	64~82	67~82	°
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0	70.8					61.0										20.0
	22.0	70.8					61.0					52.5					22.0
	24.0	63.4	68.0				61.0	61.0				52.5					24.0
	26.0	56.5	60.7				55.0	59.5				52.5	52.5				26.0
	28.0	50.6	54.4	58.1			49.0	53.2	57.1			47.6	52.0				28.0
	30.0	45.3	48.9	52.3			43.8	47.6	51.2			42.4	46.4	50.3			30.0
	32.0	40.7	44.0	47.1	49.2		39.2	42.7	46.1			37.8	41.5	45.1			32.0
	34.0	36.6	39.7	42.5	46.4		35.0	38.3	41.4	45.6		33.6	37.1	40.4			34.0
	36.0	32.9	35.7	38.4	41.9	38.9	31.3	34.4	37.3	41.1		29.9	33.2	36.3	40.3		36.0
	38.0	29.6	32.2	34.7	37.9	38.4	28.0	30.9	33.6	37.0	38.8	26.6	29.7	32.5	36.2	39.1	38.0
	40.0	26.5	29.0	31.3	34.3	36.4	25.0	27.7	30.2	33.4	35.7	23.6	26.5	29.1	32.6	35.1	40.0
	42.0	23.8	26.1	28.2	30.9	32.8	22.3	24.8	27.1	30.0	32.1	20.9	23.5	26.0	29.2	31.5	42.0
	44.0	21.3	23.4	25.4	27.9	29.5	19.8	22.1	24.2	27.0	28.8	18.4	20.9	23.2	26.1	28.2	44.0
	46.0	19.0	21.0	22.8	25.0	26.4	17.5	19.6	21.6	24.1	25.8	16.1	18.4	20.6	23.3	25.1	46.0
	48.0	16.9	18.7	20.4	22.4	23.6	15.4	17.4	19.2	21.5	22.9	14.0	16.2	18.2	20.7	22.3	48.0
	50.0	14.9	16.7	18.2	20.0		13.4	15.3	17.0	19.1		12.0	14.1	15.9	18.2	19.7	50.0
	55.0	10.7	12.1	13.3	14.6		9.1	10.7	12.1	13.7		7.7	9.5	11.0	12.9		55.0
	60.0	7.1	8.2	9.1			5.6	6.9	8.0	9.1			5.6	6.9	8.3		60.0
	65.0			5.5													65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	42~82	44~82	39~82	55~82	65~82	45~82	48~82	50~82	52~82	67~82	53~82	51~82	53~82	55~82	67~82	°
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

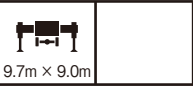
					
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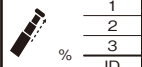
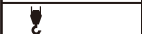
	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
	合計ブーム長さ	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0	52.2															22.0
	24.0	52.2					46.1										24.0
	26.0	52.2					46.1					40.5					26.0
	28.0	52.2	52.2				46.1					40.5					28.0
	30.0	47.0	51.5				46.0	46.1				40.5	40.5				30.0
	32.0	42.3	46.6				41.4	45.9				40.0	40.5				32.0
	34.0	38.2	42.1	44.5			37.2	41.5	45.5			35.8	40.3				34.0
	36.0	34.4	38.2	41.7			33.5	37.5	41.3			32.1	36.3	40.3			36.0
	38.0	31.1	34.6	37.9			30.1	33.9	37.4			28.7	32.7	36.5			38.0
	40.0	28.1	31.3	34.5	34.2		27.1	30.6	33.9			25.7	29.4	33.0			40.0
	42.0	25.3	28.4	31.3	33.5		24.3	27.6	30.7	35.0		22.9	26.4	29.8	34.3		42.0
	44.0	22.8	25.7	28.4	32.1	27.3	21.8	24.9	27.8	31.8		20.4	23.7	26.8	31.0		44.0
	46.0	20.5	23.2	25.7	29.2	26.9	19.5	22.4	25.2	28.8	28.0	18.1	21.2	24.1	28.1	28.3	46.0
	48.0	18.4	20.9	23.3	26.5	26.6	17.3	20.1	22.7	26.1	27.7	15.9	18.9	21.7	25.3	28.0	48.0
	50.0	16.4	18.8	21.0	24.0	26.1	15.4	18.0	20.4	23.6	26.0	14.0	16.8	19.4	22.8	25.4	50.0
	55.0	12.1	14.1	16.0	18.4	20.0	11.1	13.3	15.3	18.0	19.8	9.6	12.1	14.3	17.2	19.2	55.0
	60.0	8.5	10.2	11.8	13.7		7.4	9.3	11.1	13.2		6.0	8.1	10.0	12.4	13.9	60.0
	65.0	5.5	6.9	8.1	9.5			5.9	7.4	9.0				6.3	8.3		65.0
	70.0									5.4							70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	45~82	48~82	51~82	54~82	67~82	52~82	51~82	54~82	51~82	69~82	54~82	57~82	56~82	59~82	66~82	°
	t	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

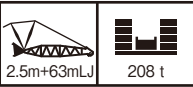
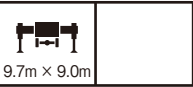
					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
	合計ブーム長さ	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0	38.5															24.0
	26.0	38.5					34.5										26.0
	28.0	38.5					34.5					30.8					28.0
	30.0	38.5					34.5					30.8					30.0
	32.0	38.5	38.5				34.5					30.8					32.0
	34.0	38.5	38.5				34.5	34.5				30.8					34.0
	36.0	36.2	38.5				34.5	34.5				30.8	30.8				36.0
	38.0	32.8	37.0	35.6			31.3	34.5				29.8	30.8				38.0
	40.0	29.8	33.7	34.4			28.2	32.5	34.5			26.8	30.8				40.0
	42.0	27.0	30.7	33.2			25.5	29.5	33.3			24.0	28.2	30.8			42.0
	44.0	24.5	28.0	31.4			22.9	26.7	30.4			21.4	25.5	29.4			44.0
	46.0	22.1	25.4	28.7	26.4		20.6	24.2	27.6			19.1	22.9	26.6			46.0
	48.0	20.0	23.1	26.1	25.8		18.4	21.8	25.1	26.1		17.0	20.6	24.1			48.0
	50.0	18.0	21.0	23.8	25.2		16.5	19.7	22.8	25.6		15.0	18.4	21.7	25.9		50.0
	55.0	13.6	16.2	18.7	22.1	20.0	12.1	14.9	17.6	21.2	20.2	10.7	13.7	16.6	20.5	20.5	55.0
	60.0	10.0	12.2	14.4	17.2	19.3	8.5	10.9	13.2	16.3	18.7	7.0	9.7	12.2	15.5	18.1	60.0
	65.0	6.9	8.8	10.6	13.0	14.5	5.4	7.5	9.5	12.1	13.9		6.2	8.4	11.3	13.4	65.0
	70.0		5.9	7.4	9.2				6.2	8.4				5.2	7.6		70.0
	75.0				5.9					5.1							75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	51~82	51~82	54~82	52~82	66~82	53~82	57~82	57~82	55~82	68~82	59~82	59~82	59~82	62~82	69~82	°
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0	29.4															28.0
	30.0	29.4					26.6					24.1					30.0
	32.0	29.4					26.6					24.1					32.0
	34.0	29.4					26.6					24.1					34.0
	36.0	29.4	29.4				26.6					24.1					36.0
	38.0	29.4	29.4				26.6	26.6				24.1					38.0
	40.0	29.4	29.4				26.6	26.6				24.1	24.1				40.0
	42.0	27.8	29.4				26.2	26.6				24.1	24.1				42.0
	44.0	25.2	29.3	27.2			23.7	26.6				22.2	24.1				44.0
	46.0	22.9	26.7	26.3			21.3	25.5	26.6			19.9	24.1				46.0
	48.0	20.7	24.4	25.5			19.2	23.2	25.8			17.7	21.9	24.1			48.0
	50.0	18.7	22.2	24.7			17.2	21.0	24.6			15.7	19.7	23.7			50.0
	55.0	14.3	17.4	20.4	19.5		12.8	16.2	19.4	19.8		11.4	14.9	18.4			55.0
	60.0	10.7	13.4	16.0	18.5	15.1	9.2	12.1	15.0	18.7		7.7	10.9	13.9	18.2		60.0
	65.0	7.6	9.9	12.3	15.5	14.5	6.0	8.7	11.2	14.6	14.7		7.4	10.1	13.9	14.9	65.0
	70.0		7.0	9.0	11.7	13.7		5.7	7.9	10.9	13.2			6.8	10.1	12.6	70.0
	75.0			6.1	8.4				5.0	7.5	9.3				6.7	8.8	75.0
	80.0				5.3												80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	56~82	57~82	57~82	57~82	70~82	58~82	59~82	59~82	64~82	67~82	62~82	64~82	64~82	65~82	68~82	°
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0	22.1															30.0
	32.0	22.1					20.1										32.0
	34.0	22.1					20.1					18.3					34.0
	36.0	22.1					20.1					18.3					36.0
	38.0	22.1					20.1					18.3					38.0
	40.0	22.1	22.1				20.1					18.3					40.0
	42.0	22.1	22.1				20.1	20.1				18.3					42.0
	44.0	22.1	22.1				20.1	20.1				18.3	18.3				44.0
	46.0	22.1	22.1				20.1	20.1				18.3	18.3				46.0
	48.0	22.1	22.1				20.1	20.1				18.3	18.3				48.0
	50.0	20.9	22.1	22.1			19.4	20.1				18.0	18.3				50.0
	55.0	16.5	20.0	21.5			15.0	18.8	20.1			13.6	17.6	18.3			55.0
	60.0	12.8	15.9	19.0			11.3	14.7	18.0			9.9	13.5	17.1			60.0
	65.0	9.6	12.4	15.1	15.7		8.1	11.2	14.1	16.3		6.7	10.0	13.2	16.5		65.0
	70.0	6.9	9.4	11.8	14.9	11.9	5.4	8.1	10.8	14.5	12.4	4.0	6.9	9.8	13.8		70.0
	75.0	4.5	6.7	8.9	11.8	11.5	3.0	5.5	7.8	11.1	11.9		4.3	6.8	10.3	12.1	75.0
	80.0		4.4	6.2	8.8	10.7		3.1	5.2	8.0	10.2			4.2	7.3	9.7	80.0
	85.0			3.9	6.0					5.2	6.9				4.5	6.4	85.0
	90.0				3.4												90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	54~82	55~82	55~82	56~82	69~82	55~82	57~82	61~82	62~82	66~82	60~82	62~82	63~82	64~82	67~82	°
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

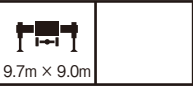
					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	32.0																32.0
	34.0	16.8					15.3										34.0
	36.0	16.8					15.3					14.0					36.0
	38.0	16.8					15.3					14.0					38.0
	40.0	16.8					15.3					14.0					40.0
	42.0	16.8					15.3					14.0					42.0
	44.0	16.8					15.3					14.0					44.0
	46.0	16.8	16.8				15.3	15.3				14.0					46.0
	48.0	16.8	16.8				15.3	15.3				14.0	14.0				48.0
	50.0	16.8	16.8				15.3	15.3				14.0	14.0				50.0
	55.0	16.8	16.8	16.1			15.3	15.3				14.0	14.0				55.0
	60.0	13.4	16.7	15.4			11.9	15.3	15.3			10.5	14.0	14.0			60.0
	65.0	10.2	13.4	14.7			8.8	12.2	14.8			7.4	11.0	14.0			65.0
	70.0	7.5	10.3	13.1	12.7		6.0	9.1	12.2	12.9		4.6	8.0	11.2			70.0
	75.0	5.1	7.6	10.2	12.0		3.6	6.4	9.2	12.2			5.3	8.2	12.3		75.0
	80.0	3.0	5.3	7.6	10.8	8.9		4.1	6.5	10.0	9.0			5.6	9.3	9.1	80.0
	85.0		3.2	5.2	8.0	8.5			4.2	7.3	8.7			3.2	6.5	8.8	85.0
	90.0			3.1	5.5	7.3				4.7	6.8				4.0	6.3	90.0
	95.0				3.2											3.5	95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	55~82	57~82	58~82	59~82	68~82	59~82	61~82	63~82	65~82	69~82	63~82	65~82	64~82	67~82	66~82	°
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

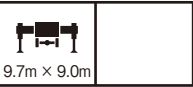
					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	32.0																32.0
	34.0																34.0
	36.0	12.1															36.0
	38.0	12.1					11.1										38.0
	40.0	12.1					11.1					10.1					40.0
	42.0	12.1					11.1					10.1					42.0
	44.0	12.1					11.1					10.1					44.0
	46.0	12.1					11.1					10.1					46.0
	48.0	12.1					11.1					10.1					48.0
	50.0	12.1	12.1				11.1	11.1				10.1					50.0
	55.0	12.1	12.1				11.1	11.1				10.1	10.1				55.0
	60.0	12.1	12.1				11.1	11.1				10.1	10.1				60.0
	65.0	10.3	12.1	12.1			8.9	11.1	11.1			7.5	10.1	10.1			65.0
	70.0	7.5	10.7	12.1			6.1	9.6	11.1			4.8	8.5	10.1			70.0
	75.0	5.2	8.0	10.9	9.8		3.7	6.9	10.0				5.8	9.1			75.0
	80.0	3.1	5.7	8.3	9.1			4.5	7.3	9.3			3.4	6.4	9.4		80.0
	85.0		3.6	5.9	8.5	6.3			4.9	8.6				4.0	8.0		85.0
	90.0			3.8	6.8	5.9				6.1	6.1				5.4	6.2	90.0
	95.0				4.5	5.7				3.8	5.8				3.1	5.8	95.0
	100.0					4.1					3.7					3.2	100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	58~82	61~82	63~82	66~82	67~82	62~82	65~82	67~82	68~82	68~82	65~82	66~82	68~82	69~82	70~82	°
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0	70.8					61.0										20.0
	22.0	69.8					61.0					52.5					22.0
	24.0	61.9	66.5				60.4	61.0				52.5					24.0
	26.0	55.1	59.4				53.6	58.1				52.2	52.5				26.0
	28.0	49.2	53.1	56.8			47.7	51.9	55.8			46.3	50.7				28.0
	30.0	44.1	47.7	51.1			42.5	46.4	50.0			41.1	45.2	49.0			30.0
	32.0	39.5	42.8	46.0	49.2		38.0	41.5	44.9			36.6	40.3	43.9			32.0
	34.0	35.4	38.5	41.4	45.3		33.9	37.2	40.3	44.4		32.5	36.0	39.3			34.0
	36.0	31.8	34.7	37.3	40.9	38.9	30.3	33.3	36.2	40.0		28.9	32.1	35.2	39.2		36.0
	38.0	28.5	31.2	33.7	36.9	38.4	27.0	29.9	32.5	36.0	38.7	25.6	28.6	31.5	35.2	38.1	38.0
	40.0	25.6	28.0	30.3	33.3	35.4	24.0	26.7	29.2	32.4	34.8	22.6	25.5	28.1	31.6	34.2	40.0
	42.0	22.9	25.2	27.3	30.0	31.9	21.3	23.8	26.1	29.1	31.2	19.9	22.6	25.1	28.3	30.6	42.0
	44.0	20.4	22.5	24.5	27.0	28.6	18.8	21.2	23.3	26.1	27.9	17.4	20.0	22.3	25.2	27.3	44.0
	46.0	18.1	20.1	21.9	24.2	25.6	16.6	18.8	20.8	23.3	24.9	15.2	17.5	19.7	22.4	24.3	46.0
	48.0	16.0	17.9	19.6	21.6	22.8	14.5	16.5	18.4	20.7	22.1	13.1	15.3	17.3	19.8	21.5	48.0
	50.0	14.1	15.8	17.4	19.2		12.6	14.5	16.2	18.3		11.2	13.3	15.1	17.4	18.8	50.0
	55.0	9.9	11.3	12.6	13.9		8.4	10.0	11.4	13.0		7.0	8.7	10.3	12.1		55.0
	60.0	6.4	7.5	8.4				6.2	7.3	8.4				6.2	7.6		60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	42~82	44~82	47~82	55~82	65~82	50~82	48~82	50~82	52~82	67~82	53~82	56~82	53~82	55~82	67~82	°
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0	52.2															22.0
	24.0	52.2					46.1										24.0
	26.0	52.2					46.1					40.5					26.0
	28.0	50.9	52.2				46.1					40.5					28.0
	30.0	45.7	50.3				44.8	46.1				40.5	40.5				30.0
	32.0	41.1	45.4				40.2	44.7				38.8	40.5				32.0
	34.0	37.0	41.0	44.5			36.1	40.3	44.4			34.7	39.2				34.0
	36.0	33.4	37.1	40.7			32.4	36.4	40.2			31.0	35.2	39.3			36.0
	38.0	30.1	33.6	36.9			29.1	32.8	36.4			27.7	31.7	35.4			38.0
	40.0	27.1	30.4	33.5	34.2		26.1	29.6	33.0			24.7	28.4	32.0			40.0
	42.0	24.4	27.4	30.4	33.5		23.4	26.7	29.8	34.1		22.0	25.5	28.8	33.3		42.0
	44.0	21.9	24.8	27.5	31.2	27.3	20.9	24.0	26.9	30.9		19.5	22.8	25.9	30.2		44.0
	46.0	19.6	22.3	24.9	28.3	26.9	18.6	21.5	24.3	28.0	28.0	17.2	20.3	23.3	27.2	28.3	46.0
	48.0	17.5	20.1	22.5	25.6	26.6	16.5	19.3	21.8	25.3	27.7	15.1	18.0	20.8	24.5	27.4	48.0
	50.0	15.6	18.0	20.2	23.2	25.3	14.6	17.2	19.6	22.8	25.2	13.2	15.9	18.6	22.0	24.6	50.0
	55.0	11.4	13.4	15.3	17.7	19.3	10.3	12.5	14.6	17.2	19.0	8.9	11.3	13.6	16.4	18.5	55.0
	60.0	7.8	9.5	11.1	13.0		6.7	8.6	10.4	12.5		5.3	7.4	9.3	11.7	13.2	60.0
	65.0		6.2	7.5	8.9			5.3	6.7	8.4				5.7	7.6		65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	49~82	48~82	51~82	54~82	67~82	52~82	51~82	54~82	57~82	69~82	54~82	57~82	56~82	59~82	66~82	°
		6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0	38.5															24.0
	26.0	38.5					34.5										26.0
	28.0	38.5					34.5					30.8					28.0
	30.0	38.5					34.5					30.8					30.0
	32.0	38.5	38.5				34.5					30.8					32.0
	34.0	38.5	38.5				34.5	34.5				30.8					34.0
	36.0	35.1	38.5				33.6	34.5				30.8	30.8				36.0
	38.0	31.8	36.0	35.6			30.3	34.5				28.8	30.8				38.0
	40.0	28.8	32.8	34.4			27.3	31.5	34.5			25.8	30.3				40.0
	42.0	26.1	29.8	33.2			24.5	28.5	32.4			23.0	27.3	30.8			42.0
	44.0	23.6	27.1	30.5			22.0	25.8	29.5			20.5	24.6	28.5			44.0
	46.0	21.3	24.6	27.8	26.4		19.7	23.3	26.8			18.2	22.1	25.8			46.0
	48.0	19.1	22.3	25.3	25.8		17.6	21.0	24.3	26.1		16.1	19.8	23.2			48.0
	50.0	17.2	20.2	23.0	25.2		15.7	18.9	22.0	25.6		14.2	17.6	20.9	25.5		50.0
	55.0	12.9	15.5	18.0	21.3	20.0	11.4	14.2	16.9	20.5	20.2	9.9	12.9	15.8	19.7	20.5	55.0
	60.0	9.3	11.5	13.7	16.5	18.6	7.8	10.2	12.6	15.7	18.0	6.3	9.0	11.5	14.9	17.5	60.0
	65.0	6.2	8.2	10.0	12.3	13.9		6.9	8.9	11.5	13.3		5.6	7.8	10.7	12.7	65.0
	70.0		5.3	6.8	8.6				5.7	7.8					7.0		70.0
	75.0				5.3												75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	51~82	51~82	54~82	52~82	66~82	57~82	57~82	57~82	60~82	68~82	59~82	59~82	62~82	62~82	69~82	°
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0	29.4															28.0
	30.0	29.4					26.6					24.1					30.0
	32.0	29.4					26.6					24.1					32.0
	34.0	29.4					26.6					24.1					34.0
	36.0	29.4	29.4				26.6					24.1					36.0
	38.0	29.4	29.4				26.6	26.6				24.1					38.0
	40.0	29.4	29.4				26.6	26.6				24.1	24.1				40.0
	42.0	26.8	29.4				25.3	26.6				23.8	24.1				42.0
	44.0	24.3	28.4	27.2			22.8	26.6				21.3	24.1				44.0
	46.0	22.0	25.9	26.3			20.5	24.7	26.6			19.0	23.5				46.0
	48.0	19.9	23.6	25.5			18.3	22.3	25.8			16.9	21.1	24.1			48.0
	50.0	17.9	21.4	24.7			16.4	20.2	23.9			14.9	18.9	22.9			50.0
	55.0	13.6	16.7	19.7	19.5		12.1	15.4	18.7	19.8		10.6	14.2	17.7			55.0
	60.0	10.0	12.7	15.4	18.5	15.1	8.5	11.4	14.3	18.3		7.0	10.2	13.3	17.5		60.0
	65.0	6.9	9.3	11.6	14.8	14.5	5.4	8.0	10.5	14.0	14.7		6.8	9.5	13.2	14.9	65.0
	70.0		6.4	8.4	11.1	13.2		5.1	7.3	10.3	12.6			6.2	9.5	12.0	70.0
	75.0			5.5	7.8					7.0	8.8				6.2	8.2	75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	56~82	57~82	57~82	62~82	70~82	58~82	59~82	63~82	64~82	67~82	62~82	64~82	64~82	65~82	68~82	°
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

ラフィングジブ

 4段ESP+25.0m2FB	 2.5m+63mLJ	 195 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	20.0															20.0
	22.0															22.0
	24.0															24.0
	26.0															26.0
	28.0															28.0
	30.0	22.1														30.0
	32.0	22.1				20.1										32.0
	34.0	22.1				20.1					18.3					34.0
	36.0	22.1				20.1					18.3					36.0
	38.0	22.1				20.1					18.3					38.0
	40.0	22.1	22.1			20.1					18.3					40.0
	42.0	22.1	22.1			20.1	20.1				18.3					42.0
	44.0	22.1	22.1			20.1	20.1				18.3	18.3				44.0
	46.0	22.1	22.1			20.1	20.1				18.3	18.3				46.0
	48.0	22.1	22.1			20.1	20.1				18.3	18.3				48.0
	50.0	20.1	22.1	22.1		18.6	20.1				17.2	18.3				50.0
	55.0	15.7	19.3	21.5		14.3	18.1	20.1			12.8	16.9	18.3			55.0
	60.0	12.1	15.2	18.3		10.6	14.0	17.3			9.2	12.8	16.4			60.0
	65.0	9.0	11.8	14.5	15.7	7.5	10.5	13.5	16.3		6.1	9.3	12.5	16.5		65.0
	70.0	6.3	8.8	11.2	14.6	4.8	7.5	10.2	13.9	12.4	3.4	6.3	9.2	13.2		70.0
	75.0	3.9	6.2	8.3	11.3	11.5	4.9	7.3	10.5	11.9		3.7	6.3	9.8	12.1	75.0
	80.0		3.8	5.7	8.3	10.2		4.7	7.5	9.7			3.7	6.7	9.2	80.0
	85.0			3.4	5.5				4.7	6.4				4.0	5.9	85.0
	90.0				3.0											90.0
	95.0															95.0
	100.0															100.0
	105.0															105.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	5	5	5	5	5	ID
 °	54~82	55~82	55~82	56~82	69~82	58~82	60~82	61~82	62~82	66~82	60~82	62~82	63~82	64~82	67~82	°
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

 4段ESP+25.0m2FB	 2.5m+72mLJ	 195 t	 9.7m x 9.0m	 360°	 JPN
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 m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
 °	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
 m	20.0															20.0
	22.0															22.0
	24.0															24.0
	26.0															26.0
	28.0															28.0
	30.0															30.0
	32.0															32.0
	34.0	16.8				15.3										34.0
	36.0	16.8				15.3					14.0					36.0
	38.0	16.8				15.3					14.0					38.0
	40.0	16.8				15.3					14.0					40.0
	42.0	16.8				15.3					14.0					42.0
	44.0	16.8				15.3					14.0					44.0
	46.0	16.8	16.8			15.3	15.3				14.0					46.0
	48.0	16.8	16.8			15.3	15.3				14.0	14.0				48.0
	50.0	16.8	16.8			15.3	15.3				14.0	14.0				50.0
	55.0	16.4	16.8	16.1		14.9	15.3				13.5	14.0				55.0
	60.0	12.7	16.2	15.4		11.2	15.1	15.3			9.8	13.9	14.0			60.0
	65.0	9.6	12.7	14.7		8.1	11.6	14.8			6.7	10.4	14.0			65.0
	70.0	6.9	9.7	12.6	12.7	5.4	8.5	11.6	12.9		4.0	7.4	10.7			70.0
	75.0	4.5	7.1	9.6	12.0	3.1	5.9	8.6	12.2			4.7	7.7	11.9		75.0
	80.0		4.8	7.0	10.2		3.5	6.0	9.5	9.0			5.1	8.8	9.1	80.0
	85.0			4.7	7.5	8.5		3.7	6.8	8.7				6.1	8.8	85.0
	90.0				5.0	6.9			4.3	6.4				3.5	5.9	90.0
	95.0														3.1	95.0
	100.0															100.0
	105.0															105.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	5	5	5	5	5	ID
 °	58~82	60~82	61~82	64~82	68~82	59~82	61~82	63~82	65~82	69~82	63~82	65~82	67~82	67~82	66~82	°
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	32.0																32.0
	34.0																34.0
	36.0	12.1															36.0
	38.0	12.1					11.1										38.0
	40.0	12.1					11.1					10.1					40.0
	42.0	12.1					11.1					10.1					42.0
	44.0	12.1					11.1					10.1					44.0
	46.0	12.1					11.1					10.1					46.0
	48.0	12.1					11.1					10.1					48.0
	50.0	12.1	12.1				11.1	11.1				10.1					50.0
	55.0	12.1	12.1				11.1	11.1				10.1	10.1				55.0
	60.0	12.1	12.1				11.1	11.1				10.0	10.1				60.0
	65.0	9.7	12.1	12.1			8.2	11.1	11.1			6.9	10.1	10.1			65.0
	70.0	7.0	10.1	12.1			5.5	9.0	11.1			4.2	7.9	10.1			70.0
	75.0	4.6	7.5	10.4	9.8		3.2	6.3	9.4				5.2	8.6			75.0
	80.0		5.2	7.8	9.1			4.0	6.8	9.3				5.9	9.4		80.0
	85.0		3.1	5.4	8.5	6.3			4.5	8.2				3.5	7.5		85.0
	90.0			3.3	6.4	5.9				5.7	6.1				5.0	6.2	90.0
	95.0				4.1	5.7				3.4	5.8					5.3	95.0
	100.0					3.7					3.2						100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	61~82	61~82	63~82	66~82	67~82	62~82	65~82	67~82	68~82	68~82	65~82	68~82	68~82	72~82	74~82	°
	t	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0	70.8					61.0										20.0
	22.0	65.9					61.0					52.5					22.0
	24.0	58.3	62.9				56.7	61.0				52.5					24.0
	26.0	51.7	56.0				50.2	54.7				48.8	52.5				26.0
	28.0	46.0	49.9	53.6			44.5	48.6	52.6			43.1	47.5				28.0
	30.0	41.0	44.6	48.0			39.5	43.3	47.0			38.1	42.1	46.0			30.0
	32.0	36.6	39.9	43.1	47.3		35.1	38.6	42.0			33.6	37.4	41.0			32.0
	34.0	32.7	35.8	38.7	42.6		31.1	34.5	37.6	41.7		29.7	33.2	36.6			34.0
	36.0	29.2	32.0	34.7	38.3	38.9	27.6	30.7	33.6	37.4		26.2	29.5	32.6	36.6		36.0
	38.0	26.0	28.7	31.2	34.4	36.8	24.5	27.3	30.0	33.5	36.2	23.0	26.1	29.0	32.7	35.6	38.0
	40.0	23.1	25.6	27.9	30.9	33.1	21.6	24.3	26.8	30.0	32.4	20.2	23.1	25.7	29.2	31.8	40.0
	42.0	20.5	22.9	25.0	27.7	29.6	19.0	21.5	23.8	26.8	28.9	17.6	20.3	22.8	26.0	28.3	42.0
	44.0	18.2	20.3	22.3	24.8	26.4	16.6	19.0	21.1	23.9	25.7	15.2	17.7	20.0	23.0	25.1	44.0
	46.0	16.0	18.0	19.8	22.1	23.5	14.4	16.6	18.6	21.1	22.8	13.0	15.4	17.6	20.3	22.1	46.0
	48.0	14.0	15.8	17.5	19.6	20.7	12.4	14.5	16.3	18.6	20.0	11.0	13.2	15.3	17.8	19.4	48.0
	50.0	12.1	13.9	15.4	17.2		10.6	12.5	14.2	16.3		9.2	11.3	13.1	15.4	16.9	50.0
	55.0	8.1	9.5	10.7	12.0		6.5	8.1	9.5	11.1		5.1	6.9	8.5	10.3		55.0
	60.0		5.8	6.8					5.6	6.7					5.9		60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	47~82	44~82	47~82	55~82	65~82	50~82	53~82	50~82	52~82	67~82	53~82	56~82	58~82	55~82	67~82	°
	t	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	

ラフィングジブ

 4段ESP+25.0m2FB	 2.5m+36mLJ	 164 t	 9.7m × 9.0m	 360 °	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0	52.2															22.0
	24.0	52.2					46.1										24.0
	26.0	52.2					46.1					40.5					26.0
	28.0	47.7	52.2				46.1					40.5					28.0
	30.0	42.7	47.3				41.7	46.1				40.3	40.5				30.0
	32.0	38.2	42.5				37.3	41.9				35.9	40.5				32.0
	34.0	34.3	38.3	42.2			33.3	37.6	41.7			31.9	36.4				34.0
	36.0	30.8	34.5	38.1			29.8	33.8	37.6			28.4	32.6	36.7			36.0
	38.0	27.6	31.1	34.4			26.6	30.3	33.9			25.2	29.2	33.0			38.0
	40.0	24.7	28.0	31.1	34.2		23.7	27.2	30.6			22.3	26.0	29.6			40.0
	42.0	22.1	25.1	28.1	32.1		21.1	24.4	27.5	31.8		19.7	23.2	26.5	31.1		42.0
	44.0	19.7	22.6	25.3	29.0	27.3	18.7	21.8	24.7	28.7		17.3	20.6	23.7	28.0		44.0
	46.0	17.5	20.2	22.8	26.2	26.9	16.5	19.4	22.2	25.9	28.0	15.1	18.2	21.2	25.1	28.2	46.0
	48.0	15.5	18.0	20.4	23.6	26.1	14.4	17.2	19.8	23.3	25.9	13.0	16.0	18.8	22.5	25.3	48.0
	50.0	13.6	16.0	18.3	21.2	23.4	12.6	15.2	17.6	20.8	23.2	11.2	14.0	16.6	20.0	22.6	50.0
	55.0	9.5	11.6	13.5	15.9	17.5	8.5	10.7	12.8	15.4	17.2	7.1	9.5	11.7	14.6	16.7	55.0
	60.0	6.1	7.9	9.4	11.3		5.0	7.0	8.7	10.8			5.7	7.6	10.0	11.5	60.0
	65.0			5.9	7.3				5.2	6.8					6.1		65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	%	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	49~82	53~82	51~82	54~82	67~82	52~82	55~82	54~82	57~82	69~82	58~82	57~82	60~82	59~82	66~82	°
		6	6	6	6	6	4	4	4	4	4	4	4	4	4		
		150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t	150t		

 4段ESP+25.0m2FB	 2.5m+45mLJ	 164 t	 9.7m × 9.0m	 360 °	 JPN
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0	38.5															24.0
	26.0	38.5					34.5										26.0
	28.0	38.5					34.5					30.8					28.0
	30.0	38.5					34.5					30.8					30.0
	32.0	38.5	38.5				34.5					30.8					32.0
	34.0	36.1	38.5				34.5	34.5				30.8					34.0
	36.0	32.5	37.0				31.0	34.5				29.5	30.8				36.0
	38.0	29.3	33.5	35.6			27.8	32.3				26.3	30.8				38.0
	40.0	26.4	30.4	34.3			24.9	29.1	33.3			23.4	27.9				40.0
	42.0	23.8	27.5	31.2			22.2	26.3	30.2			20.7	25.0	29.2			42.0
	44.0	21.4	24.9	28.3			19.8	23.6	27.3			18.3	22.4	26.3			44.0
	46.0	19.1	22.5	25.7	26.4		17.6	21.2	24.7			16.1	20.0	23.7			46.0
	48.0	17.1	20.3	23.3	25.8		15.6	19.0	22.3	26.1		14.1	17.7	21.2			48.0
	50.0	15.2	18.2	21.1	25.1		13.7	16.9	20.0	24.3		12.2	15.7	19.0	23.5		50.0
	55.0	11.1	13.7	16.2	19.5	20.0	9.6	12.4	15.1	18.7	20.2	8.1	11.1	14.0	18.0	20.5	55.0
	60.0	7.6	9.9	12.0	14.9	17.0	6.1	8.6	10.9	14.0	16.4		7.3	9.8	13.2	15.8	60.0
	65.0		6.6	8.4	10.8	12.3		5.3	7.3	9.9	11.7			6.2	9.1	11.2	65.0
	70.0			5.3	7.2					6.3					5.5		70.0
	75.0																75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	55~82	55~82	54~82	58~82	66~82	57~82	57~82	61~82	60~82	68~82	62~82	63~82	62~82	62~82	69~82	°
		4	4	4	4	4	4	4	4	4	4	4	4	4	4		
		80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0	29.4															28.0
	30.0	29.4					26.6					24.1					30.0
	32.0	29.4					26.6					24.1					32.0
	34.0	29.4					26.6					24.1					34.0
	36.0	29.4	29.4				26.6					24.1					36.0
	38.0	29.4	29.4				26.6	26.6				24.1					38.0
	40.0	27.2	29.4				25.7	26.6				24.1	24.1				40.0
	42.0	24.5	28.9				23.0	26.6				21.5	24.1				42.0
	44.0	22.1	26.2	27.2			20.6	25.0				19.1	23.8				44.0
	46.0	19.9	23.8	26.3			18.4	22.6	26.6			16.9	21.4				46.0
	48.0	17.8	21.6	25.2			16.3	20.3	24.2			14.8	19.1	23.2			48.0
	50.0	16.0	19.5	22.9			14.4	18.2	21.9			12.9	17.0	20.9			50.0
	55.0	11.8	14.9	17.9	19.5		10.3	13.6	16.9	19.8		8.8	12.4	15.9			55.0
	60.0	8.3	11.1	13.7	17.4	15.1	6.8	9.8	12.6	16.7		5.3	8.5	11.6	15.9		60.0
	65.0	5.4	7.8	10.1	13.3	14.5		6.5	9.0	12.5	14.7		5.2	8.0	11.7	14.8	65.0
	70.0			7.0	9.7	11.7			5.8	8.9	11.2				8.1	10.6	70.0
	75.0				6.5					5.6	7.4					6.9	75.0
	80.0																80.0
	85.0																85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	56~82	61~82	61~82	62~82	70~82	61~82	62~82	63~82	64~82	67~82	62~82	64~82	68~82	69~82	68~82	°
	t	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	80t	

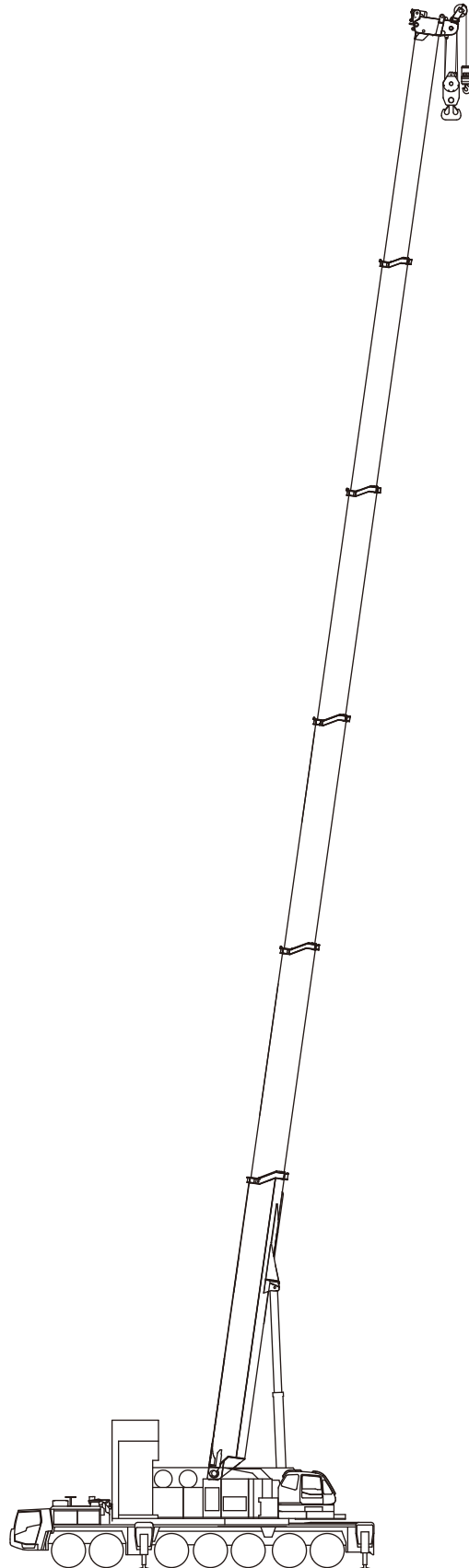
					
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	m	24.1	24.1	24.1	24.1	24.1	28.7	28.7	28.7	28.7	28.7	33.3	33.3	33.3	33.3	33.3	m
合計ブーム長さ	m	49.1	49.1	49.1	49.1	49.1	53.7	53.7	53.7	53.7	53.7	58.3	58.3	58.3	58.3	58.3	m
	°	10	20	30	45	60	10	20	30	45	60	10	20	30	45	60	°
	20.0																20.0
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0	22.1															30.0
	32.0	22.1					20.1										32.0
	34.0	22.1					20.1					18.3					34.0
	36.0	22.1					20.1					18.3					36.0
	38.0	22.1					20.1					18.3					38.0
	40.0	22.1	22.1				20.1					18.3					40.0
	42.0	22.1	22.1				20.1	20.1				18.3					42.0
	44.0	22.1	22.1				20.1	20.1				18.3	18.3				44.0
	46.0	22.1	22.1				20.1	20.1				18.3	18.3				46.0
	48.0	20.1	22.1				18.6	20.1				17.1	18.3				48.0
	50.0	18.1	22.1	22.1			16.7	20.1				15.2	18.3				50.0
	55.0	14.0	17.5	21.0			12.5	16.3	20.0			11.0	15.1	18.3			55.0
	60.0	10.4	13.6	16.7			8.9	12.4	15.7			7.5	11.2	14.7			60.0
	65.0	7.4	10.2	13.0	15.7		5.9	9.0	12.0	16.2		4.5	7.8	11.0	15.5		65.0
	70.0	4.8	7.3	9.8	13.2	11.9	3.4	6.1	8.8	12.5	12.4		4.9	7.8	11.8		70.0
	75.0		4.8	7.0	10.0	11.5		3.5	5.9	9.2	11.8			4.9	8.4	11.3	75.0
	80.0			4.5	7.0	8.9			3.4	6.2	8.4				5.5	7.9	80.0
	85.0				4.3					3.5	5.2					4.7	85.0
	90.0																90.0
	95.0																95.0
	100.0																100.0
	105.0																105.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	2
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	ID	17	17	17	17	17	18	18	18	18	18	5	5	5	5	5	ID
	°	57~82	59~82	59~82	61~82	69~82	58~82	60~82	61~82	62~82	66~82	63~82	64~82	66~82	68~82	67~82	°
	t	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	25t	

MEMO

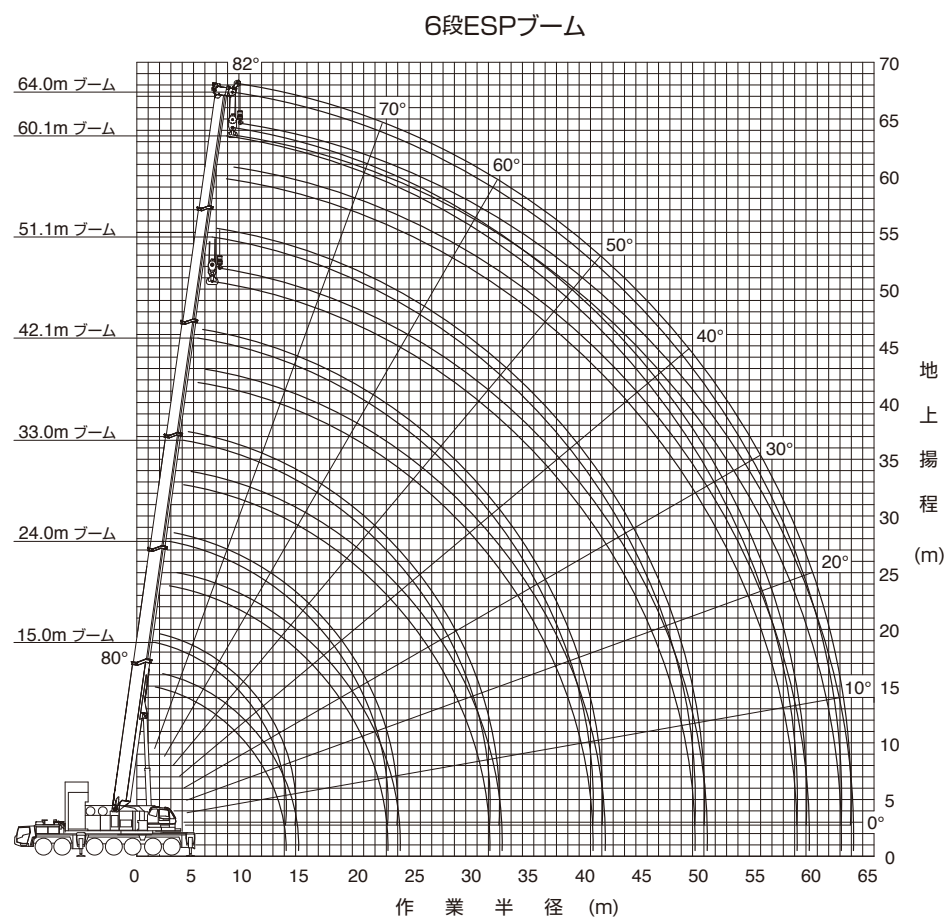
[illegible]

