

ALL TERRAIN CRANE

ATF160G-5

JAPANESE SPECIFICATIONS

CARRIER MODEL	SPEC. NO.
FAUN ATF160G-5	ATF-160G-1-90101

Refer to the specifications in the separate sections
for details of the fully automatic luffing jib.

ATF160G-5

1. Crane Specifications

☉ Crane

Crane Capacity

Boom

13.2 m boom	160,000 kg x 3.0 m	(2 x 14-part line, with attachments)
17.6 m boom	98,400 kg x 5.0 m	(15-part line)
21.9 m boom	86,900 kg x 6.0 m	(13-part line)
26.3 m boom	75,000 kg x 7.0 m	(11-part line)
30.6 m boom	62,500 kg x 5.0 m	(9-part line)
35.0 m boom	55,100 kg x 5.0 m	(8-part line)
39.3 m boom	41,400 kg x 8.0 m	(7-part line)
43.7 m boom	33,400 kg x 9.0 m	(5-part line)
48.0 m boom	26,900 kg x 10.0 m	(4-part line)
52.4 m boom	21,600 kg x 10.0 m	(4-part line)
56.7 m boom	17,000 kg x 12.0 m	(3-part line)
60.0 m boom	14,000 kg x 16.0 m	(3-part line)
Single top	7,300 kg	(single-part line)

<Reference>

Fully Automatic Luffing Jib

8.5 m jib	26,600 kg x 7.0 m	(4-part line)
11.6 m jib	14,600 kg x 16.0 m	(2-part line)
14.7 m jib	13,900 kg x 12.0 m	(2-part line)
17.8 m jib	13,500 kg x 8.0 m	(2-part line)
20.9 m jib	5,600 kg x 32.0 m	(single-part line)

Max. Lifting Height

Boom 61.0 m

<Reference>

Fully Automatic Luffing Jib 83.0 m

Max. Working Radius

Boom 56.0 m

<Reference>

Fully Automatic Luffing Jib 55.0 m

Boom Length

13.2 m to 60.0 m

Boom Extension

46.8 m

Boom Extension Speed

46.8 m/420 s

Main Winch Single Line Winding Speed

120 m/min (4 layers)

Main Winch Hook Speed

8 m/min (15-part line)

Auxiliary Winch Single Line Winding Speed

120 m/min (4 layers)

Auxiliary Winch Hook Speed

120 m/min (single-part line)

Boom Elevation Angle

-1.0° to 84.0°

Boom Elevation Speed

-1.0° to 84.0°/60 s

Swing Angle

360° continuous

Swing Speed

1.4 min⁻¹

Wire Rope

Main winch 21 mm dia. x 360 m long

Auxiliary winch 21 mm dia. x 250 m long

Hook

125 t hook (15-part-line)

63 t hook (7-part-line)

25 t hook (2-part-line)

7.3 t hook (single-part-line)

Boom

6-section hydraulically telescoping boom of box construction

Each stage pin lock type

Boom Extension

1 hydraulic cylinder

Single top

Single sheave. Mounted on main boom head for single line work.

Hoist

Hydraulic motor driven planetary gear reducer

Automatic brake

2 single winches

Boom Elevation

Double-acting hydraulic cylinder

Swing

Hydraulic motor driven planetary gear reducer

Ball-type swing bearing

Manual switch brake

Manually operated swing lock

Counterweight

50 t, 36 t, 24 t, 12 t

Outriggers

Fully hydraulic H-type

Slides and jacks each provided with independent operation device.

Fully extended width 8.3 m

Middle extended width 7.0 m, 5.6 m, 4.6 m

Slide lock pin provided

Sliding storage float

Power Take-Off

Engine exclusive to upper component operation

Model OM906 LA (Mercedes Benz)

Type Cooled 4-cycle, in-line 6-cylinder

Direct injection, turbo

Intercooler diesel

Piston displacement 6.37 L

Max. output 138 kW (188PS)/1,800 min⁻¹ (rpm)

Max. torque 750 N·m (76 kgf·m)/1,200 min⁻¹ (rpm)

Fuel Tank Capacity

250 L

Hydraulic Pumps

High-pressure variable piston pump x 2 + high-pressure piston

pump x 1 + high-pressure gear pump x 2

Hydraulic Tank Capacity

946 L

Safety Devices

Automatic moment limiter (AML)

With working range limiting function

With the hook moving length indicator

Outrigger extension automatic detector (individual detection)

Swing range controller

Swing automatic stop device

Boom elevation slow down and stop device

Over-winding cutout device

Dead winding holding device

Level gauge

Hook safety latch

Swing lock

Hydraulic safety valve

Hydraulic lock (elevation, telescoping, hoist, jack)

Equipment

Counterweight dismount/mount device

Boom elevation creeping mode setting device

Swing creeping mode setting device

Boom dismount/mount device

AML external warning lamp

Wind velocity meter

Oil cooler

Air conditioner

AM/FM radio

Drum monitor

Swing alarm

Optional Equipment

Loudspeaker

Carrier

Manufacturer

FAUN GmbH

Carrier Model

ATF160G-5

Engine

Model OM502LA (Mercedes Benz)
Water-cooled 4-cycle, V8, direct-injection, diesel
Intercooler turbo diesel

Piston displacement 15.928 L

Max. output 390 kW (530 PS)/1,800 min⁻¹ (rpm)

Max. torque 2,400 N·m (245 kgf·m)/1,300 min⁻¹ (rpm)

Transmission

Fully automatic
16-forward and 2-reverse speeds

Drive

10 x 6

10 x 8 – Off-road (with diff-lock mechanism)

Axle (all axles)

Full floating type

Suspension (all axles)

Hydraulic pneumatic suspension

Stroke: +158 mm/ -118 mm

Steering

Type Type: Left-hand drive
Fully hydraulic power steering
2 circuits
Emergency power steering

Mode Normal (4 front wheels + 4 rear wheels)

Crab (4 front wheels + 4 rear wheels)

Brake System

Service Brake Air brake on all wheels
2 circuits

Parking Brake Spring brake, acting on 2nd, 4th, 5th axles (6 wheels)

Emergency Brake Operated via parking brake

Auxiliary Brake Flow type retarder (transmission built-in)
Exhaust brake

Electric System

12 V/170 Ah x 2 (24 V)

Fuel Tank Capacity

530 L

Crew capacity

2

Tires

445/95R25 177E Road (all wheels)

Wheel

11.00-25 (all wheels)

Equipment

Air conditioner

AM/FM radio

Mud guard

Centralized oiling device

Bed for napping

Back monitor

Dimensions

Overall length 13,370 mm

Overall width 3,000 mm

Overall height 4,020 mm

Wheel base 2,700 mm + 1,650 mm + 2,440 mm + 1,700 mm

Tread 2,550 mm

Weight (running on public roads)

Gross vehicle weight 39,810 kg (2 persons)

Front 1st axle + 2nd axle 19,660 kg

Rear 3rd axle 1,290 kg

Rear 4th axle + 5th axle 18,860 kg

Performance

Max. traveling speed 85 km/h

Gradeability (tanθ) 0.7

Min. turning radius 9.8 m

- Note
1. The boom and boom elevating cylinder of this crane must be removed, and the swing body turned to face the rear, when running on public roads.
 2. This crane complies with the Class C Conditions under the Basic Running Conditions of the Road Traffic Act.

2. ESP Boom Total Rated Loads Chart

1. The total rated loads shown are for the case where the outriggers are set horizontally on firm level ground. The values above the bold lines are based on the crane strength while those below are based on the crane stability.
2. The table below shows the classification of Performances A to Q of the total rated load.

Counterweight Outrigger extension width	50 t	36 t	24 t	12 t	0 t
8.3 m	A	B	C	D	E
7.0 m	F	G	H	I	J
5.6 m	/	K	L	M	N
4.6 m	/	/	/	O	P
2.74 m	/	/	/	/	Q

* Even for the same classification of performance/boom length, the total rated load varies depending on the boom extending condition.

3. The total rate load shown includes the mass of the slings and hook (125 t hook: 1,200 kg, 63 t hook: 600 kg, 25 t hook: 375 kg, 7.3 t hook: 300 kg).
4. The total rated load is based on the actual working radius including the deflection of the boom.
5. The standard hook and number of part lines are shown at the bottom of the total rated loads chart. When using with other than this number of part lines, the load per line should not exceed 6.5 t for the main winch, and 7.3 t for the auxiliary winch.
 - * Single-part line (7.3 t hook used) when the single top is used.
6. The total rated load for the single top is the value obtained by subjecting the weight of the hook and the sling mounted on the boom from the total rated load of the boom, and must not exceed 7.3 t.
7. The rated total load table does not include wind effects. Stop crane operation when the maximum instantaneous velocity is 10 m/s or more.
8. θ in the total rated load chart shows the boom angle range (under no load).

Total Rated Loads

Performance A
6-stage type ESP boom

Performance block	Unit: ton																																	
	1	1	9	1	9	10	2	1	10	2	1	11	2	1	2	3	1	5	4	1	6	7	1	7	1	1	8							
Performance numbers	1	1	24	2	17.6	17.6	48.2	86.9	86.9	21.9	21.9	21.9	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	39.3	39.3	39.3	48.0	48.0	52.4	52.4	56.7	60.0			
Boom length (m)	* 13.2																																	
Working radius (m)	**																																	
3.0	160.0	140.7	98.4	48.2	86.9	86.9	54.0	37.0	75.0	52.9	40.5																							
3.5	149.8	129.6	98.4	45.4	86.9	86.9	51.2	34.4	75.0	52.9	38.5	62.5	49.6	33.7																				
4.0	138.7	120.0	98.4	43.0	86.9	86.9	48.7	32.2	75.0	52.9	36.3	62.5	49.6	31.8																				
4.5	129.1	111.6	98.4	40.8	86.9	86.9	46.4	30.2	75.0	51.1	33.9	62.5	49.6	30.1	55.1	45.1	30.5																	
5.0	120.5	101.1	98.4	38.8	86.9	86.9	44.4	28.4	75.0	49.0	31.8	62.5	49.6	28.5	55.1	45.1	29.1																	
6.0	99.7	88.8	89.0	35.4	86.9	82.1	40.8	25.4	75.0	45.3	28.3	56.5	49.3	25.1	53.5	45.1	26.6	33.4	24.5	21.9														
7.0	83.9	78.4	78.6	32.6	78.3	74.2	36.9	22.9	75.0	42.1	25.5	50.1	46.0	22.5	48.5	45.1	24.5	33.4	24.5	21.9	26.9	22.3	19.5											
8.0	72.1	70.2	70.2	30.2	69.9	67.7	33.7	20.9	71.4	39.1	23.1	44.9	43.2	20.3	43.5	45.1	22.7	33.4	24.3	21.9	26.9	22.3	19.5	21.6	17.6									
9.0	62.9	62.9	63.1	28.1	62.6	62.2	30.9	19.2	63.0	36.0	21.1	40.6	40.7	18.5	39.3	43.6	21.0	38.4	28.3	21.6	26.9	22.3	19.5	21.6	17.6	17.0								
10.0	50.6	50.6	55.7	26.4	55.7	56.8	28.6	17.7	56.2	33.4	19.4	36.9	37.9	16.9	35.8	41.6	19.3	35.1	26.7	21.6	26.9	22.3	19.5	21.6	17.6	17.0	14.0							
11.0			50.6	24.9	50.1	51.2	26.6	16.5	50.6	31.2	18.0	33.8	35.4	15.6	32.7	39.4	17.8	32.2	25.3	20.4	26.0	21.6	18.8	21.2	17.6	17.0	14.0							
12.0			46.0	23.6	45.5	46.5	24.8	15.4	46.0	29.2	16.7	31.1	33.2	14.4	30.1	37.0	16.6	29.6	24.0	19.3	25.1	21.0	18.1	20.9	17.6	17.0	14.0							
14.0			38.6	21.6	38.1	39.1	21.9	13.5	38.6	25.9	14.7	26.6	29.6	12.5	25.8	33.0	14.5	25.4	21.4	16.1	22.9	19.1	16.4	19.2	16.6	16.4	14.0							
16.0					30.7	32.0	19.7	12.1	31.4	23.3	13.0	23.1	26.6	11.0	22.4	29.8	12.8	22.1	19.2	13.6	21.3	20.9	17.4	14.9	17.6	15.2	15.1	14.0						
18.0					25.2	26.6	17.9	11.0	26.0	21.1	11.7	20.3	24.2	9.8	19.6	27.2	11.4	19.4	17.3	12.3	18.7	14.4	13.2	18.3	16.0	13.7	16.3	14.0	13.0					
20.0									21.8	19.4	10.6	17.9	22.2	8.8	17.4	23.5	10.3	17.2	15.8	11.2	16.5	13.0	12.1	16.2	14.8	12.6	15.1	13.0	13.0	12.2				
22.0									18.5	18.0	9.7	16.0	20.6	7.9	15.5	20.3	9.4	15.4	14.5	10.3	14.7	11.9	11.1	14.4	13.8	11.7	14.1	12.1	12.2	11.4				
24.0												13.0	18.3	7.2	13.9	17.6	8.6	13.8	13.4	9.3	13.2	10.9	10.3	12.9	12.9	10.8	12.9	11.3	11.4	10.7				
26.0												11.9	16.1	6.7	12.5	15.4	7.9	12.5	12.5	8.5	11.8	10.1	9.6	11.6	12.0	10.1	11.6	10.6	10.8	9.9				
28.0															11.4	13.6	7.3	11.3	11.7	7.7	10.7	9.3	8.9	10.4	11.2	9.5	10.5	9.9	10.1	9.0				
30.0															10.4	12.0	6.8	10.3	10.9	7.1	9.7	8.7	8.3	9.5	10.3	8.8	9.5	9.4	9.6	8.3				
32.0															9.4	10.3	6.5	9.4	10.3	6.5	8.8	8.1	7.7	8.6	9.5	8.1	8.6	8.8	8.7	7.6				
34.0															8.7	9.8	6.0	8.7	9.8	6.0	8.0	7.6	7.1	7.8	8.8	7.5	7.8	8.4	7.9	7.0				
36.0															7.9	9.2	5.6	7.9	9.2	5.6	7.3	7.2	6.6	7.1	8.2	6.9	7.1	7.9	7.3	6.5				
38.0																	6.7	6.7	6.8	6.2	6.5	6.4	6.5	7.6	6.4	6.5	7.4	6.6	6.0					
40.0																	6.2	6.2	6.5	5.8	5.9	5.9	7.1	6.0	6.0	6.0	6.9	6.1	5.4					
42.0																	5.4	5.4	6.5	5.6	5.6	5.6	5.4	6.5	5.5	5.5	6.4	5.6	5.0					
44.0																	5.0	5.0	5.9	5.2	5.2	5.2	5.0	5.9	5.2	5.0	6.0	5.1	4.6					
46.0																																		
48.0																																		
50.0																																		
52.0																																		
54.0																																		
56.0																																		
The maximum load without a pin	42.0	42.0	42.0	42.0	39.0	40.0	41.0	26.0	37.0	39.0	41.0	31.0	38.0	28.0	31.0	36.0	30.5	31.0	32.2	26.1	31.0	24.5	21.9	26.9	22.3	19.5	21.6	17.6	17.0	14.0				
θ (°)	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84		
Telescoping boom 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Telescoping boom 2	0	0	46	0	46	46	0	0	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	46	46	0	46	46	46	46	46	46	46	
Telescoping boom 3	0	0	0	0	0	0	0	0	0	0	0	46	46	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	
Telescoping boom 4	0	0	0	0	0	0	0	0	0	0	0	46	46	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	
Telescoping boom 5	0	0	0	0	0	0	0	0	0	0	0	46	46	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	
Standard hook	125 t x 2	125 t	125 t	125 t	125 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t		
The weight of the hooks	1200 kg x 2	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg		
Standard number of part lines	28	15	9	9	13	13	9	7	11	9	7	9	8	6	8	7	5	7	5	4	4	5	4	4	4	4	3	4	3	3	3	3		

Note: 50 t counterweight, 8.3 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.

Total Rated Loads

Performance B
6-stage type ESP boom

Unit: ton

Performance block	1		9		17.6		21.9		26.3		30.6		35.0		39.3		43.7		48.0		52.4		56.7		60.0		
	1	1	24	2	9	10	12	21.9	26.3	26.3	30.6	30.6	35.0	35.0	39.3	39.3	43.7	43.7	48.0	48.0	52.4	52.4	56.7	60.0	60.0	60.0	
Performance numbers	1	1	24	2	9	10	12	21.9	26.3	26.3	30.6	30.6	35.0	35.0	39.3	39.3	43.7	43.7	48.0	48.0	52.4	52.4	56.7	60.0	60.0		
Boom length (m)	* 13.2		17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6		
Working radius (m)	* *		17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6		
3.0	160.0	140.0	98.4	48.2	86.9	86.9	86.9	54.0	37.0	75.0	52.9	40.5															
3.5	149.8	129.0	98.4	45.4	86.9	86.9	51.2	34.4	75.0	52.9	38.5	62.5	49.6	33.7													
4.0	132.8	119.2	98.4	43.0	86.9	86.9	48.7	32.2	75.0	52.9	36.3	62.5	49.6	31.8													
4.5	121.3	110.4	98.4	40.8	86.9	86.9	46.4	30.2	75.0	51.1	33.9	62.5	49.6	30.1	55.1	45.1	30.5										
5.0	109.2	100.3	98.4	38.8	86.9	86.9	44.4	28.4	75.0	49.0	31.8	62.5	49.6	28.5	55.1	45.1	29.1										
6.0	90.7	90.1	89.8	35.4	86.9	82.1	40.8	25.4	75.0	45.3	28.3	56.5	49.3	25.1	53.5	45.1	26.6	41.4	32.2	26.1	33.4	24.5	21.9				
7.0	77.4	77.0	77.2	32.6	76.6	74.2	36.9	22.9	75.0	42.1	25.5	50.1	46.0	22.5	48.5	45.1	24.5	41.4	32.1	24.5	33.4	24.5	21.9	26.9	22.3		
8.0	67.2	67.0	67.1	30.2	66.5	67.6	33.7	20.9	75.0	39.1	23.1	44.9	43.2	20.3	43.5	45.1	22.7	41.4	30.1	22.7	33.4	24.3	21.9	26.9	22.3		
9.0	59.3	59.3	59.1	28.1	58.6	59.7	30.9	19.2	75.0	36.0	21.1	40.6	40.7	18.5	39.3	43.6	21.0	38.4	28.3	21.0	33.4	22.9	21.6	26.9	22.3		
10.0	50.6	50.6	52.7	26.4	52.2	53.3	28.6	17.7	75.0	33.4	19.4	36.9	37.9	16.9	35.8	41.6	19.3	35.1	26.7	19.6	32.3	21.6	20.2	26.9	22.3		
11.0			46.9	24.9	46.2	47.7	26.6	16.5	75.0	31.2	18.0	33.8	35.4	15.6	32.7	39.4	17.8	32.2	25.3	18.4	30.3	20.4	19.0	26.0	21.6		
12.0			40.4	23.6	39.7	41.2	24.8	15.4	75.0	29.2	16.7	31.1	33.2	14.4	30.1	37.0	16.6	29.6	24.0	17.2	28.3	19.3	17.9	25.1	21.0		
14.0			31.2	21.6	30.5	31.9	21.9	13.5	75.0	25.9	14.7	26.6	29.6	12.5	25.8	33.0	14.5	25.4	21.4	15.2	24.6	17.5	16.1	22.9	19.1		
16.0							19.7	12.1	75.0	23.3	13.0	23.3	26.6	11.0	22.4	26.8	12.8	22.1	19.2	13.6	21.3	16.0	14.5	20.9	17.4		
18.0							19.8	11.0	75.0	20.4	11.7	19.8	22.9	9.8	19.6	22.2	11.4	19.4	17.3	12.3	18.7	14.4	13.2	18.3	16.0		
20.0									75.0	17.0	19.4	10.6	16.4	9.4	18.8	17.2	10.3	17.2	15.8	11.2	16.5	13.0	12.1	16.2	14.8		
22.0										14.2	17.0	9.7	13.6	16.6	14.4	16.0	9.4	15.3	14.5	10.3	14.7	11.9	11.1	14.4	13.8		
24.0													9.8	14.4	12.2	13.7	8.6	13.0	13.4	9.3	13.0	10.9	10.3	12.9	12.9		
26.0													8.5	12.5	6.7	10.3	11.8	7.3	11.2	12.5	8.5	11.1	10.1	11.4	12.0		
28.0																8.8	10.3	7.9	9.6	10.9	7.7	9.6	9.3	9.8	10.7		
30.0																7.5	9.0	6.8	8.3	9.6	7.1	8.3	8.7	8.5	9.4		
32.0																		7.2	8.5	6.5	7.1	8.1	7.7	7.3	8.2		
34.0																		6.2	7.5	6.0	6.2	7.6	7.1	6.4	7.3		
36.0																		5.3	6.6	5.6	5.6	7.0	6.6	5.5	6.4		
38.0																						4.6	6.2	4.8	5.6		
40.0																						3.9	5.5	4.1	5.0		
42.0																								3.5	4.4		
44.0																								3.0	3.8		
46.0																											
48.0																											
50.0																											
52.0																											
54.0																											
56.0																											
The maximum load without a pin	42.0	42.0	42.0	42.0	39.0	40.0	41.0	26.0	0-84	37.0	39.0	41.0	31.0	38.0	28.0	31.0	36.0	30.5	31.0	32.2	26.1	31.0	24.5	21.9	26.9		
θ (°)	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84		
Telescoping boom 1	0	0	0	0	46	0	0	0	0	46	0	0	93	0	0	93	46	0	93	46	0	93	46	0	93		
Telescoping boom 2	0	0	46	0	46	46	0	0	0	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	46		
Telescoping boom 3	0	0	0	0	0	46	0	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93		
Telescoping boom 4	0	0	0	0	0	0	46	0	0	0	46	46	93	0	46	93	46	93	46	93	46	93	46	93	93		
Telescoping boom 5	0	0	0	0	0	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	46	93	46	93	93		
Standard hook	125 t x 2	125 t	125 t	125 t	125 t	125 t	125 t	63 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	63 t	63 t	63 t	63 t	63 t	63 t	63 t		
The weight of the hooks	1200 kg x 2	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	600 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg		
Standard number of part lines	28	15	9	13	13	11	9	7	7	11	9	7	9	8	6	8	7	5	7	5	4	5	4	4	4		
Note:	36 t counterweight, 8.3 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.																										