オールテレーンクレーン
AR-7000N-1
6段ESPブーム



6段ESPブーム

6段ESPブーム作業半径－揚程図



(注意) 1. 上図はブームのたわみを含んでいません。
2. カウンタウエイト164 t、アウトリガ張出幅9.0m、センタージャッキ、アシストジャッキ使用時の性能を図示しています。

6段ESPブーム定格総荷重表

■ 定格総荷重表注意事項

- ◆性能設定のあるカウンタウエイトとアウトリガ張出幅の組合せを、下表に○印で示します。
○印は旋回方向によって性能が異なります。
CJ+AJ付はセンタージャッキ、アシストジャッキを装着している状態を示し、AJ付はアシストジャッキを装着している状態を示します。
※同じブーム長さでも、ブームの伸長状態によって定格総荷重が異なります。

【6段ESPブーム】

アウトリガ張出幅 カウンタウエイト	208 t	195 t	164 t	127 t	94 t	57 t	27 t	0 t
9.0 m (CJ+AJ付)	○	○	○	△	△	△	△	△
9.0 m (AJ付)	○	○	○	○	○	○	○	○
9.0 m	○	○	○	○	○	○	○	○
8.0 m	△	△	△	○	○	○	○	○
7.0 m	△	△	△	△	○	○	○	○
5.8 m	△	△	△	△	△	○	○	○
2.6 m	△	△	△	△	△	△	△	◎

- ◆定格総荷重は、つり具質量とフック質量 (350tアタッチメント付フック:3,900kg、350tフック:3,460kg、150tフック:2,400kg、12.5tフック:500kg) を含んだ値を示します。
- ◆定格総荷重は、ブームのたわみを含んだ実際の作業半径に基づいています。
- ◆定格総荷重表中の標準巻掛本数より少ない本数で使用する場合、最大荷重の上限は下表のとおりです。

巻掛本数	18本	17本	16本	14本	13本	12本	11本	10本	7本
最大荷重	208.2t	198.3t	188.7t	168.1t	157.7t	146.5t	134.9t	123.2t	87.5t

ただし、この掛数以外で使用する場合は、ロープ1本当りの荷重は、主巻・補巻ともに12.5t以下です。

- ◆シングルトップ使用時の巻掛本数は1本 (12.5tフック使用) で、定格総荷重はブームの定格総荷重からブームに取り付けられているフックの質量を差し引いた値とし、かつ限度は12.5tです。
- ◆定格総荷重は、アウトリガを水平堅土上に設置したときの値です。
- ◆定格総荷重表は、風による影響を含んでいません。瞬間最大風速が10m/s以上の風速では、クレーン作業を中止してください。
- ◆定格総荷重表中の太線より上側はクレーンの強度に基づき、下側はクレーンの安定に基づいています。

定格総荷重表中のシンボル、記号の説明

	6 段 ESP の定格総荷重を示します。		ブーム長さを示します。
	カウンタウエイト (C/W) 組合せを示します。		作業半径を示します。
	アウトリガ張出幅を示します。		ブーム伸縮状態 (伸縮割合 %) を示します。 IDはブーム伸縮状態に対応する番号を示します。
	センタージャッキ (CJ)、アシストジャッキ (AJ) を装着している状態を示します。		B ピン (ブーム固定ピン) を挿入していないときの定格総荷重の上限を示します。
	アシストジャッキ (AJ) を装着している状態を示します。		無負荷状態で作動可能なブーム起伏角度範囲を示します。
	吊上げ可能な旋回範囲を示します。 360°旋回可能です。		標準巻掛本数を示します。
	前方・後方限定を示します。 旋回可能範囲は性能表に示します。		標準フックを示します。
	定格総荷重の単位を示します。		

6段ESPブーム

■ 定格総荷重表の見方

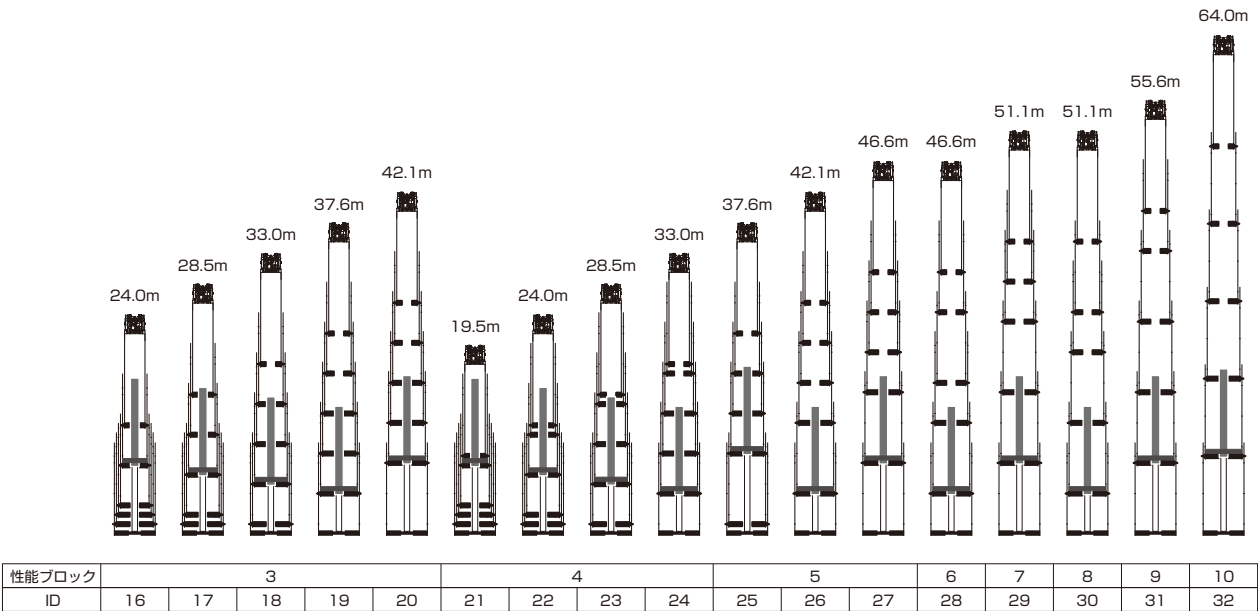
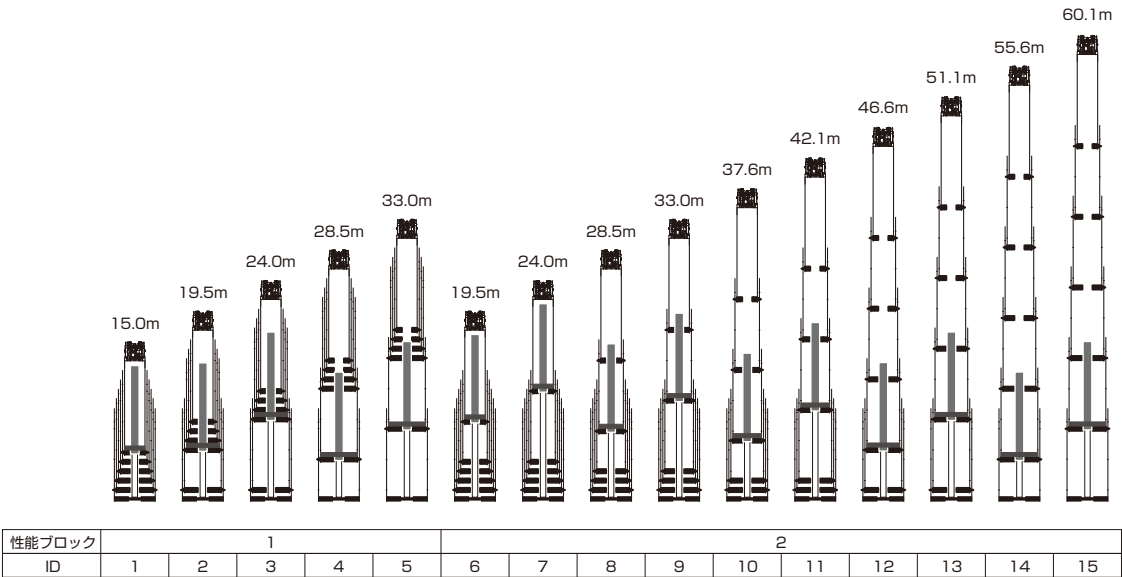
- 1. カウンタウエイトの重量、アウトリガ張出幅、センタージャッキ (CJ) とアシストジャッキ (AJ) の装着の有無に応じた性能を選択します。
- 2. ブーム長さ ID の欄を見ます。
- 3. 作業半径の欄を見ます。
- 4. ブーム長さ、ID と作業半径が交差するところが定格総荷重です。

 6段ESP		 208 t		 9.7m × 9.0m		 CJ+AJ		 360 °		 JPN											
 m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m				
 m	3.0																3.0				
	3.5																3.5				
	4.0																4.0				
	4.5																4.5				
	5.0																5.0				
	6.0	300.0															6.0				
	7.0	300.0	250.0	170.0	170.0												7.0				
	8.0	266.5	250.0	170.0	166.4	250.0	170.0	170.0	110.9	195.0	170.0	170.0	103.5				8.0				
	9.0	236.9	236.4	170.0	153.2	232.6	170.0	168.7	101.5	195.0	170.0	170.0	94.3	195.0	170.0	170.0	98.3				
	10.0	212.9	212.4	170.0	142.0	211.9	170.0	157.6	93.5	195.0	170.0	168.1	86.6	195.0	170.0	170.0	90.9				
	11.0	193.0	192.4	170.0	132.4	191.9	170.0	148.0	87.4	191.6	170.0	158.7	80.1	186.9	170.0	166.2	84.5				
	12.0	169.5	175.7	170.0	124.1	175.2	170.0	139.5	81.4	174.7	170.0	150.3	74.4	173.5	170.0	158.2	78.8				
	14.0		149.0	151.7	110.4	148.5	152.4	125.3	71.7	148.0	151.8	136.2	65.1	146.8	150.3	144.3	69.4				
	16.0		123.6	126.9	100.0	128.2	132.1	113.5	64.0	127.7	131.5	124.7	57.8	126.4	130.0	132.8	62.3				
	18.0					112.4	116.2	102.7	57.9	111.8	115.6	115.2	52.0	110.5	114.1	117.0	56.2				
 %	20.0					94.9	99.0		52.9	98.9	102.8	105.0	47.2	97.7	101.3	104.2	51.2				
	22.0					53.6	57.3		49.1	88.4	92.3	94.6	43.3	87.1	90.7	93.7	46.9				
	24.0									75.5	79.4	81.9	40.1	76.8	81.2	84.8	43.3				
	26.0									51.5	55.2	57.6	37.5	68.0	72.3	75.9	40.2				
	28.0													60.7	64.4	67.5	37.6				
	30.0													45.1	48.2	51.2	35.4				
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0				
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0				
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0				
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90				
 ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID				
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	50.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0				
 °	0~68	0~71	0~71	0~71	0~73	0~73	0~73	0~73	0~75	0~75	0~75	0~75	0~75	0~77	0~77	0~77	0~77				
	14x2	12x2	17	17	12x2	17	17	17	18	17	17	17	17	18	17	17	17				
	350t+ アタッチメント	350t+ アタッチメント	350t	350t	350t+ アタッチメント	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t				

性能ブロック図

性能ブロックはブームの伸縮操作だけでブーム伸縮状態を変更できる一連のIDをまとめたものです。
同じブロック内であればブームの伸縮状態の変更が容易に行えます。

IDはブーム伸縮状態に対応する番号を示します。
ブームの伸縮割合の組み合わせによってブーム伸縮状態が異なります。
同じブーム長さであってもブームの伸縮割合が変わればIDが変わります。



6段ESPブーム

 6段ESP	 208 t	 9.7m x 9.0m	 CJ+AJ	 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0																	3.0
	3.5																	3.5
	4.0																	4.0
	4.5																	4.5
	5.0																	5.0
	6.0	300.0																6.0
	7.0	300.0	250.0	170.0	170.0													7.0
	8.0	266.5	250.0	170.0	166.4	250.0	170.0	170.0	110.9	195.0	170.0	170.0	103.5					8.0
	9.0	236.9	236.4	170.0	153.2	232.6	170.0	168.7	101.5	195.0	170.0	170.0	94.3	195.0	170.0	170.0	98.3	9.0
	10.0	212.9	212.4	170.0	142.0	211.9	170.0	157.6	93.5	195.0	170.0	168.1	86.6	195.0	170.0	170.0	90.9	10.0
	11.0	193.0	192.4	170.0	132.4	191.9	170.0	148.0	87.4	191.6	170.0	158.7	80.1	186.9	170.0	166.2	84.5	11.0
	12.0	169.5	175.7	170.0	124.1	175.2	170.0	139.5	81.4	174.7	170.0	150.3	74.4	173.5	170.0	158.2	78.8	12.0
	14.0		149.0	151.7	110.4	148.5	152.4	125.3	71.7	148.0	151.8	136.2	65.1	146.8	150.3	144.3	69.4	14.0
	16.0		123.6	126.9	100.0	128.2	132.1	113.5	64.0	127.7	131.5	124.7	57.8	126.4	130.0	132.8	62.3	16.0
	18.0					112.4	116.2	102.4	57.9	111.8	115.6	115.2	52.0	110.5	114.1	117.0	56.2	18.0
	20.0					94.9	99.0	93.3	52.9	98.9	102.8	105.0	47.2	97.7	101.3	104.2	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	88.4	92.3	94.6	43.3	87.1	90.7	93.7	46.9	22.0
	24.0									75.5	79.4	81.9	40.1	76.8	81.2	84.8	43.3	24.0
	26.0									51.5	55.2	57.6	37.5	68.0	72.3	75.9	40.2	26.0
	28.0													60.7	64.4	67.5	37.6	28.0
	30.0													45.1	48.2	51.2	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~68	0~71	0~71	0~71	0~73	0~73	0~73	0~73	0~75	0~75	0~75	0~75	0~77	0~77	0~77	0~77	°
		14x2	12x2	17	17	12x2	17	17	17	18	17	17	17	18	17	17	17	
		350t+ アタッチメント	350t+ アタッチメント	350t	350t	350t+ アタッチメント	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0																	7.0
	8.0																	8.0
	9.0	170.0	162.8	101.7	157.0	157.0	101.5											9.0
	10.0	170.0	153.6	95.0	157.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	170.0	145.2	88.9	157.0	147.1	90.4	145.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	163.6	137.5	83.5	157.0	140.3	85.7	139.4	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	150.5	124.2	74.3	143.0	128.2	77.3	128.9	101.0	79.1	112.2	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	131.5	113.0	66.9	130.3	117.8	70.1	118.7	93.1	72.6	104.4	89.6	73.5	91.9	74.0	73.7	66.8	16.0
	18.0	115.6	103.5	60.7	114.4	108.7	64.1	109.6	86.2	66.8	97.5	84.0	68.4	86.5	69.3	69.4	64.3	18.0
	20.0	102.7	95.4	56.0	101.5	100.9	59.0	101.3	80.1	61.8	91.3	77.6	63.8	81.3	65.0	65.5	60.9	20.0
	22.0	92.2	88.5	51.6	90.9	91.9	54.7	90.7	74.7	57.5	85.7	71.7	59.6	76.6	61.2	62.0	57.6	22.0
	24.0	82.9	82.4	47.8	81.4	82.5	51.2	81.1	70.1	53.8	80.6	66.7	55.9	72.3	57.7	58.8	52.9	24.0
	26.0	74.0	74.7	44.6	72.4	73.6	47.9	72.2	66.0	50.5	72.8	62.3	52.7	68.4	54.5	55.9	48.8	26.0
	28.0	66.6	67.3	41.8	65.0	66.2	45.1	64.7	62.4	47.2	65.3	58.5	49.8	64.8	51.6	53.1	45.3	28.0
	30.0	60.4	61.1	39.3	58.7	59.9	42.5	58.4	59.2	43.8	59.0	55.1	47.2	59.8	49.1	50.6	42.1	30.0
	32.0	55.1	55.8	37.2	53.4	54.5	40.3	53.0	55.3	40.9	53.6	52.1	44.9	54.4	46.7	48.3	39.4	32.0
	34.0	44.2	44.7	35.5	48.7	49.9	38.3	48.4	50.6	38.3	48.9	49.4	42.2	49.7	44.6	46.2	36.9	34.0
	36.0				44.7	45.8	36.6	44.3	46.5	36.0	44.8	47.0	39.7	45.5	42.7	44.3	34.7	36.0
	38.0				38.1	38.8	35.1	40.8	42.9	33.9	41.2	43.5	37.5	41.9	41.0	42.5	32.7	38.0
	40.0				22.8	23.2	27.9	37.6	39.8	32.1	38.0	40.3	35.5	38.7	39.0	40.0	30.9	40.0
	42.0							33.5	35.5	30.5	35.1	37.5	33.6	35.8	37.0	37.1	29.2	42.0
	44.0																	
	46.0																	
	48.0										30.1	32.0	30.6	31.0	33.1	32.1	26.4	46.0
	50.0										22.6	24.4	26.6	28.9	31.0	30.0	25.1	48.0
	52.0													27.0	29.1	28.0	23.9	50.0
	54.0													21.7	23.3	26.3	22.9	52.0
	56.0															24.7	21.9	54.0
	58.0															20.8	21.0	56.0
	60.0															12.5	20.2	58.0
	62.0																18.1	60.0
																	10.3	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~78	0~78	0~78	0~79	0~79	0~79	0~81	0~81	0~81	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

					
6段ESP	195 t	9.7m x 9.0m	CJ+AJ	360°	JPN

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0																	3.0
	3.5																	3.5
	4.0	300.0																4.0
	4.5	300.0																4.5
	5.0	300.0	250.0	170.0	170.0													5.0
	6.0	300.0	250.0	170.0	170.0	250.0	170.0	170.0	135.8									6.0
	7.0	297.4	250.0	170.0	170.0	250.0	170.0	170.0	122.1	195.0	170.0	170.0	114.5	195.0	170.0	170.0	116.5	7.0
	8.0	260.8	250.0	170.0	166.4	250.0	170.0	170.0	110.9	195.0	170.0	170.0	103.5	195.0	170.0	170.0	106.9	8.0
	9.0	231.8	231.4	170.0	153.2	230.9	170.0	168.7	101.5	195.0	170.0	170.0	94.3	195.0	170.0	170.0	98.3	9.0
	10.0	208.3	207.8	170.0	142.0	207.3	170.0	157.6	93.5	195.0	170.0	168.1	86.6	195.0	170.0	170.0	90.9	10.0
	11.0	188.8	188.2	170.0	132.4	187.7	170.0	148.0	87.4	187.4	170.0	158.7	80.1	186.1	170.0	166.2	84.5	11.0
	12.0	169.5	171.8	170.0	124.1	171.3	170.0	139.5	81.4	170.9	170.0	150.3	74.4	169.6	170.0	158.2	78.8	12.0
	14.0		145.7	148.4	110.4	145.1	149.0	125.3	71.7	144.7	148.5	136.2	65.1	143.4	147.0	144.3	69.4	14.0
	16.0		123.6	126.9	100.0	125.3	129.2	113.5	64.0	124.8	128.6	124.7	57.8	123.5	127.1	130.0	62.3	16.0
	18.0					109.8	113.6	102.4	57.9	109.1	113.0	115.2	52.0	107.9	111.5	114.4	56.2	18.0
	20.0					94.9	99.0	93.3	52.9	96.6	100.4	102.7	47.2	95.1	98.9	101.8	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	83.9	88.7	91.5	43.3	82.3	86.8	90.4	46.9	22.0
	24.0									73.8	78.4	81.2	40.1	72.1	76.5	80.1	43.3	24.0
	26.0									51.5	55.2	57.6	37.5	63.7	68.0	71.6	40.2	26.0
	28.0													56.8	61.1	64.6	37.6	28.0
	30.0													45.1	48.2	51.2	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~74	0~75	0~75	0~75	0~77	0~77	0~77	0~77	0~78	0~78	0~78	0~78	0~80	0~80	0~80	0~80	°
		14x2	12x2	17	17	12x2	17	17	17	18	17	17	17	18	17	17	17	
		350t+ アタッチメント	350t+ アタッチメント	350t	350t	350t+ アタッチメント	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0																	7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0
	9.0	170.0	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	170.0	153.6	95.0	157.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	170.0	145.2	88.9	157.0	147.1	90.4	145.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	163.6	137.5	83.5	157.0	140.3	85.7	139.4	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	148.5	124.2	74.3	143.0	128.2	77.3	128.9	101.0	79.1	112.2	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	128.6	113.0	66.9	127.4	117.8	70.1	118.7	93.1	72.6	104.4	89.6	73.5	91.9	74.0	73.7	66.8	16.0
	18.0	113.0	103.5	60.7	111.8	108.7	64.1	109.6	86.2	66.8	97.5	84.0	68.4	86.5	69.3	69.4	64.3	18.0
	20.0	100.4	95.4	56.0	99.1	100.1	59.0	99.0	80.1	61.8	91.3	77.6	63.8	81.3	65.0	65.5	60.9	20.0
	22.0	88.6	88.5	51.6	87.0	88.3	54.7	86.8	74.7	57.5	85.7	71.7	59.6	76.6	61.2	62.0	57.6	22.0
	24.0	78.2	79.0	47.8	76.7	77.9	51.2	76.4	70.1	53.8	77.1	66.7	55.9	72.3	57.7	58.8	52.9	24.0
	26.0	69.7	70.5	44.6	68.2	69.3	47.9	67.9	66.0	50.5	68.5	62.3	52.7	68.4	54.5	55.9	48.8	26.0
	28.0	62.7	63.4	41.8	61.1	62.2	45.1	60.8	62.4	47.2	61.4	58.5	49.8	62.3	51.6	53.1	45.3	28.0
	30.0	56.7	57.5	39.3	55.1	56.2	42.5	54.8	57.1	43.8	55.4	55.1	47.2	56.2	49.1	50.6	42.1	30.0
	32.0	51.7	52.4	37.2	50.0	51.1	40.3	49.7	51.9	40.9	50.2	52.1	44.9	51.0	46.7	48.3	39.4	32.0
	34.0	44.2	44.7	35.5	45.6	46.7	38.3	45.2	47.4	38.3	45.7	48.1	42.2	46.5	44.6	46.2	36.9	34.0
	36.0				41.8	42.9	36.6	41.4	43.6	36.0	41.8	44.2	39.7	42.6	42.7	43.9	34.7	36.0
	38.0				38.1	38.8	35.1	38.0	40.2	33.9	38.4	40.7	37.5	39.1	41.0	40.4	32.7	38.0
	40.0				22.8	23.2	27.9	35.0	37.2	32.1	35.3	37.7	35.5	36.1	38.2	37.3	30.9	40.0
	42.0							32.4	34.6	30.5	32.6	35.0	33.6	33.3	35.5	34.6	29.2	42.0
	44.0							23.4	25.4	28.2	30.2	32.6	30.0	30.9	33.0	32.1	27.7	44.0
	46.0										28.1	30.4	30.6	28.7	30.8	29.8	26.4	46.0
	48.0										22.6	24.4	26.6	26.7	28.9	27.8	25.1	48.0
	50.0													25.0	27.1	26.0	23.9	50.0
	52.0													21.7	23.3	24.3	22.9	52.0
	54.0															22.8	21.9	54.0
	56.0															20.8	21.0	56.0
	58.0															12.5	20.0	58.0
	60.0																18.1	60.0
	62.0																10.3	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~81	0~81	0~81	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

6段ESPブーム

 6段ESP	 164 t	 9.7m x 9.0m	 CJ+AJ	 360°	 JPN
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 m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	300.0	250.0	170.0	170.0												3.0
	3.5	300.0	250.0	170.0	170.0	250.0	170.0	170.0	170.0								3.5
	4.0	300.0	250.0	170.0	170.0	250.0	170.0	170.0	170.0								4.0
	4.5	300.0	250.0	170.0	170.0	250.0	170.0	170.0	161.1	195.0	170.0	170.0	155.6				4.5
	5.0	300.0	250.0	170.0	170.0	250.0	170.0	170.0	151.8	195.0	170.0	170.0	145.2				5.0
	6.0	300.0	250.0	170.0	170.0	250.0	170.0	170.0	135.8	195.0	170.0	170.0	128.1	195.0	170.0	170.0	6.0
	7.0	282.5	250.0	170.0	170.0	250.0	170.0	170.0	122.1	195.0	170.0	170.0	114.5	195.0	170.0	170.0	7.0
	8.0	247.7	247.2	170.0	166.4	246.7	170.0	170.0	110.9	195.0	170.0	170.0	103.5	195.0	170.0	170.0	8.0
	9.0	220.0	219.6	170.0	153.2	219.1	170.0	168.7	101.5	195.0	170.0	170.0	94.3	195.0	170.0	170.0	9.0
	10.0	197.6	197.1	170.0	142.0	196.6	170.0	157.6	93.5	195.0	170.0	168.1	86.6	195.0	170.0	170.0	10.0
	11.0	179.0	178.4	170.0	132.4	177.9	170.0	148.0	87.4	177.6	170.0	158.7	80.1	176.3	170.0	166.2	11.0
	12.0	163.4	162.8	165.5	124.1	162.3	166.2	139.5	81.4	161.9	165.6	150.3	74.4	160.6	164.2	158.2	12.0
	14.0		137.9	140.6	110.4	137.3	141.2	125.3	71.7	136.9	140.7	136.2	65.1	135.6	139.2	142.1	14.0
	16.0		118.5	121.7	100.0	117.7	122.3	113.5	64.0	116.9	121.7	124.0	57.8	115.2	120.1	123.2	16.0
	18.0					98.5	103.4	102.4	57.9	97.6	102.6	105.6	52.0	96.0	100.7	104.5	18.0
	20.0					84.1	88.9	90.9	52.9	83.1	88.0	90.9	47.2	81.5	86.0	89.8	20.0
	22.0					53.6	57.3	58.9	49.1	71.8	76.6	79.4	43.3	70.2	74.6	78.3	22.0
	24.0									62.8	67.5	70.3	40.1	61.1	65.5	69.1	24.0
	26.0									51.5	55.2	57.6	37.5	53.8	58.1	61.6	26.0
	28.0													47.7	51.9	55.5	28.0
	30.0													42.6	46.9	50.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
	14x2	12x2	17	17	12x2	17	17	17	18	17	17	17	17	18	17	17	
	350t+ アタッチメント	350t+ アタッチメント	350t	350t	350t+ アタッチメント	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7													7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9										8.0
	9.0	170.0	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6				9.0
	10.0	170.0	153.6	95.0	157.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4		10.0
	11.0	170.0	145.2	88.9	157.0	147.1	90.4	145.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4	11.0
	12.0	163.6	137.5	83.5	157.0	140.3	85.7	139.4	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	12.0
	14.0	140.7	124.2	74.3	139.5	128.2	77.3	128.9	101.0	79.1	112.2	95.8	79.4	94.2	79.4	76.4	14.0
	16.0	121.7	113.0	66.9	120.5	117.8	70.1	118.7	93.1	72.6	104.4	89.6	73.5	91.9	74.0	73.7	16.0
	18.0	102.6	103.4	60.7	101.0	102.3	64.1	100.8	86.2	66.8	97.5	84.0	68.4	86.5	69.3	69.4	18.0
	20.0	87.9	88.7	56.0	86.4	87.6	59.0	86.1	80.1	61.8	86.8	77.6	63.8	81.3	65.0	65.5	20.0
	22.0	76.5	77.2	51.6	74.9	76.1	54.7	74.7	74.7	57.5	75.3	71.7	59.6	76.3	61.2	62.0	22.0
	24.0	67.3	68.0	47.8	65.7	66.9	51.2	65.5	67.8	53.8	66.1	66.7	55.9	67.0	57.7	58.8	24.0
	26.0	59.8	60.5	44.6	58.2	59.4	47.9	57.9	60.2	50.5	58.5	61.0	52.7	59.4	54.5	55.9	26.0
	28.0	53.5	54.3	41.8	51.9	53.1	45.1	51.7	53.9	47.2	52.2	54.7	49.8	53.1	51.6	53.1	28.0
	30.0	48.3	49.0	39.3	46.6	47.8	42.5	46.4	48.6	43.8	46.9	49.3	47.2	47.7	49.1	49.2	30.0
	32.0	43.8	44.6	37.2	42.1	43.3	40.3	41.8	44.0	40.9	42.3	44.7	44.9	43.2	45.4	44.6	32.0
	34.0	40.1	40.8	35.5	38.2	39.4	38.3	37.9	40.1	38.3	38.4	40.8	42.2	39.2	41.4	40.6	34.0
	36.0				34.9	36.0	36.6	34.5	36.7	36.0	34.9	37.3	38.9	35.7	37.9	37.0	36.0
	38.0				32.0	33.1	35.1	31.5	33.7	33.9	31.9	34.2	35.8	32.6	34.8	34.0	38.0
	40.0				22.8	23.2	27.9	28.9	31.1	32.1	29.2	31.6	33.1	29.9	32.1	31.2	40.0
	42.0							26.6	28.8	30.5	26.8	29.2	30.8	27.5	29.7	28.8	42.0
	44.0							23.4	25.4	28.2	24.7	27.1	28.6	25.4	27.5	26.6	44.0
	46.0										22.9	25.2	26.8	23.4	25.6	24.6	46.0
	48.0										21.3	23.6	25.1	21.7	23.8	22.8	48.0
	50.0													20.2	22.3	21.2	50.0
	52.0													18.8	20.9	19.7	52.0
	54.0															18.4	54.0
	56.0															17.2	56.0
	58.0															12.5	58.0
	60.0																60.0
	62.0															10.3	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
	16	16	16	14	14	14	13	13	13	11	11	11	11	10	10	7	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	

					
6段ESP	208 t	9.7m x 9.0m	AJ	360°	JPN

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0																	3.0
	3.5																	3.5
	4.0																	4.0
	4.5																	4.5
	5.0																	5.0
	6.0	170.0																6.0
	7.0	170.0	170.0	170.0	170.0													7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5					8.0
	9.0	170.0	170.0	170.0	153.2	170.0	170.0	168.7	101.5	170.0	170.0	170.0	94.3	170.0	170.0	170.0	98.3	9.0
	10.0	170.0	170.0	170.0	142.0	170.0	170.0	157.6	93.5	170.0	170.0	168.1	86.6	170.0	170.0	170.0	90.9	10.0
	11.0	170.0	170.0	170.0	132.4	170.0	170.0	148.0	87.4	170.0	170.0	158.7	80.1	170.0	170.0	166.2	84.5	11.0
	12.0	169.5	170.0	170.0	124.1	170.0	170.0	139.5	81.4	170.0	170.0	150.3	74.4	170.0	170.0	158.2	78.8	12.0
	14.0		149.0	151.7	110.4	148.5	152.4	125.3	71.7	148.0	151.8	136.2	65.1	146.8	150.3	144.3	69.4	14.0
	16.0		123.6	126.9	100.0	128.2	132.1	113.5	64.0	127.7	131.5	124.7	57.8	126.4	130.0	132.8	62.3	16.0
	18.0					112.4	116.2	102.4	57.9	111.8	115.6	115.2	52.0	110.5	114.1	117.0	56.2	18.0
	20.0					94.9	99.0	93.3	52.9	98.9	102.8	105.0	47.2	97.7	101.3	104.2	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	88.4	92.3	94.6	43.3	87.1	90.7	93.7	46.9	22.0
	24.0									75.5	79.4	81.9	40.1	76.8	81.2	84.8	43.3	24.0
	26.0									51.5	55.2	57.6	37.5	68.0	72.3	75.9	40.2	26.0
	28.0													60.7	64.4	67.5	37.6	28.0
	30.0													45.1	48.2	51.2	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~68	0~71	0~71	0~71	0~73	0~73	0~73	0~73	0~75	0~75	0~75	0~75	0~77	0~77	0~77	0~77	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0																	7.0
	8.0																	8.0
	9.0	170.0	162.8	101.7	157.0	157.0	101.5											9.0
	10.0	170.0	153.6	95.0	157.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	170.0	145.2	88.9	157.0	147.1	90.4	145.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	163.6	137.5	83.5	157.0	140.3	85.7	139.4	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	150.5	124.2	74.3	143.0	128.2	77.3	128.9	101.0	79.1	112.2	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	131.5	113.0	66.9	130.3	117.8	70.1	118.7	93.1	72.6	104.4	89.6	73.5	91.9	74.0	73.7	66.8	16.0
	18.0	115.6	103.5	60.7	114.4	108.7	64.1	109.6	86.2	66.8	97.5	84.0	68.4	86.5	69.3	69.4	64.3	18.0
	20.0	102.7	95.4	56.0	101.5	100.9	59.0	101.3	80.1	61.8	91.3	77.6	63.8	81.3	65.0	65.5	60.9	20.0
	22.0	92.2	88.5	51.6	90.9	91.9	54.7	90.7	74.7	57.5	85.7	71.7	59.6	76.6	61.2	62.0	57.6	22.0
	24.0	82.9	82.4	47.8	81.4	82.5	51.2	81.1	70.1	53.8	80.6	66.7	55.9	72.3	57.7	58.8	52.9	24.0
	26.0	74.0	74.7	44.6	72.4	73.6	47.9	72.2	66.0	50.5	72.8	62.3	52.7	68.4	54.5	55.9	48.8	26.0
	28.0	66.6	67.3	41.8	65.0	66.2	45.1	64.7	62.4	47.2	65.3	58.5	49.8	64.8	51.6	53.1	45.3	28.0
	30.0	60.4	61.1	39.3	58.7	59.9	42.5	58.4	59.2	43.8	59.0	55.1	47.2	59.8	49.1	50.6	42.1	30.0
	32.0	55.1	55.8	37.2	53.4	54.5	40.3	53.0	55.3	40.9	53.6	52.1	44.9	54.4	46.7	48.3	39.4	32.0
	34.0	44.2	44.7	35.5	48.7	49.9	38.3	48.4	50.6	38.3	48.9	49.4	42.2	49.7	44.6	46.2	36.9	34.0
	36.0				44.7	45.8	36.6	44.3	46.5	36.0	44.8	47.0	39.7	45.5	42.7	44.3	34.7	36.0
	38.0				38.1	38.8	35.1	40.8	42.9	33.9	41.2	43.5	37.5	41.9	41.0	42.5	32.7	38.0
	40.0				22.8	23.2	27.9	37.6	39.8	32.1	38.0	40.3	35.5	38.7	39.0	40.0	30.9	40.0
	42.0							33.5	35.5	30.5	35.1	37.5	33.6	35.8	37.0	37.1	29.2	42.0
	44.0																	
	46.0																	
	48.0																	
	50.0																	
	52.0																	
	54.0																	
	56.0																	
	58.0																	
	60.0																	
	62.0																	
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~78	0~78	0~78	0~79	0~79	0~79	0~81	0~81	0~81	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

6段ESPブーム

 6段ESP	 195 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0																	3.0
	3.5																	3.5
	4.0	170.0																4.0
	4.5	170.0																4.5
	5.0	170.0	170.0	170.0	170.0													5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8									6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	170.0	170.0	170.0	106.9	8.0
	9.0	170.0	170.0	170.0	153.2	170.0	170.0	168.7	101.5	170.0	170.0	170.0	94.3	170.0	170.0	170.0	98.3	9.0
	10.0	170.0	170.0	170.0	142.0	170.0	170.0	157.6	93.5	170.0	170.0	168.1	86.6	170.0	170.0	170.0	90.9	10.0
	11.0	170.0	170.0	170.0	132.4	170.0	170.0	148.0	87.4	170.0	170.0	158.7	80.1	170.0	170.0	166.2	84.5	11.0
	12.0	169.5	170.0	170.0	124.1	170.0	170.0	139.5	81.4	170.0	170.0	150.3	74.4	169.6	170.0	158.2	78.8	12.0
	14.0		145.7	148.4	110.4	145.1	149.0	125.3	71.7	144.7	148.5	136.2	65.1	143.4	147.0	144.3	69.4	14.0
	16.0		123.6	126.9	100.0	125.3	129.2	113.5	64.0	124.8	128.6	124.7	57.8	123.5	127.1	130.0	62.3	16.0
	18.0					109.8	113.6	102.4	57.9	109.1	113.0	115.2	52.0	107.9	111.5	114.4	56.2	18.0
	20.0					94.9	99.0	93.3	52.9	96.6	100.4	102.7	47.2	95.1	98.9	101.8	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	83.9	88.7	91.5	43.3	82.3	86.8	90.4	46.9	22.0
	24.0									73.8	78.4	81.2	40.1	72.1	76.5	80.1	43.3	24.0
	26.0									51.5	55.2	57.6	37.5	63.7	68.0	71.6	40.2	26.0
	28.0													56.8	61.1	64.6	37.6	28.0
	30.0													45.1	48.2	51.2	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~74	0~75	0~75	0~75	0~77	0~77	0~77	0~77	0~78	0~78	0~78	0~78	0~80	0~80	0~80	0~80	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0																	7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0
	9.0	170.0	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	170.0	153.6	95.0	157.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	170.0	145.2	88.9	157.0	147.1	90.4	145.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	163.6	137.5	83.5	157.0	140.3	85.7	139.4	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	148.5	124.2	74.3	143.0	128.2	77.3	128.9	101.0	79.1	112.2	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	128.6	113.0	66.9	127.4	117.8	70.1	118.7	93.1	72.6	104.4	89.6	73.5	91.9	74.0	73.7	66.8	16.0
	18.0	113.0	103.5	60.7	111.8	108.7	64.1	109.6	86.2	66.8	97.5	84.0	68.4	86.5	69.3	69.4	64.3	18.0
	20.0	100.4	95.4	56.0	99.1	100.1	59.0	99.0	80.1	61.8	91.3	77.6	63.8	81.3	65.0	65.5	60.9	20.0
	22.0	88.6	88.5	51.6	87.0	88.3	54.7	86.8	74.7	57.5	85.7	71.7	59.6	76.6	61.2	62.0	57.6	22.0
	24.0	78.2	79.0	47.8	76.7	77.9	51.2	76.4	70.1	53.8	77.1	66.7	55.9	72.3	57.7	58.8	52.9	24.0
	26.0	69.7	70.5	44.6	68.2	69.3	47.9	67.9	66.0	50.5	68.5	62.3	52.7	68.4	54.5	55.9	48.8	26.0
	28.0	62.7	63.4	41.8	61.1	62.2	45.1	60.8	62.4	47.2	61.4	58.5	49.8	62.3	51.6	53.1	45.3	28.0
	30.0	56.7	57.5	39.3	55.1	56.2	42.5	54.8	57.1	43.8	55.4	55.1	47.2	56.2	49.1	50.6	42.1	30.0
	32.0	51.7	52.4	37.2	50.0	51.1	40.3	49.7	51.9	40.9	50.2	52.1	44.9	51.0	46.7	48.3	39.4	32.0
	34.0	44.2	44.7	35.5	45.6	46.7	38.3	45.2	47.4	38.3	45.7	48.1	42.2	46.5	44.6	46.2	36.9	34.0
	36.0				41.8	42.9	36.6	41.4	43.6	36.0	41.8	44.2	39.7	42.6	42.7	43.9	34.7	36.0
	38.0				38.1	38.8	35.1	38.0	40.2	33.9	38.4	40.7	37.5	39.1	41.0	40.4	32.7	38.0
	40.0				22.8	23.2	27.9	35.0	37.2	32.1	35.3	37.7	35.5	36.1	38.2	37.3	30.9	40.0
	42.0							32.4	34.6	30.5	32.6	35.0	33.6	33.3	35.5	34.6	29.2	42.0
	44.0							23.4	25.4	28.2	30.2	32.6	32.0	30.9	33.0	32.1	27.7	44.0
	46.0										28.1	30.4	30.6	28.7	30.8	29.8	26.4	46.0
	48.0										22.6	24.4	26.6	26.7	28.9	27.8	25.1	48.0
	50.0													25.0	27.1	26.0	23.9	50.0
	52.0													21.7	23.3	24.3	22.9	52.0
	54.0															22.8	21.9	54.0
	56.0															20.8	21.0	56.0
	58.0															12.5	20.0	58.0
	60.0																18.1	60.0
	62.0																10.3	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~81	0~81	0~81	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

					
6段ESP	164 t	9.7m x 9.0m	AJ	360°	JPN

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	170.0	170.0	170.0	106.9	8.0
	9.0	170.0	170.0	170.0	153.2	170.0	170.0	168.7	101.5	170.0	170.0	170.0	94.3	170.0	170.0	170.0	98.3	9.0
	10.0	170.0	170.0	170.0	142.0	170.0	170.0	157.6	93.5	170.0	170.0	168.1	86.6	170.0	170.0	170.0	90.9	10.0
	11.0	170.0	170.0	170.0	132.4	170.0	170.0	148.0	87.4	170.0	170.0	158.7	80.1	170.0	170.0	166.2	84.5	11.0
	12.0	163.4	162.8	165.5	124.1	162.3	166.2	139.5	81.4	161.9	165.6	150.3	74.4	160.6	164.2	158.2	78.8	12.0
	14.0		137.9	140.6	110.4	137.3	141.2	125.3	71.7	136.9	140.7	136.2	65.1	135.6	139.2	142.1	69.4	14.0
	16.0		118.5	121.7	100.0	117.7	122.3	113.5	64.0	116.9	121.7	124.0	57.8	115.2	120.1	123.2	62.3	16.0
	18.0					98.5	103.4	102.4	57.9	97.6	102.6	105.6	52.0	96.0	100.7	104.5	56.2	18.0
	20.0					84.1	88.9	90.9	52.9	83.1	88.0	90.9	47.2	81.5	86.0	89.8	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	71.8	76.6	79.4	43.3	70.2	74.6	78.3	46.9	22.0
	24.0									62.8	67.5	70.3	40.1	61.1	65.5	69.1	43.3	24.0
	26.0									51.5	55.2	57.6	37.5	53.8	58.1	61.6	40.2	26.0
	28.0													47.7	51.9	55.5	37.6	28.0
	30.0													42.6	46.9	50.4	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0
	9.0	170.0	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	170.0	153.6	95.0	157.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	170.0	145.2	88.9	157.0	147.1	90.4	145.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	163.6	137.5	83.5	157.0	140.3	85.7	139.4	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	140.7	124.2	74.3	139.5	128.2	77.3	128.9	101.0	79.1	112.2	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	121.7	113.0	66.9	120.5	117.8	70.1	118.7	93.1	72.6	104.4	89.6	73.5	91.9	74.0	73.7	66.8	16.0
	18.0	102.6	103.4	60.7	101.0	102.3	64.1	100.8	86.2	66.8	97.5	84.0	68.4	86.5	69.3	69.4	64.3	18.0
	20.0	87.9	88.7	56.0	86.4	87.6	59.0	86.1	80.1	61.8	86.8	77.6	63.8	81.3	65.0	65.5	60.9	20.0
	22.0	76.5	77.2	51.6	74.9	76.1	54.7	74.7	57.5	57.3	71.7	59.6	56.3	76.3	61.2	62.0	57.6	22.0
	24.0	67.3	68.0	47.8	65.7	66.9	51.2	65.5	67.8	53.8	66.1	55.9	67.0	57.7	57.7	58.8	52.9	24.0
	26.0	59.8	60.5	44.6	58.2	59.4	47.9	57.9	60.2	50.5	58.5	61.0	52.7	59.4	54.5	55.9	48.8	26.0
	28.0	53.5	54.3	41.8	51.9	53.1	45.1	51.7	53.9	47.2	52.2	54.7	49.8	53.1	51.6	53.1	45.3	28.0
	30.0	48.3	49.0	39.3	46.6	47.8	42.5	46.4	48.6	43.8	46.9	49.3	47.2	47.7	49.1	49.2	42.1	30.0
	32.0	43.8	44.6	37.2	42.1	43.3	40.3	41.8	44.0	40.9	42.3	44.7	44.9	43.2	45.4	44.6	39.4	32.0
	34.0	40.1	40.8	35.5	38.2	39.4	38.3	37.9	40.1	38.3	38.4	40.8	42.2	39.2	41.4	40.6	36.9	34.0
	36.0				34.9	36.0	36.6	34.5	36.7	36.0	34.9	37.3	38.9	35.7	37.9	37.0	34.7	36.0
	38.0				32.0	33.1	35.1	31.5	33.7	33.9	31.9	34.2	35.8	32.6	34.8	34.0	32.7	38.0
	40.0				22.8	23.2	27.9	28.9	31.1	32.1	31.6	33.1	29.9	32.1	31.2	30.9	40.0	40.0
	42.0							26.6	28.8	30.5	26.8	29.2	30.8	27.5	29.7	28.8	28.7	42.0
	44.0							23.4	25.4	28.2	24.7	27.1	28.6	25.4	27.5	26.6	26.5	44.0
	46.0										22.9	25.2	26.8	23.4	25.6	24.6	24.5	46.0
	48.0										21.3	23.6	25.1	21.7	23.8	22.8	22.7	48.0
	50.0													20.2	22.3	21.2	21.1	50.0
	52.0													18.8	20.9	19.7	19.6	52.0
	54.0															18.4	18.3	54.0
	56.0															17.2	17.0	56.0
	58.0															12.5	15.9	58.0
	60.0																14.9	60.0
	62.0																10.3	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

6段ESPブーム

 6段ESP	 127 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	170.0	170.0	170.0	106.9	8.0
	9.0	170.0	170.0	170.0	153.2	170.0	170.0	168.7	101.5	170.0	170.0	170.0	94.3	170.0	170.0	170.0	98.3	9.0
	10.0	170.0	170.0	170.0	142.0	170.0	170.0	157.6	93.5	170.0	170.0	168.1	86.6	170.0	170.0	170.0	90.9	10.0
	11.0	167.6	167.1	169.8	132.4	166.6	170.0	148.0	87.4	166.2	170.0	158.7	80.1	164.9	168.5	166.2	84.5	11.0
	12.0	152.9	152.3	155.0	124.1	151.8	155.7	139.5	81.4	151.4	155.2	150.3	74.4	150.0	153.7	156.6	78.8	12.0
	14.0		119.7	123.6	110.4	118.9	124.5	125.3	71.7	118.3	123.7	126.9	65.1	116.5	121.6	125.8	69.4	14.0
	16.0		97.2	100.8	100.0	96.3	101.5	103.7	64.0	95.6	100.7	103.8	57.8	93.9	98.8	102.7	62.3	16.0
	18.0					80.1	85.1	87.2	57.9	79.3	84.2	87.2	52.0	77.6	82.3	86.1	56.2	18.0
	20.0					68.0	72.7	74.8	52.9	67.0	71.8	74.7	47.2	65.4	69.9	73.7	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	57.4	62.2	65.0	43.3	55.8	60.3	63.9	46.9	22.0
	24.0									49.9	54.5	57.3	40.1	48.2	52.6	56.2	43.3	24.0
	26.0									43.8	48.4	51.2	37.5	42.0	46.3	49.8	40.2	26.0
	28.0													36.9	41.1	44.6	37.6	28.0
	30.0													32.6	36.9	40.4	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0
	9.0	170.0	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	170.0	153.6	95.0	157.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	170.0	145.2	88.9	157.0	147.1	90.4	145.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	155.2	137.5	83.5	154.1	140.3	85.7	139.4	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	123.8	124.2	74.3	122.1	123.5	77.3	121.9	101.0	79.1	112.2	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	100.8	101.6	66.9	99.2	100.5	70.1	99.0	93.1	72.6	99.7	89.6	73.5	91.9	74.0	73.7	66.8	16.0
	18.0	84.3	85.1	60.7	82.7	84.0	64.1	82.5	85.0	66.8	83.2	84.0	68.4	84.2	69.3	69.4	64.3	18.0
	20.0	71.8	72.6	56.0	70.3	71.5	59.0	70.0	72.5	61.8	70.7	73.4	63.8	71.7	65.0	65.5	60.9	20.0
	22.0	62.1	62.9	51.6	60.5	61.8	54.7	60.3	62.7	57.5	61.0	63.5	59.6	61.9	61.2	62.0	57.6	22.0
	24.0	54.3	55.1	47.8	52.8	54.0	51.2	52.5	54.9	53.8	53.2	55.7	55.9	54.1	56.4	55.6	52.9	24.0
	26.0	48.0	48.7	44.6	46.4	47.6	47.9	46.2	48.5	50.5	46.8	49.2	50.9	47.7	49.9	49.2	48.8	26.0
	28.0	42.7	43.4	41.8	41.1	42.3	45.1	40.8	43.1	46.3	41.4	43.9	45.5	42.3	44.5	43.8	43.8	28.0
	30.0	38.3	39.0	39.3	36.6	37.8	42.3	36.4	38.6	41.7	36.9	39.3	41.0	37.8	40.0	39.2	39.2	30.0
	32.0	34.5	35.3	37.2	32.8	34.0	38.5	32.5	34.7	37.8	33.0	35.4	37.1	33.9	36.1	35.3	35.3	32.0
	34.0	31.4	32.1	35.5	29.6	30.7	35.2	29.2	31.4	34.5	29.7	32.1	33.7	30.5	32.7	31.9	31.9	34.0
	36.0				26.7	27.9	32.3	26.3	28.5	31.6	26.8	29.2	30.8	27.6	29.7	28.9	28.9	36.0
	38.0				24.3	25.5	29.9	23.8	26.0	29.0	24.2	26.6	28.2	25.0	27.1	26.3	26.3	38.0
	40.0				22.4	23.2	27.9	21.6	23.8	26.8	22.0	24.3	25.9	22.7	24.8	24.0	23.9	40.0
	42.0							19.7	21.9	24.9	20.0	22.3	23.9	20.7	22.8	21.9	21.9	42.0
	44.0							18.1	20.3	23.3	18.2	20.5	22.1	18.9	21.0	20.0	20.0	44.0
	46.0										16.6	19.0	20.5	17.2	19.4	18.4	18.3	46.0
	48.0										15.3	17.6	19.2	15.8	17.9	16.8	16.8	48.0
	50.0													14.5	16.6	15.5	15.4	50.0
	52.0													13.4	15.5	14.2	14.2	52.0
	54.0															13.1	13.0	54.0
	56.0															12.1	12.0	56.0
	58.0															11.3	11.1	58.0
	60.0																10.2	60.0
	62.0																9.6	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

 6段ESP	 94 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6				4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2				5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	170.0	170.0	170.0	8.0
	9.0	170.0	170.0	170.0	153.2	170.0	170.0	168.7	101.5	170.0	170.0	170.0	94.3	170.0	170.0	170.0	9.0
	10.0	170.0	170.0	170.0	142.0	170.0	170.0	157.6	93.5	169.7	170.0	168.1	86.6	167.6	170.0	170.0	10.0
	11.0	145.8	145.0	149.4	132.4	144.2	150.5	148.0	87.4	143.6	149.6	153.2	80.1	141.6	147.3	151.9	11.0
	12.0	126.0	125.1	129.3	124.1	124.3	130.3	132.7	81.4	123.7	129.5	132.9	74.4	121.8	127.3	131.7	12.0
	14.0		96.9	100.8	102.0	96.2	101.7	104.0	71.7	95.5	100.9	104.1	65.1	93.8	98.9	103.0	14.0
	16.0		78.1	81.7	82.9	77.2	82.5	84.6	64.0	76.5	81.7	84.7	57.8	74.8	79.7	83.6	16.0
	18.0					63.7	68.7	70.8	57.9	62.8	67.8	70.8	52.0	61.2	65.9	69.7	18.0
	20.0					53.6	58.3	60.4	52.9	52.6	57.4	60.3	47.2	51.0	55.5	59.3	20.0
	22.0					46.0	50.5	52.6	49.1	44.6	49.4	52.2	43.3	43.0	47.4	51.1	22.0
	24.0									38.3	43.0	45.8	40.1	36.6	41.0	44.6	24.0
	26.0									33.3	37.9	40.7	37.5	31.4	35.8	39.3	26.0
	28.0													27.2	31.4	35.0	28.0
	30.0													23.7	27.9	31.4	30.0
	1	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7													7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9										8.0
	9.0	170.0	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6				9.0
	10.0	170.0	153.6	95.0	157.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4		10.0
	11.0	149.7	145.2	88.9	147.9	147.1	90.4	145.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4	11.0
	12.0	129.6	130.5	83.5	127.8	129.3	85.7	127.6	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	12.0
	14.0	101.0	101.9	74.3	99.3	100.7	77.3	99.1	101.0	79.1	99.9	95.8	79.4	94.2	79.4	76.4	14.0
	16.0	81.7	82.6	66.9	80.1	81.4	70.1	79.9	82.5	72.6	80.7	83.5	73.5	81.7	74.0	73.7	16.0
	18.0	67.9	68.7	60.7	66.3	67.6	64.1	66.1	68.6	66.8	66.8	69.5	68.4	67.8	69.3	69.4	18.0
	20.0	57.4	58.2	56.0	55.9	57.1	59.0	55.6	58.1	61.4	56.3	59.0	60.7	57.3	59.7	59.0	20.0
	22.0	49.3	50.0	51.6	47.7	48.9	53.7	47.5	49.9	53.1	48.2	50.7	52.5	49.1	51.4	50.7	22.0
	24.0	42.8	43.5	47.5	41.2	42.4	47.1	41.0	43.3	46.5	41.6	44.1	45.8	42.5	44.8	44.1	24.0
	26.0	37.4	38.2	42.1	35.9	37.1	41.7	35.6	37.9	41.1	36.2	38.7	40.4	37.1	39.4	38.6	26.0
	28.0	33.0	33.8	37.6	31.4	32.6	37.2	31.2	33.5	36.6	31.8	34.2	35.9	32.6	34.9	34.1	28.0
	30.0	29.3	30.1	33.9	27.7	28.9	33.4	27.4	29.7	32.8	28.0	30.4	32.0	28.8	31.1	30.3	30.0
	32.0	26.2	27.0	30.7	24.5	25.7	30.2	24.2	26.5	29.5	24.7	27.1	28.8	25.6	27.8	27.0	32.0
	34.0	23.6	24.4	28.1	21.8	22.9	27.4	21.5	23.7	26.7	21.9	24.3	25.9	22.8	24.9	24.1	34.0
	36.0				19.5	20.6	25.0	19.1	21.3	24.3	19.5	21.9	23.5	20.3	22.5	21.6	36.0
	38.0				17.5	18.6	23.0	17.0	19.2	22.2	17.4	19.7	21.3	18.1	20.3	19.4	38.0
	40.0				15.9	17.1	21.5	15.2	17.3	20.3	15.5	17.8	19.4	16.2	18.4	17.5	40.0
	42.0							13.6	15.8	18.8	13.8	16.2	17.8	14.5	16.7	15.8	42.0
	44.0							12.3	14.5	17.5		12.4	14.7	16.3	13.0	14.2	44.0
	46.0										11.1	13.4	15.0	11.7	13.8	12.8	46.0
	48.0										9.9	12.3	13.9	10.5	12.6	11.5	48.0
	50.0													9.3	11.5	10.4	50.0
	52.0													8.3	10.6	9.3	52.0
	54.0															8.3	54.0
	56.0															7.5	56.0
	58.0															6.8	58.0
	60.0																60.0
	62.0																62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	

6段ESPブーム

 6段ESP	 57 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	170.0	170.0	170.0	106.9	8.0
	9.0	156.3	155.5	160.7	153.2	154.7	161.9	164.7	101.5	154.1	160.9	165.0	94.3	151.8	158.3	163.5	98.3	9.0
	10.0	128.4	127.6	132.4	133.8	126.8	133.5	136.2	93.5	126.2	132.6	136.4	86.6	124.1	130.2	135.1	90.9	10.0
	11.0	108.2	107.4	111.8	113.1	106.6	112.9	115.4	87.4	106.0	112.0	115.6	80.1	104.0	109.7	114.4	84.5	11.0
	12.0	92.9	92.0	96.2	97.5	91.3	97.2	99.6	81.4	90.6	96.4	99.8	74.4	88.8	94.2	98.6	78.8	12.0
	14.0		70.3	74.1	75.3	69.5	75.0	77.3	71.7	68.8	74.3	77.5	65.1	67.1	72.2	76.3	69.4	14.0
	16.0		55.7	59.3	60.5	54.9	60.1	62.3	62.7	54.2	59.3	62.4	57.8	52.5	57.3	61.3	62.3	16.0
	18.0					44.5	49.4	51.5	51.9	43.6	48.6	51.6	52.0	42.0	46.7	50.5	53.5	18.0
	20.0					36.7	41.5	43.5	43.9	35.7	40.6	43.5	45.2	34.1	38.7	42.4	45.3	20.0
	22.0					31.0	35.5	37.5	37.9	29.6	34.3	37.2	38.8	28.0	32.4	36.1	39.0	22.0
	24.0									24.7	29.4	32.2	33.9	23.1	27.4	31.0	33.9	24.0
	26.0									20.9	25.5	28.3	30.0	19.1	23.4	27.0	29.8	26.0
	28.0													15.8	20.1	23.6	26.4	28.0
	30.0													12.9	17.5	21.0	23.7	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0
	9.0	161.1	162.1	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	132.7	133.7	95.0	130.8	132.4	95.7	130.6	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	112.2	113.1	88.9	110.3	111.9	90.4	110.1	113.1	90.9	111.0	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	96.5	97.4	83.5	94.8	96.2	85.7	94.5	97.4	86.7	95.4	98.6	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	74.4	75.2	74.3	72.7	74.1	77.3	72.5	75.2	78.9	73.3	76.2	74.4	77.1	77.1	76.3	66.8	14.0
	16.0	59.4	60.2	64.6	57.8	59.1	64.3	57.6	60.2	63.7	58.4	61.1	63.0	59.4	62.0	61.2	61.2	16.0
	18.0	48.6	49.4	53.7	47.1	48.3	53.4	46.9	49.4	52.8	47.6	50.3	52.1	48.6	51.1	50.3	50.3	18.0
	20.0	40.6	41.3	45.4	39.0	40.2	45.1	38.8	41.2	44.6	39.5	42.1	43.9	40.4	42.8	42.1	42.1	20.0
	22.0	34.2	35.0	39.0	32.7	33.9	38.7	32.5	34.9	38.1	33.1	35.7	37.4	34.1	36.4	35.7	35.7	22.0
	24.0	29.2	30.0	33.9	27.7	28.9	33.5	27.4	29.8	33.0	28.1	30.6	32.3	29.0	31.3	30.5	30.5	24.0
	26.0	25.1	25.9	29.7	23.5	24.7	29.3	23.3	25.6	28.8	23.9	26.4	28.1	24.8	27.1	26.3	26.3	26.0
	28.0	21.7	22.5	26.3	20.1	21.3	25.9	19.9	22.1	25.3	20.4	22.9	24.6	21.3	23.6	22.8	22.8	28.0
	30.0	18.9	19.6	23.4	17.3	18.4	22.9	17.0	19.2	22.3	17.5	19.9	21.6	18.4	20.6	19.8	19.8	30.0
	32.0	16.5	17.2	21.0	14.8	16.0	20.5	14.5	16.7	19.8	15.0	17.4	19.1	15.8	18.1	17.3	17.2	32.0
	34.0	14.5	15.3	19.0	12.6	13.9	18.3	12.2	14.6	17.6	12.8	15.3	16.9	13.7	15.9	15.0	15.0	34.0
	36.0				10.7	12.0	16.5	10.3	12.7	15.8	10.8	13.4	15.0	11.6	13.9	13.1	13.1	36.0
	38.0				9.1	10.3	15.0	8.5	11.0	14.2	9.0	11.6	13.3	9.8	12.3	11.3	11.3	38.0
	40.0				7.9	9.1	13.9	7.1	9.5	12.8	7.4	10.1	11.8	8.3	10.7	9.7	9.7	40.0
	42.0							5.8	8.2	11.6	6.1	8.7	10.5	6.9	9.3	8.2	8.2	42.0
	44.0							4.8	7.2	10.6	4.9	7.5	9.3	5.6	8.0	6.9	6.9	44.0
	46.0										3.9	6.5	8.2	4.5	6.9	5.8	5.8	46.0
	48.0										3.0	5.6	7.4	3.6	5.9	4.8	4.7	48.0
	50.0													2.7	5.1	3.8	3.8	50.0
	52.0														4.4	3.0		52.0
	54.0																	54.0
	56.0																	56.0
	58.0																	58.0
	60.0																	60.0
	62.0																	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	12~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

 6段ESP	 27 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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 m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0												3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6				4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2				5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	7.0
	8.0	144.0	143.2	148.9	150.5	142.4	150.3	153.4	110.9	141.7	149.2	153.7	103.5	139.3	146.4	152.2	8.0
	9.0	113.1	112.4	117.4	119.0	111.6	118.7	121.6	101.5	110.9	117.8	121.8	94.3	108.8	115.2	120.4	9.0
	10.0	92.0	91.3	96.0	97.4	90.5	97.2	99.8	93.5	89.9	96.3	100.0	86.6	87.9	93.9	98.8	10.0
	11.0	76.7	76.0	80.4	81.7	75.3	81.5	84.0	84.5	74.6	80.7	84.2	80.1	72.7	78.4	83.0	11.0
	12.0	65.2	64.4	68.5	69.8	63.7	69.6	72.0	72.5	63.0	68.8	72.2	74.2	61.2	66.6	71.0	12.0
	14.0		48.0	51.8	53.0	47.3	52.8	55.0	55.5	46.6	52.0	55.2	57.1	44.9	49.9	54.1	14.0
	16.0		37.0	40.6	41.8	36.3	41.4	43.6	44.0	35.5	40.7	43.7	45.5	33.9	38.7	42.7	16.0
	18.0					28.4	33.4	35.4	35.9	27.6	32.6	35.5	37.3	26.0	30.6	34.5	18.0
	20.0					22.6	27.3	29.4	29.8	21.6	26.5	29.4	31.1	19.9	24.6	28.3	20.0
	22.0					18.2	22.9	24.9	25.4	16.7	21.8	24.6	26.3	14.9	19.9	23.5	22.0
	24.0									12.8	18.1	20.9	22.5	10.9	15.9	19.7	24.0
	26.0									9.7	15.0	18.0	19.6	7.7	12.6	16.6	26.0
	28.0													5.2	10.0	14.0	28.0
	30.0													3.1	7.9	11.8	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	149.4	150.6	109.1	147.2	149.1	107.9											8.0
	9.0	118.0	119.1	101.7	115.9	117.7	101.5	115.7	119.1	100.5	116.8	106.3	95.6					9.0
	10.0	96.5	97.5	95.0	94.5	96.2	95.7	94.3	97.5	95.5	95.3	98.7	93.7	94.2	84.4			10.0
	11.0	80.8	81.8	86.9	79.0	80.5	86.6	78.8	81.8	86.0	79.7	83.0	85.2	81.0	83.9	76.4		11.0
	12.0	69.0	69.9	74.7	67.2	68.7	74.5	67.0	69.9	73.9	67.9	71.0	73.1	69.1	71.9	71.1	66.8	12.0
	14.0	52.1	53.0	57.5	50.5	51.8	57.3	50.3	53.0	56.7	51.1	54.0	56.0	52.2	54.8	54.1	54.1	14.0
	16.0	40.8	41.6	46.0	39.2	40.5	45.7	39.0	41.5	45.1	39.7	42.5	44.4	40.8	43.3	42.6	42.6	16.0
	18.0	32.6	33.4	37.6	31.0	32.3	37.3	30.8	33.3	36.8	31.6	34.3	36.1	32.6	35.0	34.3	34.3	18.0
	20.0	26.5	27.3	31.4	24.9	26.2	31.0	24.7	27.1	30.5	25.4	28.0	29.8	26.4	28.8	28.0	28.0	20.0
	22.0	21.7	22.5	26.5	20.2	21.4	26.2	20.0	22.3	25.6	20.6	23.2	24.9	21.5	23.9	23.1	23.1	22.0
	24.0	17.9	18.7	22.6	16.2	17.5	22.2	15.9	18.5	21.7	16.6	19.3	21.0	17.6	20.0	19.2	19.2	24.0
	26.0	14.6	15.4	19.4	12.8	14.1	19.1	12.5	15.1	18.5	13.2	16.0	17.8	14.2	16.8	15.9	15.9	26.0
	28.0	11.8	12.6	16.8	10.1	11.4	16.4	9.8	12.3	15.8	10.4	13.2	15.0	11.4	13.9	13.0	13.0	28.0
	30.0	9.6	10.4	14.7	7.7	9.0	14.1	7.4	10.0	13.4	8.0	10.8	12.6	9.0	11.5	10.6	10.6	30.0
	32.0	7.7	8.5	12.7	5.8	7.1	12.1	5.5	8.0	11.4	6.0	8.7	10.5	7.0	9.4	8.5	8.5	32.0
	34.0	6.1	6.9	11.2	4.1	5.4	10.4		6.3	9.7		7.0	8.8		7.7	6.7		34.0
	36.0						4.0	9.0		4.8	8.2		5.5	7.3		6.1		36.0
	38.0						2.9	7.8		3.5	6.9		4.2	6.0		4.8		38.0
	40.0							7.0			5.8			4.8				40.0
	42.0										4.9			3.8				42.0
	44.0										4.2			2.9				44.0
	46.0																	46.0
	48.0																	48.0
	50.0																	50.0
	52.0																	52.0
	54.0																	54.0
	56.0																	56.0
58.0																	58.0	
60.0																	60.0	
62.0																	62.0	
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	26~82	0~82	0~82	37~82	16~82	0~82	42~82	26~82	43~82	49~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

6段ESPブーム

 6段ESP	 0 t	 9.7m x 9.0m	 AJ	 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	50.0	50.0	50.0	50.0													3.0
	3.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0									3.5
	4.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0									4.0
	4.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					4.5
	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					5.0
	6.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	6.0
	7.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	7.0
	8.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	8.0
	9.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	9.0
	10.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	10.0
	11.0	49.8	49.0	50.0	50.0	48.3	50.0	50.0	50.0	47.4	50.0	50.0	50.0	45.2	50.0	50.0	50.0	11.0
	12.0	39.8	38.9	43.8	45.3	38.2	45.1	48.0	48.5	37.4	44.2	48.3	50.0	35.2	41.7	46.9	50.0	12.0
	14.0		25.4	30.0	31.4	24.6	31.1	33.7	34.2	23.7	30.3	33.9	36.0	21.6	28.0	32.7	36.4	14.0
	16.0		16.8	21.1	22.5	16.0	22.2	24.7	25.2	15.0	21.3	24.9	26.9	13.1	19.0	23.7	27.2	16.0
	18.0					10.1	15.9	18.5	19.0	9.1	15.1	18.6	20.6	7.2	12.8	17.4	20.9	18.0
	20.0					5.9	11.5	13.9	14.4	4.8	10.5	14.0	16.0		8.4	12.8	16.2	20.0
	22.0					3.0	8.3	10.7	11.2		7.1	10.5	12.4		5.0	9.3	12.6	22.0
	24.0										4.5	7.8	9.7			6.5	9.8	24.0
	26.0										2.6	5.8	7.7			4.4	7.6	26.0
	28.0															2.7	5.9	28.0
	30.0																4.6	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	14~82	0~82	0~82	0~82	44~82	19~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	50.0	50.0	50.0														7.0
	8.0	50.0	50.0	50.0	50.0	50.0	50.0											8.0
	9.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					9.0
	10.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0			10.0
	11.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		11.0
	12.0	44.5	45.6	50.0	42.4	44.1	50.0	42.2	45.6	50.0	43.2	46.9	49.4	44.6	48.0	47.0	47.0	12.0
	14.0	30.5	31.5	36.7	28.6	30.1	36.4	28.3	31.4	35.7	29.3	32.6	34.9	30.5	33.6	32.6	32.7	14.0
	16.0	21.5	22.5	27.4	19.6	21.1	27.1	19.3	22.4	26.5	20.2	23.5	25.7	21.4	24.5	23.5	23.5	16.0
	18.0	15.2	16.1	21.0	13.4	14.8	20.7	13.1	16.0	20.1	13.9	17.1	19.2	15.1	18.0	17.0	17.1	18.0
	20.0	10.6	11.5	16.3	8.8	10.2	15.9	8.5	11.4	15.3		12.4	14.5	10.5	13.3	12.3	12.3	20.0
	22.0	7.2	8.0	12.7		6.7	12.3		7.9	11.7		8.8	10.8		9.7			22.0
	24.0	4.5	5.3	9.9			9.5			8.8			8.0					24.0
	26.0		3.1	7.6			7.2			6.5			5.7					26.0
	28.0			5.8			5.3			4.6								28.0
	30.0			4.3			3.8											30.0
	32.0			3.1			2.5											32.0
	34.0																	34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	42.0																	42.0
	44.0																	44.0
	46.0																	46.0
	48.0																	48.0
	50.0																	50.0
	52.0																	52.0
	54.0																	54.0
	56.0																	56.0
	58.0																	58.0
	60.0																	60.0
	62.0																	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	28~82	20~82	0~82	49~82	45~82	0~82	56~82	49~82	31~82	60~82	53~82	47~82	62~82	56~82	62~82	65~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0																	3.0
	3.5																	3.5
	4.0																	4.0
	4.5																	4.5
	5.0																	5.0
	6.0	170.0																6.0
	7.0	170.0	170.0	170.0	170.0													7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5					8.0
	9.0	170.0	170.0	170.0	153.2	170.0	170.0	168.7	101.5	170.0	170.0	170.0	94.3	170.0	170.0	170.0	98.3	9.0
	10.0	170.0	170.0	170.0	142.0	170.0	170.0	157.6	93.5	170.0	170.0	168.1	86.6	168.9	170.0	170.0	90.9	10.0
	11.0	157.3	156.7	159.7	132.4	156.1	160.4	148.0	87.4	155.7	159.8	158.7	80.1	154.4	158.2	161.3	84.5	11.0
	12.0	144.9	144.2	147.2	124.1	143.6	147.9	139.5	81.4	143.2	147.3	149.8	74.4	141.8	145.7	148.9	78.8	12.0
	14.0		123.7	126.8	110.4	123.1	127.5	125.3	71.7	122.6	126.8	129.3	65.1	121.2	125.2	128.4	69.4	14.0
	16.0		107.7	110.7	100.0	107.0	111.4	113.2	64.0	106.4	110.7	113.3	57.8	105.0	109.0	112.3	62.3	16.0
	18.0					94.1	98.4	100.3	57.9	93.3	97.7	100.3	52.0	91.9	96.0	99.4	56.2	18.0
	20.0					83.5	87.9	89.8	52.9	82.6	87.1	89.7	47.2	81.1	85.3	88.7	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	73.7	78.2	80.9	43.3	72.2	76.4	79.8	46.9	22.0
	24.0									66.2	70.8	73.5	40.1	64.6	68.8	72.3	43.3	24.0
	26.0									51.5	55.2	57.6	37.5	58.1	62.4	65.9	40.2	26.0
	28.0													52.6	56.9	60.5	37.6	28.0
30.0													45.1	48.2	51.2	35.4	30.0	
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	ID	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID	
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~68	0~71	0~71	0~71	0~73	0~73	0~73	0~73	0~75	0~75	0~75	0~75	0~77	0~77	0~77	0~77	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

DESIGN

6段ESPブーム

 6段ESP	 195 t	 9.7m x 9.0m	 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0																	3.0
	3.5																	3.5
	4.0	170.0																4.0
	4.5	170.0																4.5
	5.0	170.0	170.0	170.0	170.0													5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8									6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	170.0	170.0	170.0	106.9	8.0
	9.0	170.0	170.0	170.0	153.2	170.0	170.0	168.7	101.5	170.0	170.0	170.0	94.3	170.0	170.0	170.0	98.3	9.0
	10.0	168.8	168.3	170.0	142.0	167.8	170.0	157.6	93.5	167.4	170.0	168.1	86.6	166.1	169.9	170.0	90.9	10.0
	11.0	154.6	154.0	157.0	132.4	153.5	157.8	148.0	87.4	153.1	157.2	158.7	80.1	151.7	155.6	158.7	84.5	11.0
	12.0	142.3	141.7	144.7	124.1	141.1	145.4	139.5	81.4	140.7	144.8	147.2	74.4	139.3	143.2	146.4	78.8	12.0
	14.0		121.4	124.5	110.4	120.8	125.2	125.3	71.7	120.3	124.5	127.0	65.1	118.9	122.9	126.1	69.4	14.0
	16.0		105.6	108.6	100.0	104.9	109.3	111.1	64.0	104.2	108.6	111.1	57.8	102.8	106.9	110.2	62.3	16.0
	18.0					92.1	96.5	98.3	57.9	91.4	95.8	98.4	52.0	89.9	94.0	97.4	56.2	18.0
	20.0					81.7	86.1	88.0	52.9	80.8	85.3	87.9	47.2	79.3	83.5	86.9	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	72.0	76.5	79.2	43.3	70.5	74.7	78.2	46.9	22.0
	24.0									64.6	69.2	71.9	40.1	63.0	67.3	70.8	43.3	24.0
	26.0									51.5	55.2	57.6	37.5	56.6	60.9	64.5	40.2	26.0
	28.0													51.2	55.5	59.1	37.6	28.0
	30.0													45.1	48.2	51.2	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~74	0~75	0~75	0~75	0~77	0~77	0~77	0~77	0~78	0~78	0~78	0~78	0~80	0~80	0~80	0~80	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0																	7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0
	9.0	170.0	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	170.0	153.6	95.0	157.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	157.2	145.2	88.9	156.0	147.1	90.4	145.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	144.9	137.5	83.5	143.6	140.3	85.7	139.4	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	124.6	124.2	74.3	123.3	124.4	77.3	123.1	101.0	79.1	112.2	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	108.6	109.3	66.9	107.3	108.4	70.1	107.1	93.1	72.6	104.4	89.6	73.5	91.9	74.0	73.7	66.8	16.0
	18.0	95.8	96.5	60.7	94.4	95.5	64.1	94.2	86.2	66.8	94.8	84.0	68.4	86.5	69.3	69.4	64.3	18.0
	20.0	85.2	85.9	56.0	83.8	84.9	59.0	83.6	80.1	61.8	84.2	77.6	63.8	81.3	65.0	65.5	60.9	20.0
	22.0	76.4	77.1	51.6	74.9	76.1	54.7	74.7	74.7	57.5	75.4	71.7	59.6	76.2	61.2	62.0	57.6	22.0
	24.0	69.0	69.7	47.8	67.5	68.6	51.2	67.2	69.5	53.8	67.8	66.7	55.9	68.7	57.7	58.8	52.9	24.0
	26.0	62.6	63.3	44.6	61.0	62.2	47.9	60.8	63.1	50.5	61.4	62.3	52.7	62.3	54.5	55.9	48.8	26.0
	28.0	57.1	57.8	41.8	55.5	56.7	45.1	55.2	57.5	47.2	55.8	58.3	49.8	56.7	51.6	53.1	45.3	28.0
	30.0	52.3	53.1	39.3	50.6	51.8	42.5	50.4	52.7	43.8	50.9	53.4	47.2	51.8	49.1	50.6	42.1	30.0
	32.0	48.2	48.9	37.2	46.4	47.6	40.3	46.1	48.4	40.9	46.6	49.1	44.9	47.5	46.7	48.3	39.4	32.0
	34.0	44.2	44.7	35.5	42.7	43.9	38.3	42.3	44.6	38.3	42.8	45.3	42.2	43.7	44.6	45.1	36.9	34.0
	36.0				39.4	40.6	36.6	38.9	41.3	36.0	39.4	41.9	39.7	40.2	42.6	41.7	34.7	36.0
	38.0				36.5	37.7	35.1	35.9	38.3	33.9	36.4	38.9	37.5	37.2	39.5	38.6	32.7	38.0
	40.0				22.8	23.2	27.9	33.3	35.6	32.1	33.6	36.2	35.5	34.4	36.8	35.8	30.9	40.0
	42.0							30.9	33.3	30.5	31.2	33.7	33.6	31.9	34.3	33.3	29.2	42.0
	44.0							23.4	25.4	28.2	29.0	31.5	32.0	29.7	32.0	31.0	27.7	44.0
	46.0										27.0	29.6	30.6	27.6	30.0	28.9	26.4	46.0
	48.0										22.6	24.4	26.6	25.8	28.1	27.0	25.1	48.0
	50.0													24.1	26.5	25.2	23.9	50.0
	52.0													21.7	23.3	23.6	22.9	52.0
	54.0															22.2	21.9	54.0
	56.0															20.8	20.7	56.0
	58.0															12.5	19.4	58.0
	60.0																18.1	60.0
	62.0																10.3	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~81	0~81	0~81	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

						
6段ESP		164 t	9.7m x 9.0m		360°	JPN

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	170.0	170.0	170.0	106.9	8.0
	9.0	170.0	170.0	170.0	153.2	170.0	170.0	168.7	101.5	170.0	170.0	170.0	94.3	170.0	170.0	170.0	98.3	9.0
	10.0	162.0	161.4	164.5	142.0	160.9	165.2	157.6	93.5	160.5	164.6	167.0	86.6	159.2	163.0	166.1	90.9	10.0
	11.0	148.1	147.5	150.5	132.4	146.9	151.3	148.0	87.4	146.5	150.7	153.1	80.1	145.2	149.1	152.2	84.5	11.0
	12.0	136.1	135.4	138.5	124.1	134.9	139.2	139.5	81.4	134.4	138.6	141.1	74.4	133.1	137.0	140.2	78.8	12.0
	14.0		115.7	118.8	110.4	115.1	119.5	121.3	71.7	114.6	118.9	121.4	65.1	113.2	117.2	120.5	69.4	14.0
	16.0		100.4	103.4	100.0	99.6	104.1	105.9	64.0	99.0	103.4	106.0	57.8	97.6	101.7	105.1	62.3	16.0
	18.0					87.3	91.7	93.6	57.9	86.5	91.0	93.6	52.0	85.1	89.2	92.7	56.2	18.0
	20.0					77.2	81.6	83.5	52.9	76.3	80.8	83.5	47.2	74.8	79.0	82.5	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	67.8	72.4	75.1	43.3	66.3	70.5	74.0	46.9	22.0
	24.0									60.7	65.3	68.0	40.1	59.1	63.4	66.9	43.3	24.0
	26.0									51.5	55.2	57.6	37.5	52.9	57.3	60.8	40.2	26.0
	28.0													47.7	52.0	55.6	37.6	28.0
	30.0													43.2	47.6	51.2	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m	
	7.0	170.0	170.0	117.7														7.0	
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0	
	9.0	170.0	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0	
	10.0	164.7	153.6	95.0	157.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0	
	11.0	150.7	145.2	88.9	149.5	147.1	90.4	145.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0	
	12.0	138.7	137.5	83.5	137.4	138.5	85.7	137.2	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0	
	14.0	118.9	119.6	74.3	117.6	118.7	77.3	117.4	101.0	79.1	112.2	95.8	79.4	94.2	79.4	76.4	66.8	14.0	
	16.0	103.4	104.1	66.9	102.1	103.2	70.1	101.9	93.1	72.6	102.6	89.6	73.5	91.9	74.0	73.7	66.8	16.0	
	18.0	91.0	91.7	60.7	89.6	90.7	64.1	89.4	86.2	66.8	90.0	84.0	68.4	86.5	69.3	69.4	64.3	18.0	
	20.0	80.8	81.5	56.0	79.3	80.5	59.0	79.1	80.1	61.8	79.8	77.6	63.8	80.7	65.0	65.5	60.9	20.0	
	22.0	72.3	73.0	51.6	70.8	71.9	54.7	70.6	72.8	57.5	71.2	71.7	59.6	72.1	61.2	62.0	57.6	22.0	
	24.0	65.1	65.8	47.8	63.6	64.7	51.2	63.3	65.6	53.8	64.0	66.4	55.9	64.8	57.7	58.8	52.9	24.0	
	26.0	58.9	59.7	44.6	57.4	58.6	47.9	57.1	59.4	50.5	57.7	60.2	52.7	58.6	54.5	55.9	48.8	26.0	
	28.0	53.7	54.4	41.8	52.0	53.2	45.1	51.8	54.1	47.2	52.4	54.8	49.8	53.2	51.6	53.1	45.3	28.0	
	30.0	49.1	49.8	39.3	47.4	48.6	42.5	47.1	49.4	43.8	47.7	50.2	47.2	48.5	49.1	50.0	42.1	30.0	
	32.0	45.1	45.8	37.2	43.3	44.5	40.3	43.0	45.3	40.9	43.5	46.0	44.9	44.4	46.7	45.9	39.4	32.0	
	34.0	41.7	42.4	35.5	39.7	40.9	38.3	39.3	41.7	38.3	39.9	42.4	42.2	40.7	43.0	42.2	36.9	34.0	
	36.0					36.6	37.8	36.6	36.1	38.5	36.0	36.6	39.1	39.7	37.4	39.8	38.9	34.7	36.0
	38.0					33.8	35.0	35.1	33.3	35.6	33.9	33.7	36.2	37.5	34.5	36.8	35.9	32.7	38.0
	40.0					22.8	23.2	27.9	30.7	33.1	32.1	31.1	33.6	35.3	31.9	34.2	33.2	30.9	40.0
	42.0								28.3	30.8	30.5	28.6	31.2	32.8	29.4	31.8	30.8	29.2	42.0
	44.0								23.4	25.4	28.2	26.3	28.9	30.6	27.0	29.4	28.3	27.7	44.0
	46.0											24.2	26.8	28.6	24.9	27.3	26.2	26.1	46.0
	48.0											22.4	24.4	26.6	23.0	25.4	24.2	24.1	48.0
	50.0														21.3	23.7	22.4	22.4	50.0
	52.0														19.8	22.2	20.8	20.7	52.0
	54.0																19.3	19.2	54.0
	56.0																18.0	17.9	56.0
58.0																12.5	16.7	58.0	
60.0																	15.6	60.0	
62.0																	10.3	62.0	
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1	
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2	
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3	
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4	
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5	
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID	
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t	
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°	
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7		
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t		