Total Rated Loads

Performance G
6-stage type ESP boom

Performance block	Unit: ton																															
	1	1	9	1	9	10	2	1	10	2	1	11	2	1	2	1	2	3	1	5	4	1	6	7	1	7	1	1	1	8		
Performance numbers	1	1	24	2	17.6	17.6	21.9	21.9	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0		
Boom length (m)	* 13.2																															
Working radius (m)	* *																															
3.0	160.0	140.0	98.4	48.2	86.9	86.9	54.0	37.0	75.0	52.9	40.5																					
3.5	149.8	129.0	98.4	45.4	86.9	86.9	51.2	34.4	75.0	52.9	38.5	62.5	49.6	33.7																		
4.0	132.8	119.2	98.4	43.0	86.9	86.9	48.7	32.2	75.0	52.9	36.3	62.5	49.6	31.8																		
4.5	121.3	110.4	98.4	40.8	86.9	86.9	46.4	30.2	75.0	51.1	33.9	62.5	49.6	30.1	55.1	45.1	30.5															
5.0	109.2	100.3	98.4	38.8	86.9	86.9	44.4	28.4	75.0	49.0	31.8	62.5	49.6	28.5	55.1	45.1	29.1															
6.0	90.7	87.7	87.9	35.4	86.9	82.1	40.8	25.4	75.0	45.3	28.3	56.5	49.3	25.1	53.5	45.1	26.6	41.4	32.2	26.1	33.4	24.5	21.9									
7.0	77.4	75.7	75.8	32.6	75.3	74.2	36.9	22.9	75.0	42.1	25.5	50.1	46.0	22.5	48.5	45.1	24.5	41.4	32.1	24.5	33.4	24.5	21.9	26.9	22.3	19.5						
8.0	67.2	66.2	66.3	30.2	65.7	67.0	33.7	20.9	66.4	39.1	23.1	44.9	43.2	20.3	43.5	45.1	22.7	41.4	30.1	22.7	33.4	24.3	21.9	26.9	22.3	19.5	21.6	17.6				
9.0	59.3	55.9	55.8	28.1	55.1	56.8	30.9	19.2	56.0	36.0	21.1	40.6	40.7	18.5	39.3	43.6	21.0	38.4	28.3	21.0	33.4	22.9	21.6	26.9	22.3	19.5	21.6	17.6	17.0			
10.0	50.6	46.2	46.0	26.4	45.3	46.9	28.6	17.7	46.2	33.4	19.4	36.9	37.9	16.9	35.8	41.6	19.3	35.1	26.7	19.6	32.3	21.6	20.2	26.9	22.3	19.5	21.6	17.6	17.0	14.0		
11.0			38.8	24.9	38.2	39.7	26.6	16.5	39.0	31.2	18.0	33.8	35.4	15.6	32.7	39.4	17.8	32.2	25.3	18.4	30.3	20.4	19.0	26.0	21.6	18.8	21.2	17.6	17.0	14.0		
12.0			33.4	23.6	32.7	34.1	24.8	15.4	33.5	29.2	16.7	31.1	33.2	14.4	30.1	35.6	16.6	29.6	24.0	17.2	28.3	19.3	17.9	25.1	21.0	18.1	20.9	17.6	17.0	14.0		
14.0			25.6	21.6	24.9	26.3	21.9	13.5	25.6	25.9	14.7	25.0	28.3	12.5	25.8	27.6	14.5	25.4	21.4	15.2	24.6	17.5	16.1	22.9	19.1	16.4	19.2	16.6	16.4	14.0		
16.0					19.6	20.9	19.7	12.1	20.3	23.1	13.0	19.7	22.8	11.0	20.5	22.1	12.8	21.4	19.2	13.6	21.3	16.0	14.5	20.9	17.4	14.9	17.6	15.2	15.1	14.0		
18.0					15.9	17.1	17.9	11.0	16.4	19.2	11.7	15.8	18.9	9.8	16.6	18.2	11.4	17.4	17.3	12.3	17.5	14.4	13.2	17.8	16.0	13.7	16.3	14.0	14.0	13.0		
20.0									13.6	16.2	10.6	13.0	15.9	8.8	13.7	15.2	10.3	14.5	15.8	11.2	14.6	13.0	12.1	14.8	14.8	12.6	15.1	13.0	13.0	12.2		
22.0									11.3	13.9	9.7	10.7	13.5	7.9	11.4	12.9	9.4	12.2	13.6	10.3	12.2	11.9	11.1	12.5	13.3	11.7	12.9	12.1	12.2	11.4		
24.0												7.4	11.7	7.2	9.6	11.0	8.6	10.3	11.7	9.3	10.4	10.9	10.3	10.6	11.4	10.8	11.0	11.3	11.4	10.7		
26.0												6.3	10.2	6.7	8.1	9.5	7.9	8.8	10.1	8.5	8.8	10.1	9.6	9.1	9.9	10.1	9.5	10.4	9.9	9.9		
28.0																	6.8	8.2	7.3	7.5	8.8	7.7	7.6	9.1	8.9	8.6	9.4	8.2	9.1	8.6	8.6	
30.0																	5.8	7.2	6.8	6.5	7.7	7.1	6.5	8.0	8.3	6.7	7.5	8.3	7.1	7.9	7.5	
32.0																			5.6	6.8	6.5	5.5	7.1	7.7	5.8	6.5	7.3	6.1	7.0	6.5	6.5	
34.0																			4.8	6.0	6.0	4.8	6.3	6.9	4.9	5.7	6.5	5.3	6.2	5.7	5.7	
36.0																			4.2	5.3	5.6	4.1	5.6	6.1	4.2	5.0	5.8	4.6	5.4	5.0	5.0	
38.0																						3.5	5.0	5.5	3.6	4.4	5.2	4.0	4.8	4.3	4.3	
40.0																						2.9	4.4	5.0	3.1	3.8	4.6	3.4	4.2	3.8	3.8	
42.0																								2.5	3.4	4.1	2.9	3.7	3.3	3.3	3.3	
44.0																								2.0	3.0	3.7	2.4	3.3	2.8	2.8	2.8	
46.0																											1.9	2.9	2.4	2.4	2.4	
48.0																												1.5	2.6	1.9	1.9	
50.0																													1.6	1.5		
52.0																																
The maximum load without a pin	42.0	42.0	42.0	42.0	39.0	40.0	41.0	26.0	37.0	39.0	41.0	31.0	38.0	28.0	31.0	36.0	30.5	31.0	32.2	26.1	31.0	24.5	21.9	26.9	22.3	19.5	21.6	17.6	17.0	14.0		
θ (°)	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	18-84		
Telescoping boom 1	0	0	0	0	46	0	0	0	46	0	0	93	0	0	93	46	0	93	46	0	93	46	0	93	46	0	93	46	93	100		
Telescoping boom 2	0	0	46	0	46	46	0	0	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	46	46	0	46	46	93	100		
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	46	46	0	46	46	0	46	46	93	100		
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	0	46	46	0	46	46	0	46	46	0	46	46	93	100		
Telescoping boom 5	0	0	0	0	0	0	0	46	93	0	46	93	0	46	93	0	46	93	0	46	93	0	46	93	0	46	93	46	93	100		
Standard hook	125 t	x 2	125 t	125 t	125 t	125 t	125 t	63 t	63 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	63 t	125 t	63 t	63 t	63 t	63 t	63 t	63 t	63 t	63 t	63 t	63 t		
The weight of the hooks	1200 kg	x 2	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	600 kg	600 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	600 kg	1200 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg		
Standard number of part lines	28	15	9	9	13	13	9	7	11	9	7	9	8	6	8	7	5	7	5	4	4	4	4	4	4	4	3	3	3	3		

Note: 36 t counterweight, 7.0 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.