6段ESPブーム

 6段ESP		 127 t	 9.7m x 9.0m		 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	170.0	170.0	170.0	106.9	8.0
	9.0	169.3	168.8	170.0	153.2	168.3	170.0	168.7	101.5	167.9	170.0	170.0	94.3	166.6	170.0	170.0	98.3	9.0
	10.0	153.5	152.9	156.0	142.0	152.4	156.7	157.6	93.5	152.0	156.1	158.6	86.6	150.7	154.6	157.7	90.9	10.0
	11.0	140.0	139.4	142.5	132.4	138.8	143.2	145.0	87.4	138.4	142.6	145.1	80.1	137.1	141.0	144.2	84.5	11.0
	12.0	128.4	127.7	130.8	124.1	127.2	131.6	133.3	81.4	126.7	131.0	133.5	74.4	125.3	129.3	132.6	78.8	12.0
	14.0		108.7	111.8	110.4	108.1	112.5	114.3	71.7	107.5	111.9	114.5	65.1	106.1	110.2	113.5	69.4	14.0
	16.0		93.9	97.0	98.0	93.2	97.7	99.5	64.0	92.5	97.0	99.6	57.8	91.1	95.3	98.7	62.3	16.0
	18.0					81.3	85.8	87.7	57.9	80.5	85.0	87.7	52.0	79.0	83.3	86.7	56.2	18.0
	20.0					71.7	76.1	78.0	52.9	70.7	75.3	78.0	47.2	69.2	73.5	77.0	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	61.8	66.6	69.4	43.3	60.2	64.6	68.3	46.9	22.0
	24.0									53.8	58.5	61.3	40.1	52.1	56.5	60.1	43.3	24.0
	26.0									47.3	52.0	54.8	37.5	45.3	49.9	53.4	40.2	26.0
	28.0													39.5	44.3	47.9	37.6	28.0
	30.0													34.8	39.6	43.4	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0
	9.0	170.0	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	156.2	153.6	95.0	155.0	154.4	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	142.7	143.3	88.9	141.4	142.5	90.4	141.3	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	131.0	131.7	83.5	129.7	130.8	85.7	129.6	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	111.9	112.6	74.3	110.6	111.7	77.3	110.4	101.0	79.1	111.1	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	97.0	97.7	66.9	95.6	96.8	70.1	95.4	93.1	72.6	96.1	89.6	73.5	91.9	74.0	73.7	66.8	16.0
	18.0	85.0	85.8	60.7	83.6	84.8	64.1	83.4	85.7	66.8	84.1	84.0	68.4	85.0	69.3	69.4	64.3	18.0
	20.0	75.3	76.0	56.0	73.8	75.0	59.0	73.6	75.9	61.8	74.2	76.7	63.8	75.1	65.0	65.5	60.9	20.0
	22.0	66.5	67.2	51.6	64.9	66.1	54.7	64.7	67.1	57.5	65.4	67.9	59.6	66.3	61.2	62.0	57.6	22.0
	24.0	58.3	59.0	47.8	56.7	57.9	51.2	56.5	58.8	53.8	57.1	59.6	55.9	58.0	57.7	58.8	52.9	24.0
	26.0	51.6	52.3	44.6	50.0	51.2	47.9	49.7	52.0	50.5	50.3	52.8	52.7	51.2	53.5	52.8	48.8	26.0
	28.0	46.0	46.7	41.8	44.4	45.6	45.1	44.1	46.4	47.2	44.7	47.2	48.8	45.6	47.8	47.1	45.3	28.0
	30.0	41.2	42.0	39.3	39.4	40.7	42.5	39.1	41.6	43.8	39.7	42.4	44.0	40.6	43.0	42.2	42.1	30.0
	32.0	37.0	37.8	37.2	35.1	36.4	40.3	34.8	37.3	40.5	35.4	38.1	39.8	36.3	38.8	37.8	37.8	32.0
	34.0	33.5	34.3	35.5	31.5	32.8	37.6	31.1	33.6	36.9	31.7	34.3	36.1	32.6	35.0	34.1	34.1	34.0
	36.0				28.4	29.6	34.6	27.9	30.4	33.8	28.4	31.1	32.9	29.3	31.8	30.8	30.8	36.0
	38.0				25.7	27.0	31.9	25.2	27.6	31.0	25.6	28.3	30.0	26.5	28.9	27.9	27.9	38.0
	40.0				22.8	23.2	27.9	22.8	25.2	28.6	23.1	25.8	27.5	24.0	26.4	25.4	25.3	40.0
	42.0							20.7	23.1	26.4	20.9	23.6	25.3	21.7	24.1	23.1	23.1	42.0
	44.0							18.9	21.3	24.7	19.0	21.6	23.4	19.7	22.1	21.1	21.0	44.0
	46.0										17.3	19.9	21.6	18.0	20.3	19.2	19.2	46.0
	48.0										15.8	18.4	20.2	16.4	18.8	17.6	17.5	48.0
	50.0													15.0	17.3	16.1	16.0	50.0
	52.0													13.8	16.1	14.7	14.7	52.0
	54.0															13.5	13.4	54.0
	56.0															12.4	12.3	56.0
	58.0															11.6	11.3	58.0
	60.0																10.4	60.0
	62.0																9.7	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

						
6段ESP		94 t	9.7m x 9.0m		360°	JPN

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	170.0	170.0	170.0	106.9	8.0
	9.0	160.4	159.9	163.0	153.2	159.3	163.7	165.4	101.5	159.0	163.1	165.5	94.3	157.6	161.5	164.6	98.3	9.0
	10.0	145.0	144.4	147.6	142.0	143.9	148.3	150.0	93.5	143.5	147.7	150.2	86.6	142.1	146.1	149.3	90.9	10.0
	11.0	131.9	131.3	134.5	132.4	130.8	135.2	137.0	87.4	130.3	134.6	137.1	80.1	128.9	133.0	136.2	84.5	11.0
	12.0	120.7	120.0	123.2	124.1	119.4	123.9	125.7	81.4	119.0	123.3	125.9	74.4	117.6	121.7	125.0	78.8	12.0
	14.0		101.6	104.8	105.8	101.0	105.6	107.4	71.7	100.5	104.9	107.5	65.1	99.0	103.2	106.6	69.4	14.0
	16.0		84.6	88.2	89.4	83.7	89.0	91.1	64.0	83.0	88.2	91.2	57.8	81.3	86.2	90.1	62.3	16.0
	18.0					69.3	74.2	76.3	57.9	68.4	73.4	76.4	52.0	66.8	71.5	75.3	56.2	18.0
	20.0					58.2	63.1	65.2	52.9	57.2	62.2	65.1	47.2	55.4	60.2	64.0	51.2	20.0
	22.0					49.7	54.4	56.5	49.1	48.1	53.2	56.1	43.3	46.3	51.3	55.0	46.9	22.0
	24.0									41.0	46.2	49.0	40.1	39.1	44.1	47.9	43.3	24.0
	26.0									35.3	40.6	43.5	37.5	33.3	38.2	42.1	40.2	26.0
	28.0													28.6	33.4	37.4	37.6	28.0
	30.0													24.7	29.5	33.4	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0
	9.0	163.2	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	147.8	148.4	95.0	146.5	147.6	95.7	146.4	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	134.7	135.3	88.9	133.4	134.5	90.4	133.2	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	123.4	124.1	83.5	122.1	123.2	85.7	121.9	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	105.0	105.7	74.3	103.6	104.7	77.3	103.4	101.0	79.1	104.1	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	88.2	89.0	66.9	86.6	87.9	70.1	86.4	89.0	72.6	87.2	89.6	73.5	88.2	74.0	73.7	66.8	16.0
	18.0	73.4	74.2	60.7	71.9	73.1	64.1	71.7	74.2	66.8	72.4	75.1	68.4	73.4	69.3	69.4	64.3	18.0
	20.0	62.1	62.9	56.0	60.5	61.8	59.0	60.3	62.8	61.8	61.0	63.7	63.8	62.0	64.5	63.7	60.9	20.0
	22.0	53.1	53.9	51.6	51.5	52.8	54.7	51.3	53.7	57.1	52.0	54.6	56.4	52.9	55.3	54.6	54.6	22.0
	24.0	46.0	46.7	47.8	44.4	45.6	50.4	44.1	46.5	49.8	44.8	47.4	49.1	45.7	48.1	47.3	47.3	24.0
	26.0	40.2	41.0	44.6	38.4	39.7	44.5	38.1	40.7	43.9	38.8	41.5	43.2	39.8	42.2	41.4	41.4	26.0
	28.0	35.2	36.0	40.1	33.4	34.8	39.6	33.2	35.7	39.0	33.8	36.6	38.3	34.8	37.3	36.4	36.4	28.0
	30.0	31.1	31.9	36.0	29.3	30.6	35.5	29.0	31.5	34.9	29.6	32.3	34.2	30.6	33.1	32.1	32.1	30.0
	32.0	27.7	28.5	32.7	25.8	27.1	32.1	25.5	28.0	31.4	26.0	28.7	30.5	27.0	29.4	28.5	28.5	32.0
	34.0	24.8	25.6	29.8	22.8	24.1	29.1	22.4	24.9	28.3	23.0	25.6	27.4	23.9	26.3	25.4	25.4	34.0
	36.0				20.2	21.5	26.5	19.8	22.3	25.7	20.3	23.0	24.7	21.2	23.6	22.6	22.6	36.0
	38.0				18.0	19.3	24.2	17.5	20.0	23.3	18.0	20.6	22.4	18.8	21.2	20.2	20.2	38.0
	40.0				16.3	17.6	22.5	15.5	18.0	21.3	15.9	18.5	20.3	16.7	19.1	18.1	18.1	40.0
	42.0							13.8	16.2	19.6	14.1	16.7	18.5	14.9	17.3	16.2	16.2	42.0
	44.0							12.4	14.8	18.2	12.5	15.1	16.9	13.2	15.6	14.6	14.5	44.0
	46.0										11.1	13.7	15.4	11.8	14.2	13.0	13.0	46.0
	48.0										9.9	12.5	14.3	10.5	12.9	11.7	11.6	48.0
	50.0													9.3	11.7	10.4	10.4	50.0
	52.0													8.3	10.7	9.3	9.3	52.0
	54.0															8.3	8.2	54.0
	56.0															7.5	7.3	56.0
	58.0															6.8	6.5	58.0
	60.0																5.7	60.0
	62.0																5.2	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

6段ESPブーム

 6段ESP	 57 t	 9.7m x 9.0m	 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
		3.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.0
		3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
		4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
		4.5	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
		5.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
		6.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
		7.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
		8.0	165.8	165.4	168.5	166.4	164.9	169.2	170.0	110.9	164.5	168.6	170.0	103.5	163.2	167.1	170.0	106.9
		9.0	148.2	147.7	150.9	151.8	147.2	151.6	153.4	101.5	146.8	151.0	153.5	94.3	145.4	149.4	152.6	98.3
		10.0	133.4	132.9	136.1	137.1	132.4	136.9	138.7	93.5	131.9	136.3	138.8	86.6	130.6	134.6	137.9	90.9
		11.0	119.1	118.3	122.7	124.1	117.5	123.8	126.2	87.4	116.9	122.9	126.3	80.1	115.0	120.6	125.3	84.5
		12.0	102.5	101.6	105.8	107.1	100.9	106.8	109.2	81.4	100.2	106.0	109.4	74.4	98.4	103.8	108.2	78.8
		14.0		77.1	81.2	82.5	76.3	82.2	84.6	71.7	75.6	81.3	84.7	65.1	73.7	79.1	83.5	69.4
		16.0		60.4	64.2	65.4	59.6	65.0	67.3	64.0	58.8	64.2	67.4	57.8	57.0	62.1	66.2	62.3
		18.0					47.8	53.0	55.2	55.6	46.9	52.2	55.2	52.0	45.0	50.1	54.1	56.2
		20.0					39.0	44.2	46.3	46.7	37.9	43.3	46.2	47.2	36.0	41.3	45.1	48.2
		22.0					32.5	37.6	39.7	40.2	31.0	36.4	39.4	41.1	29.2	34.3	38.3	41.2
		24.0									25.6	30.9	34.0	35.7	23.7	28.7	32.8	35.7
		26.0									21.4	26.6	29.7	31.5	19.4	24.3	28.3	31.3
		28.0													15.8	20.6	24.6	27.7
		30.0													12.9	17.7	21.6	24.7
		1	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
		2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0
		3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0
		4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90
		5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90
		ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9
		t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0
		°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
		7.0	170.0	170.0	117.7													7.0
		8.0	168.7	169.3	109.1	157.0	157.0	107.9										8.0
		9.0	151.1	151.8	101.7	149.8	150.9	101.5	147.0	126.8	100.5	119.6	106.3	95.6				9.0
		10.0	136.4	137.0	95.0	135.0	136.2	95.7	134.9	120.8	95.5	119.6	106.3	93.7	94.2	84.4		10.0
		11.0	123.1	124.0	88.9	121.2	122.8	90.4	121.0	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4	11.0
		12.0	106.1	107.0	83.5	104.4	105.8	85.7	104.1	107.0	86.7	105.0	103.0	86.1	94.2	84.4	76.4	12.0
		14.0	81.4	82.3	74.3	79.7	81.1	77.3	79.4	82.3	79.1	80.3	83.4	79.4	81.5	79.4	76.4	14.0
		16.0	64.2	65.1	66.9	62.6	63.9	69.4	62.3	65.0	68.8	63.1	66.1	68.0	64.2	66.9	66.1	16.0
		18.0	52.2	53.0	57.4	50.5	51.9	57.0	50.3	52.9	56.5	51.1	53.9	55.8	52.1	54.7	53.9	18.0
		20.0	43.3	44.1	48.3	41.7	42.9	47.9	41.4	43.9	47.4	42.1	44.8	46.7	43.1	45.6	44.8	20.0
		22.0	36.4	37.2	41.3	34.6	35.9	40.9	34.3	37.0	40.4	35.1	37.9	39.6	36.1	38.6	37.9	22.0
		24.0	30.7	31.6	35.7	29.0	30.3	35.4	28.7	31.3	34.8	29.4	32.2	34.1	30.4	33.0	32.2	24.0
		26.0	26.2	27.0	31.3	24.4	25.7	30.9	24.1	26.7	30.3	24.8	27.6	29.5	25.8	28.4	27.5	26.0
		28.0	22.5	23.3	27.6	20.7	22.0	27.1	20.4	22.9	26.5	21.0	23.8	25.6	22.0	24.5	23.6	28.0
		30.0	19.4	20.2	24.5	17.5	18.8	23.9	17.2	19.7	23.2	17.8	20.6	22.4	18.8	21.3	20.4	30.0
		32.0	16.8	17.6	21.8	14.9	16.2	21.2	14.5	17.0	20.5	15.1	17.8	19.6	16.0	18.5	17.6	32.0
		34.0	14.6	15.4	19.7	12.6	13.9	18.9	12.2	14.7	18.1	12.8	15.5	17.3	13.7	16.1	15.2	34.0
		36.0				10.7	12.0	16.9	10.3	12.7	16.1	10.8	13.4	15.2	11.6	14.1	13.1	36.0
		38.0				9.1	10.3	15.3	8.5	11.0	14.4	9.0	11.6	13.4	9.8	12.3	11.3	38.0
		40.0				7.9	9.1	14.1	7.1	9.5	12.9	7.4	10.1	11.8	8.3	10.7	9.7	40.0
		42.0							5.8	8.2	11.6	6.1	8.7	10.5	6.9	9.3	8.2	42.0
		44.0							4.8	7.2	10.6	4.9	7.5	9.3	5.6	8.0	6.9	44.0
		46.0										3.9	6.5	8.2	4.5	6.9	5.8	46.0
		48.0										3.0	5.6	7.4	3.6	5.9	4.8	48.0
		50.0													2.7	5.1	3.8	50.0
		52.0														4.4	3.0	52.0
		54.0																54.0
		56.0																56.0
		58.0																58.0
		60.0																60.0
		62.0																62.0
		1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100
		2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100
		3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	100	3
		4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100
		5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100
		ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32
		t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0
		°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	12~82
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

						
6段ESP		27 t	9.7m x 9.0m		360°	JPN

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	153.1	152.7	155.8	156.8	152.2	156.6	158.4	110.9	151.8	156.0	158.5	103.5	150.4	154.4	157.7	106.9	8.0
	9.0	128.1	127.4	132.5	134.0	126.6	133.7	136.6	101.5	125.9	132.8	136.8	94.3	123.8	130.2	135.5	98.3	9.0
	10.0	104.2	103.4	108.6	110.0	102.6	109.8	112.4	93.5	101.9	108.9	112.7	86.6	99.6	106.3	111.4	90.9	10.0
	11.0	85.2	84.4	89.2	90.7	83.6	90.4	93.2	87.4	82.9	89.5	93.4	80.1	80.8	87.0	92.1	84.5	11.0
	12.0	71.4	70.4	75.0	76.4	69.7	76.1	78.7	79.2	69.0	75.2	78.9	74.4	67.0	72.9	77.7	78.8	12.0
	14.0		51.4	55.5	56.8	50.7	56.5	58.9	59.4	50.0	55.7	59.1	61.1	48.1	53.5	57.9	61.4	14.0
	16.0		39.1	43.0	44.2	38.2	43.8	46.1	46.5	37.3	43.0	46.2	48.1	35.4	40.9	45.1	48.4	16.0
	18.0					29.3	34.9	37.1	37.5	28.4	34.1	37.2	39.0	26.5	31.9	36.1	39.2	18.0
	20.0					22.8	28.2	30.5	31.0	21.8	27.3	30.5	32.3	19.9	25.2	29.4	32.5	20.0
	22.0					18.2	23.3	25.6	26.1	16.7	22.1	25.3	27.2	14.9	20.0	24.1	27.3	22.0
	24.0									12.8	18.1	21.2	23.1	10.9	15.9	20.0	23.2	24.0
	26.0									9.7	15.0	18.1	19.9	7.7	12.6	16.6	19.8	26.0
	28.0													5.2	10.0	14.0	17.1	28.0
	30.0													3.1	7.9	11.8	14.9	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	156.2	156.8	109.1	154.9	156.0	107.9											8.0
	9.0	133.0	134.1	101.7	130.9	132.7	101.5	130.7	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	109.1	110.1	95.0	107.0	108.8	95.7	106.8	110.2	95.5	107.9	106.3	93.7	94.2	84.4			10.0
	11.0	89.7	90.7	88.9	87.7	89.4	90.4	87.4	90.8	90.9	88.5	92.0	89.8	89.8	84.4	76.4		11.0
	12.0	75.4	76.4	81.7	73.5	75.1	81.4	73.3	76.4	80.7	74.2	77.6	79.9	75.5	78.6	76.4	66.8	12.0
	14.0	55.8	56.7	61.6	54.1	55.5	61.3	53.8	56.7	60.7	54.7	57.8	59.9	55.9	58.7	57.9	57.9	14.0
	16.0	43.1	44.0	48.5	41.4	42.8	48.2	41.2	43.9	47.6	42.0	44.9	46.9	43.1	45.8	45.0	45.0	16.0
	18.0	34.2	35.0	39.3	32.4	33.8	39.0	32.1	34.9	38.5	32.9	35.9	37.7	34.1	36.7	35.9	35.9	18.0
	20.0	27.4	28.2	32.6	25.6	27.0	32.2	25.3	28.1	31.7	26.1	29.0	31.0	27.2	29.9	29.0	29.0	20.0
	22.0	22.1	22.9	27.4	20.3	21.7	27.0	20.1	22.8	26.4	20.8	23.7	25.6	21.9	24.5	23.6	23.6	22.0
	24.0	17.9	18.8	23.2	16.2	17.5	22.8	15.9	18.5	22.2	16.6	19.5	21.4	17.6	20.2	19.3	19.3	24.0
	26.0	14.6	15.4	19.8	12.8	14.1	19.3	12.5	15.1	18.7	13.2	16.0	17.9	14.2	16.8	15.9	15.9	26.0
	28.0	11.8	12.6	17.0	10.1	11.4	16.5	9.8	12.3	15.8	10.4	13.2	15.0	11.4	13.9	13.0	13.0	28.0
	30.0	9.6	10.4	14.7	7.7	9.0	14.1	7.4	10.0	13.4	8.0	10.8	12.6	9.0	11.5	10.6	10.6	30.0
	32.0	7.7	8.5	12.7	5.8	7.1	12.1	5.5	8.0	11.4	6.0	8.7	10.5	7.0	9.4	8.5	8.5	32.0
	34.0	6.1	6.9	11.2	4.1	5.4	10.4		6.3	9.7		7.0	8.8		7.7	6.7		34.0
	36.0					4.0	9.0		4.8	8.2		5.5	7.3		6.1			36.0
	38.0					2.9	7.8		3.5	6.9		4.2	6.0		4.8			38.0
	40.0						7.0			5.8			4.8					40.0
	42.0									4.9			3.8					42.0
	44.0									4.2			2.9					44.0
	46.0																	46.0
	48.0																	48.0
	50.0																	50.0
	52.0																	52.0
	54.0																	54.0
	56.0																	56.0
	58.0																	58.0
	60.0																	60.0
	62.0																	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	26~82	0~82	0~82	37~82	16~82	0~82	42~82	26~82	43~82	49~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

6段ESPブーム

 6段ESP	 0 t	 9.7m x 9.0m	 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	50.0	50.0	50.0	50.0													3.0
	3.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0									3.5
	4.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0									4.0
	4.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					4.5
	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					5.0
	6.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	6.0
	7.0	44.9	44.6	47.6	48.5	44.2	48.4	50.0	50.0	43.8	47.9	50.0	50.0	42.6	46.4	49.5	50.0	7.0
	8.0	37.6	37.3	40.3	41.2	36.8	41.2	42.9	43.2	36.4	40.6	43.1	44.5	35.2	39.1	42.3	44.8	8.0
	9.0	31.7	31.3	34.4	35.3	30.9	35.2	37.0	37.3	30.4	34.7	37.2	38.7	29.1	33.1	36.4	39.0	9.0
	10.0	26.8	26.3	29.5	30.4	25.9	30.3	32.1	32.5	25.4	29.7	32.3	33.8	24.1	28.2	31.5	34.1	10.0
	11.0	22.6	22.2	25.3	26.3	21.7	26.2	28.0	28.3	21.2	25.6	28.2	29.7	19.9	24.0	27.3	30.0	11.0
	12.0	19.2	18.6	21.8	22.8	18.1	22.6	24.5	24.8	17.6	22.0	24.7	26.2	16.3	20.4	23.8	26.5	12.0
	14.0		12.9	16.1	17.1	12.4	16.9	18.8	19.2	11.8	16.3	19.0	20.5	10.5	14.7	18.1	20.8	14.0
	16.0		8.7	11.8	12.8	8.1	12.6	14.5	14.9	7.4	11.9	14.6	16.2	6.0	10.2	13.7	16.5	16.0
	18.0					4.7	9.2	11.1	11.5	3.9	8.5	11.2	12.8	2.5	6.7	10.2	13.0	18.0
	20.0						6.5	8.4	8.8		5.7	8.4	10.0		3.9	7.5	10.3	20.0
	22.0						4.5	6.5	6.9		3.4	6.2	7.8			5.2	8.0	22.0
	24.0											4.4	6.0			3.3	6.1	24.0
	26.0											3.0	4.7				4.6	26.0
	28.0																3.3	28.0
	30.0																	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	14~82	0~82	0~82	0~82	44~82	20~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	48.1	48.7	50.0														7.0
	8.0	40.8	41.5	45.0	39.6	40.6	44.8											8.0
	9.0	34.9	35.5	39.1	33.6	34.7	39.0	33.5	35.6	38.5	34.1	36.4	38.0					9.0
	10.0	29.9	30.6	34.3	28.6	29.7	34.1	28.5	30.6	33.6	29.2	31.5	33.1	30.0	32.2			10.0
	11.0	25.8	26.5	30.2	24.5	25.5	30.0	24.3	26.5	29.5	25.0	27.3	28.9	25.9	28.0	27.4		11.0
	12.0	22.2	22.9	26.6	20.9	22.0	26.4	20.7	22.9	26.0	21.4	23.8	25.4	22.3	24.5	23.8	23.8	12.0
	14.0	16.5	17.2	21.0	15.1	16.2	20.8	14.9	17.2	20.3	15.6	18.0	19.7	16.5	18.7	18.0	18.1	14.0
	16.0	12.1	12.8	16.6	10.7	11.8	16.4	10.5	12.7	15.9	11.2	13.6	15.3	12.1	14.3	13.6	13.6	16.0
	18.0	8.6	9.3	13.1	7.1	8.3	12.9	7.0	9.2	12.4	7.6	10.1	11.7	8.5	10.8	10.1	10.1	18.0
	20.0	5.7	6.5	10.4	4.3	5.4	10.1	4.1	6.4	9.5		7.2	8.9	5.6	7.9	7.2	7.2	20.0
	22.0	3.4	4.2	8.1		3.1	7.8		4.0	7.2		4.8	6.5		5.5			22.0
	24.0			6.1			5.8			5.2			4.6					24.0
	26.0			4.5			4.2			3.6			2.9					26.0
	28.0			3.2			2.8											28.0
	30.0																	30.0
	32.0																	32.0
	34.0																	34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	42.0																	42.0
	44.0																	44.0
	46.0																	46.0
	48.0																	48.0
	50.0																	50.0
	52.0																	52.0
	54.0																	54.0
	56.0																	56.0
	58.0																	58.0
	60.0																	60.0
	62.0																	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	29~82	21~82	0~82	49~82	45~82	0~82	56~82	49~82	32~82	60~82	53~82	47~82	62~82	56~82	62~82	65~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

						
6段ESP		127 t	9.7m x 8.0m		360°	JPN

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	170.0	170.0	170.0	106.9	8.0
	9.0	163.8	163.3	166.4	153.2	162.8	167.1	168.7	101.5	162.4	166.5	168.9	94.3	161.1	164.9	168.0	98.3	9.0
	10.0	148.2	147.7	150.8	142.0	147.1	151.5	153.2	93.5	146.7	150.9	153.4	86.6	145.4	149.3	152.5	90.9	10.0
	11.0	135.0	134.4	137.5	132.4	133.8	138.3	140.0	87.4	133.4	137.6	140.1	80.1	132.0	136.0	139.3	84.5	11.0
	12.0	123.6	122.9	126.1	124.1	122.4	126.8	128.6	81.4	121.9	126.2	128.7	74.4	120.5	124.6	127.9	78.8	12.0
	14.0		104.3	107.5	108.5	103.7	108.2	110.0	71.7	103.1	107.5	110.2	65.1	101.7	105.9	109.2	69.4	14.0
	16.0		89.9	93.0	94.1	89.2	93.7	95.6	64.0	88.5	93.0	95.7	57.8	87.1	91.3	94.7	62.3	16.0
	18.0					77.5	82.1	84.0	57.9	76.6	81.4	84.1	52.0	75.0	79.6	83.1	56.2	18.0
	20.0					65.5	70.2	72.3	52.9	64.5	69.3	72.2	47.2	62.9	67.4	71.1	51.2	20.0
	22.0					53.6	57.3	58.9	49.1	55.0	59.8	62.7	43.3	53.2	57.9	61.6	46.9	22.0
	24.0									47.4	52.3	55.1	40.1	45.5	50.4	53.9	43.3	24.0
	26.0									41.3	46.4	49.1	37.5	39.3	44.1	47.8	40.2	26.0
	28.0													34.1	38.9	42.7	37.6	28.0
	30.0													29.9	34.6	38.5	35.4	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0
	9.0	166.6	162.8	101.7	157.0	157.0	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	151.0	151.6	95.0	149.7	150.8	95.7	147.0	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	137.7	138.4	88.9	136.4	137.5	90.4	136.3	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	126.3	127.0	83.5	125.0	126.1	85.7	124.8	110.1	86.7	119.6	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	107.6	108.3	74.3	106.3	107.4	77.3	106.1	101.0	79.1	106.8	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	93.1	93.8	66.9	91.7	92.8	70.1	91.5	93.1	72.6	92.1	89.6	73.5	91.9	74.0	73.7	66.8	16.0
	18.0	81.4	82.1	60.7	80.0	81.1	64.1	79.8	82.1	66.8	80.4	82.9	68.4	81.4	69.3	69.4	64.3	18.0
	20.0	69.3	70.1	56.0	67.7	69.0	59.0	67.5	69.9	61.8	68.2	70.8	63.8	69.2	65.0	65.5	60.9	20.0
	22.0	59.7	60.5	51.6	58.2	59.4	54.7	58.0	60.3	57.5	58.6	61.2	59.6	59.6	61.2	61.2	57.6	22.0
	24.0	52.1	52.9	47.8	50.6	51.8	51.2	50.3	52.7	53.8	51.0	53.5	55.1	51.9	54.2	53.4	52.9	24.0
	26.0	45.9	46.6	44.6	44.2	45.5	47.9	44.0	46.4	49.5	44.6	47.2	48.8	45.6	47.8	47.1	47.1	26.0
	28.0	40.7	41.5	41.8	38.9	40.2	44.9	38.6	41.1	44.3	39.3	41.9	43.6	40.2	42.6	41.8	41.8	28.0
	30.0	36.2	37.0	39.3	34.4	35.7	40.5	34.1	36.6	39.9	34.7	37.4	39.1	35.7	38.1	37.2	37.2	30.0
	32.0	32.5	33.3	37.2	30.6	31.9	36.7	30.3	32.7	36.1	30.8	33.5	35.3	31.8	34.2	33.3	33.3	32.0
	34.0	29.3	30.1	34.2	27.3	28.6	33.5	27.0	29.4	32.8	27.5	30.1	31.9	28.4	30.8	29.9	29.9	34.0
	36.0				24.5	25.8	30.7	24.1	26.5	29.9	24.6	27.2	29.0	25.5	27.9	26.9	26.9	36.0
	38.0				22.1	23.4	28.2	21.6	24.0	27.3	22.0	24.7	26.4	22.9	25.3	24.3	24.3	38.0
	40.0				20.2	21.4	26.3	19.4	21.8	25.1	19.8	22.4	24.1	20.6	23.0	22.0	22.0	40.0
	42.0							17.5	19.9	23.2	17.8	20.4	22.1	18.6	20.9	19.9	19.9	42.0
	44.0							15.9	18.3	21.6	16.0	18.6	20.3	16.8	19.1	18.1	18.0	44.0
	46.0										14.5	17.1	18.8	15.2	17.5	16.4	16.4	46.0
	48.0										13.2	15.7	17.5	13.7	16.1	14.9	14.9	48.0
	50.0													12.4	14.8	13.5	13.5	50.0
	52.0													11.3	13.7	12.3	12.2	52.0
	54.0															11.2	11.1	54.0
	56.0															10.2	10.1	56.0
	58.0															9.4	9.2	58.0
	60.0																8.3	60.0
	62.0																7.7	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

6段ESPブーム

 6段ESP	 94 t	 9.7m x 8.0m	 360°	 JPN
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 m	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	170.0	170.0	170.0	166.4	170.0	170.0	170.0	110.9	170.0	170.0	170.0	103.5	169.6	170.0	170.0	106.9	8.0
	9.0	154.3	153.8	156.9	153.2	153.2	157.6	159.3	101.5	152.9	157.0	159.5	94.3	151.5	155.4	158.6	98.3	9.0
	10.0	139.2	138.7	141.8	142.0	138.1	142.6	144.3	93.5	137.7	142.0	144.5	86.6	136.3	140.3	143.6	90.9	10.0
	11.0	126.4	125.8	129.0	130.0	125.3	129.8	131.6	87.4	124.8	129.1	131.7	80.1	123.4	127.5	130.8	84.5	11.0
	12.0	115.5	114.8	118.0	119.0	114.2	118.8	120.6	81.4	113.7	118.1	120.7	74.4	112.3	116.5	119.8	78.8	12.0
	14.0		93.3	97.2	98.5	92.6	98.2	100.4	71.7	91.9	97.3	100.6	65.1	90.1	95.3	99.4	69.4	14.0
	16.0		74.7	78.3	79.4	73.8	79.0	81.2	64.0	73.1	78.2	81.3	57.8	71.4	76.2	80.2	62.3	16.0
	18.0					60.5	65.5	67.5	57.9	59.7	64.6	67.6	52.0	58.0	62.7	66.5	56.2	18.0
	20.0					50.5	55.4	57.4	52.9	49.5	54.5	57.4	47.2	47.7	52.6	56.3	51.2	20.0
	22.0					43.0	47.8	49.8	49.1	41.5	46.6	49.5	43.3	39.7	44.7	48.4	46.9	22.0
	24.0									35.2	40.4	43.2	40.1	33.4	38.2	42.1	43.3	24.0
	26.0									30.2	35.3	38.3	37.5	28.2	33.0	36.9	39.7	26.0
	28.0													24.0	28.7	32.6	35.5	28.0
	30.0													20.5	25.2	29.1	32.1	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 m	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	170.0	170.0	109.1	157.0	157.0	107.9											8.0
	9.0	157.1	157.7	101.7	155.8	156.9	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	142.0	142.7	95.0	140.7	141.8	95.7	140.6	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	129.2	129.9	88.9	127.9	129.0	90.4	127.7	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	118.2	118.9	83.5	116.9	118.0	85.7	116.7	110.1	86.7	117.4	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	97.4	98.3	74.3	95.7	97.1	77.3	95.5	98.3	79.1	96.4	95.8	79.4	94.2	79.4	76.4	66.8	14.0
	16.0	78.3	79.1	66.9	76.7	78.0	70.1	76.5	79.1	72.6	77.2	80.0	73.5	78.3	74.0	73.7	66.8	16.0
	18.0	64.7	65.4	60.7	63.1	64.3	64.1	62.9	65.4	66.8	63.6	66.3	68.1	64.6	67.1	66.3	64.3	18.0
	20.0	54.4	55.2	56.0	52.9	54.1	59.0	52.7	55.1	58.4	53.4	56.0	57.7	54.3	56.7	56.0	56.0	20.0
	22.0	46.5	47.3	51.3	45.0	46.2	50.9	44.7	47.1	50.4	45.4	48.0	49.7	46.4	48.7	48.0	48.0	22.0
	24.0	40.2	41.0	44.9	38.5	39.8	44.5	38.2	40.8	44.0	38.9	41.6	43.3	39.9	42.3	41.5	41.5	24.0
	26.0	34.9	35.7	39.7	33.2	34.5	39.3	32.9	35.4	38.7	33.5	36.3	38.0	34.5	37.0	36.2	36.2	26.0
	28.0	30.5	31.3	35.4	28.8	30.0	35.0	28.5	31.0	34.4	29.1	31.8	33.6	30.1	32.5	31.7	31.7	28.0
	30.0	26.9	27.6	31.8	25.1	26.3	31.3	24.7	27.2	30.7	25.3	28.0	29.8	26.3	28.7	27.8	27.8	30.0
	32.0	23.8	24.6	28.7	21.9	23.2	28.1	21.6	24.0	27.4	22.1	24.8	26.6	23.1	25.5	24.6	24.6	32.0
	34.0	21.2	22.0	26.2	19.2	20.5	25.4	18.8	21.3	24.7	19.4	22.0	23.8	20.3	22.7	21.8	21.8	34.0
	36.0				16.9	18.2	23.1	16.5	18.9	22.3	17.0	19.6	21.4	17.8	20.2	19.3	19.3	36.0
	38.0				14.9	16.2	21.1	14.4	16.8	20.2	14.9	17.5	19.2	15.7	18.1	17.1	17.1	38.0
	40.0				13.4	14.7	19.6	12.6	15.0	18.4	13.0	15.6	17.4	13.8	16.2	15.2	15.2	40.0
	42.0							11.1	13.5	16.8	11.4	14.0	15.7	12.2	14.5	13.5	13.5	42.0
	44.0							9.8	12.2	15.5	9.9	12.5	14.3	10.7	13.0	12.0	11.9	44.0
	46.0										8.7	11.3	13.0	9.4	11.7	10.6	10.6	46.0
	48.0										7.6	10.2	11.9	8.2	10.5	9.4	9.3	48.0
	50.0													7.1	9.5	8.2	8.2	50.0
	52.0													6.3	8.6	7.2	7.2	52.0
	54.0															6.3	6.2	54.0
	56.0															5.5	5.4	56.0
	58.0															4.9	4.6	58.0
	60.0																4.0	60.0
	62.0																3.5	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

					
6段ESP		57 t	9.7m x 8.0m	360°	JPN

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	158.6	158.2	161.3	162.2	157.6	162.1	163.8	110.9	157.3	161.4	163.9	103.5	155.9	159.9	163.0	106.9	8.0
	9.0	141.4	140.9	144.1	145.1	140.4	144.9	146.7	101.5	140.0	144.3	146.8	94.3	138.6	142.6	145.9	98.3	9.0
	10.0	123.3	122.5	127.4	128.8	121.7	128.5	131.3	93.5	121.0	127.6	131.5	86.6	118.9	125.1	130.1	90.9	10.0
	11.0	102.9	102.1	106.6	108.0	101.3	107.7	110.3	87.4	100.7	106.8	110.5	80.1	98.7	104.5	109.2	84.5	11.0
	12.0	87.8	86.8	91.1	92.4	86.1	92.1	94.6	81.4	85.4	91.3	94.7	74.4	83.5	89.1	93.5	78.8	12.0
	14.0		65.5	69.4	70.6	64.8	70.3	72.6	71.7	64.1	69.5	72.8	65.1	62.3	67.4	71.6	69.4	14.0
	16.0		51.5	55.1	56.2	50.6	55.9	58.0	58.4	49.9	55.1	58.1	57.8	48.0	53.1	57.0	60.2	16.0
	18.0					40.3	45.6	47.7	48.1	39.4	44.8	47.7	49.5	37.6	42.8	46.7	49.7	18.0
	20.0					32.7	38.0	40.0	40.4	31.6	37.0	40.0	41.7	29.9	34.9	38.9	41.8	20.0
	22.0					27.1	32.1	34.3	34.8	25.6	30.9	34.0	35.7	23.9	28.8	32.9	35.8	22.0
	24.0									20.9	26.1	29.2	30.9	19.1	24.0	27.9	31.0	24.0
	26.0									17.2	22.3	25.4	27.2	15.2	20.0	24.0	27.1	26.0
	28.0													12.1	16.8	20.7	23.8	28.0
	30.0													9.6	14.2	18.1	21.2	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	161.5	162.2	109.1	157.0	157.0	107.9											8.0
	9.0	144.4	145.0	101.7	143.1	144.2	101.5	142.9	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	127.7	128.8	95.0	125.7	127.4	95.7	125.5	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	107.0	107.9	88.9	105.1	106.7	90.4	104.9	108.0	90.9	105.8	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	91.4	92.3	83.5	89.6	91.1	85.7	89.4	92.3	86.7	90.3	93.5	86.1	91.5	84.4	76.4	66.8	12.0
	14.0	69.6	70.5	74.3	67.9	69.3	74.8	67.7	70.5	74.2	68.6	71.5	73.5	69.7	72.4	71.6	66.8	14.0
	16.0	55.1	56.0	60.3	53.5	54.8	60.0	53.3	55.9	59.5	54.1	56.9	58.8	55.1	57.7	56.9	56.9	16.0
	18.0	44.8	45.6	49.8	43.2	44.5	49.5	43.0	45.5	48.9	43.7	46.4	48.2	44.7	47.2	46.5	46.5	18.0
	20.0	37.1	37.8	41.9	35.3	36.7	41.6	35.1	37.7	41.1	35.8	38.6	40.4	36.9	39.3	38.6	38.6	20.0
	22.0	30.9	31.7	35.8	29.1	30.5	35.5	28.9	31.5	34.9	29.6	32.4	34.3	30.6	33.2	32.4	32.4	22.0
	24.0	25.9	26.7	31.0	24.2	25.5	30.6	24.0	26.5	30.1	24.6	27.4	29.3	25.6	28.2	27.3	27.3	24.0
	26.0	21.9	22.7	27.0	20.2	21.5	26.6	19.9	22.5	26.0	20.6	23.3	25.2	21.6	24.1	23.2	23.2	26.0
	28.0	18.6	19.4	23.7	16.9	18.2	23.2	16.6	19.1	22.6	17.2	19.9	21.7	18.2	20.7	19.8	19.8	28.0
	30.0	15.9	16.7	20.9	14.1	15.4	20.3	13.8	16.3	19.7	14.4	17.1	18.9	15.3	17.8	16.9	16.9	30.0
	32.0	13.6	14.4	18.6	11.7	13.0	17.9	11.4	13.9	17.2	12.0	14.6	16.4	12.9	15.3	14.4	14.4	32.0
	34.0	11.7	12.5	16.6	9.7	11.0	15.9	9.3	11.8	15.2	9.9	12.5	14.3	10.8	13.2	12.3	12.2	34.0
	36.0				8.0	9.2	14.1	7.6	10.0	13.3	8.1	10.7	12.4	8.9	11.3	10.4	10.4	36.0
	38.0				6.5	7.8	12.7	6.0	8.5	11.8	6.5	9.1	10.8	7.3	9.7	8.7	8.7	38.0
	40.0				5.5	6.7	11.6	4.7	7.1	10.4	5.1	7.7	9.4	5.9	8.3	7.3	7.3	40.0
	42.0							3.6	6.0	9.3	3.9	6.5	8.2	4.7	7.0	6.0	6.0	42.0
	44.0							2.7	5.1	8.4	2.8	5.4	7.1	3.5	5.9	4.8	4.8	44.0
	46.0											4.5	6.2		4.9	3.8		46.0
	48.0											3.7	5.4		4.0			48.0
	50.0														3.3			50.0
	52.0														2.6			52.0
	54.0																	54.0
	56.0																	56.0
	58.0																	58.0
	60.0																	60.0
	62.0																	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	12~82	0~82	16~82	27~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