Total Rated Loads

Performance I

6-stage type ESP boom

Unit: ton

Performance block	1		9		10		26		27		28		30.6		35.0		39.3		43.7		48.0		52.4		56.7		60.0								
	1	1	2	3	1	2	1	5	29	11	2	1	6	15	35.0	35.0	16	17	7	19	18	8	1	6	20	21	9	1	7	1	1	8			
Performance numbers	* 13.2																																		
Boom length (m)	* *		17.6		21.9		26.3		26.3		30.6		30.6		35.0		39.3		43.7		48.0		52.4		56.7		60.0								
Working radius (m)	* *		17.6		21.9		26.3		26.3		30.6		30.6		35.0		39.3		43.7		48.0		52.4		56.7		60.0								
3.0	160.0	140.0	98.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9			
3.5	138.5	126.2	98.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9			
4.0	121.6	113.3	98.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9		
4.5	108.2	102.4	98.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9		
5.0	97.3	93.0	93.3	88.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9		
6.0	80.8	77.4	77.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4		
7.0	68.8	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2		
8.0	52.7	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6		
9.0	41.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0		
10.0	33.9	25.1	25.0	26.4	24.3	25.9	28.6	17.7	25.2	28.8	19.4	24.5	28.4	16.9	25.5	27.5	19.3	26.6	26.7	19.6	26.8	21.6	20.2	26.9	22.3	26.9	22.3	19.5	21.6	17.6	17.0	14.0			
11.0			20.6	23.0	19.9	21.4	24.0	16.5	20.8	24.1	18.0	20.1	23.8	15.6	21.1	23.0	17.8	22.1	23.9	18.4	22.2	20.4	19.0	22.6	21.6	18.8	21.2	17.6	17.0	14.0	14.0	14.0			
12.0			17.3	19.5	16.6	18.0	20.5	15.4	17.4	20.6	16.7	16.7	20.3	14.4	17.7	19.5	16.6	18.7	20.4	17.2	18.8	19.3	17.9	19.1	20.2	18.1	19.7	17.6	17.0	14.0	14.0	14.0			
14.0			12.6	14.6	11.9	13.2	15.5	13.5	12.6	15.6	14.7	12.0	15.3	12.5	12.8	14.5	14.5	13.8	15.4	15.2	13.9	15.8	16.1	14.2	15.1	16.2	14.7	15.8	15.2	14.0	14.0	14.0			
16.0					8.7	10.0	12.1	12.1	9.3	12.2	13.0	8.7	11.9	11.0	9.6	11.2	12.8	10.4	12.0	13.2	10.5	12.4	13.1	10.8	11.7	12.7	11.3	12.3	11.8	11.8	11.8	11.8			
18.0					6.4	7.7	9.7	9.8	7.0	9.7	10.5	6.4	9.4	9.8	7.2	8.7	10.8	8.0	9.5	10.7	8.1	9.9	10.6	8.4	9.3	10.2	8.8	9.8	9.3	9.3	9.3	9.3			
20.0									5.3	7.9	8.6	4.7	7.6	8.8	5.4	6.9	8.9	6.2	7.6	8.8	6.3	8.0	8.7	6.5	7.4	8.3	7.0	7.9	7.4	7.4	7.4	7.4	7.4		
22.0									3.9	6.5	7.2	3.3	6.1	7.3	4.0	5.5	7.4	4.8	6.2	7.3	4.8	6.5	7.2	5.1	5.9	6.8	5.5	6.4	5.9	5.9	5.9	5.9	5.9		
24.0												1.4	5.0	6.1	2.9	4.3	6.2	3.6	5.0	6.1	3.7	5.3	6.0	3.9	4.8	5.6	4.4	5.3	4.8	4.8	4.8	4.8	4.8		
26.0													4.1	5.2	2.0	3.4	5.2	2.7	4.0	5.1	2.7	4.4	5.0	3.0	3.8	4.6	3.4	4.3	3.8	3.8	3.8	3.8	3.8		
28.0															1.3	2.6	4.4	1.9	3.2	4.3	2.0	3.6	4.2	2.2	3.0	3.8	2.6	3.5	3.0	3.0	3.0	3.0	3.0		
30.0																2.0	3.8	1.3	2.6	3.6	1.3	2.9	3.5	1.5	2.3	3.1	1.9	2.8	2.3	2.3	2.3	2.3	2.3		
32.0																		2.0	3.0			2.3	2.9		1.7	2.5	1.3	2.2	1.7	1.7	1.7	1.7	1.7		
34.0																		1.5	2.5			1.8	2.4		1.2	2.0									
36.0																		1.1	2.1			1.4	1.9		1.2	1.6									
38.0																						1.0	1.5			1.2									
40.0																							1.2												
The maximum load without a pin	42.0	42.0	42.0	39.0	40.0	41.0	26.0	37.0	39.0	41.0	31.0	38.0	28.0	31.0	36.0	30.5	31.0	32.2	26.1	31.0	32.2	26.1	31.0	26.9	22.3	19.5	21.6	17.6	17.0	14.0	14.0	14.0	14.0		
θ (°)	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	48-84	37-84	0-84	50-84	40-84	51-84	54-84	54-84	54-84			

Telescoping condition (telescoping rate %)

Telescoping boom 1	0		46		0		46		0		46		0		93		46		0		93		46		0		93		46		93		100	
	1	1	2	3	1	2	1	5	29	11	2	1	6	15	35.0	35.0	16	17	7	19	18	8	1	6	20	21	9	1	7	1	1	8		
Telescoping boom 2	0	0	46	0	46	0	46	0	46	0	46	46	0	46	46	0	46	46	0	46	46	0	46	46	46	46	46	46	46	46	46	46	46	
Telescoping boom 3	0	0	0	0	46	0	46	0	46	46	0	46	46	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	
Telescoping boom 4	0	0	0	0	0	0	46	0	46	46	0	46	46	93	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	
Telescoping boom 5	0	0	0	0	0	0	0	46	93	0	46	93	0	46	93	0	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	
Standard hook	125 t x 2	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t	125 t		
The weight of the hooks	1200 kg x 2	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg		
Standard number of part lines	28	15	9	13	13	9	7	11	9	7	9	8	6	8	7	5	7	5	7	5	4	4	4	4	4	4	4	4	4	4	4	4		

Note: 12 t counterweight, 7.0 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.

Total Rated Loads

Performance J

6-stage type ESP boom

Unit: ton

Performance block	Performance numbers												Telescoping condition (telescoping rate %)												
	1	1	1	9	1	9	10	2	1	10	2	1	10	2	1	10	2	1	11	2	1	2	3	1	4
Boom length (m)	150.0	135.3	98.4	48.2	86.9	86.9	54.0	37.0	21.9	21.9	26.3	26.3	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	39.3	39.3	39.3	43.7	43.7
Working radius (m)	* 13.2		17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
3.0	150.0	135.3	98.4	48.2	86.9	86.9	54.0	37.0	21.9	21.9	26.3	26.3	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	39.3	39.3	39.3	43.7	43.7
3.5	129.4	119.9	98.4	45.4	86.9	86.9	51.2	34.4	21.9	21.9	26.3	26.3	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	39.3	39.3	39.3	43.7	43.7
4.0	113.6	107.1	98.4	43.0	86.9	86.9	48.7	32.2	21.9	21.9	26.3	26.3	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	39.3	39.3	39.3	43.7	43.7
4.5	101.0	96.4	96.6	40.8	86.9	86.9	46.4	30.2	21.9	21.9	26.3	26.3	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	39.3	39.3	39.3	43.7	43.7
5.0	90.9	87.2	87.4	38.8	86.9	86.9	44.4	28.4	21.9	21.9	26.3	26.3	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	39.3	39.3	39.3	43.7	43.7
6.0	72.9	50.3	50.6	35.4	49.5	52.2	40.8	25.4	21.9	21.9	26.3	26.3	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	39.3	39.3	39.3	43.7	43.7
7.0	49.9	33.7	33.8	32.6	32.9	35.1	36.9	22.9	21.9	21.9	26.3	26.3	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	39.3	39.3	39.3	43.7	43.7
8.0	36.1	24.4	24.5	27.6	23.7	25.6	28.9	20.9	21.9	21.9	26.3	26.3	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	39.3	39.3	39.3	43.7	43.7
9.0	27.1	18.6	18.6	21.4	17.9	19.6	22.5	18.8	22.7	21.1	18.1	22.4	18.5	19.2	21.4	21.0	20.4	22.5	21.0	22.9	21.6	22.9	21.6	22.9	21.6
10.0	21.3	14.6	14.5	17.1	13.8	15.4	18.1	17.7	14.7	18.3	19.4	14.0	18.0	16.9	15.1	17.1	19.3	16.2	18.1	19.6	18.6	19.6	18.6	19.6	18.6
11.0				11.5	13.9	10.9	12.4	14.9	15.2	11.7	15.1	16.1	11.0	14.8	15.6	12.0	13.9	16.5	13.1	14.9	16.3	15.4	16.3	15.4	16.3
12.0				9.3	11.5	8.6	10.1	12.5	12.7	9.4	12.6	13.6	8.8	12.3	13.8	9.7	11.5	14.0	10.7	12.4	13.8	12.9	13.7	12.9	13.7
14.0				6.1	8.1	5.4	6.7	9.0	9.2	6.1	9.1	10.0	5.5	8.8	10.2	6.4	8.1	10.3	7.3	8.9	10.2	9.3	10.1	9.3	10.1
16.0						3.2	4.5	6.6	6.8	3.9	6.7	7.6	3.3	6.4	7.7	4.1	5.7	7.9	5.0	6.5	7.7	6.9	7.7	6.9	7.7
18.0						1.7	3.0	5.0	5.1	2.3	5.0	5.8	1.7	4.7	6.0	2.5	4.0	6.1	3.3	4.8	6.0	5.2	5.9	5.2	5.9
20.0										1.1	3.8	4.5		3.4	4.6	1.3	2.8	4.8	2.1	3.5	4.6	3.9	4.5	3.9	4.5
22.0											2.8	3.5		2.5	3.6		1.8	3.7	1.1	2.5	3.6	2.8	3.5	2.8	3.5
24.0														1.7	2.8		1.0	2.9		1.7	2.7	2.0	2.7	2.0	2.7
26.0														1.0	2.1			2.2		1.0	2.1	1.3	2.0	1.3	2.0
28.0																		1.7			1.5		1.4		1.4
30.0																					1.2		1.0		1.0
The maximum load without a pin	42.0	42.0	42.0	42.0	39.0	40.0	41.0	26.0	37.0	39.0	41.0	31.0	38.0	28.0	31.0	36.0	30.5	31.0	32.2	26.1	24.5	21.9	24.5	21.9	24.5
θ (°)	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	27-84	0-84	0-84	49-84	7-84	0-84	52-84	41-84	0-84	53-84	42-84	30-84	48-84	41-84	41-84	41-84	41-84
Telescoping boom 1	0	0	0	0	46	0	0	0	46	0	0	93	0	0	0	93	46	0	46	0	46	0	46	0	46
Telescoping boom 2	0	0	46	0	46	46	0	0	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	46	46
Telescoping boom 3	0	0	0	0	0	46	0	0	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	46	46
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	46
Telescoping boom 5	0	0	0	0	0	0	0	46	93	0	46	93	0	46	93	0	46	93	0	46	93	0	46	93	93
Standard hook	125 t x 2	125 t x 2	125 t	125 t	125 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	125 t	125 t	63 t	63 t	63 t
The weight of the hooks	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	600 kg	600 kg
Standard number of part lines	28		15	9	13	13	9	7	11	9	7	9	8	6	8	7	5	7	5	4	4	4	4	4	4

Note: 0 t counterweight, 7.0 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.

Total Rated Loads

Performance K
6-stage type ESP boom

Performance block	1		9		17		25		33		41		49		57		65		73		81		89		97		105		113		121		129		137		145		153		161		169		177		185		193		201		209		217		225		233		241		249		257		265		273		281		289		297		305		313		321		329		337		345		353		361		369		377		385		393		401		409		417		425		433		441		449		457		465		473		481		489		497		505		513		521		529		537		545		553		561		569		577		585		593		601		609		617		625		633		641		649		657		665		673		681		689		697		705		713		721		729		737		745		753		761		769		777		785		793		801		809		817		825		833		841		849		857		865		873		881		889		897		905		913		921		929		937		945		953		961		969		977		985		993		1001		1009		1017		1025		1033		1041		1049		1057		1065		1073		1081		1089		1097		1105		1113		1121		1129		1137		1145		1153		1161		1169		1177		1185		1193		1201		1209		1217		1225		1233		1241		1249		1257		1265		1273		1281		1289		1297		1305		1313		1321		1329		1337		1345		1353		1361		1369		1377		1385		1393		1401		1409		1417		1425		1433		1441		1449		1457		1465		1473		1481		1489		1497		1505		1513		1521		1529		1537		1545		1553		1561		1569		1577		1585		1593		1601		1609		1617		1625		1633		1641		1649		1657		1665		1673		1681		1689		1697		1705		1713		1721		1729		1737		1745		1753		1761		1769		1777		1785		1793		1801		1809		1817		1825		1833		1841		1849		1857		1865		1873		1881		1889		1897		1905		1913		1921		1929		1937		1945		1953		1961		1969		1977		1985		1993		2001		2009		2017		2025		2033		2041		2049		2057		2065		2073		2081		2089		2097		2105		2113		2121		2129		2137		2145		2153		2161		2169		2177		2185		2193		2201		2209		2217		2225		2233		2241		2249		2257		2265		2273		2281		2289		2297		2305		2313		2321		2329		2337		2345		2353		2361		2369		2377		2385		2393		2401		2409		2417		2425		2433		2441		2449		2457		2465		2473		2481		2489		2497		2505		2513		2521		2529		2537		2545		2553		2561		2569		2577		2585		2593		2601		2609		2617		2625		2633		2641		2649		2657		2665		2673		2681		2689		2697		2705		2713		2721		2729		2737		2745		2753		2761		2769		2777		2785		2793		2801		2809		2817		2825		2833		2841		2849		2857		2865		2873		2881		2889		2897		2905		2913		2921		2929		2937		2945		2953		2961		2969		2977		2985		2993		3001		3009		3017		3025		3033		3041		3049		3057		3065		3073		3081		3089		3097		3105		3113		3121		3129		3137		3145		3153		3161		3169		3177		3185		3193		3201		3209		3217		3225		3233		3241		3249		3257		3265		3273		3281		3289		3297		3305		3313		3321		3329		3337		3345		3353		3361		3369		3377		3385		3393		3401		3409		3417		3425		3433		3441		3449		3457		3465		3473		3481		3489		3497		3505		3513		3521		3529		3537		3545		3553		3561		3569		3577		3585		3593		3601		3609		3617		3625		3633		3641		3649		3657		3665		3673		3681		3689		3697		3705		3713		3721		3729		3737		3745		3753		3761		3769		3777		3785		3793		3801		3809		3817		3825		3833		3841		3849		3857		3865		3873		3881		3889		3897		3905		3913		3921		3929		3937		3945		3953		3961		3969		3977		3985		3993		4001		4009		4017		4025		4033		4041		4049		4057		4065		4073		4081		4089		4097		4105		4113		4121		4129		4137		4145		4153		4161		4169		4177		4185		4193		4201		4209		4217		4225		4233		4241		4249		4257		4265		4273		4281		4289		4297		4305		4313		4321		4329		4337		4345		4353		4361		4369		4377		4385		4393		4401		4409		4417		4425		4433		4441		4449		4457		4465		4473		4481		4489		4497		4505		4513		4521		4529		4537		4545		4553		4561		4569		4577		4585		4593		4601		4609		4617		4625		4633		4641		4649		4657		4665		4673		4681		4689		4697		4705		4713		4721		4729		4737		4745		4753		4761		4769		4777		4785		4793		4801		4809		4817		4825		4833		4841		4849		4857		4865		4873		4881		4889		4897		4905		4913		4921		4929		4937		4945		4953		4961		4969		4977		4985		4993		5001		5009		5017		5025		5033		5041		5049		5057		5065		5073		5081		5089		5097		5105		5113		5121		5129		5137		5145		5153		5161		5169		5177		5185		5193		5201		5209		5217		5225		5233		5241		5249		5257		5265		5273		5281		5289		5297		5305		5313		5321		5329		5337		5345		5353		5361		5369		5377		5385		5393		5401		5409		5417		5425		5433		5441		5449		5457		5465		5473		5481		5489		5497		5505		5513		5521		5529		5537		5545		5553		5561		5569		5577		5585		5593		5601		5609		5617		5625		5633		5641		5649		5657		5665		5673		5681		5689		5697		5705		5713		5721		5729		5737		5745		5753		5761		5769		5777		5785		5793		5801		5809		5817		5825		5833		5841		5849		5857		5865		5873		5881		5889		5897		5905		5913		5921		5929		5937		5945		5953		5961		5969		5977		5985		5993		6001		6009		6017		6025		6033		6041		6049		6057		6065		6073		6081		6089		6097		6105		6113		6121		6129		6137		6145		6153		6161		6169		6177		6185		6193		6201		6209		6217		6225		6233		6241		6249		6257		6265		6273		6281		6289		6297		6305		6313		6321		6329		6337		6345		6353		6361		6369		6377		6385		6393		6401		6409		6417		6425		6433		6441		6449		6457		6465		6473		6481		6489		6497		6505		6513		6521		6529		6537		6545		6553		6561		6569		6577		6585		6593		6601		6609		6617		6625		6633		6641		6649		6657		6665		6673		6681		6689		6697		6705		6713		6721		6729		6737		6745		6753		6761		6769		6777		6785		6793		6801		6809		6817		6825		6833		6841		6849		6857		6865		6873		6881		6889		6897		6905		6913		6921		6929		6937		6945		6953		6961		6969		6977		6985		6993		7001		7009		7017		7025		7033		7041		7049		7057		7065		7073		7081		7089		7097		7105		7113		7121		7129		7137		7145		7153		7161		7169		7177		7185		7193		7201		7209		7217		7225		7233		7241		7249		7257		7265		7273		7281		7289		7297		7305		7313		7321		7329		7337		7345		7353		7361		7369		7377		7385		7393		7401		7409		7417		7425		7433		7441		7449		7457		7465		7473		7481		7489		7497		7505		7513		7521		7529		7537		7545		7553		7561	
-------------------	---	--	---	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--

Total Rated Loads

Performance N

6-stage type ESP boom

Performance block	Unit: ton									
	1	2	3	4	5	6	7	8	9	10
Performance numbers	1	2	3	4	5	6	7	8	9	10
Boom length (m)	17.6	21.9	26.3	30.7	35.1	39.5	43.9	48.3	52.7	57.1
Working radius (m)	17.6	21.9	26.3	30.7	35.1	39.5	43.9	48.3	52.7	57.1
3.0	89.4	75.2	62.3	52.9	40.5					
3.5	66.9	55.2	49.4	45.8	38.5					
4.0	52.2	44.4	40.4	36.3	31.8					
4.5	49.0	40.8	39.1	39.0	33.9					
5.0	40.0	35.5	33.1	33.7	31.8					
6.0	29.0	26.0	25.4	26.0	27.2					
7.0	20.6	19.8	22.7	22.4	22.0					
8.0	15.1	15.2	17.8	18.1	18.2					
9.0	11.5	11.5	13.9	14.9	15.1					
10.0	8.9	8.8	11.0	12.0	12.3					
11.0		6.7	8.9	10.0	10.5					
12.0		5.2	7.2	8.1	8.3					
14.0		2.9	4.8	5.6	5.8					
16.0			1.9	3.9	4.1					
18.0				2.7	2.8					
20.0										
22.0										
The maximum load without a pin	42.0	42.0	39.0	40.0	41.0	26.0	37.0	39.0	41.0	28.0
θ (°)	0-84	0-84	34-84	22-84	0-84	0-84	48-84	0-84	0-84	17-84
Telescoping condition (telescoping rate %)										
Telescoping boom 1	0	0	46	0	0	0	46	0	0	0
Telescoping boom 2	0	46	0	46	0	0	46	0	0	0
Telescoping boom 3	0	0	0	46	0	0	46	0	0	0
Telescoping boom 4	0	0	0	0	46	0	0	46	46	93
Telescoping boom 5	0	0	46	0	0	46	93	0	46	93
Standard hook	125 t	125 t	125 t	125 t	125 t	63 t	125 t	125 t	125 t	63 t
The weight of the hooks	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	1200 kg	600 kg
Standard number of part lines	28	15	9	13	9	7	11	9	7	6

Note: 0 t counterweight, 5.6 m outrigger extension width. * Indicates the value with attachment.