6段ESPブーム

 6段ESP	 27 t	 9.7m x 8.0m	 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	165.2	164.8	168.0	168.9	164.3	168.7	170.0	122.1	164.0	168.2	170.0	114.5	162.7	166.6	169.8	116.5	7.0
	8.0	136.9	136.1	142.0	143.8	135.1	143.5	146.8	110.9	134.4	142.4	147.1	103.5	131.9	139.4	145.5	106.9	8.0
	9.0	105.5	104.7	110.0	111.6	103.9	111.3	114.3	101.5	103.2	110.3	114.5	94.3	101.0	107.7	113.1	98.3	9.0
	10.0	84.6	83.9	88.7	90.1	83.1	89.9	92.6	93.1	82.4	89.0	92.9	86.6	80.3	86.5	91.5	90.9	10.0
	11.0	69.8	69.0	73.5	74.8	68.2	74.6	77.2	77.7	67.6	73.7	77.4	79.5	65.6	71.4	76.1	79.9	11.0
	12.0	58.7	57.8	62.1	63.4	57.1	63.1	65.6	66.1	56.5	62.3	65.8	67.8	54.6	60.1	64.6	68.1	12.0
	14.0		42.3	46.2	47.4	41.5	47.1	49.4	49.9	40.8	46.3	49.6	51.5	38.9	44.3	48.5	51.8	14.0
	16.0		31.7	35.7	36.9	30.9	36.5	38.7	39.1	30.1	35.7	38.8	40.6	28.2	33.6	37.7	40.9	16.0
	18.0					23.4	28.8	31.1	31.5	22.4	28.0	31.2	32.9	20.7	25.9	30.1	33.1	18.0
	20.0					17.8	23.1	25.3	25.8	16.8	22.2	25.4	27.2	15.0	20.1	24.2	27.4	20.0
	22.0					13.9	18.9	21.1	21.6	12.4	17.7	20.8	22.7	10.7	15.6	19.7	22.8	22.0
	24.0									9.0	14.2	17.3	19.1	7.2	12.1	16.0	19.2	24.0
	26.0									6.4	11.5	14.6	16.4	4.4	9.2	13.1	16.2	26.0
	28.0														6.9	10.8	13.9	28.0
	30.0														5.1	9.0	12.0	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	13~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	168.3	168.9	117.7														7.0
	8.0	142.6	143.8	109.1	140.2	142.2	107.9											8.0
	9.0	110.5	111.7	101.7	108.4	110.2	101.5	108.1	111.7	100.5	109.3	106.3	95.6					9.0
	10.0	89.2	90.2	95.0	87.2	88.9	95.4	87.0	90.2	94.8	88.0	91.5	93.7	89.3	84.4			10.0
	11.0	73.9	74.9	80.1	72.0	73.6	79.8	71.8	74.9	79.2	72.8	76.1	78.4	74.0	77.1	76.2		11.0
	12.0	62.5	63.4	68.4	60.7	62.2	68.1	60.5	63.4	67.5	61.4	64.5	66.7	62.6	65.5	64.7	64.7	12.0
	14.0	46.5	47.3	51.9	44.8	46.2	51.7	44.6	47.3	51.1	45.4	48.4	50.3	46.5	49.2	48.4	48.4	14.0
	16.0	35.8	36.7	41.0	34.1	35.5	40.7	33.9	36.6	40.2	34.7	37.6	39.5	35.8	38.4	37.6	37.6	16.0
	18.0	28.1	28.9	33.3	26.3	27.7	33.0	26.1	28.8	32.4	26.9	29.8	31.7	27.9	30.7	29.8	29.8	18.0
	20.0	22.2	23.0	27.4	20.5	21.8	27.1	20.2	22.9	26.6	21.0	23.9	25.8	22.0	24.7	23.8	23.8	20.0
	22.0	17.7	18.5	22.9	16.0	17.3	22.5	15.7	18.3	21.9	16.4	19.2	21.1	17.4	20.0	19.2	19.2	22.0
	24.0	14.1	14.9	19.2	12.3	13.6	18.8	12.1	14.7	18.2	12.8	15.5	17.4	13.8	16.3	15.4	15.4	24.0
	26.0	11.1	11.9	16.2	9.4	10.7	15.8	9.1	11.7	15.2	9.8	12.5	14.4	10.8	13.3	12.4	12.4	26.0
	28.0	8.7	9.5	13.8	7.0	8.3	13.3	6.7	9.2	12.7	7.3	10.0	11.8	8.3	10.8	9.9	9.9	28.0
	30.0	6.7	7.5	11.7	4.9	6.2	11.2		7.1	10.5		7.9	9.7		8.6	7.7		30.0
	32.0	5.1	5.9	10.0		4.5	9.4		5.4	8.8		6.1	7.9		6.8			32.0
	34.0	3.7	4.5	8.7			8.0			7.2			6.4					34.0
	36.0						6.7			5.9			5.0					36.0
	38.0						5.7			4.8								38.0
	40.0						5.0			3.8								40.0
	42.0									3.0								42.0
	44.0																	44.0
	46.0																	46.0
	48.0																	48.0
	50.0																	50.0
	52.0																	52.0
	54.0																	54.0
	56.0																	56.0
	58.0																	58.0
	60.0																	60.0
	62.0																	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	23~82	13~82	0~82	39~82	23~82	0~82	46~82	32~82	16~82	50~82	39~82	50~82	55~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

					
6段ESP		0 t	9.7m x 8.0m	360°	JPN

 m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	50.0	50.0	50.0	50.0												3.0
	3.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								3.5
	4.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								4.0
	4.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					4.5
	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					5.0
	6.0	50.0	49.8	50.0	50.0	49.4	50.0	50.0	50.0	49.1	50.0	50.0	50.0	47.8	50.0	50.0	6.0
	7.0	41.2	40.9	44.0	44.9	40.5	44.8	46.5	46.9	40.1	44.3	46.7	48.2	38.8	42.7	45.9	7.0
	8.0	34.2	33.8	37.0	37.9	33.4	37.8	39.6	39.9	33.0	37.2	39.8	41.2	31.7	35.7	38.9	8.0
	9.0	28.4	28.0	31.2	32.2	27.6	32.1	33.9	34.3	27.1	31.5	34.1	35.6	25.8	30.0	33.3	9.0
	10.0	23.7	23.3	26.4	27.4	22.8	27.3	29.1	29.6	22.3	26.7	29.4	30.9	21.0	25.1	28.5	10.0
	11.0	19.8	19.3	22.5	23.5	18.8	23.3	25.2	25.6	18.3	22.8	25.4	26.9	17.0	21.1	24.5	11.0
	12.0	16.5	15.9	19.1	20.1	15.5	20.0	21.8	22.2	14.9	19.4	22.0	23.6	13.6	17.7	21.2	12.0
	14.0		10.6	13.7	14.8	10.0	14.6	16.5	16.8	9.4	14.0	16.6	18.2	8.0	12.3	15.8	14.0
	16.0		6.5	9.7	10.7	5.9	10.5	12.4	12.8	5.2	9.8	12.5	14.1	3.8	8.1	11.6	16.0
	18.0					2.7	7.2	9.2	9.6		6.5	9.3	10.9		4.8	8.3	18.0
	20.0						4.7	6.7	7.1		3.9	6.7	8.3			5.7	20.0
	22.0						2.8	4.8	5.3			4.6	6.2			3.5	22.0
	24.0											2.9	4.5				24.0
	26.0												3.3				26.0
	28.0																28.0
	30.0																30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	5
ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	31~82	0~82	0~82	0~82	51~82	36~82	0~82	0~82	°
	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	44.5	45.1	48.7														7.0
	8.0	37.4	38.1	41.7	36.2	37.2	41.5											8.0
	9.0	31.7	32.4	36.1	30.4	31.5	35.9	30.3	32.5	35.4	31.0	33.3	34.9					9.0
	10.0	26.9	27.6	31.4	25.6	26.7	31.2	25.5	27.6	30.8	26.1	28.5	30.2	27.0	29.2			10.0
	11.0	22.9	23.7	27.4	21.6	22.7	27.2	21.5	23.7	26.7	22.1	24.5	26.1	23.0	25.2	24.6		11.0
	12.0	19.6	20.3	24.0	18.2	19.3	23.8	18.1	20.3	23.4	18.7	21.1	22.8	19.6	21.8	21.2	21.2	12.0
	14.0	14.1	14.9	18.7	12.7	13.9	18.4	12.6	14.8	17.9	13.2	15.7	17.3	14.2	16.4	15.7	15.7	14.0
	16.0	9.9	10.7	14.5	8.5	9.7	14.3	8.4	10.6	13.8	9.0	11.5	13.2	9.9	12.2	11.5	11.5	16.0
	18.0	6.6	7.4	11.3	5.2	6.4	11.0		7.3	10.5		8.1	9.8		8.9	8.1		18.0
	20.0	4.0	4.7	8.6		3.7	8.3		4.6	7.8		5.4	7.1		6.2			20.0
	22.0		2.5	6.5			6.1			5.6			4.9					22.0
	24.0			4.7			4.3			3.8								24.0
	26.0			3.2			2.8											26.0
	28.0																	28.0
	30.0																	30.0
	32.0																	32.0
	34.0																	34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	42.0																	42.0
	44.0																	44.0
	46.0																	46.0
	48.0																	48.0
50.0																	50.0	
52.0																	52.0	
54.0																	54.0	
56.0																	56.0	
58.0																	58.0	
60.0																	60.0	
62.0																	62.0	
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	41~82	36~82	0~82	55~82	51~82	22~82	61~82	55~82	43~82	64~82	58~82	53~82	66~82	61~82	66~82	69~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

6段ESPブーム

 6段ESP	 94 t	 9.7m x 7.0m	 360°	 JPN
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	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	122.1	170.0	170.0	170.0	114.5	170.0	170.0	170.0	116.5	7.0
	8.0	164.8	164.3	167.4	166.4	163.7	168.2	169.9	110.9	163.4	167.6	170.0	103.5	162.0	166.0	169.1	106.9	8.0
	9.0	147.2	146.7	149.9	150.8	146.1	150.6	152.4	101.5	145.8	150.0	152.5	94.3	144.4	148.4	151.6	98.3	9.0
	10.0	132.5	132.0	135.2	136.1	131.4	136.0	137.7	93.5	131.0	135.3	137.9	86.6	129.6	133.7	137.0	90.9	10.0
	11.0	120.1	119.5	122.8	123.7	119.0	123.5	125.3	87.4	118.5	122.9	125.5	80.1	116.9	121.2	124.6	84.5	11.0
	12.0	104.5	103.6	107.7	108.9	102.9	108.6	110.9	81.4	102.3	107.8	111.1	74.4	100.5	105.7	109.9	78.8	12.0
	14.0		80.1	83.9	85.0	79.4	84.7	86.9	71.7	78.8	83.9	87.0	65.1	77.1	82.0	85.9	69.4	14.0
	16.0		64.3	67.8	68.9	63.5	68.5	70.6	64.0	62.8	67.8	70.7	57.8	61.2	65.8	69.7	62.3	16.0
	18.0					52.0	56.9	58.9	57.9	51.1	56.1	58.9	52.0	49.4	54.2	57.9	56.2	18.0
	20.0					43.2	48.1	50.1	50.5	42.2	47.3	50.0	47.2	40.4	45.4	49.0	51.2	20.0
	22.0					36.6	41.5	43.5	43.9	35.2	40.3	43.2	43.3	33.4	38.3	42.1	44.9	22.0
	24.0									29.6	34.7	37.7	39.3	27.9	32.6	36.5	39.3	24.0
	26.0									25.2	30.3	33.3	35.0	23.3	28.0	31.9	34.8	26.0
	28.0													19.6	24.2	28.0	31.1	28.0
	30.0													16.5	21.1	24.9	27.9	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~81	0~81	0~81	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	170.0	170.0	117.7														7.0
	8.0	167.6	168.2	109.1	157.0	157.0	107.9											8.0
	9.0	150.1	150.7	101.7	148.8	149.9	101.5	147.0	126.8	100.5	119.6	106.3	95.6					9.0
	10.0	135.4	136.1	95.0	134.1	135.2	95.7	133.9	120.8	95.5	119.6	106.3	93.7	94.2	84.4			10.0
	11.0	123.0	123.7	88.9	121.6	122.8	90.4	121.5	115.2	90.9	119.6	106.3	89.8	94.2	84.4	76.4		11.0
	12.0	107.9	108.8	83.5	106.2	107.6	85.7	106.0	108.8	86.7	106.9	103.0	86.1	94.2	84.4	76.4	66.8	12.0
	14.0	84.0	84.8	74.3	82.4	83.7	77.3	82.2	84.8	79.1	83.0	85.8	79.4	84.1	79.4	76.4	66.8	14.0
	16.0	67.8	68.6	66.9	66.3	67.5	70.1	66.1	68.5	72.0	66.8	69.5	71.3	67.8	70.3	69.6	66.8	16.0
	18.0	56.1	56.9	60.7	54.6	55.8	60.6	54.4	56.8	60.1	55.1	57.7	59.4	56.0	58.4	57.7	57.7	18.0
	20.0	47.2	48.0	51.9	45.7	46.9	51.6	45.5	47.9	51.1	46.2	48.7	50.4	47.1	49.4	48.7	48.7	20.0
	22.0	40.3	41.0	44.9	38.6	39.9	44.6	38.3	40.9	44.1	39.0	41.7	43.4	40.0	42.4	41.7	41.7	22.0
	24.0	34.5	35.3	39.3	32.9	34.1	39.0	32.6	35.1	38.4	33.3	36.0	37.7	34.3	36.7	35.9	35.9	24.0
	26.0	29.9	30.6	34.7	28.2	29.4	34.3	27.9	30.4	33.8	28.5	31.2	33.0	29.5	32.0	31.1	31.1	26.0
	28.0	26.0	26.8	30.9	24.3	25.5	30.5	24.0	26.4	29.8	24.6	27.3	29.0	25.5	28.0	27.1	27.1	28.0
	30.0	22.7	23.5	27.6	21.0	22.2	27.1	20.7	23.1	26.5	21.3	23.9	25.7	22.2	24.6	23.7	23.7	30.0
	32.0	20.0	20.8	24.9	18.2	19.4	24.3	17.8	20.3	23.6	18.4	21.0	22.8	19.3	21.7	20.8	20.8	32.0
	34.0	17.7	18.5	22.6	15.8	17.0	21.8	15.4	17.8	21.1	15.9	18.5	20.3	16.8	19.2	18.3	18.3	34.0
	36.0				13.7	14.9	19.8	13.3	15.7	19.0	13.8	16.4	18.1	14.6	17.0	16.1	16.0	36.0
	38.0				11.9	13.2	18.0	11.4	13.8	17.1	11.9	14.5	16.2	12.7	15.1	14.1	14.1	38.0
	40.0				10.6	11.8	16.7		9.8	12.2	15.5	10.2	12.8	11.0	13.4	12.4	12.4	40.0
	42.0							8.5	10.8	14.1	8.7	11.3	13.0	9.5	11.9	10.8	10.8	42.0
	44.0								7.4	9.7	13.0		7.5	10.0	11.7	8.2	8.2	44.0
	46.0											6.3	8.9	10.6	7.0	8.2	8.2	46.0
	48.0											5.4	7.9	9.6	5.9	7.1	7.1	48.0
	50.0														5.0	7.3	6.0	50.0
	52.0														4.2	6.5	5.2	52.0
	54.0																4.4	54.0
	56.0																3.7	56.0
	58.0																3.1	58.0
	60.0																	60.0
	62.0																	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

					
6段ESP		57 t	9.7m x 7.0m	360°	JPN

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m	
		3.0	170.0	170.0	170.0	170.0												3.0	
		3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								3.5	
		4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0								4.0	
		4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6				4.5	
		5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2				5.0	
		6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
		7.0	170.0	170.0	170.0	170.0	169.6	170.0	170.0	122.1	169.3	170.0	170.0	114.5	168.0	170.0	170.0	116.5	7.0
		8.0	150.3	149.8	153.0	154.0	149.3	153.8	155.5	110.9	148.9	153.2	155.7	103.5	147.5	151.6	154.8	106.9	8.0
		9.0	124.1	123.3	128.1	129.6	122.5	129.3	132.0	101.5	121.9	128.4	132.2	94.3	119.8	125.9	130.9	98.3	9.0
		10.0	101.9	101.2	105.7	107.0	100.4	106.8	109.3	93.5	99.8	105.9	109.5	86.6	97.9	103.6	108.2	90.9	10.0
		11.0	85.8	85.0	89.2	90.5	84.2	90.2	92.6	87.4	83.7	89.4	92.8	80.1	81.8	87.2	91.6	84.5	11.0
		12.0	73.5	72.6	76.6	77.9	71.9	77.6	79.9	80.4	71.3	76.8	80.1	74.4	69.5	74.7	78.9	78.8	12.0
		14.0		55.0	58.7	59.9	54.3	59.6	61.8	62.2	53.7	58.9	61.9	63.7	51.9	56.9	60.9	64.0	14.0
		16.0		43.1	46.7	47.8	42.2	47.4	49.5	49.9	41.4	46.7	49.6	51.3	39.6	44.8	48.6	51.6	16.0
		18.0					33.4	38.7	40.7	41.1	32.5	37.9	40.7	42.4	30.8	35.8	39.7	42.6	18.0
		20.0					26.8	31.9	34.1	34.5	25.8	31.0	34.1	35.7	24.1	29.0	33.0	35.9	20.0
		22.0					22.0	26.9	29.1	29.5	20.6	25.7	28.8	30.5	18.8	23.7	27.6	30.6	22.0
		24.0									16.4	21.5	24.5	26.3	14.7	19.4	23.3	26.4	24.0
		26.0									13.2	18.2	21.2	23.0	11.3	16.0	19.8	22.9	26.0
		28.0													8.5	13.2	17.0	20.0	28.0
	30.0													6.3	10.9	14.7	17.7	30.0	
	%	1	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1	
		2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
		3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
		4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	ID	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
		1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID	
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t	
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°	
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t		

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m	
		7.0	170.0	170.0	117.7													7.0	
		8.0	153.3	153.9	109.1	152.0	153.1	107.9										8.0	
		9.0	128.5	129.5	101.7	126.5	128.2	101.5	126.3	126.8	100.5	119.6	106.3	95.6				9.0	
		10.0	106.0	107.0	95.0	104.2	105.7	95.7	104.0	107.0	95.5	104.9	106.3	93.7	94.2	84.4		10.0	
		11.0	89.5	90.4	88.9	87.8	89.2	90.4	87.6	90.5	90.9	88.5	91.6	89.8	89.6	84.4	76.4	11.0	
		12.0	76.9	77.8	82.5	75.2	76.7	82.2	75.0	77.8	81.6	75.9	78.9	80.9	77.0	79.8	76.4	66.8	12.0
		14.0	58.9	59.8	64.2	57.3	58.7	63.9	57.1	59.7	63.3	57.9	60.7	62.6	59.0	61.6	60.8	60.8	14.0
		16.0	46.7	47.5	51.7	45.2	46.5	51.4	45.0	47.5	50.9	45.7	48.4	50.2	46.7	49.2	48.5	48.5	16.0
		18.0	37.9	38.7	42.7	36.2	37.6	42.5	36.0	38.6	41.9	36.7	39.5	41.2	37.8	40.2	39.5	39.5	18.0
		20.0	31.1	31.9	36.0	29.4	30.7	35.7	29.1	31.7	35.1	29.8	32.7	34.5	30.9	33.4	32.6	32.6	20.0
		22.0	25.7	26.5	30.7	24.0	25.3	30.4	23.7	26.3	29.8	24.4	27.2	29.0	25.4	28.0	27.1	27.1	22.0
		24.0	21.4	22.2	26.4	19.7	21.0	26.0	19.4	21.9	25.4	20.1	22.8	24.6	21.1	23.6	22.7	22.7	24.0
		26.0	17.9	18.6	22.9	16.2	17.4	22.4	15.9	18.4	21.8	16.5	19.2	21.0	17.5	20.0	19.1	19.1	26.0
		28.0	15.0	15.7	19.9	13.2	14.5	19.4	12.9	15.4	18.8	13.6	16.2	18.0	14.5	16.9	16.1	16.1	28.0
		30.0	12.5	13.3	17.4	10.8	12.0	16.9	10.5	12.9	16.3	11.1	13.7	15.5	12.0	14.4	13.5	13.5	30.0
		32.0	10.5	11.3	15.4	8.7	9.9	14.8	8.3	10.8	14.1	8.9	11.5	13.3	9.8	12.2	11.3	11.3	32.0
		34.0	8.8	9.6	13.7	6.9	8.1	13.0	6.5	8.9	12.3	7.1	9.7	11.4	7.9	10.3	9.4	9.4	34.0
		36.0				5.4	6.6	11.4	5.0	7.4	10.7	5.4	8.0	9.8	6.3	8.7	7.7	7.7	36.0
		38.0				4.1	5.3	10.1	3.6	6.0	9.3		6.6	8.3	4.9	7.2	6.3	6.3	38.0
		40.0				3.2	4.4	9.2		4.8	8.1		5.4	7.1		6.0	5.0		40.0
		42.0								3.8	7.1		4.3	6.0		4.8			42.0
		44.0								3.0	6.3		3.3	5.0		3.8			44.0
		46.0												2.5	4.2				46.0
		48.0													3.6				48.0
		50.0																	50.0
		52.0																	52.0
		54.0																	54.0
		56.0																	56.0
	58.0																	58.0	
	60.0																	60.0	
	62.0																	62.0	
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1	
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2	
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3	
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4	
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5	
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID	
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t	
	°	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	23~82	0~82	0~82	28~82	0~82	30~82	39~82	°	
	t	16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7		
	t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t		

6段ESPブーム

 6段ESP	 27 t	 9.7m x 7.0m	 360°	 JPN
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 m	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	143.5	142.7	148.8	150.5	141.7	150.2	153.5	122.1	141.1	149.1	153.8	114.5	138.5	146.1	152.2	116.5	7.0
	8.0	107.1	106.4	111.7	113.2	105.5	113.0	115.9	110.9	104.9	112.0	116.1	103.5	102.7	109.3	114.7	106.9	8.0
	9.0	84.0	83.3	88.1	89.5	82.5	89.3	91.9	92.5	81.9	88.4	92.2	94.3	79.8	85.9	90.9	94.8	9.0
	10.0	68.0	67.3	71.8	73.1	66.6	72.9	75.4	75.9	66.0	72.0	75.6	77.7	64.1	69.8	74.4	78.0	10.0
	11.0	56.4	55.6	59.8	61.1	54.9	60.9	63.3	63.7	54.3	60.1	63.5	65.5	52.5	57.9	62.3	65.8	11.0
	12.0	47.5	46.7	50.7	51.9	46.0	51.7	54.0	54.4	45.4	50.9	54.2	56.1	43.5	48.9	53.1	56.4	12.0
	14.0		33.8	37.7	38.9	33.0	38.6	40.8	41.2	32.3	37.9	41.0	42.8	30.5	35.9	39.9	43.0	14.0
	16.0		25.0	28.8	30.0	24.2	29.7	31.9	32.3	23.4	28.9	32.0	33.7	21.6	26.8	31.0	34.0	16.0
	18.0					17.8	23.1	25.4	25.8	16.9	22.3	25.5	27.2	15.2	20.3	24.3	27.5	18.0
	20.0					13.1	18.2	20.4	20.9	12.1	17.3	20.4	22.3	10.4	15.3	19.3	22.5	20.0
	22.0					9.8	14.6	16.8	17.3	8.4	13.5	16.6	18.3	6.6	11.5	15.4	18.5	22.0
	24.0									5.4	10.5	13.5	15.3		8.4	12.3	15.4	24.0
	26.0									3.2	8.2	11.2	13.0		5.9	9.8	12.8	26.0
	28.0														4.0	7.8	10.8	28.0
	30.0															6.2	9.2	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	29~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 m	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	149.3	150.5	117.7														7.0
	8.0	112.2	113.3	109.1	110.1	111.9	107.9											8.0
	9.0	88.6	89.6	95.0	86.6	88.3	94.8	86.4	89.6	94.1	87.4	90.9	93.3					9.0
	10.0	72.2	73.2	78.3	70.4	71.9	78.0	70.2	73.2	77.4	71.1	74.4	76.6	72.4	75.4			10.0
	11.0	60.2	61.1	66.0	58.5	59.9	65.7	58.3	61.2	65.1	59.2	62.3	64.4	60.4	63.2	62.4		11.0
	12.0	51.1	52.0	56.6	49.4	50.8	56.3	49.2	52.0	55.8	50.0	53.0	55.0	51.2	53.9	53.1	53.1	12.0
	14.0	38.0	38.8	43.2	36.4	37.7	42.9	36.2	38.8	42.4	37.0	39.8	41.7	38.1	40.6	39.9	39.9	14.0
	16.0	29.0	29.9	34.1	27.3	28.7	33.9	27.1	29.8	33.3	27.8	30.8	32.6	28.9	31.6	30.8	30.8	16.0
	18.0	22.4	23.2	27.6	20.7	22.0	27.3	20.5	23.1	26.8	21.2	24.1	26.0	22.3	24.9	24.0	24.1	18.0
	20.0	17.4	18.2	22.6	15.7	17.0	22.2	15.5	18.1	21.6	16.2	19.0	20.9	17.2	19.8	18.9	18.9	20.0
	22.0	13.5	14.3	18.6	11.8	13.1	18.2	11.6	14.1	17.6	12.3	15.0	16.9	13.3	15.8	14.9	14.9	22.0
	24.0	10.4	11.2	15.4	8.7	10.0	15.0	8.4	10.9	14.4	9.1	11.8	13.6	10.1	12.6	11.7	11.7	24.0
	26.0	7.8	8.6	12.8	6.1	7.4	12.4		8.4	11.8		9.2	11.0		9.9			26.0
	28.0	5.7	6.5	10.7		5.3	10.2		6.2	9.6		7.0	8.8		7.7			28.0
	30.0	4.0	4.8	8.9			8.4			7.8			6.9					30.0
	32.0		3.4	7.5			6.9			6.2			5.4					32.0
	34.0			6.3			5.6			4.9								34.0
	36.0						4.5			3.7								36.0
	38.0						3.6											38.0
	40.0						3.0											40.0
	42.0																	42.0
	44.0																	44.0
	46.0																	46.0
	48.0																	48.0
	50.0																	50.0
	52.0																	52.0
	54.0																	54.0
	56.0																	56.0
	58.0																	58.0
	60.0																	60.0
	62.0																	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	37~82	29~82	0~82	49~82	38~82	0~82	53~82	44~82	33~82	56~82	48~82	57~82	60~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

 6段ESP		 0 t	 9.7m x 7.0m		 360°	 JPN
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 m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	50.0	50.0	50.0	50.0												3.0
	3.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								3.5
	4.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								4.0
	4.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					4.5
	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					5.0
	6.0	45.4	45.1	48.2	49.1	44.7	49.0	50.0	50.0	44.3	48.5	50.0	50.0	43.0	46.9	50.0	50.0
	7.0	36.9	36.5	39.7	40.6	36.1	40.5	42.3	42.7	35.7	40.0	42.5	44.0	34.4	38.4	41.7	44.3
	8.0	30.2	29.8	33.0	33.9	29.4	33.8	35.6	36.0	28.9	33.3	35.8	37.3	27.6	31.7	35.0	37.6
	9.0	24.7	24.3	27.6	28.5	23.9	28.4	30.2	30.6	23.5	27.9	30.5	32.0	22.1	26.2	29.6	32.3
	10.0	20.3	19.9	23.1	24.1	19.4	24.0	25.8	26.2	18.9	23.4	26.0	27.5	17.6	21.7	25.2	27.9
	11.0	16.6	16.1	19.4	20.4	15.7	20.2	22.1	22.5	15.2	19.6	22.3	23.8	13.8	18.0	21.4	24.1
	12.0	13.5	12.9	16.2	17.2	12.5	17.1	18.9	19.3	11.9	16.5	19.1	20.7	10.6	14.8	18.3	21.0
	14.0		7.9	11.1	12.2	7.4	12.0	13.9	14.3	6.8	11.4	14.1	15.6		9.7	13.2	15.9
	16.0		4.2	7.4	8.4	3.5	8.1	10.0	10.4	2.9	7.5	10.2	11.8		5.7	9.3	12.1
	18.0						5.1	7.1	7.5		4.4	7.2	8.8			6.2	9.0
	20.0						2.8	4.7	5.1			4.8	6.4			3.8	6.6
	22.0							3.1	3.5			2.8	4.4				4.6
	24.0												2.9				3.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0
	°	0~80	0~82	0~82	0~82	8~82	0~82	0~82	0~82	44~82	15~82	0~82	0~82	58~82	47~82	25~82	0~82
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	40.2	40.9	44.5													7.0
	8.0	33.5	34.2	37.8	32.2	33.3	37.7										8.0
	9.0	28.0	28.8	32.5	26.7	27.8	32.3	26.6	28.8	31.8	27.3	29.6	31.3				9.0
	10.0	23.6	24.3	28.0	22.2	23.4	27.8	22.1	24.3	27.4	22.8	25.2	26.8	23.7	25.9		10.0
	11.0	19.8	20.5	24.3	18.5	19.6	24.1	18.3	20.6	23.7	19.0	21.4	23.1	19.9	22.1	21.5	11.0
	12.0	16.6	17.4	21.2	15.3	16.4	21.0	15.1	17.4	20.5	15.8	18.2	19.9	16.7	18.9	18.3	12.0
	14.0	11.5	12.3	16.1	10.1	11.3	15.9	10.0	12.2	15.4	10.6	13.1	14.8	11.6	13.8	13.1	14.0
	16.0	7.6	8.3	12.2		7.3	12.0		8.3	11.5		9.1	10.8		9.9		16.0
	18.0	4.5	5.3	9.2			8.9			8.4			7.7				18.0
	20.0			6.7			6.4			5.9							20.0
	22.0			4.7			4.4										22.0
	24.0			3.0													24.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	32.0																32.0
	34.0																34.0
	36.0																36.0
	38.0																38.0
	40.0																40.0
	42.0																42.0
	44.0																44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	52.0																52.0
	54.0																54.0
	56.0																56.0
	58.0																58.0
	60.0																60.0
	62.0																62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0
	°	50~82	47~82	18~82	61~82	58~82	40~82	66~82	61~82	52~82	68~82	64~82	59~82	70~82	66~82	70~82	72~82
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t

6段ESPブーム

 6段ESP	 57 t	 9.7m x 5.8m	 360°	 JPN
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 m	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	135.8	170.0	170.0	170.0	128.1	170.0	170.0	170.0	127.4	6.0
	7.0	153.6	152.9	158.1	159.6	152.0	159.3	162.1	122.1	151.4	158.3	162.3	114.5	149.2	155.7	160.9	116.5	7.0
	8.0	119.5	118.8	123.5	124.9	118.0	124.7	127.2	110.9	117.5	123.8	127.4	103.5	115.5	121.4	126.1	106.9	8.0
	9.0	96.6	96.0	100.3	101.6	95.2	101.4	103.8	101.5	94.7	100.5	104.0	94.3	92.8	98.3	102.8	98.3	9.0
	10.0	80.3	79.6	83.7	84.9	78.9	84.7	87.0	87.4	78.3	83.9	87.1	86.6	76.5	81.8	86.0	89.3	10.0
	11.0	68.0	67.2	71.2	72.3	66.6	72.1	74.3	74.7	66.0	71.3	74.5	76.3	64.3	69.3	73.4	76.6	11.0
	12.0	58.5	57.6	61.4	62.5	57.0	62.3	64.4	64.9	56.4	61.6	64.6	66.4	54.7	59.6	63.5	66.7	12.0
	14.0		43.6	47.2	48.3	42.8	48.0	50.1	50.5	42.1	47.3	50.2	51.9	40.4	45.4	49.2	52.2	14.0
	16.0		33.7	37.4	38.5	32.9	38.2	40.2	40.6	32.1	37.4	40.3	41.9	30.4	35.4	39.3	42.1	16.0
	18.0					25.6	30.8	32.9	33.3	24.8	29.9	33.0	34.6	23.1	28.0	31.9	34.8	18.0
	20.0					20.2	25.1	27.3	27.7	19.2	24.3	27.3	29.0	17.5	22.3	26.2	29.2	20.0
	22.0					16.2	21.0	23.1	23.5	14.8	19.8	22.8	24.5	13.2	17.9	21.7	24.7	22.0
	24.0									11.4	16.3	19.3	21.0	9.7	14.3	18.1	21.1	24.0
	26.0									8.7	13.6	16.5	18.2	6.8	11.4	15.1	18.1	26.0
	28.0													4.5	9.0	12.7	15.7	28.0
	30.0													2.6	7.1	10.8	13.8	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

 m	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	158.4	159.4	117.7														7.0
	8.0	123.9	124.8	109.1	122.0	123.6	107.9											8.0
	9.0	100.7	101.6	101.7	98.9	100.4	101.5	98.7	101.6	100.5	99.6	102.8	95.6					9.0
	10.0	84.0	84.9	89.5	82.3	83.7	89.3	82.1	84.9	88.7	83.0	86.0	88.0	84.1	84.4			10.0
	11.0	71.4	72.3	76.8	69.8	71.2	76.5	69.6	72.3	76.0	70.5	73.3	75.3	71.6	74.2	73.5		11.0
	12.0	61.7	62.5	66.8	60.1	61.4	66.6	59.9	62.5	66.0	60.7	63.5	65.4	61.7	64.3	63.6	63.6	12.0
	14.0	47.4	48.2	52.3	45.9	47.1	52.1	45.7	48.2	51.5	46.4	49.1	50.9	47.4	49.9	49.2	49.2	14.0
	16.0	37.5	38.3	42.3	35.9	37.2	42.0	35.6	38.2	41.5	36.4	39.1	40.8	37.4	39.9	39.2	39.2	16.0
	18.0	30.0	30.8	34.9	28.4	29.7	34.6	28.2	30.7	34.1	28.9	31.7	33.5	29.9	32.4	31.6	31.6	18.0
	20.0	24.3	25.1	29.3	22.7	23.9	29.0	22.4	25.0	28.4	23.1	25.9	27.7	24.1	26.6	25.8	25.8	20.0
	22.0	19.8	20.6	24.8	18.2	19.4	24.4	17.9	20.4	23.8	18.6	21.3	23.1	19.6	22.0	21.2	21.2	22.0
	24.0	16.2	16.9	21.1	14.5	15.8	20.7	14.3	16.7	20.1	14.9	17.6	19.4	15.9	18.3	17.5	17.5	24.0
	26.0	13.2	14.0	18.1	11.5	12.8	17.7	11.3	13.7	17.1	11.9	14.5	16.3	12.8	15.3	14.4	14.4	26.0
	28.0	10.7	11.5	15.6	9.0	10.3	15.1	8.8	11.2	14.5	9.4	12.0	13.7	10.3	12.7	11.8	11.8	28.0
	30.0	8.7	9.4	13.5	6.9	8.2	13.0	6.7	9.0	12.3	7.2	9.8	11.5	8.1	10.5	9.6	9.6	30.0
	32.0	7.0	7.7	11.7	5.2	6.4	11.2	4.8	7.2	10.5		8.0	9.7	6.3	8.6	7.7	7.7	32.0
	34.0	5.6	6.3	10.3	3.6	4.8	9.6		5.6	8.9		6.4	8.1		7.0			34.0
	36.0					3.5	8.3		4.3	7.5		5.0	6.7		5.6			36.0
	38.0					2.5	7.2		3.1	6.4			5.4					38.0
	40.0						6.5			5.3			4.4					40.0
	42.0									4.5			3.4					42.0
	44.0									3.9								44.0
	46.0																	46.0
	48.0																	48.0
	50.0																	50.0
	52.0																	52.0
	54.0																	54.0
	56.0																	56.0
	58.0																	58.0
	60.0																	60.0
	62.0																	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	0~82	0~82	0~82	0~82	0~82	0~82	28~82	0~82	0~82	39~82	21~82	0~82	43~82	28~82	45~82	50~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

					
6段ESP		27 t	9.7m x 5.8m	360°	JPN

	m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	170.0	170.0	170.0	170.0													3.0
	3.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									3.5
	4.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0									4.0
	4.5	170.0	170.0	170.0	170.0	170.0	170.0	170.0	161.1	170.0	170.0	170.0	155.6					4.5
	5.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	151.8	170.0	170.0	170.0	145.2					5.0
	6.0	143.2	142.4	148.4	150.1	141.5	149.8	153.1	135.8	140.9	148.7	153.3	128.1	138.3	145.7	151.7	127.4	6.0
	7.0	103.3	102.6	107.8	109.3	101.8	109.0	111.9	112.4	101.2	108.1	112.1	114.5	99.0	105.5	110.7	114.8	7.0
	8.0	79.1	78.4	83.1	84.5	77.7	84.2	86.8	87.3	77.1	83.4	87.0	89.2	75.1	81.0	85.8	89.5	8.0
	9.0	62.8	62.2	66.5	67.8	61.5	67.6	70.0	70.5	60.9	66.8	70.2	72.2	59.1	64.6	69.0	72.6	9.0
	10.0	51.2	50.5	54.6	55.8	49.9	55.6	57.9	58.4	49.3	54.9	58.1	60.0	47.6	52.8	57.0	60.4	10.0
	11.0	42.5	41.8	45.7	46.8	41.1	46.6	48.8	49.3	40.5	45.9	49.0	50.9	38.6	43.9	48.0	51.2	11.0
	12.0	35.5	34.8	38.7	39.9	34.1	39.6	41.8	42.2	33.4	38.9	42.0	43.7	31.6	37.0	40.9	44.0	12.0
	14.0		24.5	28.4	29.6	23.8	29.3	31.5	31.9	23.1	28.6	31.7	33.4	21.4	26.5	30.7	33.6	14.0
	16.0		17.5	21.2	22.4	16.7	22.0	24.2	24.7	16.0	21.3	24.4	26.2	14.3	19.3	23.3	26.4	16.0
	18.0					11.6	16.7	18.9	19.3	10.8	15.9	19.0	20.8	9.1	14.0	17.9	21.0	18.0
	20.0					7.8	12.8	14.9	15.3	6.8	11.9	14.9	16.7		9.9	13.8	16.9	20.0
	22.0					5.1	9.9	12.0	12.4		8.7	11.7	13.5		6.8	10.6	13.6	22.0
	24.0										6.3	9.2	10.9			8.0	11.0	24.0
	26.0										4.4	7.3	9.1			6.0	8.9	26.0
	28.0															4.3	7.3	28.0
	30.0															3.0	5.9	30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0	1
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0	2
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0	3
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90	4
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90	5
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9	ID
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0	t
	°	0~80	0~82	0~82	0~82	0~82	0~82	0~82	0~82	17~82	0~82	0~82	0~82	45~82	22~82	0~82	0~82	°
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

	m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	55.6	55.6	60.1	64.0	m
	7.0	108.2	109.3	115.1														7.0
	8.0	83.5	84.5	89.8	81.7	83.3	89.5											8.0
	9.0	66.9	67.9	72.8	65.2	66.7	72.5	65.0	67.9	71.9	65.9	69.0	71.2					9.0
	10.0	55.0	55.9	60.6	53.3	54.8	60.3	53.1	55.9	59.7	54.0	57.0	59.0	55.2	57.9			10.0
	11.0	46.0	46.9	51.4	44.4	45.8	51.1	44.2	46.9	50.6	45.1	47.9	49.9	46.2	48.8	48.1		11.0
	12.0	39.1	39.9	44.2	37.5	38.8	44.0	37.3	39.9	43.4	38.1	40.9	42.8	39.1	41.7	41.0	41.0	12.0
	14.0	28.7	29.6	33.8	27.0	28.4	33.5	26.8	29.5	33.0	27.6	30.5	32.4	28.7	31.3	30.6	30.6	14.0
	16.0	21.4	22.2	26.6	19.8	21.1	26.3	19.5	22.2	25.8	20.3	23.1	25.0	21.3	23.9	23.1	23.1	16.0
	18.0	16.0	16.8	21.2	14.4	15.7	20.8	14.2	16.7	20.3	14.9	17.7	19.5	15.9	18.5	17.6	17.7	18.0
	20.0	11.9	12.7	17.0	10.3	11.6	16.6	10.1	12.6	16.1		13.5	15.3		14.3	13.5	13.5	20.0
	22.0	8.7	9.5	13.7		8.4	13.3		9.4	12.8		10.2	12.0		11.0			22.0
	24.0	6.1	6.9	11.1			10.7			10.1			9.3					24.0
	26.0		4.8	8.9			8.5			7.9			7.1					26.0
	28.0			7.1			6.7			6.1								28.0
	30.0			5.7			5.2											30.0
	32.0			4.5			3.9											32.0
	34.0			3.5														34.0
	36.0																	36.0
	38.0																	38.0
	40.0																	40.0
	42.0																	42.0
	44.0																	44.0
	46.0																	46.0
	48.0																	48.0
	50.0																	50.0
	52.0																	52.0
	54.0																	54.0
	56.0																	56.0
	58.0																	58.0
	60.0																	60.0
	62.0																	62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0	90	45	90	100	1
	2	45	90	0	45	90	0	90	90	45	90	90	90	90	90	90	100	2
	3	45	45	45	45	45	90	45	45	90	90	90	90	90	90	90	100	3
	4	45	45	90	45	45	90	45	90	90	45	45	90	90	90	90	100	4
	5	45	45	90	45	45	90	45	45	90	45	90	90	45	90	90	100	5
	ID	19	25	10	20	26	11	27	28	12	29	30	13	31	14	15	32	ID
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0	56.0	79.0	66.0	53.0	t
	°	30~82	23~82	0~82	50~82	45~82	0~82	57~82	50~82	33~82	61~82	54~82	47~82	63~82	57~82	63~82	66~82	°
		16	16	16	14	14	14	13	13	13	11	11	11	10	10	7	7	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	150t	150t	