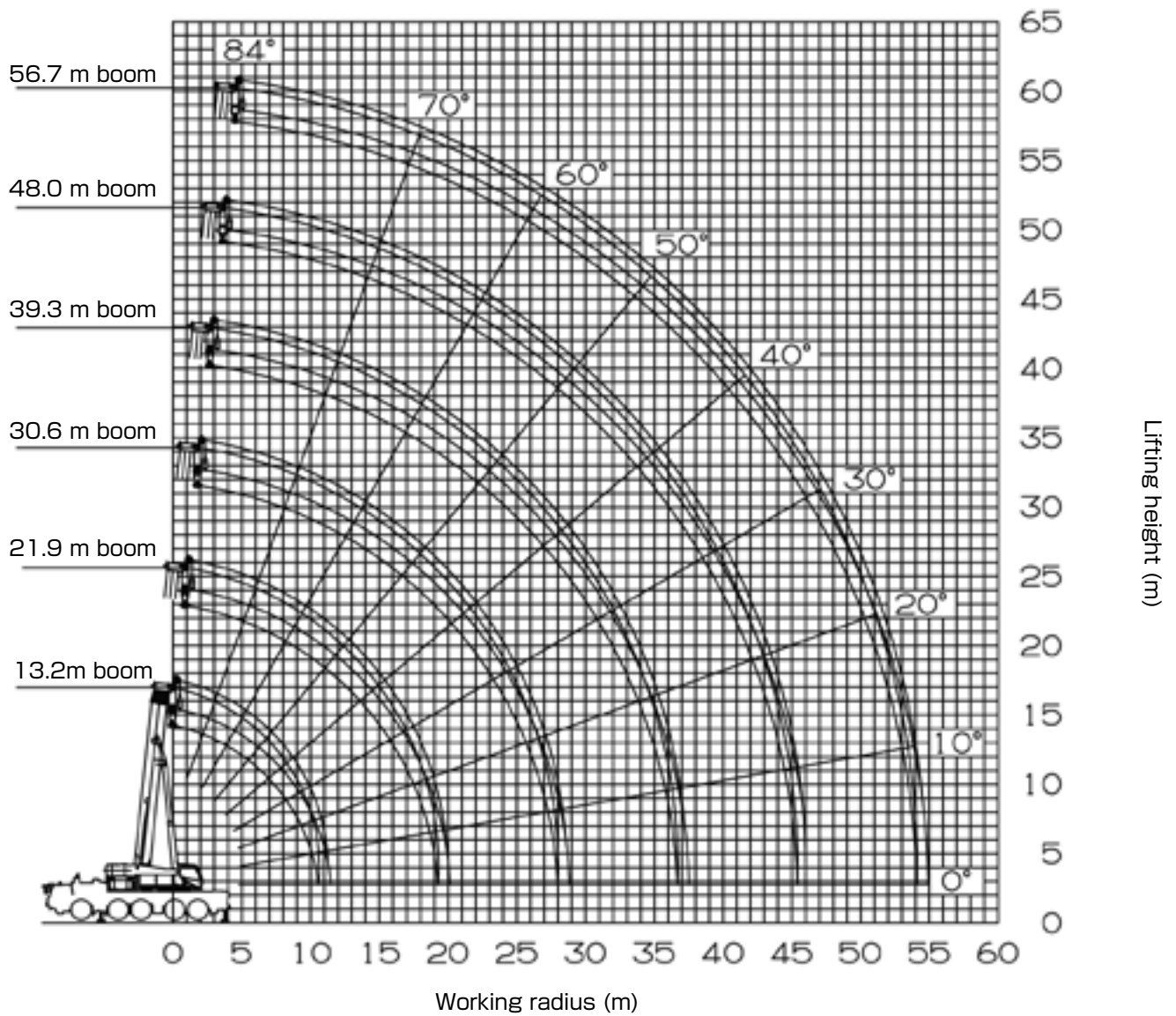
Total Rated Loads

Performance O
6-stage type ESP boom

Performance block	Performance numbers												10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
	1	2	3	4	5	6	7	8	9	10	11	12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

3. Working Radius - Lifting Height

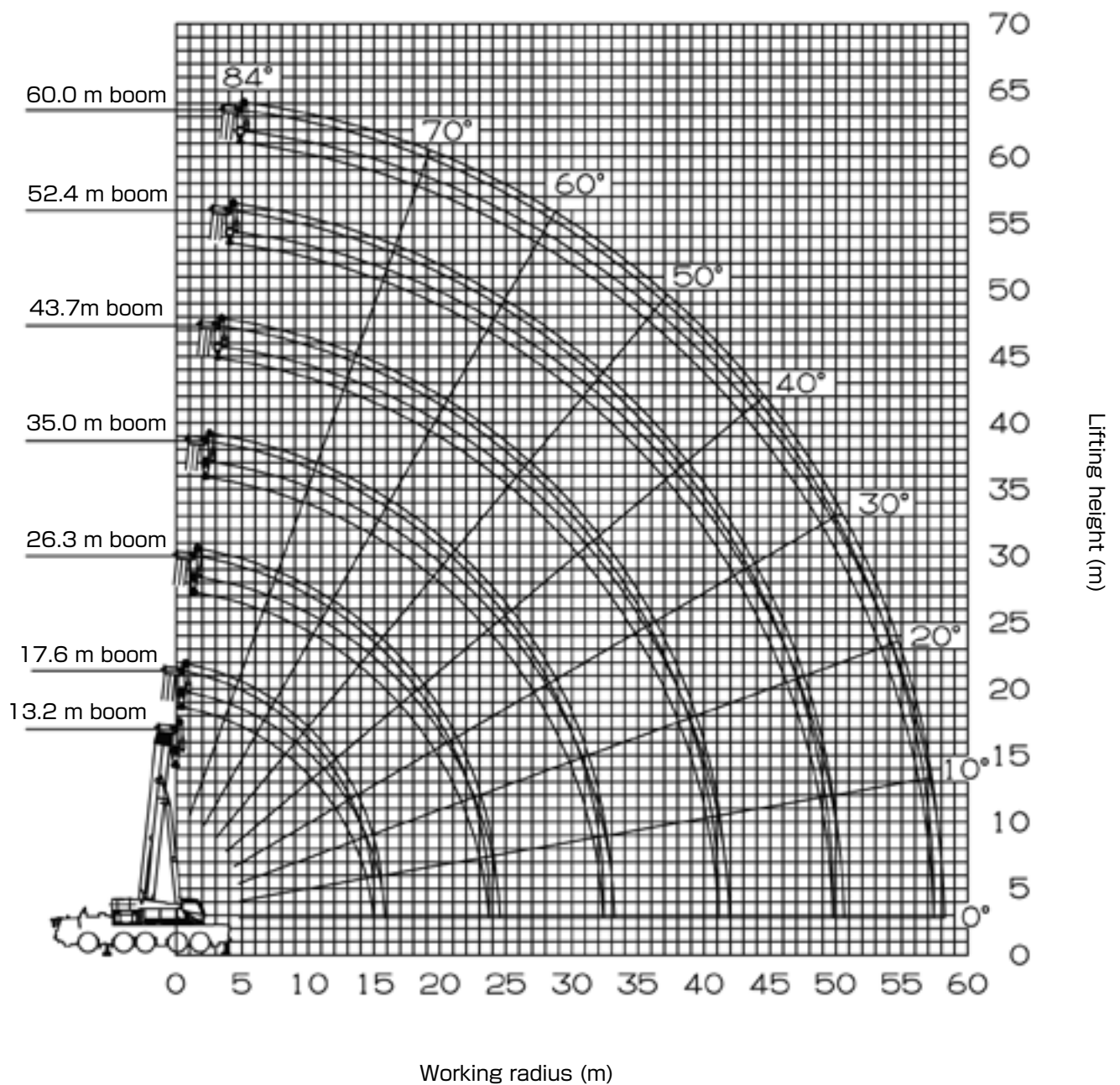
56.7 m boom



Note:

1. The deflection of the boom is not incorporated in the figure above.
2. The above figure is the maximum load radius for Performances A, B, and F.

60.0 m boom

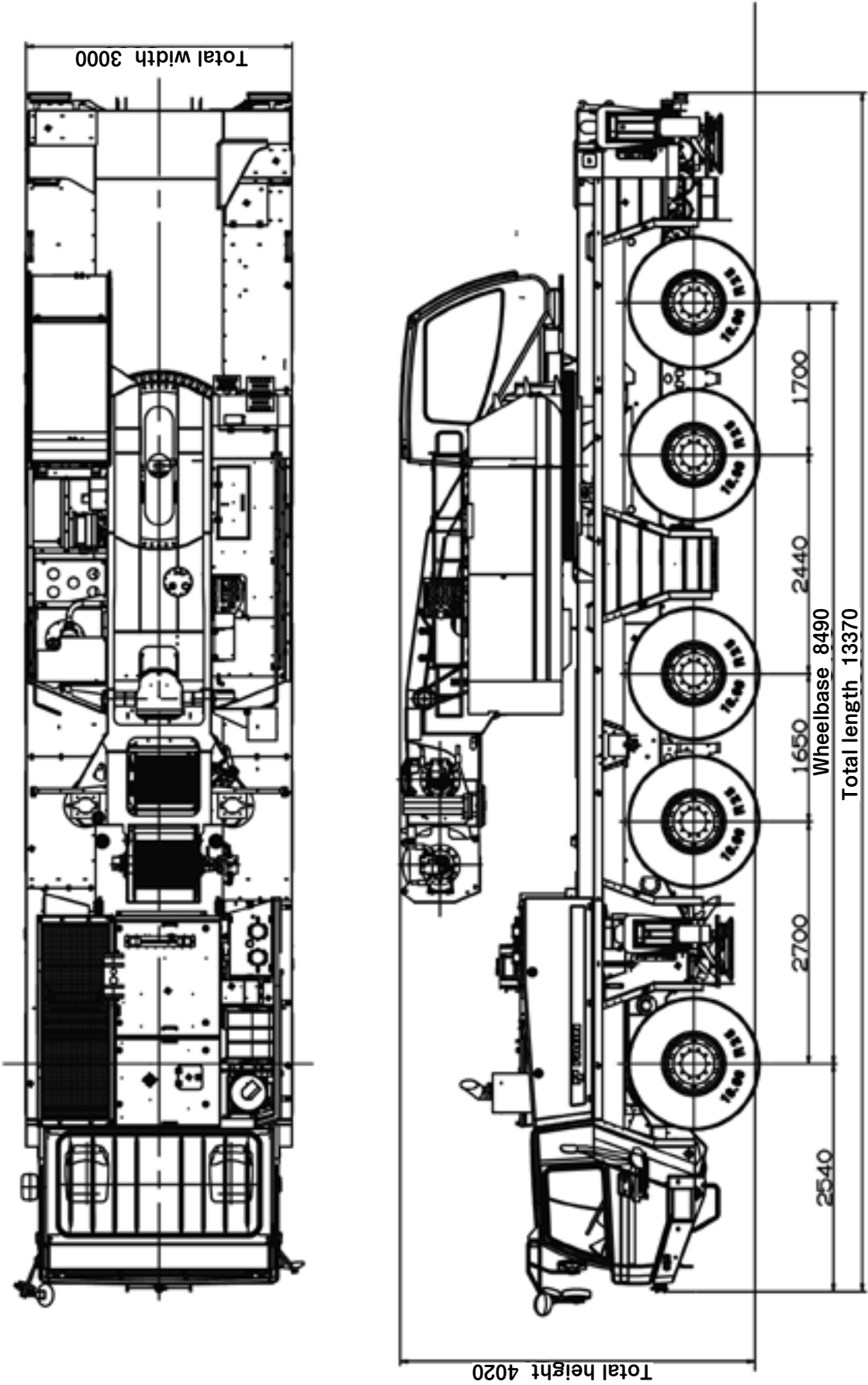


Note:

1. The deflection of the boom is not incorporated in the figure above.
2. The above figure is the maximum load radius for Performances A, B, and F.