6段ESPブーム

 6段ESP	 0 t	 9.7m x 5.8m	 360°	 JPN
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 m	15.0	19.5	19.5	19.5	24.0	24.0	24.0	24.0	28.5	28.5	28.5	28.5	33.0	33.0	33.0	33.0	m
	3.0	50.0	50.0	50.0	50.0												3.0
	3.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								3.5
	4.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								4.0
	4.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0					4.5
	5.0	49.6	49.3	50.0	50.0	48.9	50.0	50.0	50.0	48.5	50.0	50.0	50.0				5.0
	6.0	39.1	38.7	41.9	42.9	38.3	42.8	44.6	44.9	37.9	42.2	44.8	46.3	36.6	40.7	44.0	46.6
	7.0	31.1	30.7	34.0	34.9	30.3	34.8	36.6	37.0	29.9	34.3	36.9	38.4	28.6	32.7	36.0	38.7
	8.0	24.8	24.5	27.7	28.7	24.0	28.6	30.4	30.8	23.6	28.0	30.7	32.2	22.2	26.4	29.8	32.5
	9.0	19.8	19.4	22.7	23.7	19.0	23.6	25.4	25.8	18.5	23.0	25.7	27.2	17.2	21.4	24.8	27.5
	10.0	15.8	15.3	18.6	19.6	14.8	19.5	21.3	21.7	14.4	18.9	21.6	23.1	13.0	17.2	20.7	23.4
	11.0	12.4	11.9	15.2	16.2	11.4	16.0	17.9	18.3	10.9	15.4	18.1	19.7		13.8	17.3	20.0
	12.0	9.6	9.0	12.3	13.3	8.5	13.1	15.0	15.4	7.9	12.5	15.2	16.8		10.8	14.4	17.2
	14.0		4.4	7.7	8.7	3.9	8.5	10.4	10.8		7.9	10.6	12.2			9.7	12.5
	16.0			4.2	5.3		5.0	7.0	7.4		4.4	7.1	8.7			6.2	9.0
	18.0							4.3	4.7			4.4	6.0				6.3
	20.0								2.6				3.9				4.1
	22.0																22.0
	24.0																24.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	1	0	0	0	0	0	0	0	0	45	0	0	0	90	45	0	0
	2	0	45	0	0	90	0	0	0	90	45	0	0	90	45	45	0
	3	0	0	0	0	0	45	0	0	0	45	45	0	0	45	45	0
	4	0	0	45	0	0	45	45	0	0	45	45	45	0	45	45	90
	5	0	0	0	45	0	0	45	90	0	0	45	90	0	0	45	90
	ID	1	2	21	6	3	22	16	7	4	23	17	8	5	24	18	9
	t	100.0	85.0	84.0	98.0	67.0	90.0	95.0	60.0	79.0	86.0	91.0	96.0	63.0	79.0	86.0	60.0
	°	0~80	0~82	0~82	0~82	37~82	0~82	0~82	0~82	55~82	40~82	16~82	0~82	65~82	57~82	46~82	23~82
		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	

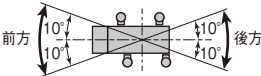
 m	37.6	37.6	37.6	42.1	42.1	42.1	46.6	46.6	46.6	51.1	51.1	51.1	m
	7.0	34.5	35.2	38.9									7.0
	8.0	28.2	28.9	32.7	26.9	28.0	32.5						8.0
	9.0	23.2	23.9	27.7	21.9	23.0	27.5	21.7	24.0	27.1	22.4	24.8	9.0
	10.0	19.1	19.8	23.6	17.7	18.9	23.4	17.6	19.8	23.0	18.3	20.7	10.0
	11.0	15.6	16.4	20.2	14.3	15.4	20.0	14.1	16.4	19.5		17.2	11.0
	12.0	12.7	13.5	17.3	11.3	12.5	17.1		13.5	16.6		14.3	12.0
	14.0	8.1	8.8	12.7			12.5			12.0			14.0
	16.0			9.2			8.9			8.4			16.0
	18.0			6.4			6.1						18.0
	20.0			4.2									20.0
	22.0												22.0
	24.0												24.0
	26.0												26.0
	28.0												28.0
	30.0												30.0
	32.0												32.0
	34.0												34.0
	36.0												36.0
	38.0												38.0
	40.0												40.0
	42.0												42.0
	44.0												44.0
	46.0												46.0
	48.0												48.0
	50.0												50.0
	52.0												52.0
	54.0												54.0
	56.0												56.0
	58.0												58.0
	60.0												60.0
	62.0												62.0
	1	45	0	0	90	45	0	90	45	0	90	45	0
	2	45	90	0	45	90	0	90	90	45	90	90	0
	3	45	45	45	45	45	90	45	45	90	90	90	0
	4	45	45	90	45	45	90	45	90	90	45	45	90
	5	45	45	90	45	45	90	45	45	90	45	90	90
	ID	19	25	10	20	26	11	27	28	12	29	30	13
	t	79.0	71.0	93.0	65.0	80.0	77.0	66.0	57.0	87.0	67.0	72.0	74.0
	°	59~82	57~82	42~82	67~82	65~82	53~82	71~82	68~82	60~82	73~82	69~82	66~82
		16	16	16	14	14	14	13	13	13	11	11	11
		350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t	350t

 6段ESP		 0 t	 9.7m × 2.6m	 360 °	 JPN
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	m	15.0	19.5	24.0
	3.0	15.0	15.0	
	3.5	15.0	15.0	15.0
	4.0	15.0	15.0	15.0
	4.5	15.0	15.0	15.0
	5.0	15.0	15.0	15.0
	6.0	15.0	15.0	15.0
	7.0	12.1	15.0	15.0
	8.0		11.7	14.0
	9.0			
	10.0			
	11.0			
	12.0			
	14.0			
	16.0			
	18.0			
	20.0			
	22.0			
	24.0			
	26.0			
	28.0			
	30.0			
	1	0	0	0
	2	0	0	0
	3	0	0	0
	4	0	0	0
	5	0	45	90
	%			
	ID	1	6	7
	t	100.0	98.0	60.0
	°	42~80	52~82	58~82
		17	17	17
		350t	350t	350t

 6段ESP		 0 t	 9.7m × 2.6m	 前方・後方	 JPN
--	--	--	--	--	--

	m	15.0	19.5	24.0
	3.0	15.0	15.0	
	3.5	15.0	15.0	15.0
	4.0	15.0	15.0	15.0
	4.5	15.0	15.0	15.0
	5.0	15.0	15.0	15.0
	6.0	15.0	15.0	15.0
	7.0	15.0	15.0	15.0
	8.0	15.0	15.0	15.0
	9.0	15.0	15.0	15.0
	10.0	15.0	15.0	15.0
	11.0	15.0	15.0	15.0
	12.0	15.0	15.0	15.0
	14.0		15.0	15.0
	16.0		11.8	13.8
	18.0			10.6
	20.0			8.0
	22.0			6.2
	24.0			
	26.0			
	28.0			
	30.0			
	1	0	0	0
	2	0	0	0
	3	0	0	0
	4	0	0	0
	5	0	45	90
	%			
	ID	1	6	7
	t	100.0	98.0	60.0
	°	0~80	0~82	0~82
		17	17	17
		350t	350t	350t

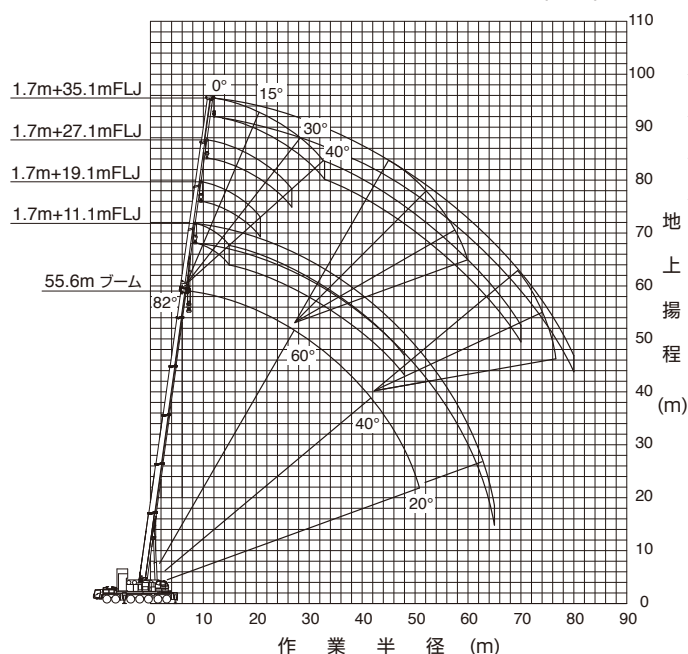


オールテレーンクレーン
AR-7000N-1
フルオートラフティングジブ



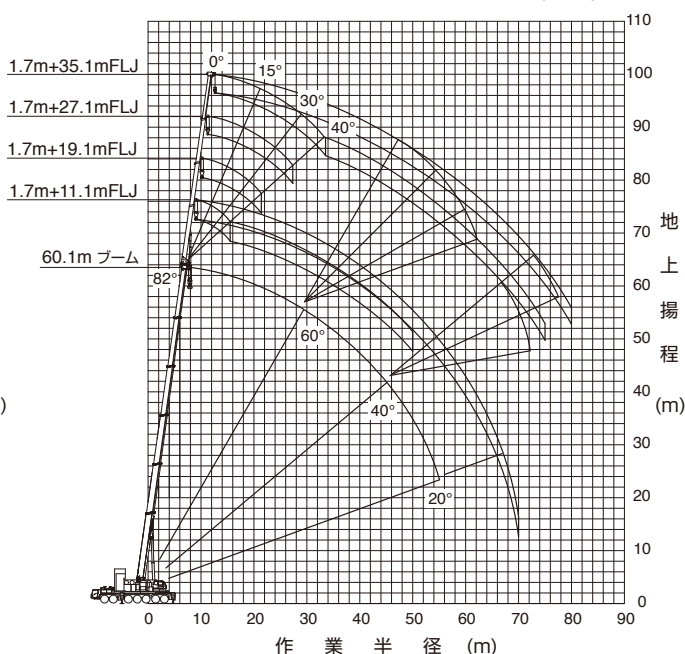
6段ESPブーム+フルオートラフィングジブ(FLJ)作業半径－揚程図

55.6m6段ESPブーム
+1.7m+フルオートラフィングジブ(FLJ)



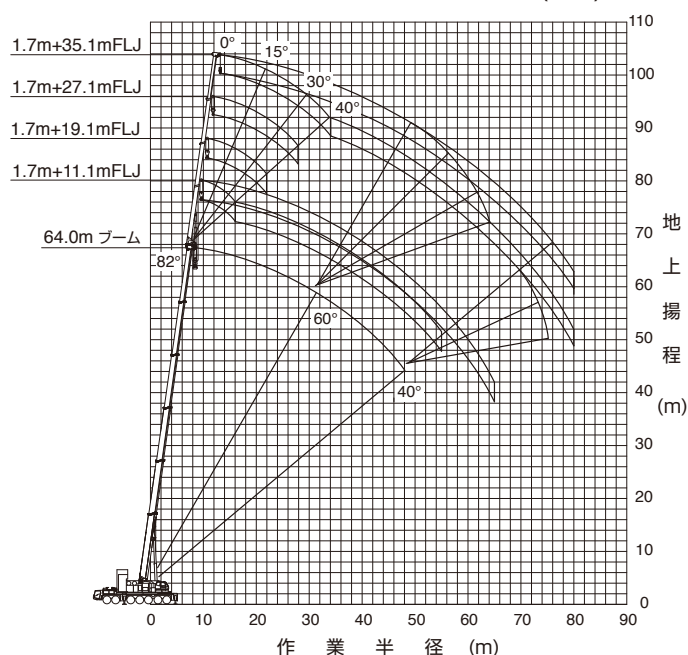
(注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト164 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を图示しています。

60.1m6段ESPブーム
+1.7m+フルオートラフィングジブ(FLJ)



(注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト164 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を图示しています。

64.0m6段ESPブーム
+1.7m+フルオートラフィングジブ(FLJ)



(注意) 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト164 t、アウトリガ張出幅9.0m、アシストジャッキ使用時の性能を图示しています。

フルオートラフィングジブ

6段ESPブーム+フルオートラフィングジブ(FLJ)定格総荷重表

■ 定格総荷重表注意事項

- ◆性能設定のあるカウンタウエイトとアウトリガ張出幅の組合せを、下表に○印で示します。
AJ付はアシストジャッキを装着している状態を示します。

【6段ESPブーム+フルオートラフィングジブ(FLJ)】

アウトリガ張出幅	カウンタウエイト	164 t	127 t	94 t	57 t	27 t
9.0 m (AJ付)		○	○	○	○	○
9.0 m		○	○	○	○	○
8.0 m			○	○	○	
7.0 m				○	○	

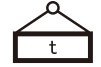
- ◆定格総荷重は、つり具質量とフック質量 (80tフック:1,870kg、25tフック:1,200kg、12.5tフック:500kg)を含んだ値を示します。
- ◆定格総荷重は、ブームとジブのたわみを含んだ実際の作業半径に基づいています。
- ◆定格総荷重表中の標準巻掛本数より少ない本数で使用する場合、最大荷重の上限は下表のとおりです。

巻掛本数	5本	3本	2本	1本
最大荷重	62.5t	37.5t	25.0t	12.5t

ただし、この掛数以外で使用する場合は、ロープ1本当りの荷重は、主巻・補巻ともに12.5t以下です。

- ◆定格総荷重は、アウトリガを水平堅土上に設置したときの値です。
- ◆定格総荷重表は、風による影響を含んでいません。瞬間最大風速が10m/s以上の風速では、クレーン作業を中止してください。
- ◆定格総荷重表中の太線より上側はクレーンの強度に基づき、下側はクレーンの安定に基づいています。

定格総荷重表中のシンボル、記号の説明

		フルオートラフィングジブ (FLJ) の 定格総荷重を示します。		フルオートラフィングジブ (FLJ) のジブ長さを 示します。
	ブーム長さを示します。			ジブのオフセット角度を示し、ブームの中心線と ジブの中心線のなす角度を示します。
	カウンタウエイト (C/W) 組合せを示します。			作業半径を示します。
	アウトリガ張出幅を示します。			ブーム伸縮状態 (伸縮割合 %) を示します。 IDはブーム伸縮状態に対応する番号を示します。
	アシストジャッキ (AJ) を装着している状態を 示します。			無負荷状態で作動可能なブーム起伏角度範囲 を示します。
	吊上げ可能な旋回範囲を示します。 360°旋回可能です。			標準巻掛本数を示します。
	定格総荷重の単位を示します。			標準フックを示します。

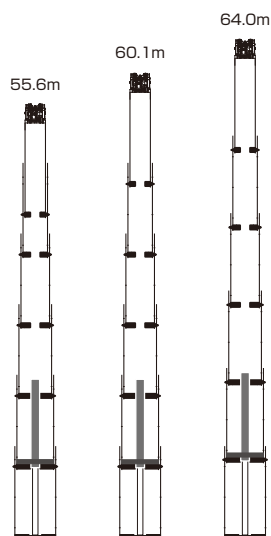
■ 定格総荷重表の見方

1. ブーム長さ、カウンタウエイトの重量、アウトリガ張出幅、アシストジャッキ(AJ)の装着の有無に応じた性能を選択します。
2. ジブ長さ,IDとオフセット角度の欄を見ます。
3. 作業半径を見ます。
4. オフセット角度と作業半径が交差するところが定格総荷重です。

1																	
55.6m 6段ESP		1.7m+FLJ		164 t		9.7m × 9.0m		AJ		360°		JPN					
 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0.0	15.0	30.0	40.0	0.0	15.0	30.0	40.0	0.0	15.0	30.0	40.0	0.0	15.0	30.0	40.0	°
 m	16.0	48.6			27.2												16.0
	18.0	47.2	35.6		26.2				15.5								18.0
	20.0	44.6	33.5	25.1	24.3	15.9			14.7				8.6				20.0
	22.0	42.2	31.5	24.1	22.7	15.1			13.4				8.6				22.0
	24.0	39.9	29.8	23.2	21.2	14.3	11.0		12.4	7.9			8.6				24.0
	26.0	37.4	28.2	22.3	20.0	13.7	10.6	9.3	11.5	7.5			8.0				26.0
	28.0	34.9	26.8	21.5	18.8	13.1	10.3	9.1	10.7	7.1			7.4	4.7			28.0
	30.0	32.8	25.5	20.8	17.6	12.5	9.9	8.8	10.0	6.8	5.1		6.9	4.5			30.0
	32.0	30.9	24.3	20.1	16.6	12.0	9.6	8.6	9.3	6.4	4.9		6.4	4.2			32.0
	34.0	29.2	23.2	19.5	15.7	11.5	9.3	8.4	8.7	6.1	4.7	4.1	6.0	4.0			34.0
	36.0	27.6	22.3	19.0	14.8	11.1	9.1	8.3	8.2	5.9	4.6	4.0	5.6	3.8	2.8		36.0
	38.0	26.2	21.3	18.4	14.1	10.6	8.8	8.1	7.7	5.6	4.4	3.9	5.2	3.6	2.7		38.0
	40.0	23.9	20.5	17.9	13.4	10.3	8.6	8.0	7.3	5.4	4.3	3.8	4.9	3.4	2.6	2.2	40.0
	42.0	21.5	19.7	17.5	12.7	9.9	8.4	7.8	6.9	5.1	4.1	3.7	4.6	3.3	2.5	2.1	42.0
	44.0	19.2	18.0	17.1	12.1	9.6	8.2	7.7	6.6	4.9	4.0	3.6	4.3	3.1	2.4	2.1	44.0
	46.0	17.2	18.0	16.7	11.6	9.3	8.1	7.6	6.2	4.7	3.9	3.5	4.1	3.0	2.3	2.0	46.0
	48.0	15.4	16.1	16.4	11.1	9.0	8.4	7.5	5.9	4.6	3.8	3.4	3.9	2.8	2.2	1.9	48.0
	50.0	13.7	14.3	14.7		10.6	8.7	7.4	5.6	4.4	3.7	3.4	3.7	2.7	2.1	1.9	50.0
55.0	10.1	10.6	10.8		9.6	8.1	7.3	5.0	4.0	3.5	3.2	3.2	2.4	1.9	1.7	55.0	
60.0	7.2	7.5			8.7	7.7	7.2		4.5	3.7	3.3	3.1	2.8	2.2	1.8	1.6	60.0
65.0	4.7				6.9	7.3			4.1	3.5	3.2	3.1	2.5	2.0	1.6	1.5	65.0
70.0					4.6	5.0			3.7	3.3	3.1		2.2	1.8	1.5	1.4	70.0
75.0									3.4	3.1			1.9	1.6	1.4		75.0
80.0									3.2				1.7	1.5	1.4		80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	14~82	30~82	39~82	50~82	23~82	25~82	44~82	51~82	18~82	31~82	40~82	48~82	32~82	36~82	37~82	52~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

■ 性能ブロック図

性能設定のあるIDを示します。



性能ブロック	9	2	10
ID	31	15	32

フルオートラフィングジブ

 55.6m 6段ESP	 1.7m+FLJ	 164 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	48.6			27.2												16.0
	18.0	47.2	35.6		26.2				15.5								18.0
	20.0	44.6	33.5	25.1	22.0	24.3	15.9		14.7				8.6				20.0
	22.0	42.2	31.5	24.1	21.3	22.7	15.1		13.4				8.6				22.0
	24.0	39.9	29.8	23.2	20.6	21.2	14.3	11.0	12.4	7.9			8.6				24.0
	26.0	37.4	28.2	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0	34.9	26.8	21.5	19.5	18.8	13.1	10.3	9.1	10.7	7.1		7.4	4.7			28.0
	30.0	32.8	25.5	20.8	19.0	17.6	12.5	9.9	8.8	10.0	6.8	5.1	6.9	4.5			30.0
	32.0	30.9	24.3	20.1	18.5	16.6	12.0	9.6	8.6	9.3	6.4	4.9	6.4	4.2			32.0
	34.0	29.2	23.2	19.5	18.1	15.7	11.5	9.3	8.4	8.7	6.1	4.7	6.0	4.0			34.0
	36.0	27.6	22.3	19.0	17.7	14.8	11.1	9.1	8.3	8.2	5.9	4.6	5.6	3.8	2.8		36.0
	38.0	26.2	21.3	18.4	17.4	14.1	10.6	8.8	8.1	7.7	5.6	4.4	5.2	3.6	2.7		38.0
	40.0	23.9	20.5	17.9	17.1	13.4	10.3	8.6	8.0	7.3	5.4	4.3	4.9	3.4	2.6	2.2	40.0
	42.0	21.5	19.7	17.5	16.8	12.7	9.9	8.4	7.8	6.9	5.1	4.1	4.6	3.3	2.5	2.1	42.0
	44.0	19.2	19.0	17.1	16.5	12.1	9.6	8.2	7.7	6.6	4.9	4.0	4.3	3.1	2.4	2.1	44.0
	46.0	17.2	18.0	16.7	16.3	11.6	9.3	8.1	7.6	6.2	4.7	3.9	4.1	3.0	2.3	2.0	46.0
	48.0	15.4	16.1	16.4	16.1	11.1	9.0	7.9	7.5	5.9	4.6	3.8	3.9	2.8	2.2	1.9	48.0
	50.0	13.7	14.3	14.7		10.6	8.7	7.7	7.4	5.6	4.4	3.7	3.4	2.7	2.1	1.9	50.0
	55.0	10.1	10.6	10.8		9.6	8.1	7.4	7.3	5.0	4.0	3.5	3.2	2.4	1.9	1.7	55.0
	60.0	7.2	7.5			8.7	7.7	7.2		4.5	3.7	3.3	3.1	2.8	2.2	1.8	60.0
	65.0	4.7				6.9	7.3			4.1	3.5	3.2	3.1	2.5	2.0	1.6	65.0
	70.0					4.6	5.0			3.7	3.3	3.1		2.2	1.8	1.5	70.0
	75.0									3.4	3.1			1.9	1.6	1.4	75.0
	80.0									3.2				1.7	1.5	1.4	80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	14~82	30~82	39~82	50~82	23~82	25~82	44~82	51~82	18~82	31~82	40~82	48~82	32~82	36~82	37~82	52~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 60.1m 6段ESP	 1.7m+FLJ	 164 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	39.6															16.0
	18.0	37.5	32.8		24.9				14.6								18.0
	20.0	35.3	31.0		24.8				14.6				8.3				20.0
	22.0	33.3	29.3	24.3	21.4	23.2	15.2		13.8				8.3				22.0
	24.0	31.4	27.8	23.4	20.8	21.7	14.5		12.7				8.3				24.0
	26.0	29.6	26.3	22.6	20.2	20.5	13.8	10.7	11.8	7.5			8.1				26.0
	28.0	28.0	24.9	21.9	19.7	19.3	13.2	10.3	9.1	11.0	7.1		7.6				28.0
	30.0	26.5	23.6	21.2	19.2	18.2	12.7	10.0	8.9	10.3	6.8		7.1	4.5			30.0
	32.0	25.1	22.5	20.5	18.8	17.2	12.2	9.7	8.6	9.6	6.5	5.0	6.6	4.3			32.0
	34.0	23.7	21.4	19.9	18.4	16.3	11.7	9.4	8.5	9.0	6.2	4.8	6.2	4.1			34.0
	36.0	22.5	20.4	19.1	18.0	15.4	11.3	9.2	8.3	8.5	5.9	4.6	5.8	3.9			36.0
	38.0	21.4	19.4	18.3	17.6	14.6	10.9	8.9	8.2	8.0	5.7	4.5	5.4	3.7	2.7		38.0
	40.0	20.3	18.6	17.6	17.3	13.9	10.5	8.7	8.0	7.6	5.4	4.3	5.1	3.5	2.6		40.0
	42.0	19.4	17.8	16.9	16.6	13.3	10.1	8.5	7.9	7.2	5.2	4.2	4.8	3.3	2.5	2.1	42.0
	44.0	18.5	17.0	16.2	16.0	12.7	9.8	8.3	7.8	6.8	5.0	4.1	4.5	3.2	2.4	2.1	44.0
	46.0	17.7	16.3	15.6	15.5	12.1	9.5	8.2	7.6	6.5	4.8	3.9	4.3	3.0	2.3	2.0	46.0
	48.0	15.8	15.7	15.1	15.0	11.6	9.2	8.0	7.5	6.2	4.7	3.8	4.0	2.9	2.2	1.9	48.0
	50.0	14.1	14.8	14.6	14.5	11.1	8.9	7.8	7.4	5.9	4.5	3.7	3.4	2.8	2.2	1.9	50.0
	55.0	10.5	11.1	11.4		10.1	8.3	7.5	7.3	5.3	4.1	3.5	3.2	2.5	2.0	1.7	55.0
	60.0	7.6	8.0	8.1		9.2	7.8	7.3	7.2	4.7	3.8	3.3	3.1	2.9	2.2	1.8	60.0
	65.0	5.0	5.3			7.2	7.5	7.1		4.3	3.6	3.2	3.1	2.6	2.0	1.7	65.0
	70.0	3.0				4.9	5.4			3.9	3.3	3.1		2.3	1.8	1.6	70.0
	75.0					3.0	3.3			3.6	3.2	3.0		2.1	1.7	1.5	75.0
	80.0									3.3	3.1			1.8	1.5	1.4	80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
 °	11~82	28~82	38~82	52~82	22~82	23~82	42~82	49~82	28~82	30~82	39~82	52~82	37~82	41~82	43~82	50~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

						
64.0m 6段ESP	1.7m+FLJ	164 t	9.7m x 9.0m	AJ	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	28.5																16.0
	18.0	28.5				18.1												18.0
	20.0	28.5	28.5			18.1				10.9								20.0
	22.0	28.5	27.6	24.5		18.1				10.9				6.5				22.0
	24.0	28.5	26.2	23.7	20.9	18.1	14.6			10.9				6.5				24.0
	26.0	27.8	24.9	22.9	20.3	18.1	13.9			10.9	7.5			6.5				26.0
	28.0	26.3	23.6	21.8	19.8	18.1	13.3	10.3		10.9	7.2			6.5				28.0
	30.0	24.9	22.4	20.8	19.4	18.1	12.8	10.0	8.5	10.5	6.9			6.5				30.0
	32.0	23.7	21.3	19.8	18.9	17.7	12.3	9.7	8.3	9.8	6.6	5.0		6.5	4.3			32.0
	34.0	22.4	20.2	18.9	18.4	16.8	11.9	9.5	8.2	9.2	6.3	4.8		6.4	4.1			34.0
	36.0	21.3	19.3	18.1	17.7	15.9	11.4	9.2	8.0	8.7	6.0	4.6	4.0	6.0	3.9			36.0
	38.0	20.2	18.4	17.3	16.9	15.1	11.0	9.0	7.9	8.2	5.8	4.5	3.9	5.6	3.7	2.7		38.0
	40.0	19.2	17.5	16.6	16.3	14.4	10.7	8.8	7.7	7.8	5.5	4.3	3.8	5.3	3.5	2.6		40.0
	42.0	18.3	16.8	15.9	15.7	13.7	10.3	8.6	7.6	7.4	5.3	4.2	3.7	5.0	3.4	2.5		42.0
	44.0	17.4	16.0	15.3	15.1	13.1	10.0	8.4	7.5	7.0	5.1	4.1	3.6	4.7	3.2	2.4	2.1	44.0
	46.0	16.6	15.4	14.7	14.5	12.5	9.7	8.2	7.4	6.7	4.9	4.0	3.6	4.4	3.1	2.3	2.0	46.0
	48.0	15.6	14.7	14.1	14.0	12.0	9.4	8.1	7.3	6.4	4.8	3.9	3.5	4.2	2.9	2.3	1.9	48.0
	50.0	13.9	14.1	13.6	13.5	11.5	9.1	7.9	7.2	6.1	4.6	3.8	3.4	4.0	2.8	2.2	1.9	50.0
	55.0	10.3	10.9	11.2	11.3	10.2	8.5	7.6	7.0	5.4	4.2	3.5	3.3	3.5	2.5	2.0	1.7	55.0
	60.0	7.4	7.8	8.0		9.2	8.0	7.3	6.9	4.9	3.9	3.4	3.1	3.1	2.3	1.8	1.6	60.0
	65.0	4.7	5.1			6.9	7.6	7.1		4.4	3.6	3.2	3.1	2.7	2.1	1.7	1.5	65.0
	70.0					4.6	5.2	5.6		4.0	3.4	3.1	3.0	2.4	1.9	1.6	1.4	70.0
	75.0						3.1			3.7	3.2	3.0		2.2	1.7	1.5	1.4	75.0
	80.0									2.9	3.1	3.0		1.9	1.6	1.4	1.4	80.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
	°	34~82	35~82	43~82	49~82	37~82	31~82	40~82	53~82	34~82	36~82	37~82	50~82	41~82	45~82	47~82	48~82	°
		5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
		80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

						
55.6m 6段ESP	1.7m+FLJ	127 t	9.7m x 9.0m	AJ	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	48.6				27.2												16.0
	18.0	47.2	35.6			26.2				15.5								18.0
	20.0	44.6	33.5	25.1	22.0	24.3	15.9			14.7				8.6				20.0
	22.0	42.2	31.5	24.1	21.3	22.7	15.1			13.4				8.6				22.0
	24.0	39.9	29.8	23.2	20.6	21.2	14.3	11.0		12.4	7.9			8.6				24.0
	26.0	37.4	28.2	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5			8.0				26.0
	28.0	34.9	26.8	21.5	19.5	18.8	13.1	10.3	9.1	10.7	7.1			7.4	4.7			28.0
	30.0	32.2	25.5	20.8	19.0	17.6	12.5	9.9	8.8	10.0	6.8	5.1		6.9	4.5			30.0
	32.0	28.2	24.3	20.1	18.5	16.6	12.0	9.6	8.6	9.3	6.4	4.9		6.4	4.2			32.0
	34.0	24.7	23.2	19.5	18.1	15.7	11.5	9.3	8.4	8.7	6.1	4.7	4.1	6.0	4.0			34.0
	36.0	21.7	22.3	19.0	17.7	14.8	11.1	9.1	8.3	8.2	5.9	4.6	4.0	5.6	3.8	2.8		36.0
	38.0	19.1	20.2	18.4	17.4	14.1	10.6	8.8	8.1	7.7	5.6	4.4	3.9	5.2	3.6	2.7		38.0
	40.0	16.7	17.8	17.9	17.1	13.4	10.3	8.6	8.0	7.3	5.4	4.3	3.8	4.9	3.4	2.6	2.2	40.0
	42.0	14.6	15.6	16.3	16.6	12.7	9.9	8.4	7.8	6.9	5.1	4.1	3.7	4.6	3.3	2.5	2.1	42.0
	44.0	12.7	13.6	14.2	14.4	12.1	9.6	8.2	7.7	6.6	4.9	4.0	3.6	4.3	3.1	2.4	2.1	44.0
	46.0	11.0	11.8	12.3	12.5	11.6	9.3	8.1	7.6	6.2	4.7	3.9	3.5	4.1	3.0	2.3	2.0	46.0
	48.0	9.4	10.1	10.6	10.8	11.1	9.0	7.9	7.5	5.9	4.6	3.8	3.4	3.9	2.8	2.2	1.9	48.0
	50.0	8.0	8.7	9.1		10.3	8.7	7.7	7.4	5.6	4.4	3.7	3.4	3.7	2.7	2.1	1.9	50.0
	55.0	4.7	5.2	5.4		7.1	8.1	7.4	7.3	5.0	4.0	3.5	3.2	3.2	2.4	1.9	1.7	55.0
	60.0					4.4	5.3	5.8		4.5	3.7	3.3	3.1	2.8	2.2	1.8	1.6	60.0
	65.0									4.1	3.5	3.2	3.1	2.5	2.0	1.6	1.5	65.0
	70.0									2.4	3.3	3.1		2.2	1.8	1.5	1.4	70.0
	75.0													1.9	1.6	1.4		75.0
	80.0														1.5			80.0
	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
	°	37~82	38~82	39~82	49~82	39~82	42~82	44~82	51~82	35~82	39~82	40~82	48~82	38~82	36~82	45~82	52~82	°
		5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
		80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

フルオートラフィングジブ

 60.1m 6段ESP	 1.7m+FLJ	 127 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m	
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°	
 m	16.0	39.6															16.0	
	18.0	37.5	32.8			24.9				14.6							18.0	
	20.0	35.3	31.0			24.8				14.6				8.3			20.0	
	22.0	33.3	29.3	24.3	21.4	23.2	15.2			13.8				8.3			22.0	
	24.0	31.4	27.8	23.4	20.8	21.7	14.5			12.7				8.3			24.0	
	26.0	29.6	26.3	22.6	20.2	20.5	13.8	10.7		11.8	7.5			8.1			26.0	
	28.0	28.0	24.9	21.9	19.7	19.3	13.2	10.3	9.1	11.0	7.1			7.6			28.0	
	30.0	26.5	23.6	21.2	19.2	18.2	12.7	10.0	8.9	10.3	6.8			7.1	4.5		30.0	
	32.0	25.1	22.5	20.5	18.8	17.2	12.2	9.7	8.6	9.6	6.5	5.0		6.6	4.3		32.0	
	34.0	23.7	21.4	19.9	18.4	16.3	11.7	9.4	8.5	9.0	6.2	4.8	4.1	6.2	4.1		34.0	
	36.0	22.2	20.4	19.1	18.0	15.4	11.3	9.2	8.3	8.5	5.9	4.6	4.0	5.8	3.9		36.0	
	38.0	19.5	19.4	18.3	17.6	14.6	10.9	8.9	8.2	8.0	5.7	4.5	3.9	5.4	3.7	2.7	38.0	
	40.0	17.2	18.3	17.6	17.3	13.9	10.5	8.7	8.0	7.6	5.4	4.3	3.8	5.1	3.5	2.6	40.0	
	42.0	15.1	16.0	16.8	16.6	13.3	10.1	8.5	7.9	7.2	5.2	4.2	3.7	4.8	3.3	2.5	2.1	42.0
	44.0	13.2	14.1	14.7	15.0	12.7	9.8	8.3	7.8	6.8	5.0	4.1	3.6	4.5	3.2	2.4	2.1	44.0
	46.0	11.4	12.3	12.9	13.1	12.1	9.5	8.2	7.6	6.5	4.8	3.9	3.5	4.3	3.0	2.3	2.0	46.0
	48.0	9.9	10.6	11.2	11.3	11.6	9.2	8.0	7.5	6.2	4.7	3.8	3.5	4.0	2.9	2.2	1.9	48.0
	50.0	8.4	9.1	9.6	9.7	10.6	8.9	7.8	7.4	5.9	4.5	3.7	3.4	3.8	2.8	2.2	1.9	50.0
	55.0	5.1	5.7	6.1		7.5	8.3	7.5	7.3	5.3	4.1	3.5	3.2	3.3	2.5	2.0	1.7	55.0
	60.0			3.1		4.7	5.7	6.3	6.5	4.7	3.8	3.3	3.1	2.9	2.2	1.8	1.6	60.0
	65.0						3.2	3.6		4.3	3.6	3.2	3.1	2.6	2.0	1.7	1.5	65.0
	70.0									2.6	3.3	3.1		2.3	1.8	1.6	1.4	70.0
	75.0													2.1	1.7	1.5	1.4	75.0
	80.0															1.4		80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
 °	42~82	44~82	37~82	51~82	44~82	41~82	42~82	49~82	40~82	44~82	46~82	52~82	43~82	47~82	43~82	50~82	°	
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1		
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t		

 64.0m 6段ESP	 1.7m+FLJ	 127 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m	
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°	
	16.0	28.5																16.0	
	18.0	28.5				18.1												18.0	
	20.0	28.5	28.5			18.1				10.9								20.0	
	22.0	28.5	27.6	24.5		18.1				10.9				6.5				22.0	
	24.0	28.5	26.2	23.7	20.9	18.1	14.6			10.9				6.5				24.0	
	26.0	27.8	24.9	22.9	20.3	18.1	13.9			10.9	7.5			6.5				26.0	
	28.0	26.3	23.6	21.8	19.8	18.1	13.3	10.3		10.9	7.2			6.5				28.0	
	30.0	24.9	22.4	20.8	19.4	18.1	12.8	10.0	8.5	10.5	6.9			6.5				30.0	
	32.0	23.7	21.3	19.8	18.9	17.7	12.3	9.7	8.3	9.8	6.6	5.0		6.5	4.3			32.0	
	34.0	22.4	20.2	18.9	18.4	16.8	11.9	9.5	8.2	9.2	6.3	4.8		6.4	4.1			34.0	
	36.0	21.3	19.3	18.1	17.7	15.9	11.4	9.2	8.0	8.7	6.0	4.6	4.0	6.0	3.9			36.0	
	38.0	19.3	18.4	17.3	16.9	15.1	11.0	9.0	7.9	8.2	5.8	4.5	3.9	5.6	3.7	2.7		38.0	
	40.0	16.9	17.5	16.6	16.3	14.4	10.7	8.8	7.7	7.8	5.5	4.3	3.8	5.3	3.5	2.6		40.0	
	42.0	14.8	15.9	15.9	15.7	13.7	10.3	8.6	7.6	7.4	5.3	4.2	3.7	5.0	3.4	2.5		42.0	
	44.0	12.9	13.9	14.6	14.9	13.1	10.0	8.4	7.5	7.0	5.1	4.1	3.6	4.7	3.2	2.4	2.1	44.0	
	46.0	11.2	12.1	12.7	13.0	12.5	9.7	8.2	7.4	6.7	4.9	4.0	3.6	4.4	3.1	2.3	2.0	46.0	
	48.0	9.6	10.4	11.0	11.2	11.8	9.4	8.1	7.3	6.4	4.8	3.9	3.5	4.2	2.9	2.3	1.9	48.0	
	50.0	8.2	9.0	9.5	9.7	10.4	9.1	7.9	7.2	6.1	4.6	3.8	3.4	4.0	2.8	2.2	1.9	50.0	
	55.0	4.9	5.5	6.0	6.1	7.2	8.3	7.6	7.0	5.4	4.2	3.5	3.3	3.5	2.5	2.0	1.7	55.0	
	60.0			3.0		4.4	5.4	6.2	6.4	4.9	3.9	3.4	3.1	3.1	2.3	1.8	1.6	60.0	
	65.0								3.5		4.2	3.6	3.2	3.1	2.7	2.1	1.7	1.5	65.0
	70.0											3.3	3.1	3.0	2.4	1.9	1.6	1.4	70.0
	75.0															1.7	1.5	1.4	75.0
	80.0																		80.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1	
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2	
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3	
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4	
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5	
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID	
	°	46~82	48~82	42~82	49~82	48~82	50~82	46~82	52~82	49~82	48~82	49~82	50~82	50~82	50~82	52~82	53~82	°	
		5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1		
		80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t		

						
55.6m 6段ESP	1.7m+FLJ	94 t	9.7m x 9.0m	AJ	360°	JPN

 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
16.0	48.6				27.2												16.0
18.0	47.2	35.6			26.2				15.5								18.0
20.0	44.6	33.5	25.1	22.0	24.3	15.9			14.7				8.6				20.0
22.0	42.2	31.5	24.1	21.3	22.7	15.1			13.4				8.6				22.0
24.0	37.2	29.8	23.2	20.6	21.2	14.3	11.0		12.4	7.9			8.6				24.0
26.0	31.7	28.2	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5			8.0				26.0
28.0	27.1	26.8	21.5	19.5	18.8	13.1	10.3	9.1	10.7	7.1			7.4	4.7			28.0
30.0	23.2	24.9	20.8	19.0	17.6	12.5	9.9	8.8	10.0	6.8	5.1		6.9	4.5			30.0
32.0	19.9	21.4	20.1	18.5	16.6	12.0	9.6	8.6	9.3	6.4	4.9		6.4	4.2			32.0
34.0	17.0	18.4	19.5	18.1	15.7	11.5	9.3	8.4	8.7	6.1	4.7	4.1	6.0	4.0			34.0
36.0	14.5	15.7	16.8	17.2	14.8	11.1	9.1	8.3	8.2	5.9	4.6	4.0	5.6	3.8	2.8		36.0
38.0	12.2	13.4	14.3	14.7	14.1	10.6	8.8	8.1	7.7	5.6	4.4	3.9	5.2	3.6	2.7		38.0
40.0	10.2	11.3	12.1	12.5	12.7	10.3	8.6	8.0	7.3	5.4	4.3	3.8	4.9	3.4	2.6	2.2	40.0
42.0	8.3	9.4	10.1	10.4	10.9	9.9	8.4	7.8	6.9	5.1	4.1	3.7	4.6	3.3	2.5	2.1	42.0
44.0	6.6	7.6	8.3	8.6	9.2	9.6	8.2	7.7	6.6	4.9	4.0	3.6	4.3	3.1	2.4	2.1	44.0
46.0	5.0	5.9	6.5	6.8	7.6	9.2	8.1	7.6	6.2	4.7	3.9	3.5	4.1	3.0	2.3	2.0	46.0
48.0		4.4	5.0	5.1	6.2	7.7	7.9	7.5	5.9	4.6	3.8	3.4	3.9	2.8	2.2	1.9	48.0
50.0					4.9	6.3	7.4	7.4	5.6	4.4	3.7	3.4	3.7	2.7	2.1	1.9	50.0
55.0							4.0	4.3	4.4	4.0	3.5	3.2	3.2	2.4	1.9	1.7	55.0
60.0											3.3	3.1	2.8	2.2	1.8	1.6	60.0
65.0														2.0	1.6	1.5	65.0
70.0																	70.0
75.0																	75.0
80.0																	80.0
1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	48~82	48~82	49~82	49~82	50~82	54~82	50~82	50~82	51~82	55~82	53~82	54~82	52~82	52~82	56~82	57~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

						
60.1m 6段ESP	1.7m+FLJ	94 t	9.7m x 9.0m	AJ	360°	JPN

 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m		
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°		
 m	16.0	39.6															16.0		
	18.0	37.5	32.8			24.9				14.6							18.0		
	20.0	35.3	31.0			24.8				14.6			8.3				20.0		
	22.0	33.3	29.3	24.3	21.4	23.2	15.2			13.8			8.3				22.0		
	24.0	31.4	27.8	23.4	20.8	21.7	14.5			12.7			8.3				24.0		
	26.0	29.6	26.3	22.6	20.2	20.5	13.8	10.7		11.8	7.5		8.1				26.0		
	28.0	27.6	24.9	21.9	19.7	19.3	13.2	10.3	9.1	11.0	7.1		7.6				28.0		
	30.0	23.7	23.6	21.2	19.2	18.2	12.7	10.0	8.9	10.3	6.8		7.1	4.5			30.0		
	32.0	20.4	21.9	20.5	18.8	17.2	12.2	9.7	8.6	9.6	6.5	5.0		6.6	4.3		32.0		
	34.0	17.5	18.9	19.9	18.4	16.3	11.7	9.4	8.5	9.0	6.2	4.8	4.1	6.2	4.1		34.0		
	36.0	14.9	16.2	17.2	17.7	15.4	11.3	9.2	8.3	8.5	5.9	4.6	4.0	5.8	3.9		36.0		
	38.0	12.7	13.9	14.8	15.2	14.6	10.9	8.9	8.2	8.0	5.7	4.5	3.9	5.4	3.7	2.7	38.0		
	40.0	10.7	11.8	12.6	13.0	13.0	10.5	8.7	8.0	7.6	5.4	4.3	3.8	5.1	3.5	2.6	40.0		
	42.0	8.8	9.9	10.7	11.0	11.2	10.1	8.5	7.9	7.2	5.2	4.2	3.7	4.8	3.3	2.5	2.1	42.0	
	44.0	7.1	8.1	8.9	9.2	9.6	9.8	8.3	7.8	6.8	5.0	4.1	3.6	4.5	3.2	2.4	2.1	44.0	
	46.0	5.5	6.5	7.2	7.4	8.0	9.5	8.2	7.6	6.5	4.8	3.9	3.5	4.3	3.0	2.3	2.0	46.0	
	48.0		5.0	5.6	5.8	6.5	8.1	8.0	7.5	6.2	4.7	3.8	3.5	4.0	2.9	2.2	1.9	48.0	
	50.0				4.3	5.2	6.7	7.8	7.4	5.9	4.5	3.7	3.4	3.8	2.8	2.2	1.9	50.0	
	55.0								4.5	4.8	4.6	4.1	3.5	3.2	3.3	2.5	2.0	1.7	55.0
	60.0												3.3	3.1		2.2	1.8	1.6	60.0
65.0																1.7	1.5	65.0	
70.0																		70.0	
75.0																		75.0	
80.0																		80.0	
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1		
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2		
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3		
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4		
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5		
ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID		
 °	52~82	52~82	53~82	51~82	54~82	57~82	54~82	54~82	54~82	58~82	56~82	57~82	58~82	59~82	59~82	60~82	°		
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1			
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t			

フルオートラフィングジブ

 64.0m 6段ESP	 1.7m+FLJ	 94 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	28.5															16.0
	18.0	28.5			18.1												18.0
	20.0	28.5	28.5		18.1				10.9								20.0
	22.0	28.5	27.6	24.5	18.1				10.9				6.5				22.0
	24.0	28.5	26.2	23.7	20.9	18.1	14.6		10.9				6.5				24.0
	26.0	27.8	24.9	22.9	20.3	18.1	13.9		10.9	7.5			6.5				26.0
	28.0	26.3	23.6	21.8	19.8	18.1	13.3	10.3	10.9	7.2			6.5				28.0
	30.0	23.5	22.4	20.8	19.4	18.1	12.8	10.0	8.5	10.5	6.9		6.5				30.0
	32.0	20.1	21.3	19.8	18.9	17.7	12.3	9.7	8.3	9.8	6.6	5.0	6.5	4.3			32.0
	34.0	17.2	18.7	18.9	18.4	16.8	11.9	9.5	8.2	9.2	6.3	4.8	6.4	4.1			34.0
	36.0	14.7	16.0	17.1	17.6	15.9	11.4	9.2	8.0	8.7	6.0	4.6	6.0	3.9			36.0
	38.0	12.5	13.7	14.6	15.1	14.7	11.0	9.0	7.9	8.2	5.8	4.5	5.6	3.7	2.7		38.0
	40.0	10.5	11.6	12.5	12.9	12.7	10.7	8.8	7.7	7.8	5.5	4.3	5.3	3.5	2.6		40.0
	42.0	8.6	9.7	10.5	10.9	10.9	10.3	8.6	7.6	7.4	5.3	4.2	5.0	3.4	2.5		42.0
	44.0	6.8	7.9	8.8	9.1	9.3	10.0	8.4	7.5	7.0	5.1	4.1	4.7	3.2	2.4	2.1	44.0
	46.0		6.3	7.0	7.3	7.7	9.3	8.2	7.4	6.7	4.9	4.0	4.4	3.1	2.3	2.0	46.0
	48.0			5.4	5.7	6.2	7.9	8.1	7.3	6.4	4.8	3.9	4.2	2.9	2.3	1.9	48.0
	50.0					6.4	7.6	7.2	6.1	4.6	3.8	3.4	4.0	2.8	2.2	1.9	50.0
	55.0									4.2	3.5	3.3	3.5	2.5	2.0	1.7	55.0
	60.0											3.1		2.3	1.8	1.6	60.0
	65.0														1.7	1.5	65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
 °	57~82	57~82	56~82	56~82	58~82	59~82	62~82	62~82	60~82	60~82	63~82	60~82	60~82	61~82	61~82	62~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 55.6m 6段ESP	 1.7m+FLJ	 57 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	48.6			27.2												16.0
	18.0	43.8	35.6		26.2				15.5								18.0
	20.0	35.4	33.5	25.1	22.0	24.3	15.9		14.7				8.6				20.0
	22.0	28.9	31.5	24.1	21.3	22.7	15.1		13.4				8.6				22.0
	24.0	23.7	26.0	23.2	20.6	21.2	14.3	11.0	12.4	7.9			8.6				24.0
	26.0	19.4	21.5	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0	15.8	17.7	19.3	19.5	18.4	13.1	10.3	9.1	10.7	7.1		7.4	4.7			28.0
	30.0	12.7	14.5	15.9	16.6	15.4	12.5	9.9	8.8	10.0	6.8	5.1	6.9	4.5			30.0
	32.0	9.9	11.7	13.0	13.6	12.7	12.0	9.6	8.6	9.3	6.4	4.9	6.4	4.2			32.0
	34.0		9.1	10.4	11.0	10.3	11.5	9.3	8.4	8.7	6.1	4.7	6.0	4.0			34.0
	36.0			8.0	8.5	8.1	10.6	9.1	8.3	8.2	5.9	4.6	5.6	3.8	2.8		36.0
	38.0					8.5	8.8	8.1	7.7	7.7	5.6	4.4	5.2	3.6	2.7		38.0
	40.0						8.4	8.0			5.4	4.3	4.9	3.4	2.6	2.2	40.0
	42.0							7.4			5.1	4.1	4.6	3.3	2.5	2.1	42.0
	44.0											4.0	3.6	3.1	2.4	2.1	44.0
	46.0											3.9	3.5		3.0	2.3	46.0
	48.0												3.4		2.8	2.2	48.0
	50.0														2.1	1.9	50.0
	55.0															1.7	55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	63~82	63~82	62~82	63~82	63~82	65~82	66~82	65~82	65~82	66~82	66~82	66~82	65~82	66~82	69~82	67~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

						
60.1m 6段ESP	1.7m+FLJ	57 t	9.7m x 9.0m	AJ	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	39.6																16.0
	18.0	37.5	32.8			24.9				14.6								18.0
	20.0	35.3	31.0			24.8				14.6				8.3				20.0
	22.0	29.4	29.3	24.3	21.4	23.2	15.2			13.8				8.3				22.0
	24.0	24.2	26.5	23.4	20.8	21.7	14.5			12.7				8.3				24.0
	26.0	19.9	22.0	22.6	20.2	20.5	13.8	10.7		11.8	7.5			8.1				26.0
	28.0	16.3	18.2	19.7	19.7	18.8	13.2	10.3	9.1	11.0	7.1			7.6				28.0
	30.0	13.3	15.0	16.3	17.1	15.7	12.7	10.0	8.9	10.3	6.8			7.1	4.5			30.0
	32.0	10.4	12.2	13.5	14.1	13.1	12.2	9.7	8.6	9.6	6.5	5.0		6.6	4.3			32.0
	34.0		9.6	10.9	11.5	10.6	11.7	9.4	8.5	9.0	6.2	4.8	4.1	6.2	4.1			34.0
	36.0			8.5	9.1		10.9	9.2	8.3	8.5	5.9	4.6	4.0	5.8	3.9			36.0
	38.0						8.9	8.9	8.2	8.0	5.7	4.5	3.9	5.4	3.7	2.7		38.0
	40.0							8.7	8.0		5.4	4.3	3.8	5.1	3.5	2.6		40.0
	42.0								7.8		5.2	4.2	3.7	4.8	3.3	2.5	2.1	42.0
	44.0											4.1	3.6		3.2	2.4	2.1	44.0
	46.0											3.9	3.5		3.0	2.3	2.0	46.0
	48.0												3.5			2.2	1.9	48.0
	50.0															2.2	1.9	50.0
	55.0																	55.0
	60.0																	60.0
	65.0																	65.0
	70.0																	70.0
	75.0																	75.0
	80.0																	80.0
	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
	°	65~82	65~82	65~82	66~82	67~82	67~82	68~82	67~82	67~82	68~82	68~82	68~82	67~82	69~82	70~82	72~82	°
		5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
		80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

						
64.0m 6段ESP	1.7m+FLJ	57 t	9.7m x 9.0m	AJ	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	28.5																16.0
	18.0	28.5				18.1												18.0
	20.0	28.5	28.5			18.1				10.9								20.0
	22.0	28.5	27.6	24.5		18.1				10.9				6.5				22.0
	24.0	24.0	26.2	23.7	20.9	18.1	14.6			10.9				6.5				24.0
	26.0	19.7	21.7	22.9	20.3	18.1	13.9			10.9	7.5			6.5				26.0
	28.0	16.1	18.0	19.5	19.8	18.1	13.3	10.3		10.9	7.2			6.5				28.0
	30.0	13.0	14.7	16.2	16.9	15.4	12.8	10.0	8.5	10.5	6.9			6.5				30.0
	32.0	10.2	12.0	13.3	13.9	12.8	12.3	9.7	8.3	9.8	6.6	5.0		6.5	4.3			32.0
	34.0			10.8	11.4	10.3	11.9	9.5	8.2	9.2	6.3	4.8		6.4	4.1			34.0
	36.0						10.6	9.2	8.0	8.7	6.0	4.6	4.0	6.0	3.9			36.0
	38.0							9.0	7.9		5.8	4.5	3.9	5.6	3.7	2.7		38.0
	40.0								7.7		5.5	4.3	3.8	5.3	3.5	2.6		40.0
	42.0											4.2	3.7		3.4	2.5		42.0
	44.0											4.1	3.6		3.2	2.4	2.1	44.0
	46.0												3.6		3.1	2.3	2.0	46.0
	48.0															2.3	1.9	48.0
	50.0															2.2	1.9	50.0
	55.0																	55.0
	60.0																	60.0
	65.0																	65.0
	70.0																	70.0
	75.0																	75.0
	80.0																	80.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
	°	67~82	69~82	69~82	70~82	68~82	70~82	71~82	71~82	70~82	71~82	71~82	71~82	69~82	70~82	72~82	74~82	°
		5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
		80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

フルオートラフィングジブ

 55.6m 6段ESP	 1.7m+FLJ	 27 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	36.2			27.2												16.0
	18.0	27.7	31.2		26.2				15.5								18.0
	20.0	21.3	24.3	25.1	22.0	24.2	15.9		14.7				8.6				20.0
	22.0	16.3	19.0	21.3	21.3	19.2	15.1		13.4				8.6				22.0
	24.0		14.7	16.7	17.8	15.0	14.3	11.0	12.4	7.9			8.6				24.0
	26.0				13.9		13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0							10.3	9.1		7.1		7.4	4.7			28.0
	30.0							9.9	8.8		6.8	5.1		4.5			30.0
	32.0										4.9			4.2			32.0
	34.0										4.7	4.1		4.0			34.0
	36.0											4.0				2.8	36.0
	38.0															2.7	38.0
	40.0															2.6	40.0
	42.0															2.1	42.0
	44.0																44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	72~82	72~82	74~82	73~82	73~82	75~82	74~82	76~82	73~82	75~82	76~82	76~82	74~82	75~82	76~82	77~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 60.1m 6段ESP	 1.7m+FLJ	 27 t	 9.7m × 9.0m	 AJ	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	36.8															16.0
	18.0	28.3	31.6		24.9				14.6								18.0
	20.0	21.9	24.8		24.6				14.6				8.3				20.0
	22.0	16.9	19.5	21.6	21.4	19.5	15.2		13.8				8.3				22.0
	24.0		15.2	17.1	18.2	15.4	14.5		12.7				8.3				24.0
	26.0				14.3		13.8	10.7	11.8	7.5			8.1				26.0
	28.0						10.3	9.1		7.1			7.6				28.0
	30.0							8.9		6.8				4.5			30.0
	32.0										5.0			4.3			32.0
	34.0										4.8	4.1		4.1			34.0
	36.0											4.0					36.0
	38.0																38.0
	40.0																40.0
	42.0																42.0
	44.0																44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
 °	73~82	74~82	76~82	75~82	74~82	76~82	77~82	77~82	75~82	76~82	77~82	77~82	75~82	76~82			°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1			
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t			

					
55.6m 6段ESP	1.7m+FLJ	164 t	9.7m x 9.0m	360°	JPN

 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	48.6			27.2												16.0
	18.0	47.2	35.6		26.2				15.5								18.0
	20.0	44.6	33.5	25.1	24.3	15.9			14.7				8.6				20.0
	22.0	42.2	31.5	24.1	21.3	22.7	15.1		13.4				8.6				22.0
	24.0	39.9	29.8	23.2	20.6	21.2	14.3	11.0	12.4	7.9			8.6				24.0
	26.0	37.4	28.2	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0	34.9	26.8	21.5	19.5	18.8	13.1	10.3	9.1	10.7	7.1		7.4	4.7			28.0
	30.0	32.8	25.5	20.8	19.0	17.6	12.5	9.9	8.8	10.0	6.8	5.1	6.9	4.5			30.0
	32.0	30.9	24.3	20.1	18.5	16.6	12.0	9.6	8.6	9.3	6.4	4.9	6.4	4.2			32.0
	34.0	29.2	23.2	19.5	18.1	15.7	11.5	9.3	8.4	8.7	6.1	4.7	6.0	4.0			34.0
	36.0	27.6	22.3	19.0	17.7	14.8	11.1	9.1	8.3	8.2	5.9	4.6	5.6	3.8	2.8		36.0
	38.0	26.2	21.3	18.4	17.4	14.1	10.6	8.8	8.1	7.7	5.6	4.4	5.2	3.6	2.7		38.0
	40.0	23.5	20.5	17.9	17.1	13.4	10.3	8.6	8.0	7.3	5.4	4.3	4.9	3.4	2.6	2.2	40.0
	42.0	21.1	19.7	17.5	16.8	12.7	9.9	8.4	7.8	6.9	5.1	4.1	4.6	3.3	2.5	2.1	42.0
	44.0	18.9	19.0	17.1	16.5	12.1	9.6	8.2	7.7	6.6	4.9	4.0	4.3	3.1	2.4	2.1	44.0
	46.0	16.8	17.7	16.7	16.3	11.6	9.3	8.1	7.6	6.2	4.7	3.9	4.1	3.0	2.3	2.0	46.0
	48.0	15.0	15.8	16.3	16.1	11.1	9.0	7.9	7.5	5.9	4.6	3.8	3.9	2.8	2.2	1.9	48.0
	50.0	13.3	14.0	14.5		10.6	8.7	7.7	7.4	5.6	4.4	3.7	3.7	2.7	2.1	1.9	50.0
	55.0	9.6	10.1	10.4		9.6	8.1	7.4	7.3	5.0	4.0	3.5	3.2	2.4	1.9	1.7	55.0
	60.0	6.5	6.9			8.7	7.7	7.2		4.5	3.7	3.3	3.1	2.8	2.2	1.8	60.0
	65.0	4.1				6.3	7.0			4.1	3.5	3.2	3.1	2.5	2.0	1.6	65.0
	70.0					4.1	4.5			3.7	3.3	3.1		2.2	1.8	1.5	70.0
	75.0									3.4	3.1			1.9	1.6	1.4	75.0
	80.0									2.7				1.7	1.5	1.4	80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	14~82	29~82	39~82	50~82	23~82	25~82	44~82	51~82	17~82	31~82	40~82	48~82	32~82	36~82	37~82	52~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
60.1m 6段ESP	1.7m+FLJ	164 t	9.7m x 9.0m	360°	JPN

 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	39.6															16.0
	18.0	37.5	32.8		24.9				14.6								18.0
	20.0	35.3	31.0		24.8				14.6				8.3				20.0
	22.0	33.3	29.3	24.3	21.4	23.2	15.2		13.8				8.3				22.0
	24.0	31.4	27.8	23.4	20.8	21.7	14.5		12.7				8.3				24.0
	26.0	29.6	26.3	22.6	20.2	20.5	13.8	10.7	11.8	7.5			8.1				26.0
	28.0	28.0	24.9	21.9	19.7	19.3	13.2	10.3	9.1	11.0	7.1		7.6				28.0
	30.0	26.5	23.6	21.2	19.2	18.2	12.7	10.0	8.9	10.3	6.8		7.1	4.5			30.0
	32.0	25.1	22.5	20.5	18.8	17.2	12.2	9.7	8.6	9.6	6.5	5.0	6.6	4.3			32.0
	34.0	23.7	21.4	19.9	18.4	16.3	11.7	9.4	8.5	9.0	6.2	4.8	6.2	4.1			34.0
	36.0	22.5	20.4	19.1	18.0	15.4	11.3	9.2	8.3	8.5	5.9	4.6	5.8	3.9			36.0
	38.0	21.4	19.4	18.3	17.6	14.6	10.9	8.9	8.2	8.0	5.7	4.5	5.4	3.7	2.7		38.0
	40.0	20.3	18.6	17.6	17.3	13.9	10.5	8.7	8.0	7.6	5.4	4.3	5.1	3.5	2.6		40.0
	42.0	19.4	17.8	16.9	16.6	13.3	10.1	8.5	7.9	7.2	5.2	4.2	4.8	3.3	2.5	2.1	42.0
	44.0	18.5	17.0	16.2	16.0	12.7	9.8	8.3	7.8	6.8	5.0	4.1	4.5	3.2	2.4	2.1	44.0
	46.0	17.3	16.3	15.6	15.5	12.1	9.5	8.2	7.6	6.5	4.8	3.9	4.3	3.0	2.3	2.0	46.0
	48.0	15.5	15.7	15.1	15.0	11.6	9.2	8.0	7.5	6.2	4.7	3.8	4.0	2.9	2.2	1.9	48.0
	50.0	13.8	14.6	14.6	14.5	11.1	8.9	7.8	7.4	5.9	4.5	3.7	3.8	2.8	2.2	1.9	50.0
	55.0	10.0	10.7	11.0		10.1	8.3	7.5	7.3	5.3	4.1	3.5	3.2	2.5	2.0	1.7	55.0
	60.0	7.0	7.4	7.6		9.2	7.8	7.3	7.2	4.7	3.8	3.3	3.1	2.9	2.2	1.8	60.0
	65.0	4.4	4.7			6.6	7.4	7.1		4.3	3.6	3.2	3.1	2.6	2.0	1.7	65.0
	70.0					4.4	4.9			3.9	3.3	3.1		2.3	1.8	1.6	70.0
	75.0									3.6	3.2	3.0		2.1	1.7	1.5	75.0
	80.0									2.8	3.1			1.8	1.5	1.4	80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
 °	27~82	28~82	37~82	52~82	32~82	34~82	42~82	49~82	28~82	30~82	39~82	52~82	37~82	41~82	43~82	50~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

フルオートラフィングジブ

 64.0m 6段ESP	 1.7m+FLJ	 164 t	 9.7m × 9.0m	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	28.5															16.0
	18.0	28.5			18.1												18.0
	20.0	28.5	28.5		18.1				10.9								20.0
	22.0	28.5	27.6	24.5	18.1				10.9				6.5				22.0
	24.0	28.5	26.2	23.7	20.9	18.1	14.6		10.9				6.5				24.0
	26.0	27.8	24.9	22.9	20.3	18.1	13.9		10.9	7.5			6.5				26.0
	28.0	26.3	23.6	21.8	19.8	18.1	13.3	10.3	10.9	7.2			6.5				28.0
	30.0	24.9	22.4	20.8	19.4	18.1	12.8	10.0	8.5	10.5	6.9		6.5				30.0
	32.0	23.7	21.3	19.8	18.9	17.7	12.3	9.7	8.3	9.8	6.6	5.0	6.5	4.3			32.0
	34.0	22.4	20.2	18.9	18.4	16.8	11.9	9.5	8.2	9.2	6.3	4.8	6.4	4.1			34.0
	36.0	21.3	19.3	18.1	17.7	15.9	11.4	9.2	8.0	8.7	6.0	4.6	6.0	3.9			36.0
	38.0	20.2	18.4	17.3	16.9	15.1	11.0	9.0	7.9	8.2	5.8	4.5	5.6	3.7	2.7		38.0
	40.0	19.2	17.5	16.6	16.3	14.4	10.7	8.8	7.7	7.8	5.5	4.3	5.3	3.5	2.6		40.0
	42.0	18.3	16.8	15.9	15.7	13.7	10.3	8.6	7.6	7.4	5.3	4.2	5.0	3.4	2.5		42.0
	44.0	17.4	16.0	15.3	15.1	13.1	10.0	8.4	7.5	7.0	5.1	4.1	4.7	3.2	2.4	2.1	44.0
	46.0	16.6	15.4	14.7	14.5	12.5	9.7	8.2	7.4	6.7	4.9	4.0	4.4	3.1	2.3	2.0	46.0
	48.0	15.2	14.7	14.1	14.0	12.0	9.4	8.1	7.3	6.4	4.8	3.9	4.2	2.9	2.3	1.9	48.0
	50.0	13.5	14.1	13.6	13.5	11.5	9.1	7.9	7.2	6.1	4.6	3.8	4.0	2.8	2.2	1.9	50.0
	55.0	9.8	10.5	10.9	11.0	10.2	8.5	7.6	7.0	5.4	4.2	3.5	3.5	2.5	2.0	1.7	55.0
	60.0	6.7	7.2	7.5		9.0	8.0	7.3	6.9	4.9	3.9	3.4	3.1	3.1	2.3	1.8	60.0
	65.0	4.1	4.5			6.3	7.2	7.1		4.4	3.6	3.2	3.1	2.7	2.1	1.7	65.0
	70.0					4.0	4.7	5.1		4.0	3.4	3.1	3.0	2.4	1.9	1.6	70.0
	75.0									3.7	3.2	3.0		2.2	1.7	1.5	75.0
	80.0									2.4	3.1	3.0		1.9	1.6	1.4	80.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
 °	34~82	35~82	43~82	49~82	37~82	39~82	40~82	53~82	33~82	36~82	37~82	50~82	41~82	45~82	47~82	48~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 55.6m 6段ESP	 1.7m+FLJ	 127 t	 9.7m × 9.0m	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	48.6			27.2												16.0
	18.0	47.2	35.6		26.2				15.5								18.0
	20.0	44.6	33.5	25.1	22.0	24.3	15.9		14.7				8.6				20.0
	22.0	42.2	31.5	24.1	21.3	22.7	15.1		13.4				8.6				22.0
	24.0	39.9	29.8	23.2	20.6	21.2	14.3	11.0	12.4	7.9			8.6				24.0
	26.0	37.4	28.2	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0	34.9	26.8	21.5	19.5	18.8	13.1	10.3	9.1	10.7	7.1		7.4	4.7			28.0
	30.0	32.8	25.5	20.8	19.0	17.6	12.5	9.9	8.8	10.0	6.8	5.1	6.9	4.5			30.0
	32.0	30.1	24.3	20.1	18.5	16.6	12.0	9.6	8.6	9.3	6.4	4.9	6.4	4.2			32.0
	34.0	26.3	23.2	19.5	18.1	15.7	11.5	9.3	8.4	8.7	6.1	4.7	6.0	4.0			34.0
	36.0	23.0	22.3	19.0	17.7	14.8	11.1	9.1	8.3	8.2	5.9	4.6	5.6	3.8	2.8		36.0
	38.0	20.0	21.3	18.4	17.4	14.1	10.6	8.8	8.1	7.7	5.6	4.4	5.2	3.6	2.7		38.0
	40.0	17.5	18.7	17.9	17.1	13.4	10.3	8.6	8.0	7.3	5.4	4.3	4.9	3.4	2.6	2.2	40.0
	42.0	15.1	16.3	17.1	16.8	12.7	9.9	8.4	7.8	6.9	5.1	4.1	4.6	3.3	2.5	2.1	42.0
	44.0	13.1	14.1	14.8	15.1	12.1	9.6	8.2	7.7	6.6	4.9	4.0	4.3	3.1	2.4	2.1	44.0
	46.0	11.2	12.1	12.7	13.0	11.6	9.3	8.1	7.6	6.2	4.7	3.9	4.1	3.0	2.3	2.0	46.0
	48.0	9.5	10.3	10.9	11.0	11.1	9.0	7.9	7.5	5.9	4.6	3.8	3.9	2.8	2.2	1.9	48.0
	50.0	8.0	8.7	9.1		10.5	8.7	7.7	7.4	5.6	4.4	3.7	3.7	2.7	2.1	1.9	50.0
	55.0	4.7	5.2	5.4		7.1	8.1	7.4	7.3	5.0	4.0	3.5	3.2	2.4	1.9	1.7	55.0
	60.0					4.4	5.3	5.8		4.5	3.7	3.3	3.1	2.8	2.2	1.8	60.0
	65.0									4.1	3.5	3.2	3.1	2.5	2.0	1.6	65.0
	70.0									2.4	3.3	3.1		2.2	1.8	1.5	70.0
	75.0													1.9	1.6	1.4	75.0
	80.0														1.5		80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	37~82	38~82	39~82	49~82	39~82	42~82	44~82	51~82	35~82	39~82	40~82	48~82	38~82	36~82	45~82	52~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
60.1m 6段ESP	1.7m+FLJ	127 t	9.7m x 9.0m	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	39.6																16.0
	18.0	37.5	32.8			24.9				14.6								18.0
	20.0	35.3	31.0			24.8				14.6				8.3				20.0
	22.0	33.3	29.3	24.3	21.4	23.2	15.2			13.8				8.3				22.0
	24.0	31.4	27.8	23.4	20.8	21.7	14.5			12.7				8.3				24.0
	26.0	29.6	26.3	22.6	20.2	20.5	13.8	10.7		11.8	7.5			8.1				26.0
	28.0	28.0	24.9	21.9	19.7	19.3	13.2	10.3	9.1	11.0	7.1			7.6				28.0
	30.0	26.5	23.6	21.2	19.2	18.2	12.7	10.0	8.9	10.3	6.8			7.1	4.5			30.0
	32.0	25.1	22.5	20.5	18.8	17.2	12.2	9.7	8.6	9.6	6.5	5.0		6.6	4.3			32.0
	34.0	23.7	21.4	19.9	18.4	16.3	11.7	9.4	8.5	9.0	6.2	4.8	4.1	6.2	4.1			34.0
	36.0	22.5	20.4	19.1	18.0	15.4	11.3	9.2	8.3	8.5	5.9	4.6	4.0	5.8	3.9			36.0
	38.0	20.6	19.4	18.3	17.6	14.6	10.9	8.9	8.2	8.0	5.7	4.5	3.9	5.4	3.7	2.7		38.0
	40.0	18.0	18.6	17.6	17.3	13.9	10.5	8.7	8.0	7.6	5.4	4.3	3.8	5.1	3.5	2.6		40.0
	42.0	15.7	16.8	16.9	16.6	13.3	10.1	8.5	7.9	7.2	5.2	4.2	3.7	4.8	3.3	2.5	2.1	42.0
	44.0	13.6	14.6	15.4	15.7	12.7	9.8	8.3	7.8	6.8	5.0	4.1	3.6	4.5	3.2	2.4	2.1	44.0
	46.0	11.7	12.7	13.3	13.6	12.1	9.5	8.2	7.6	6.5	4.8	3.9	3.5	4.3	3.0	2.3	2.0	46.0
	48.0	10.0	10.9	11.5	11.7	11.6	9.2	8.0	7.5	6.2	4.7	3.8	3.5	4.0	2.9	2.2	1.9	48.0
	50.0	8.4	9.2	9.8	9.9	10.9	8.9	7.8	7.4	5.9	4.5	3.7	3.4	3.8	2.8	2.2	1.9	50.0
	55.0	5.1	5.7	6.1		7.5	8.3	7.5	7.3	5.3	4.1	3.5	3.2	3.3	2.5	2.0	1.7	55.0
	60.0			3.1		4.7	5.7	6.3	6.5	4.7	3.8	3.3	3.1	2.9	2.2	1.8	1.6	60.0
	65.0						3.2	3.6		4.3	3.6	3.2	3.1	2.6	2.0	1.7	1.5	65.0
	70.0									2.6	3.3	3.1		2.3	1.8	1.6	1.4	70.0
	75.0													2.1	1.7	1.5	1.4	75.0
	80.0															1.4		80.0
	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
	°	42~82	44~82	37~82	51~82	44~82	41~82	42~82	49~82	40~82	44~82	46~82	52~82	43~82	47~82	43~82	50~82	°
		5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
		80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
64.0m 6段ESP	1.7m+FLJ	127 t	9.7m x 9.0m	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	28.5																16.0
	18.0	28.5				18.1												18.0
	20.0	28.5	28.5			18.1				10.9								20.0
	22.0	28.5	27.6	24.5		18.1				10.9				6.5				22.0
	24.0	28.5	26.2	23.7	20.9	18.1	14.6			10.9				6.5				24.0
	26.0	27.8	24.9	22.9	20.3	18.1	13.9			10.9	7.5			6.5				26.0
	28.0	26.3	23.6	21.8	19.8	18.1	13.3	10.3		10.9	7.2			6.5				28.0
	30.0	24.9	22.4	20.8	19.4	18.1	12.8	10.0	8.5	10.5	6.9			6.5				30.0
	32.0	23.7	21.3	19.8	18.9	17.7	12.3	9.7	8.3	9.8	6.6	5.0		6.5	4.3			32.0
	34.0	22.4	20.2	18.9	18.4	16.8	11.9	9.5	8.2	9.2	6.3	4.8		6.4	4.1			34.0
	36.0	21.3	19.3	18.1	17.7	15.9	11.4	9.2	8.0	8.7	6.0	4.6	4.0	6.0	3.9			36.0
	38.0	20.2	18.4	17.3	16.9	15.1	11.0	9.0	7.9	8.2	5.8	4.5	3.9	5.6	3.7	2.7		38.0
	40.0	17.7	17.5	16.6	16.3	14.4	10.7	8.8	7.7	7.8	5.5	4.3	3.8	5.3	3.5	2.6		40.0
	42.0	15.4	16.6	15.9	15.7	13.7	10.3	8.6	7.6	7.4	5.3	4.2	3.7	5.0	3.4	2.5		42.0
	44.0	13.3	14.4	15.3	15.1	13.1	10.0	8.4	7.5	7.0	5.1	4.1	3.6	4.7	3.2	2.4	2.1	44.0
	46.0	11.4	12.5	13.2	13.5	12.5	9.7	8.2	7.4	6.7	4.9	4.0	3.6	4.4	3.1	2.3	2.0	46.0
	48.0	9.7	10.7	11.3	11.6	12.0	9.4	8.1	7.3	6.4	4.8	3.9	3.5	4.2	2.9	2.3	1.9	48.0
	50.0	8.2	9.0	9.6	9.9	10.5	9.1	7.9	7.2	6.1	4.6	3.8	3.4	4.0	2.8	2.2	1.9	50.0
	55.0	4.9	5.5	6.0	6.1	7.2	8.4	7.6	7.0	5.4	4.2	3.5	3.3	3.5	2.5	2.0	1.7	55.0
	60.0			3.0		4.4	5.4	6.2	6.5	4.9	3.9	3.4	3.1	3.1	2.3	1.8	1.6	60.0
	65.0							3.5		4.2	3.6	3.2	3.1	2.7	2.1	1.7	1.5	65.0
	70.0										3.3	3.1	3.0	2.4	1.9	1.6	1.4	70.0
	75.0														1.7	1.5	1.4	75.0
	80.0																	80.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
	°	46~82	48~82	42~82	49~82	48~82	50~82	46~82	52~82	49~82	48~82	49~82	50~82	50~82	50~82	52~82	53~82	°
		5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
		80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

フルオートラフティングジブ

 55.6m 6段ESP	 1.7m+FLJ	 94 t	 9.7m × 9.0m	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	48.6			27.2												16.0
	18.0	47.2	35.6		26.2				15.5								18.0
	20.0	44.6	33.5	25.1	22.0	24.3	15.9		14.7				8.6				20.0
	22.0	42.2	31.5	24.1	21.3	22.7	15.1		13.4				8.6				22.0
	24.0	39.9	29.8	23.2	20.6	21.2	14.3	11.0	12.4	7.9			8.6				24.0
	26.0	33.9	28.2	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0	28.8	26.8	21.5	19.5	18.8	13.1	10.3	9.1	10.7	7.1		7.4	4.7			28.0
	30.0	24.5	25.5	20.8	19.0	17.6	12.5	9.9	8.8	10.0	6.8	5.1	6.9	4.5			30.0
	32.0	20.8	22.6	20.1	18.5	16.6	12.0	9.6	8.6	9.3	6.4	4.9	6.4	4.2			32.0
	34.0	17.6	19.3	19.5	18.1	15.7	11.5	9.3	8.4	8.7	6.1	4.7	6.0	4.0			34.0
	36.0	14.8	16.3	17.5	17.7	14.8	11.1	9.1	8.3	8.2	5.9	4.6	5.6	3.8	2.8		36.0
	38.0	12.4	13.7	14.8	15.3	14.1	10.6	8.8	8.1	7.7	5.6	4.4	5.2	3.6	2.7		38.0
	40.0	10.2	11.4	12.4	12.8	12.9	10.3	8.6	8.0	7.3	5.4	4.3	4.9	3.4	2.6	2.2	40.0
	42.0	8.3	9.4	10.2	10.6	11.0	9.9	8.4	7.8	6.9	5.1	4.1	4.6	3.3	2.5	2.1	42.0
	44.0	6.6	7.6	8.3	8.6	9.2	9.6	8.2	7.7	6.6	4.9	4.0	4.3	3.1	2.4	2.1	44.0
	46.0	5.0	5.9	6.5	6.8	7.6	9.3	8.1	7.6	6.2	4.7	3.9	4.1	3.0	2.3	2.0	46.0
	48.0		4.4	5.0	5.1	6.2	7.7	7.9	7.5	5.9	4.6	3.8	3.9	2.8	2.2	1.9	48.0
	50.0					4.9	6.3	7.4	7.4	5.6	4.4	3.7	3.7	2.7	2.1	1.9	50.0
	55.0							4.0	4.3	4.4	4.0	3.5	3.2	2.4	1.9	1.7	55.0
	60.0											3.3	3.1	2.8	2.2	1.8	60.0
	65.0													2.0	1.6	1.5	65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	48~82	48~82	49~82	49~82	50~82	54~82	50~82	50~82	51~82	55~82	53~82	54~82	52~82	52~82	56~82	57~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 60.1m 6段ESP	 1.7m+FLJ	 94 t	 9.7m × 9.0m	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	39.6															16.0
	18.0	37.5	32.8		24.9				14.6								18.0
	20.0	35.3	31.0		24.8				14.6				8.3				20.0
	22.0	33.3	29.3	24.3	21.4	23.2	15.2		13.8				8.3				22.0
	24.0	31.4	27.8	23.4	20.8	21.7	14.5		12.7				8.3				24.0
	26.0	29.6	26.3	22.6	20.2	20.5	13.8	10.7	11.8	7.5			8.1				26.0
	28.0	28.0	24.9	21.9	19.7	19.3	13.2	10.3	9.1	11.0	7.1		7.6				28.0
	30.0	25.0	23.6	21.2	19.2	18.2	12.7	10.0	8.9	10.3	6.8		7.1	4.5			30.0
	32.0	21.3	22.5	20.5	18.8	17.2	12.2	9.7	8.6	9.6	6.5	5.0	6.6	4.3			32.0
	34.0	18.2	19.8	19.9	18.4	16.3	11.7	9.4	8.5	9.0	6.2	4.8	6.2	4.1			34.0
	36.0	15.4	16.9	18.1	18.0	15.4	11.3	9.2	8.3	8.5	5.9	4.6	5.8	3.9			36.0
	38.0	12.9	14.3	15.4	15.9	14.6	10.9	8.9	8.2	8.0	5.7	4.5	5.4	3.7	2.7		38.0
	40.0	10.7	12.0	13.0	13.4	13.3	10.5	8.7	8.0	7.6	5.4	4.3	5.1	3.5	2.6		40.0
	42.0	8.8	10.0	10.8	11.2	11.3	10.1	8.5	7.9	7.2	5.2	4.2	4.8	3.3	2.5	2.1	42.0
	44.0	7.1	8.1	8.9	9.2	9.6	9.8	8.3	7.8	6.8	5.0	4.1	4.5	3.2	2.4	2.1	44.0
	46.0	5.5	6.5	7.2	7.4	8.0	9.5	8.2	7.6	6.5	4.8	3.9	4.3	3.0	2.3	2.0	46.0
	48.0		5.0	5.6	5.8	6.5	8.1	8.0	7.5	6.2	4.7	3.8	4.0	2.9	2.2	1.9	48.0
	50.0				4.3	5.2	6.7	7.8	7.4	5.9	4.5	3.7	3.8	2.8	2.2	1.9	50.0
	55.0							4.5	4.8	4.6	4.1	3.5	3.3	2.5	2.0	1.7	55.0
	60.0											3.3	3.1	2.2	1.8	1.6	60.0
	65.0														1.7	1.5	65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
 °	52~82	52~82	53~82	51~82	54~82	57~82	54~82	54~82	54~82	58~82	56~82	57~82	58~82	59~82	59~82	60~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
64.0m 6段ESP	1.7m+FLJ	94 t	9.7m x 9.0m	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	28.5																16.0
	18.0	28.5				18.1												18.0
	20.0	28.5	28.5			18.1				10.9								20.0
	22.0	28.5	27.6	24.5		18.1				10.9				6.5				22.0
	24.0	28.5	26.2	23.7	20.9	18.1	14.6			10.9				6.5				24.0
	26.0	27.8	24.9	22.9	20.3	18.1	13.9			10.9	7.5			6.5				26.0
	28.0	26.3	23.6	21.8	19.8	18.1	13.3	10.3		10.9	7.2			6.5				28.0
	30.0	24.8	22.4	20.8	19.4	18.1	12.8	10.0	8.5	10.5	6.9			6.5				30.0
	32.0	21.1	21.3	19.8	18.9	17.7	12.3	9.7	8.3	9.8	6.6	5.0		6.5	4.3			32.0
	34.0	17.9	19.6	18.9	18.4	16.8	11.9	9.5	8.2	9.2	6.3	4.8		6.4	4.1			34.0
	36.0	15.1	16.7	17.9	17.7	15.9	11.4	9.2	8.0	8.7	6.0	4.6	4.0	6.0	3.9			36.0
	38.0	12.7	14.1	15.2	15.8	15.1	11.0	9.0	7.9	8.2	5.8	4.5	3.9	5.6	3.7	2.7		38.0
	40.0	10.5	11.8	12.8	13.3	13.0	10.7	8.8	7.7	7.8	5.5	4.3	3.8	5.3	3.5	2.6		40.0
	42.0	8.6	9.8	10.7	11.1	11.0	10.3	8.6	7.6	7.4	5.3	4.2	3.7	5.0	3.4	2.5		42.0
	44.0	6.8	7.9	8.8	9.1	9.3	10.0	8.4	7.5	7.0	5.1	4.1	3.6	4.7	3.2	2.4	2.1	44.0
	46.0		6.3	7.0	7.3	7.7	9.4	8.2	7.4	6.7	4.9	4.0	3.6	4.4	3.1	2.3	2.0	46.0
	48.0			5.4	5.7	6.2	7.9	8.1	7.3	6.4	4.8	3.9	3.5	4.2	2.9	2.3	1.9	48.0
	50.0					6.4	7.7	7.2	6.1	4.6	3.8	3.4	3.0	4.0	2.8	2.2	1.9	50.0
	55.0									4.2	3.5	3.3	3.3	3.5	2.5	2.0	1.7	55.0
	60.0											3.1			2.3	1.8	1.6	60.0
	65.0															1.7	1.5	65.0
	70.0																	70.0
	75.0																	75.0
	80.0																	80.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
	°	57~82	57~82	56~82	56~82	58~82	59~82	62~82	62~82	60~82	60~82	63~82	60~82	60~82	61~82	61~82	62~82	°
		5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
		80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
55.6m 6段ESP	1.7m+FLJ	57 t	9.7m x 9.0m	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	48.6				27.2												16.0
	18.0	47.2	35.6			26.2				15.5								18.0
	20.0	37.9	33.5	25.1	22.0	24.3	15.9			14.7				8.6				20.0
	22.0	30.6	31.5	24.1	21.3	22.7	15.1			13.4				8.6				22.0
	24.0	24.7	27.5	23.2	20.6	21.2	14.3	11.0		12.4	7.9			8.6				24.0
	26.0	20.0	22.5	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5			8.0				26.0
	28.0	16.0	18.3	20.1	19.5	18.8	13.1	10.3	9.1	10.7	7.1			7.4	4.7			28.0
	30.0	12.7	14.7	16.4	17.2	15.6	12.5	9.9	8.8	10.0	6.8	5.1		6.9	4.5			30.0
	32.0	9.9	11.7	13.2	13.9	12.7	12.0	9.6	8.6	9.3	6.4	4.9		6.4	4.2			32.0
	34.0		9.1	10.4	11.0	10.3	11.5	9.3	8.4	8.7	6.1	4.7	4.1	6.0	4.0			34.0
	36.0			8.0	8.5	8.1	10.6	9.1	8.3	8.2	5.9	4.6	4.0	5.6	3.8	2.8		36.0
	38.0						8.5	8.8	8.1	7.7	5.6	4.4	3.9	5.2	3.6	2.7		38.0
	40.0							8.4	8.0		5.4	4.3	3.8	4.9	3.4	2.6	2.2	40.0
	42.0								7.4		5.1	4.1	3.7	4.6	3.3	2.5	2.1	42.0
	44.0											4.0	3.6		3.1	2.4	2.1	44.0
	46.0											3.9	3.5		3.0	2.3	2.0	46.0
	48.0												3.4		2.8	2.2	1.9	48.0
	50.0															2.1	1.9	50.0
	55.0																1.7	55.0
	60.0																	60.0
	65.0																	65.0
	70.0																	70.0
	75.0																	75.0
	80.0																	80.0
	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
	°	63~82	63~82	62~82	63~82	63~82	65~82	66~82	65~82	65~82	66~82	66~82	66~82	65~82	66~82	69~82	67~82	°
		5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
		80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