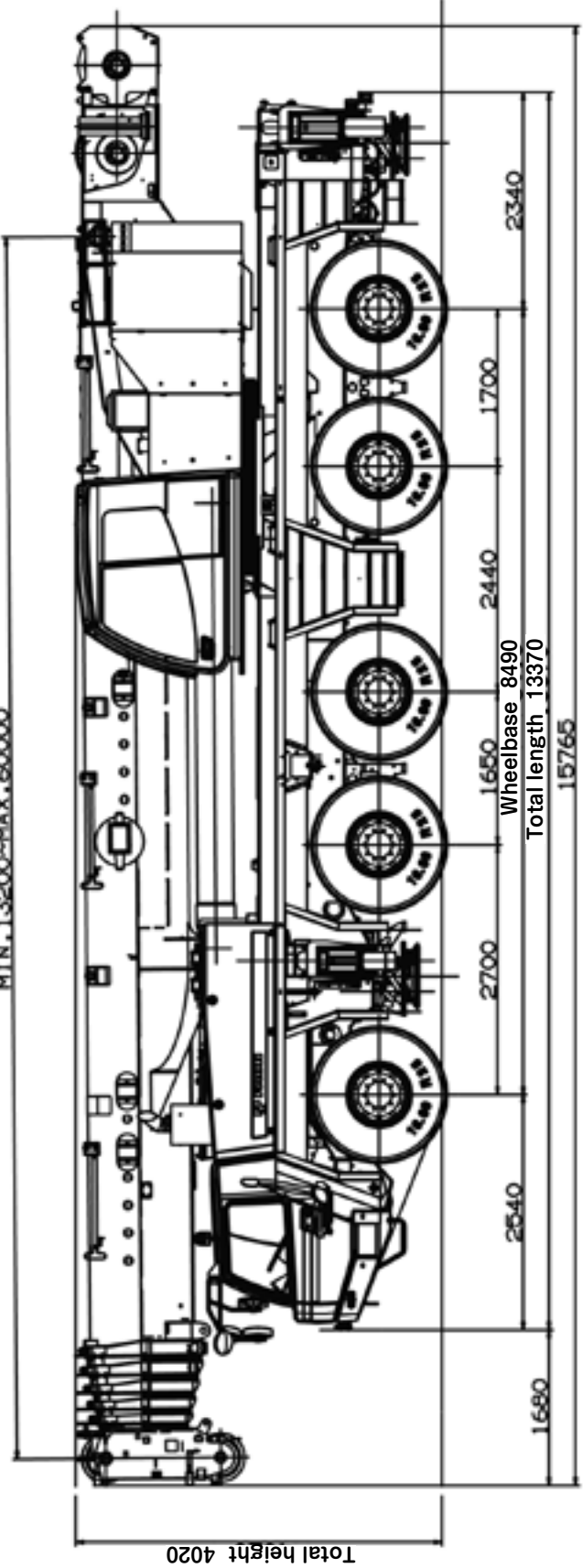
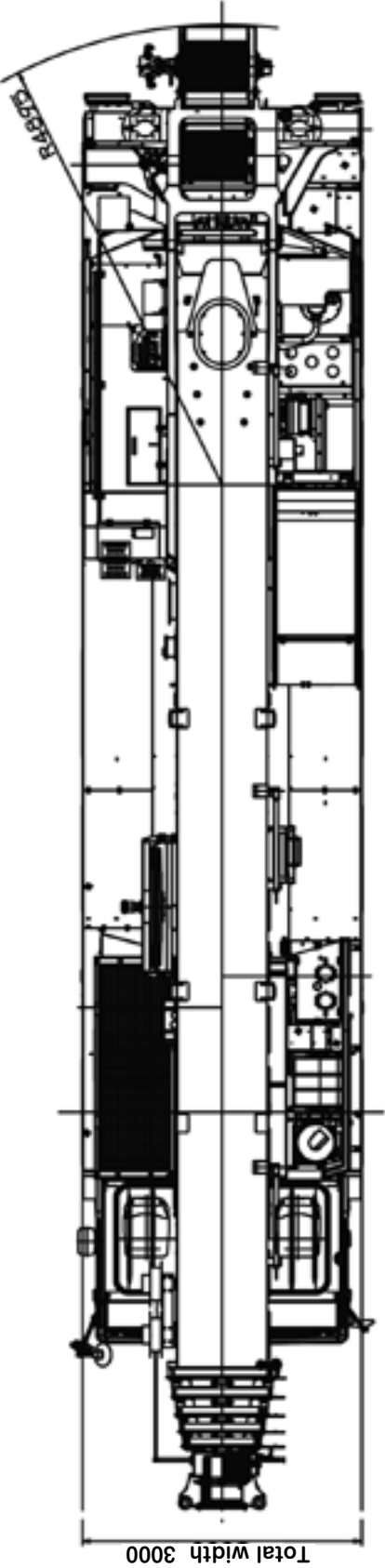
4. Dimensions

(On public thoroughfare traveling condition)



4. Dimensions

(On-site traveling condition)



ALL TERRAIN CRANE

ATF160G-5

JAPANESE SPECIFICATIONS

CARRIER MODEL	SPEC. NO.
FAUN ATF160G-5	ATF-160G-1-90101

These specifications are for the optional fully automatic luffing jib.
Refer to these specifications along with the specifications for Control No. JA-B-04.

ATF160G-5

Crane Specifications

Crane Capacity

8.5 m jib	26,600 kg	x 7.0 m	(4-part line)
11.6 m jib	14,600 kg	x 16.0 m	(2-part line)
14.7 m jib	13,900 kg	x 12.0 m	(2-part line)
17.8 m jib	13,500 kg	x 8.0 m	(2-part line)
20.9 m jib	5,600 kg	x 32.0 m	(single-part line)

Jib

3-section synchronously telescoping boom of box construction
 Hydraulic non-stage offset (5° to 60°) type
 1.85 m (fixed) +
 8.5 m to 20.9 m (elevating and telescoping components)

Jib

Single double-acting hydraulic cylinder
 Single wire rope-type telescoping device

Jib Length

8.5 m
 11.6 m
 14.7 m
 17.8 m
 20.9 m

Max. Lifting Height

83.0 m

Max. Working Radius

55.0 m

Total Rated Loads

- The total rated loads shown are for the case where the outriggers are set horizontally on firm level ground. The values above the bold lines are based on the crane strength while those below are based on the crane stability.
- The table below shows the classification of Performances FA to FM of the total rated load.

Counterweight Outrigger extension width	50 t	36 t	24 t	12 t	0 t
8.3 m	FA	FB	FC	FD	FE
7.0 m	FF	FG	FH	FI	/
5.6 m	/	FJ	FK	FL	/
4.6 m	/	/	/	FM	/

- The following table shows the extending condition of each boom length shown in the total rated loads chart.

Boom length	Telescoping condition (telescoping rate %)				
	Telescoping boom 1	Telescoping boom 2	Telescoping boom 3	Telescoping boom 4	Telescoping boom 5
30.6 m	93	93	0	0	0
35.0 m	93	93	46	0	0
39.3 m	93	93	93	0	0
43.7 m	93	93	93	46	0
48.0 m	93	93	93	93	0
52.4 m	93	93	93	93	46
56.7 m	93	93	93	93	93
60.0 m	100	100	100	100	100

- The total rated load is limited to 22.0 t when the B pin (boom fixing pin) is not inserted.
- The weights of the slings and hooks (63 t hook: 600 kg, 25 t hook: 375 kg, 7.3 t hook: 300 kg) are included in the total rated loads shown.
- The total rated load is based on the actual working radius including deflection of the boom.
- The standard hook and number of part lines are shown in the total rated loads chart. The load per line should not exceed 7.3 t.
- The rated total load table does not include wind effects. Stop crane operation when the maximum instantaneous velocity is 10 m/s or more (7 m/s with full boom).
- θ in the total rated load chart shows the boom angle range (under no load).

■ Performance FA

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9				13.5					5.6					
8.0	23.8	19.3	15.6			14.6	14.6				13.9				13.5					5.6					
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6			13.1					5.6					
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0			12.6	10.4				5.6					
11.0	19.8	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4			12.2	9.9				5.6	5.6				
12.0	18.8	16.2	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9		11.4	9.4				5.6	5.6				
14.0	16.9	15.0	13.2	12.2	11.4	14.0	12.1	10.3	9.2	8.3	11.7	10.0	8.4		10.1	8.6	7.1			5.6	5.6				
16.0	15.4	14.0	12.6	11.8	11.3	12.6	11.2	9.8	8.9	8.2	10.5	9.2	7.9	7.1	6.3	9.1	7.9	6.7		5.6	5.6				
18.0	14.2	13.1	12.1	11.6	11.2	11.5	10.4	9.3	8.6	8.1	9.5	8.5	7.5	6.8	6.2	8.2	7.3	6.3	5.6	5.6	5.6	5.6			
20.0	13.1	12.3	11.7	11.3		10.5	9.7	8.9	8.4	8.0	8.7	7.9	7.1	6.6	6.1	7.5	6.8	6.0	5.4	4.9	5.6	5.6	5.3	4.7	
22.0	12.1	11.7	11.3	11.2		9.7	9.1	8.6	8.2		8.0	7.4	6.8	6.4	6.0	6.8	6.3	5.7	5.2	4.8	5.6	5.6	5.1	4.5	
24.0	11.3	11.1	10.9	10.9		9.0	8.6	8.2	8.0		7.4	7.0	6.5	6.2	6.0	6.3	5.9	5.4	5.1	4.7	5.6	5.3	4.8	4.4	4.0
26.0	10.6	10.6	10.7	10.6		8.4	8.2	8.0	7.9		6.8	6.6	6.3	6.1		5.8	5.5	5.2	4.9	4.7	5.3	5.0	4.6	4.2	3.9
28.0	9.3	9.6	9.9			7.8	7.8	7.7	7.8		6.4	6.2	6.0	6.0		5.4	5.2	5.0	4.8		4.9	4.7	4.4	4.1	3.8
30.0	7.8	8.0	8.2			7.4	7.4	7.5			5.9	5.9	5.9	5.9		5.0	4.9	4.8	4.7		4.5	4.4	4.2	4.0	3.8
32.0	6.5	6.6	6.7			6.9	7.1	7.4			5.6	5.6	5.7			4.7	4.7	4.6	4.6		4.2	4.1	4.0	3.9	
34.0	5.4	5.5				6.3	6.5	6.7			5.2	5.4	5.5			4.4	4.4	4.5	4.6		3.9	3.9	3.9	3.8	
36.0	4.4	4.4				5.2	5.4				5.0	5.1	5.4			4.1	4.2	4.4			3.7	3.7	3.7	3.7	
38.0	1.8					4.4	4.5				4.7	5.0	5.4			3.9	4.0	4.3			3.4	3.5	3.6	3.7	
40.0						3.6					4.2	4.4				3.7	3.9	4.2			3.2	3.4	3.5		
42.0											3.5	3.6				3.5	3.8				3.1	3.2	3.4		
44.0											2.0					3.3	3.6				2.9	3.1	3.4		
46.0																2.9					2.7	3.0			
48.0																					2.6	2.9			
50.0																					2.3				
θ (°)	5-84	21-84	37-84	52-84	68-84	16-84	26-84	40-84	55-84	70-84	5-84	22-84	37-84	57-84	69-84	17-84	27-84	40-84	55-84	71-84	12-84	24-84	38-84	53-84	69-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 50 t counterweight, 8.3 m outrigger extension width.