フルオートラフティングジブ

 60.1m 6段ESP	 1.7m+FLJ	 57 t	 9.7m × 9.0m		 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	39.6															16.0
	18.0	37.5	32.8			24.9				14.6							18.0
	20.0	35.3	31.0			24.8				14.6				8.3			20.0
	22.0	31.2	29.3	24.3	21.4	23.2	15.2			13.8				8.3			22.0
	24.0	25.3	27.8	23.4	20.8	21.7	14.5			12.7				8.3			24.0
	26.0	20.6	23.0	22.6	20.2	20.5	13.8	10.7		11.8	7.5			8.1			26.0
	28.0	16.6	18.8	20.7	19.7	19.3	13.2	10.3	9.1	11.0	7.1			7.6			28.0
	30.0	13.3	15.3	16.9	17.8	16.0	12.7	10.0	8.9	10.3	6.8			7.1	4.5		30.0
	32.0	10.4	12.2	13.7	14.5	13.1	12.2	9.7	8.6	9.6	6.5	5.0		6.6	4.3		32.0
	34.0		9.6	11.0	11.6	10.6	11.7	9.4	8.5	9.0	6.2	4.8	4.1	6.2	4.1		34.0
	36.0			8.5	9.1		11.0	9.2	8.3	8.5	5.9	4.6	4.0	5.8	3.9		36.0
	38.0						8.9	8.9	8.2	8.0	5.7	4.5	3.9	5.4	3.7	2.7	38.0
	40.0							8.7	8.0		5.4	4.3	3.8	5.1	3.5	2.6	40.0
	42.0								7.8		5.2	4.2	3.7	4.8	3.3	2.5	42.0
	44.0											4.1	3.6		3.2	2.4	44.0
	46.0											3.9	3.5		3.0	2.3	46.0
	48.0												3.5			2.2	48.0
	50.0															2.2	50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
 °	65~82	65~82	65~82	66~82	67~82	67~82	68~82	67~82	67~82	68~82	68~82	68~82	67~82	69~82	70~82	72~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 64.0m 6段ESP	 1.7m+FLJ	 57 t	 9.7m × 9.0m		 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	28.5															16.0
	18.0	28.5				18.1											18.0
	20.0	28.5	28.5			18.1				10.9							20.0
	22.0	28.5	27.6	24.5		18.1				10.9				6.5			22.0
	24.0	25.1	26.2	23.7	20.9	18.1	14.6			10.9				6.5			24.0
	26.0	20.3	22.8	22.9	20.3	18.1	13.9			10.9	7.5			6.5			26.0
	28.0	16.3	18.6	20.5	19.8	18.1	13.3	10.3		10.9	7.2			6.5			28.0
	30.0	13.0	15.1	16.8	17.7	15.7	12.8	10.0	8.5	10.5	6.9			6.5			30.0
	32.0	10.2	12.0	13.6	14.4	12.8	12.3	9.7	8.3	9.8	6.6	5.0		6.5	4.3		32.0
	34.0			10.8	11.5	10.3	11.9	9.5	8.2	9.2	6.3	4.8		6.4	4.1		34.0
	36.0						10.7	9.2	8.0	8.7	6.0	4.6	4.0	6.0	3.9		36.0
	38.0							9.0	7.9		5.8	4.5	3.9	5.6	3.7	2.7	38.0
	40.0								7.7		5.5	4.3	3.8	5.3	3.5	2.6	40.0
	42.0											4.2	3.7		3.4	2.5	42.0
	44.0											4.1	3.6		3.2	2.4	44.0
	46.0												3.6		3.1	2.3	46.0
	48.0															2.3	48.0
	50.0															2.2	50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
 °	67~82	69~82	69~82	70~82	68~82	70~82	71~82	71~82	70~82	71~82	71~82	71~82	69~82	70~82	72~82	74~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 55.6m 6段ESP	 1.7m+FLJ	 27 t	 9.7m x 9.0m	 360°	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	38.6			27.2												16.0
	18.0	29.0	33.2		26.2				15.5								18.0
	20.0	21.8	25.5	25.1	22.0	24.3	15.9		14.7				8.6				20.0
	22.0	16.3	19.5	22.2	21.3	19.5	15.1		13.4				8.6				22.0
	24.0		14.7	17.1	18.4	15.0	14.3	11.0	12.4	7.9			8.6				24.0
	26.0				14.1		13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0							10.3	9.1		7.1		7.4	4.7			28.0
	30.0							9.9	8.8		6.8	5.1		4.5			30.0
	32.0											4.9		4.2			32.0
	34.0											4.7	4.1	4.0			34.0
	36.0														2.8		36.0
	38.0														2.7		38.0
	40.0														2.6	2.2	40.0
	42.0															2.1	42.0
	44.0																44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	72~82	72~82	74~82	73~82	73~82	75~82	74~82	76~82	73~82	75~82	76~82	76~82	74~82	75~82	76~82	77~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 60.1m 6段ESP	 1.7m+FLJ	 27 t	 9.7m x 9.0m	 360°	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	39.3															16.0
	18.0	29.6	32.8		24.9				14.6								18.0
	20.0	22.4	26.0		24.8				14.6				8.3				20.0
	22.0	16.9	20.0	22.8	21.4	19.9	15.2		13.8				8.3				22.0
	24.0		15.3	17.7	19.0	15.4	14.5		12.7				8.3				24.0
	26.0				14.6		13.8	10.7	11.8	7.5			8.1				26.0
	28.0						10.3	9.1		7.1			7.6				28.0
	30.0							8.9		6.8				4.5			30.0
	32.0										5.0			4.3			32.0
	34.0										4.8	4.1		4.1			34.0
	36.0											4.0					36.0
	38.0																38.0
	40.0																40.0
	42.0																42.0
	44.0																44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
 °	73~82	74~82	76~82	75~82	74~82	76~82	77~82	77~82	75~82	76~82	77~82	77~82	75~82	76~82			°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1			
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t			

フルオートラフィングジブ

 55.6m 6段ESP	 1.7m+FLJ	 127 t	 9.7m × 8.0m		 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	48.6			27.2												16.0
	18.0	47.2	35.6		26.2				15.5								18.0
	20.0	44.6	33.5	25.1	22.0	24.3	15.9		14.7				8.6				20.0
	22.0	42.2	31.5	24.1	21.3	22.7	15.1		13.4				8.6				22.0
	24.0	39.9	29.8	23.2	20.6	21.2	14.3	11.0	12.4	7.9			8.6				24.0
	26.0	37.4	28.2	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0	34.1	26.8	21.5	19.5	18.8	13.1	10.3	9.1	10.7	7.1		7.4	4.7			28.0
	30.0	29.5	25.5	20.8	19.0	17.6	12.5	9.9	8.8	10.0	6.8	5.1	6.9	4.5			30.0
	32.0	25.5	24.3	20.1	18.5	16.6	12.0	9.6	8.6	9.3	6.4	4.9	6.4	4.2			32.0
	34.0	22.0	23.2	19.5	18.1	15.7	11.5	9.3	8.4	8.7	6.1	4.7	6.0	4.0			34.0
	36.0	19.0	20.5	19.0	17.7	14.8	11.1	9.1	8.3	8.2	5.9	4.6	5.6	3.8	2.8		36.0
	38.0	16.4	17.7	18.4	17.4	14.1	10.6	8.8	8.1	7.7	5.6	4.4	5.2	3.6	2.7		38.0
	40.0	14.0	15.2	16.1	16.6	13.4	10.3	8.6	8.0	7.3	5.4	4.3	4.9	3.4	2.6	2.2	40.0
	42.0	11.9	13.0	13.8	14.2	12.7	9.9	8.4	7.8	6.9	5.1	4.1	4.6	3.3	2.5	2.1	42.0
	44.0	10.0	11.0	11.7	12.0	12.1	9.6	8.2	7.7	6.6	4.9	4.0	4.3	3.1	2.4	2.1	44.0
	46.0	8.3	9.2	9.8	10.1	10.9	9.3	8.1	7.6	6.2	4.7	3.9	4.1	3.0	2.3	2.0	46.0
	48.0	6.8	7.6	8.1	8.3	9.3	9.0	7.9	7.5	5.9	4.6	3.8	3.9	2.8	2.2	1.9	48.0
	50.0	5.4	6.1	6.5		7.9	8.7	7.7	7.4	5.6	4.4	3.7	3.7	2.7	2.1	1.9	50.0
	55.0			3.1		4.8	5.9	6.7	7.0	5.0	4.0	3.5	3.2	2.4	1.9	1.7	55.0
	60.0						3.1	3.7		4.5	3.7	3.3	3.1	2.8	2.2	1.8	60.0
	65.0										3.5	3.2	3.1	2.5	2.0	1.6	65.0
	70.0													2.2	1.8	1.5	70.0
	75.0															1.4	75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	43~82	45~82	38~82	49~82	45~82	42~82	43~82	51~82	47~82	45~82	47~82	48~82	43~82	48~82	45~82	52~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 60.1m 6段ESP	 1.7m+FLJ	 127 t	 9.7m × 8.0m		 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	39.6															16.0
	18.0	37.5	32.8		24.9				14.6								18.0
	20.0	35.3	31.0		24.8				14.6				8.3				20.0
	22.0	33.3	29.3	24.3	21.4	23.2	15.2		13.8				8.3				22.0
	24.0	31.4	27.8	23.4	20.8	21.7	14.5		12.7				8.3				24.0
	26.0	29.6	26.3	22.6	20.2	20.5	13.8	10.7	11.8	7.5			8.1				26.0
	28.0	28.0	24.9	21.9	19.7	19.3	13.2	10.3	9.1	11.0	7.1		7.6				28.0
	30.0	26.5	23.6	21.2	19.2	18.2	12.7	10.0	8.9	10.3	6.8		7.1	4.5			30.0
	32.0	25.1	22.5	20.5	18.8	17.2	12.2	9.7	8.6	9.6	6.5	5.0	6.6	4.3			32.0
	34.0	22.6	21.4	19.9	18.4	16.3	11.7	9.4	8.5	9.0	6.2	4.8	6.2	4.1			34.0
	36.0	19.6	20.4	19.1	18.0	15.4	11.3	9.2	8.3	8.5	5.9	4.6	5.8	3.9			36.0
	38.0	16.9	18.3	18.3	17.6	14.6	10.9	8.9	8.2	8.0	5.7	4.5	5.4	3.7	2.7		38.0
	40.0	14.5	15.8	16.7	17.2	13.9	10.5	8.7	8.0	7.6	5.4	4.3	5.1	3.5	2.6		40.0
	42.0	12.4	13.6	14.4	14.8	13.3	10.1	8.5	7.9	7.2	5.2	4.2	4.8	3.3	2.5	2.1	42.0
	44.0	10.5	11.6	12.3	12.7	12.7	9.8	8.3	7.8	6.8	5.0	4.1	4.5	3.2	2.4	2.1	44.0
	46.0	8.8	9.8	10.4	10.7	11.2	9.5	8.2	7.6	6.5	4.8	3.9	4.3	3.0	2.3	2.0	46.0
	48.0	7.3	8.1	8.7	9.0	9.7	9.2	8.0	7.5	6.2	4.7	3.8	4.0	2.9	2.2	1.9	48.0
	50.0	5.8	6.6	7.2	7.3	8.2	8.9	7.8	7.4	5.9	4.5	3.7	3.8	2.8	2.2	1.9	50.0
	55.0		3.4	3.8		5.1	6.3	7.2	7.3	5.3	4.1	3.5	3.2	2.5	2.0	1.7	55.0
	60.0						3.6	4.2	4.4	4.7	3.8	3.3	3.1	2.9	2.2	1.8	60.0
	65.0										3.6	3.2	3.1	2.6	2.0	1.7	65.0
	70.0														1.8	1.6	70.0
	75.0															1.5	75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
 °	48~82	43~82	44~82	51~82	49~82	47~82	48~82	48~82	50~82	49~82	51~82	52~82	51~82	51~82	49~82	50~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
64.0m 6段ESP	1.7m+FLJ	127 t	9.7m x 8.0m	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	28.5																16.0
	18.0	28.5				18.1												18.0
	20.0	28.5	28.5			18.1				10.9								20.0
	22.0	28.5	27.6	24.5		18.1				10.9				6.5				22.0
	24.0	28.5	26.2	23.7	20.9	18.1	14.6			10.9				6.5				24.0
	26.0	27.8	24.9	22.9	20.3	18.1	13.9			10.9	7.5			6.5				26.0
	28.0	26.3	23.6	21.8	19.8	18.1	13.3	10.3		10.9	7.2			6.5				28.0
	30.0	24.9	22.4	20.8	19.4	18.1	12.8	10.0	8.5	10.5	6.9			6.5				30.0
	32.0	23.7	21.3	19.8	18.9	17.7	12.3	9.7	8.3	9.8	6.6	5.0		6.5	4.3			32.0
	34.0	22.3	20.2	18.9	18.4	16.8	11.9	9.5	8.2	9.2	6.3	4.8		6.4	4.1			34.0
	36.0	19.3	19.3	18.1	17.7	15.9	11.4	9.2	8.0	8.7	6.0	4.6	4.0	6.0	3.9			36.0
	38.0	16.6	18.1	17.3	16.9	15.1	11.0	9.0	7.9	8.2	5.8	4.5	3.9	5.6	3.7	2.7		38.0
	40.0	14.3	15.6	16.6	16.3	14.4	10.7	8.8	7.7	7.8	5.5	4.3	3.8	5.3	3.5	2.6		40.0
	42.0	12.2	13.4	14.3	14.7	13.7	10.3	8.6	7.6	7.4	5.3	4.2	3.7	5.0	3.4	2.5		42.0
	44.0	10.3	11.4	12.2	12.6	12.7	10.0	8.4	7.5	7.0	5.1	4.1	3.6	4.7	3.2	2.4	2.1	44.0
	46.0	8.6	9.6	10.3	10.6	10.9	9.7	8.2	7.4	6.7	4.9	4.0	3.6	4.4	3.1	2.3	2.0	46.0
	48.0	7.0	7.9	8.6	8.9	9.4	9.4	8.1	7.3	6.4	4.8	3.9	3.5	4.2	2.9	2.3	1.9	48.0
	50.0	5.6	6.4	7.0	7.3	7.9	9.1	7.9	7.2	6.1	4.6	3.8	3.4	4.0	2.8	2.2	1.9	50.0
	55.0			3.7	3.8	4.8	6.1	7.1	7.0	5.4	4.2	3.5	3.3	3.5	2.5	2.0	1.7	55.0
	60.0							4.1	4.4	4.4	3.9	3.4	3.1	3.1	2.3	1.8	1.6	60.0
	65.0											3.2	3.1	2.7	2.1	1.7	1.5	65.0
	70.0														1.9	1.6	1.4	70.0
	75.0																	75.0
	80.0																	80.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
	°	51~82	53~82	48~82	48~82	52~82	55~82	52~82	52~82	53~82	56~82	54~82	55~82	53~82	54~82	57~82	58~82	°
	t	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	t	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
55.6m 6段ESP	1.7m+FLJ	94 t	9.7m x 8.0m	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	48.6				27.2												16.0
	18.0	47.2	35.6			26.2				15.5								18.0
	20.0	44.6	33.5	25.1	22.0	24.3	15.9			14.7				8.6				20.0
	22.0	40.8	31.5	24.1	21.3	22.7	15.1			13.4				8.6				22.0
	24.0	34.0	29.8	23.2	20.6	21.2	14.3	11.0		12.4	7.9			8.6				24.0
	26.0	28.6	28.2	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5			8.0				26.0
	28.0	24.0	26.2	21.5	19.5	18.8	13.1	10.3	9.1	10.7	7.1			7.4	4.7			28.0
	30.0	20.1	22.1	20.8	19.0	17.6	12.5	9.9	8.8	10.0	6.8	5.1		6.9	4.5			30.0
	32.0	16.8	18.6	20.0	18.5	16.6	12.0	9.6	8.6	9.3	6.4	4.9		6.4	4.2			32.0
	34.0	13.9	15.5	16.8	17.5	15.7	11.5	9.3	8.4	8.7	6.1	4.7	4.1	6.0	4.0			34.0
	36.0	11.4	12.9	14.0	14.6	14.2	11.1	9.1	8.3	8.2	5.9	4.6	4.0	5.6	3.8	2.8		36.0
	38.0	9.2	10.5	11.6	12.0	11.9	10.6	8.8	8.1	7.7	5.6	4.4	3.9	5.2	3.6	2.7		38.0
	40.0	7.2	8.5	9.4	9.8	9.9	10.3	8.6	8.0	7.3	5.4	4.3	3.8	4.9	3.4	2.6	2.2	40.0
	42.0	5.5	6.6	7.4	7.8	8.1	9.9	8.4	7.8	6.9	5.1	4.1	3.7	4.6	3.3	2.5	2.1	42.0
	44.0		4.9	5.6	5.9	6.5	8.3	8.2	7.7	6.6	4.9	4.0	3.6	4.3	3.1	2.4	2.1	44.0
	46.0					5.1	6.7	8.1	7.6	6.2	4.7	3.9	3.5	4.1	3.0	2.3	2.0	46.0
	48.0						5.3	6.5	7.1	5.9	4.6	3.8	3.4	3.9	2.8	2.2	1.9	48.0
	50.0							5.1	5.5	4.9	4.4	3.7	3.4	3.7	2.7	2.1	1.9	50.0
	55.0											3.5	3.2		2.4	1.9	1.7	55.0
	60.0															1.8	1.6	60.0
	65.0																	65.0
	70.0																	70.0
	75.0																	75.0
	80.0																	80.0
	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
	°	53~82	52~82	54~82	54~82	54~82	55~82	56~82	56~82	55~82	60~82	58~82	59~82	59~82	61~82	60~82	62~82	°
	t	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	t	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

フルオートラフィングジブ

 60.1m 6段ESP	 1.7m+FLJ	 94 t	 9.7m × 8.0m	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m	
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°	
 m	16.0	39.6															16.0	
	18.0	37.5	32.8			24.9				14.6							18.0	
	20.0	35.3	31.0			24.8				14.6				8.3			20.0	
	22.0	33.3	29.3	24.3	21.4	23.2	15.2			13.8				8.3			22.0	
	24.0	31.4	27.8	23.4	20.8	21.7	14.5			12.7				8.3			24.0	
	26.0	29.1	26.3	22.6	20.2	20.5	13.8	10.7		11.8	7.5			8.1			26.0	
	28.0	24.5	24.9	21.9	19.7	19.3	13.2	10.3	9.1	11.0	7.1			7.6			28.0	
	30.0	20.7	22.6	21.2	19.2	18.2	12.7	10.0	8.9	10.3	6.8			7.1	4.5		30.0	
	32.0	17.3	19.1	20.5	18.8	17.2	12.2	9.7	8.6	9.6	6.5	5.0		6.6	4.3		32.0	
	34.0	14.5	16.1	17.4	18.1	16.3	11.7	9.4	8.5	9.0	6.2	4.8	4.1	6.2	4.1		34.0	
	36.0	11.9	13.4	14.6	15.2	14.5	11.3	9.2	8.3	8.5	5.9	4.6	4.0	5.8	3.9		36.0	
	38.0	9.7	11.1	12.2	12.7	12.3	10.9	8.9	8.2	8.0	5.7	4.5	3.9	5.4	3.7	2.7	38.0	
	40.0	7.8	9.0	10.0	10.4	10.3	10.5	8.7	8.0	7.6	5.4	4.3	3.8	5.1	3.5	2.6	40.0	
	42.0	6.0	7.1	8.0	8.4	8.5	10.1	8.5	7.9	7.2	5.2	4.2	3.7	4.8	3.3	2.5	2.1	42.0
	44.0		5.5	6.2	6.6	6.9	8.7	8.3	7.8	6.8	5.0	4.1	3.6	4.5	3.2	2.4	2.1	44.0
	46.0						7.1	8.2	7.6	6.5	4.8	3.9	3.5	4.3	3.0	2.3	2.0	46.0
	48.0						5.7	6.9	7.5	6.2	4.7	3.8	3.5	4.0	2.9	2.2	1.9	48.0
	50.0							5.5	6.0		4.5	3.7	3.4	3.8	2.8	2.2	1.9	50.0
	55.0											3.5	3.2		2.5	2.0	1.7	55.0
	60.0															1.8	1.6	60.0
	65.0																	65.0
	70.0																	70.0
	75.0																	75.0
	80.0																	80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1	
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2	
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3	
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4	
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5	
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID	
 °	56~82	56~82	57~82	58~82	59~82	59~82	59~82	60~82	60~82	62~82	61~82	62~82	62~82	63~82	63~82	65~82	°	
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1		
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t		

 64.0m 6段ESP	 1.7m+FLJ	 94 t	 9.7m × 8.0m	 360 °	 JPN
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	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	28.5																16.0
	18.0	28.5				18.1												18.0
	20.0	28.5	28.5			18.1				10.9								20.0
	22.0	28.5	27.6	24.5		18.1				10.9				6.5				22.0
	24.0	28.5	26.2	23.7	20.9	18.1	14.6			10.9				6.5				24.0
	26.0	27.8	24.9	22.9	20.3	18.1	13.9			10.9	7.5			6.5				26.0
	28.0	24.3	23.6	21.8	19.8	18.1	13.3	10.3		10.9	7.2			6.5				28.0
	30.0	20.4	22.4	20.8	19.4	18.1	12.8	10.0	8.5	10.5	6.9			6.5				30.0
	32.0	17.1	18.9	19.8	18.9	17.7	12.3	9.7	8.3	9.8	6.6	5.0		6.5	4.3			32.0
	34.0	14.2	15.9	17.3	17.9	16.8	11.9	9.5	8.2	9.2	6.3	4.8		6.4	4.1			34.0
	36.0	11.7	13.2	14.5	15.1	14.2	11.4	9.2	8.0	8.7	6.0	4.6	4.0	6.0	3.9			36.0
	38.0	9.5	10.9	12.0	12.6	12.0	11.0	9.0	7.9	8.2	5.8	4.5	3.9	5.6	3.7	2.7		38.0
	40.0	7.5	8.8	9.8	10.3	10.0	10.7	8.8	7.7	7.8	5.5	4.3	3.8	5.3	3.5	2.6		40.0
	42.0		6.9	7.9	8.3	8.2	10.2	8.6	7.6	7.4	5.3	4.2	3.7	5.0	3.4	2.5		42.0
	44.0				6.5	6.6	8.5	8.4	7.5	7.0	5.1	4.1	3.6	4.7	3.2	2.4	2.1	44.0
	46.0						6.9	8.2	7.4	6.7	4.9	4.0	3.6	4.4	3.1	2.3	2.0	46.0
	48.0							6.8	7.3		4.8	3.9	3.5	4.2	2.9	2.3	1.9	48.0
	50.0								5.9		4.6	3.8	3.4	4.0	2.8	2.2	1.9	50.0
	55.0												3.3		2.5	2.0	1.7	55.0
	60.0															1.8	1.6	60.0
	65.0																	65.0
	70.0																	70.0
	75.0																	75.0
	80.0																	80.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
	°	60~82	60~82	62~82	60~82	61~82	62~82	63~82	62~82	63~82	64~82	67~82	64~82	63~82	65~82	65~82	66~82	°
		5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
		80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
55.6m 6段ESP	1.7m+FLJ	57 t	9.7m × 8.0m	360 °	JPN

 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	48.6			27.2												16.0
	18.0	39.6	35.6		26.2				15.5								18.0
	20.0	31.3	33.5	25.1	24.3	15.9			14.7				8.6				20.0
	22.0	24.9	28.0	24.1	21.3	22.7	15.1		13.4				8.6				22.0
	24.0	19.8	22.5	23.2	20.6	21.2	14.3	11.0	12.4	7.9			8.6				24.0
	26.0	15.6	18.0	20.1	20.1	18.5	13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0	12.1	14.3	16.1	17.1	15.0	13.1	10.3	9.1	10.7	7.1		7.4	4.7			28.0
	30.0		11.1	12.7	13.6	12.0	12.5	9.9	8.8	10.0	6.8	5.1	6.9	4.5			30.0
	32.0			9.8	10.6	9.4	12.0	9.6	8.6	9.3	6.4	4.9	6.4	4.2			32.0
	34.0					9.9	9.3	8.4	8.7	6.1	4.7	4.1	6.0	4.0			34.0
	36.0						9.1	8.3		5.9	4.6	4.0	5.6	3.8	2.8		36.0
	38.0							8.1		5.6	4.4	3.9	5.2	3.6	2.7		38.0
	40.0										4.3	3.8		3.4	2.6	2.2	40.0
	42.0										4.1	3.7		3.3	2.5	2.1	42.0
	44.0											3.6			2.4	2.1	44.0
	46.0														2.3	2.0	46.0
	48.0														2.2	1.9	48.0
	50.0															1.9	50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	66~82	67~82	66~82	67~82	66~82	68~82	69~82	69~82	68~82	69~82	69~82	70~82	68~82	70~82	70~82	71~82	°
 t	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
 t	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
60.1m 6段ESP	1.7m+FLJ	57 t	9.7m × 8.0m	360 °	JPN

 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	39.6															16.0
	18.0	37.5	32.8		24.9				14.6								18.0
	20.0	31.9	31.0		24.8				14.6				8.3				20.0
	22.0	25.5	28.6	24.3	21.4	23.2	15.2		13.8				8.3				22.0
	24.0	20.4	23.1	23.4	20.8	21.7	14.5		12.7				8.3				24.0
	26.0	16.2	18.6	20.6	20.2	18.9	13.8	10.7	11.8	7.5			8.1				26.0
	28.0	12.6	14.8	16.7	17.6	15.4	13.2	10.3	9.1	11.0	7.1		7.6				28.0
	30.0		11.6	13.3	14.1	12.4	12.7	10.0	8.9	10.3	6.8		7.1	4.5			30.0
	32.0			10.4	11.2		12.2	9.7	8.6	9.6	6.5	5.0	6.6	4.3			32.0
	34.0					10.3	9.4	8.5	9.0	6.2	4.8	4.1	6.2	4.1			34.0
	36.0						9.2	8.3		5.9	4.6	4.0	5.8	3.9			36.0
	38.0							8.2		5.7	4.5	3.9		3.7	2.7		38.0
	40.0										4.3	3.8		3.5	2.6		40.0
	42.0										4.2	3.7		3.3	2.5	2.1	42.0
	44.0											3.6			2.4	2.1	44.0
	46.0														2.3	2.0	46.0
	48.0														2.2	1.9	48.0
	50.0															1.9	50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
 °	68~82	69~82	69~82	69~82	70~82	70~82	71~82	71~82	70~82	71~82	71~82	71~82	70~82	72~82	72~82	72~82	°
 t	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
 t	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

フルオートラフィングジブ

 64.0m 6段ESP	 1.7m+FLJ	 57 t	 9.7m × 8.0m	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	28.5															16.0
	18.0	28.5			18.1												18.0
	20.0	28.5	28.5		18.1				10.9								20.0
	22.0	25.2	27.6	24.5	18.1				10.9				6.5				22.0
	24.0	20.1	22.8	23.7	20.9	18.1	14.6		10.9				6.5				24.0
	26.0	15.9	18.4	20.5	20.3	18.1	13.9		10.9	7.5			6.5				26.0
	28.0	12.4	14.6	16.5	17.5	15.1	13.3	10.3	10.9	7.2			6.5				28.0
	30.0		11.4	13.1	14.0	12.1	12.8	10.0	8.5	10.5	6.9		6.5				30.0
	32.0				11.0		12.3	9.7	8.3	9.8	6.6	5.0	6.5	4.3			32.0
	34.0							9.5	8.2		6.3	4.8	6.4	4.1			34.0
	36.0							9.2	8.0		6.0	4.6	4.0	3.9			36.0
	38.0										4.5	3.9		3.7	2.7		38.0
	40.0										4.3	3.8		3.5	2.6		40.0
	42.0											3.7			2.5		42.0
	44.0														2.4	2.1	44.0
	46.0														2.3	2.0	46.0
	48.0															1.9	48.0
	50.0																50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
 °	70~82	70~82	72~82	71~82	71~82	73~82	73~82	74~82	72~82	73~82	74~82	74~82	73~82	74~82	74~82	75~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 55.6m 6段ESP	 1.7m+FLJ	 94 t	 9.7m × 7.0m	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	48.6			27.2												16.0
	18.0	47.2	35.6		26.2				15.5								18.0
	20.0	41.5	33.5	25.1	22.0	24.3	15.9		14.7				8.6				20.0
	22.0	34.2	31.5	24.1	21.3	22.7	15.1		13.4				8.6				22.0
	24.0	28.3	29.8	23.2	20.6	21.2	14.3	11.0	12.4	7.9			8.6				24.0
	26.0	23.4	25.8	22.3	20.1	20.0	13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0	19.3	21.5	21.5	19.5	18.8	13.1	10.3	9.1	10.7	7.1		7.4	4.7			28.0
	30.0	15.9	17.8	19.4	19.0	17.6	12.5	9.9	8.8	10.0	6.8	5.1	6.9	4.5			30.0
	32.0	12.9	14.7	16.1	16.8	15.7	12.0	9.6	8.6	9.3	6.4	4.9	6.4	4.2			32.0
	34.0	10.3	11.9	13.2	13.8	13.1	11.5	9.3	8.4	8.7	6.1	4.7	6.0	4.0			34.0
	36.0	8.1	9.5	10.7	11.2	10.8	11.1	9.1	8.3	8.2	5.9	4.6	5.6	3.8	2.8		36.0
	38.0	6.1	7.4	8.5	8.9	8.8	10.6	8.8	8.1	7.7	5.6	4.4	5.2	3.6	2.7		38.0
	40.0			6.5	6.9	7.0	9.1	8.6	8.0	7.3	5.4	4.3	4.9	3.4	2.6	2.2	40.0
	42.0						7.3	8.4	7.8	6.9	5.1	4.1	4.6	3.3	2.5	2.1	42.0
	44.0							7.1	7.7	6.3	4.9	4.0	4.3	3.1	2.4	2.1	44.0
	46.0							5.6	6.2		4.7	3.9	4.1	3.0	2.3	2.0	46.0
	48.0										4.6	3.8	3.4	3.9	2.8	2.2	48.0
	50.0											3.7	3.4		2.7	2.1	50.0
	55.0															1.9	55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
	ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	57~82	59~82	58~82	59~82	60~82	61~82	60~82	61~82	60~82	61~82	63~82	64~82	61~82	64~82	65~82	62~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
60.1m 6段ESP	1.7m+FLJ	94 t	9.7m x 7.0m	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	39.6																16.0
	18.0	37.5	32.8			24.9				14.6								18.0
	20.0	35.3	31.0			24.8				14.6				8.3				20.0
	22.0	33.3	29.3	24.3	21.4	23.2	15.2			13.8				8.3				22.0
	24.0	28.8	27.8	23.4	20.8	21.7	14.5			12.7				8.3				24.0
	26.0	23.9	26.3	22.6	20.2	20.5	13.8	10.7		11.8	7.5			8.1				26.0
	28.0	19.9	22.0	21.9	19.7	19.3	13.2	10.3	9.1	11.0	7.1			7.6				28.0
	30.0	16.4	18.4	20.0	19.2	18.2	12.7	10.0	8.9	10.3	6.8			7.1	4.5			30.0
	32.0	13.5	15.2	16.7	17.4	16.1	12.2	9.7	8.6	9.6	6.5	5.0		6.6	4.3			32.0
	34.0	10.9	12.5	13.8	14.4	13.5	11.7	9.4	8.5	9.0	6.2	4.8	4.1	6.2	4.1			34.0
	36.0	8.6	10.1	11.3	11.8	11.2	11.3	9.2	8.3	8.5	5.9	4.6	4.0	5.8	3.9			36.0
	38.0		8.0	9.0	9.5	9.1	10.9	8.9	8.2	8.0	5.7	4.5	3.9	5.4	3.7	2.7		38.0
	40.0			7.0	7.5	7.3	9.4	8.7	8.0	7.6	5.4	4.3	3.8	5.1	3.5	2.6		40.0
	42.0						7.7	8.5	7.9	7.2	5.2	4.2	3.7	4.8	3.3	2.5	2.1	42.0
	44.0							7.6	7.8	6.5	5.0	4.1	3.6	4.5	3.2	2.4	2.1	44.0
	46.0								6.7		4.8	3.9	3.5	4.3	3.0	2.3	2.0	46.0
	48.0										4.7	3.8	3.5	4.0	2.9	2.2	1.9	48.0
	50.0											3.7	3.4		2.8	2.2	1.9	50.0
	55.0															2.0	1.7	55.0
	60.0																	60.0
	65.0																	65.0
	70.0																	70.0
	75.0																	75.0
	80.0																	80.0
	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
	ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
	°	62~82	62~82	61~82	62~82	62~82	64~82	65~82	64~82	63~82	64~82	65~82	67~82	63~82	66~82	67~82	69~82	°
	t	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	t	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

					
64.0m 6段ESP	1.7m+FLJ	94 t	9.7m x 7.0m	360°	JPN

	m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
	°	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
	16.0	28.5																16.0
	18.0	28.5				18.1												18.0
	20.0	28.5	28.5			18.1				10.9								20.0
	22.0	28.5	27.6	24.5		18.1				10.9				6.5				22.0
	24.0	28.5	26.2	23.7	20.9	18.1	14.6			10.9				6.5				24.0
	26.0	23.7	24.9	22.9	20.3	18.1	13.9			10.9	7.5			6.5				26.0
	28.0	19.6	21.8	21.8	19.8	18.1	13.3	10.3		10.9	7.2			6.5				28.0
	30.0	16.2	18.1	19.8	19.4	18.1	12.8	10.0	8.5	10.5	6.9			6.5				30.0
	32.0	13.2	15.0	16.5	17.3	15.8	12.3	9.7	8.3	9.8	6.6	5.0		6.5	4.3			32.0
	34.0	10.6	12.3	13.6	14.3	13.1	11.9	9.5	8.2	9.2	6.3	4.8		6.4	4.1			34.0
	36.0	8.4	9.9	11.1	11.7	10.9	11.4	9.2	8.0	8.7	6.0	4.6	4.0	6.0	3.9			36.0
	38.0		7.8	8.9	9.4	8.8	11.0	9.0	7.9	8.2	5.8	4.5	3.9	5.6	3.7	2.7		38.0
	40.0				7.4		9.2	8.8	7.7	7.8	5.5	4.3	3.8	5.3	3.5	2.6		40.0
	42.0						7.4	8.6	7.6	7.4	5.3	4.2	3.7	5.0	3.4	2.5		42.0
	44.0							7.4	7.5		5.1	4.1	3.6	4.7	3.2	2.4	2.1	44.0
	46.0										4.9	4.0	3.6		3.1	2.3	2.0	46.0
	48.0											3.9	3.5		2.9	2.3	1.9	48.0
	50.0											3.8	3.4		2.8	2.2	1.9	50.0
	55.0															2.0	1.7	55.0
	60.0																	60.0
	65.0																	65.0
	70.0																	70.0
	75.0																	75.0
	80.0																	80.0
	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
	ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
	°	64~82	64~82	65~82	64~82	66~82	66~82	66~82	68~82	66~82	67~82	67~82	68~82	67~82	68~82	68~82	70~82	°
	t	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	t	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

フルオートラフティングジブ

 55.6m 6段ESP	 1.7m+FLJ	 57 t	 9.7m × 7.0m	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	41.6			27.2												16.0
	18.0	32.3	35.6		26.2				15.5								18.0
	20.0	25.1	28.6	25.1	22.0	24.3	15.9		14.7				8.6				20.0
	22.0	19.6	22.6	24.1	21.3	22.6	15.1		13.4				8.6				22.0
	24.0	15.1	17.7	20.0	20.6	18.0	14.3	11.0	12.4	7.9			8.6				24.0
	26.0		13.8	15.8	16.9	14.3	13.7	10.6	9.3	11.5	7.5		8.0				26.0
	28.0			12.2	13.2	11.1	13.1	10.3	9.1	10.7	7.1		7.4	4.7			28.0
	30.0				10.0		11.7	9.9	8.8	10.0	6.8	5.1	6.9	4.5			30.0
	32.0						9.6	8.6		6.4	4.9		6.4	4.2			32.0
	34.0							8.4		6.1	4.7	4.1		4.0			34.0
	36.0										4.6	4.0		3.8	2.8		36.0
	38.0										4.4	3.9		3.6	2.7		38.0
	40.0											3.8			2.6	2.2	40.0
	42.0														2.5	2.1	42.0
	44.0														2.4	2.1	44.0
	46.0															2.0	46.0
	48.0																48.0
	50.0																50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
 ID	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	ID
 °	70~82	70~82	70~82	69~82	69~82	72~82	73~82	72~82	71~82	72~82	73~82	73~82	71~82	73~82	73~82	74~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 60.1m 6段ESP	 1.7m+FLJ	 57 t	 9.7m × 7.0m	 360 °	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	39.6															16.0
	18.0	32.9	32.8		24.9				14.6								18.0
	20.0	25.7	29.1		24.8				14.6				8.3				20.0
	22.0	20.1	23.1	24.3	21.4	23.0	15.2		13.8				8.3				22.0
	24.0	15.6	18.3	20.5	20.8	18.4	14.5		12.7				8.3				24.0
	26.0		14.3	16.3	17.4	14.7	13.8	10.7	11.8	7.5			8.1				26.0
	28.0			12.8	13.7		13.2	10.3	9.1	11.0	7.1		7.6				28.0
	30.0						12.0	10.0	8.9	10.3	6.8		7.1	4.5			30.0
	32.0							9.7	8.6		6.5	5.0	6.6	4.3			32.0
	34.0								8.5		6.2	4.8	4.1	4.1			34.0
	36.0										4.6	4.0		3.9			36.0
	38.0										4.5	3.9		3.7	2.7		38.0
	40.0											3.8			2.6		40.0
	42.0														2.5	2.1	42.0
	44.0															2.1	44.0
	46.0															2.0	46.0
	48.0																48.0
	50.0																50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	1
	2	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	2
	3	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	3
	4	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	4
	5	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	5
 ID	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	ID
 °	72~82	72~82	72~82	73~82	73~82	73~82	74~82	74~82	72~82	73~82	74~82	75~82	73~82	74~82	76~82	75~82	°
	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1	1	
	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t	12.5t	

 64.0m 6段ESP	 1.7m+FLJ	 57 t	 9.7m x 7.0m	 360°	 JPN
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 m	11.1	11.1	11.1	11.1	19.1	19.1	19.1	19.1	27.1	27.1	27.1	27.1	35.1	35.1	35.1	35.1	m
 °	0	15	30	40	0	15	30	40	0	15	30	40	0	15	30	40	°
 m	16.0	28.5															16.0
	18.0	28.5			18.1												18.0
	20.0	25.5	28.5		18.1				10.9								20.0
	22.0	19.9	22.9	24.5	18.1				10.9				6.5				22.0
	24.0	15.4	18.1	20.4	20.9	18.1	14.6		10.9				6.5				24.0
	26.0		14.1	16.2	17.3	14.3	13.9		10.9	7.5			6.5				26.0
	28.0				13.6		13.3	10.3	10.9	7.2			6.5				28.0
	30.0							10.0	8.5	6.9			6.5				30.0
	32.0							9.7	8.3	6.6	5.0			4.3			32.0
	34.0									4.8				4.1			34.0
	36.0									4.6	4.0			3.9			36.0
	38.0										3.9				2.7		38.0
	40.0														2.6		40.0
	42.0														2.5		42.0
	44.0																44.0
	46.0																46.0
	48.0																48.0
	50.0																50.0
	55.0																55.0
	60.0																60.0
	65.0																65.0
	70.0																70.0
	75.0																75.0
	80.0																80.0
 %	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1
	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	2
	3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	3
	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	4
	5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
 ID	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	ID
 °	73~82	74~82	75~82	74~82	74~82	76~82	76~82	77~82	75~82	76~82	77~82	77~82	75~82	76~82	77~82		°
 t	5	5	5	5	3	3	3	3	2	2	2	2	1	1	1		t
 t	80t	80t	80t	80t	80t	80t	80t	80t	25t	25t	25t	25t	12.5t	12.5t	12.5t		t

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