■ Performance FA

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9				12.3					5.6					
8.0	25.3	19.9				14.6	14.6				13.9				12.3					5.6					
9.0	23.7	19.1	15.4			14.6	14.6				13.9				12.3					5.6					
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4			12.3					5.6					
11.0	21.2	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8			12.0	10.2				5.6					
12.0	20.1	16.9	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3			11.6	9.7				5.6	5.6				
14.0	18.2	15.7	13.6	12.3	11.4	14.6	12.7	10.6	9.3	8.4	12.5	10.4	8.6		10.8	8.9				5.6	5.6				
16.0	16.6	14.7	13.0	12.0	11.3	13.6	11.8	10.1	9.0	8.2	11.3	9.6	8.1	7.1		9.7	8.2	6.8		5.6	5.6				
18.0	15.3	13.8	12.5	11.7	11.2	12.4	11.0	9.6	8.8	8.1	10.3	9.0	7.7	6.9	6.2	8.8	7.6	6.5	5.7		5.6	5.6	5.6		
20.0	14.2	13.0	12.0	11.5	11.2	11.4	10.3	9.2	8.5	8.0	9.4	8.4	7.4	6.7	6.1	8.1	7.1	6.2	5.5	4.9	5.6	5.6	5.5		
22.0	13.2	12.3	11.6	11.3		10.6	9.7	8.9	8.3	8.0	8.6	7.8	7.0	6.5	6.0	7.4	6.6	5.9	5.3	4.8	5.6	5.6	5.2	4.6	
24.0	12.1	11.7	11.3	11.1		9.8	9.2	8.5	8.2		8.0	7.4	6.8	6.3	6.0	6.8	6.2	5.6	5.1	4.7	5.6	5.6	4.9	4.4	4.0
26.0	10.7	10.8	10.8	10.8		9.1	8.7	8.3	8.0		7.4	7.0	6.5	6.2	5.9	6.3	5.9	5.4	5.0	4.7	5.6	5.3	4.7	4.3	3.9
28.0	9.4	9.6	9.6	9.6		8.6	8.3	8.0	7.9		6.9	6.6	6.3	6.1		5.9	5.5	5.2	4.9	4.6	5.3	4.9	4.5	4.2	3.8
30.0	7.8	8.1	8.4			8.0	7.9	7.8	7.8		6.5	6.3	6.1	6.0		5.5	5.2	5.0	4.8		4.9	4.7	4.3	4.1	3.8
32.0	6.5	6.7	6.9			7.4	7.5	7.6			6.1	6.0	5.9	5.9		5.1	5.0	4.8	4.7		4.6	4.4	4.2	4.0	
34.0	5.4	5.6	5.7			6.3	6.5	6.8			5.7	5.7	5.7	5.8		4.8	4.7	4.6	4.6		4.3	4.2	4.0	3.9	
36.0	4.4	4.5				5.2	5.5	5.7			5.4	5.5	5.6			4.5	4.5	4.5	4.6		4.0	4.0	3.9	3.8	
38.0	3.6	3.6				4.4	4.5	4.7			5.0	5.3	5.5			4.3	4.3	4.4			3.8	3.8	3.7	3.7	
40.0	2.8	2.9				3.6	3.7				4.2	4.4	4.6			4.0	4.1	4.3			3.6	3.6	3.6	3.7	
42.0	1.8					2.9	3.0				3.5	3.7				3.8	4.0	4.2			3.4	3.4	3.5		
44.0						2.2					2.8	3.0				3.4	3.6	3.8			3.2	3.3	3.5		
46.0											2.3	2.3				2.8	3.0				3.0	3.2	3.4		
48.0											1.8					2.3	2.4				2.8	3.1			
50.0																2.3					2.7	3.0			
θ (°)	8-84	22-84	41-84	54-84	68-84	17-84	27-84	39-84	56-84	70-84	10-84	23-84	42-84	55-84	69-84	18-84	27-84	39-84	57-84	70-84	29-84	31-84	43-84	55-84	72-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 50 t counterweight, 8.3 m outrigger extension width.

■ Performance FA

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
7.0	21.3					14.6					13.5																		
8.0	21.3	20.9				14.6					13.5					10.8													
9.0	21.3	20.1				14.6	14.6				13.5					10.8							5.6						
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8							5.6						
11.0	20.8	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8							5.6						
12.0	19.7	17.9	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8						5.6						
14.0	17.9	16.7	14.1	12.6	11.6	14.6	13.2	10.8	9.4		12.9	10.8	8.7			10.6	9.3						5.6	5.6					
16.0	16.4	15.7	13.5	12.3	11.4	14.6	12.3	10.3	9.1	8.3	12.1	10.1	8.3	7.2		10.0	8.6	7.0					5.6	5.6					
18.0	15.0	14.7	13.0	12.0	11.3	13.3	11.5	9.9	8.9	8.1	11.0	9.4	7.9	7.0	6.2		9.4	8.0	6.6					5.6	5.6	5.6			
20.0	13.8	13.6	12.6	11.8	11.3	12.3	10.8	9.5	8.7	8.1	10.1	8.8	7.6	6.8	6.1		8.6	7.4	6.3	5.5					5.6	5.6	5.6		
22.0	12.8	12.6	12.1	11.6		11.4	10.2	9.1	8.5	8.0	9.3	8.2	7.2	6.6	6.1		7.9	7.0	6.0	5.4	4.8				5.6	5.6	5.3	4.7	
24.0	11.2	11.3	11.4	11.4		10.6	9.7	8.8	8.3	7.9	8.6	7.8	7.0	6.4	6.0		7.3	6.5	5.8	5.2	4.8				5.6	5.6	5.1	4.5	
26.0	9.9	10.0	10.1	10.2		9.9	9.2	8.5	8.1		8.0	7.4	6.7	6.3	5.9		6.8	6.2	5.5	5.1	4.7				5.6	5.5	4.9	4.4	3.9
28.0	8.7	8.8	8.9	9.0		8.7	8.7	8.3	8.0		7.5	7.0	6.5	6.1		6.3	5.8	5.3	5.0	4.6					5.6	5.2	4.7	4.2	3.9
30.0	7.7	7.8	7.9	7.9		7.7	7.8	8.0	7.9		7.0	6.6	6.3	6.0		5.9	5.5	5.1	4.8	4.6					5.3	4.9	4.5	4.1	3.8
32.0	6.5	6.8	6.9			6.8	6.8	7.5	7.7		6.6	6.3	6.1	5.9		5.5	5.2	4.9	4.7						5.0	4.7	4.3	4.0	3.8
34.0	5.4	5.6	5.8			5.9	6.0	6.7	6.8		6.2	6.0	5.9	5.9		5.2	5.0	4.8	4.7						4.7	4.4	4.1	3.9	
36.0	4.4	4.6	4.7			5.2	5.3	5.7			5.7	5.8	5.8	5.8		4.9	4.8	4.7	4.6						4.4	4.2	4.0	3.9	
38.0	3.5	3.7	3.8			4.3	4.5	4.7			4.8	5.2	5.4			4.6	4.6	4.5	4.5						4.1	4.0	3.9	3.8	
40.0	2.8	2.9				3.5	3.7	3.9			4.1	4.3	4.6			4.4	4.4	4.4							3.9	3.8	3.8	3.7	
42.0	2.1	2.2				2.8	2.9	3.1			3.3	3.6	3.8			3.9	4.2	4.3							3.7	3.7	3.7	3.7	
44.0	1.5	1.5				2.2	2.3				2.7	2.9	3.1			3.2	3.5	3.8							3.5	3.5	3.6		
46.0	1.0					1.6	1.7				2.1	2.3				2.6	2.9	3.1							3.2	3.4	3.5		
48.0						1.1					1.6	1.7				2.1	2.3								2.7	3.0	3.2		
50.0											1.2	1.2				1.6	1.8								2.2	2.4	2.6		
55.0																									1.1	1.3			
θ (°)	12-84	23-84	40-84	56-84	72-84	19-84	27-84	38-84	55-84	70-84	23-84	24-84	41-84	56-84	71-84	31-84	33-84	43-84	58-84	70-84	27-84	29-84	42-84	57-84	72-84				
Standard hook	63 t					25 t										7.3 t													
The weights of the hooks	600 kg					375 kg										300 kg													
Standard number of part lines	3					2										1													

Note: 50 t counterweight, 8.3 m outrigger extension width.

■ Performance FA

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
7.0	17.2																												
8.0	17.2																												
9.0	17.2	17.2				13.7					11.3																		
10.0	17.2	17.2				13.7					11.3					9.3									5.6				
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3									5.6				
12.0	16.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3									5.6				
14.0	15.1	14.8	14.2	12.7	11.6	13.7	13.5	11.0			11.3	10.7				9.3	8.8								5.6				
16.0	14.1	13.6	13.2	12.4	11.5	13.0	12.5	10.6	9.2		11.3	10.2	8.5			9.3	8.4								5.6	5.6			
18.0	12.9	12.7	12.3	12.1	11.4	12.0	11.7	10.1	9.0	8.2	11.2	9.7	8.1	7.0		9.2	8.0	6.7							5.6	5.6			
20.0	11.9	11.7	11.4	11.3	11.3	11.3	10.9	9.7	8.8	8.1	10.5	9.2	7.7	6.8	6.2	8.7	7.7	6.4							5.6	5.6	5.6		
22.0	10.9	10.8	10.7	10.6	10.6	10.4	10.2	9.4	8.6	8.0	9.8	8.6	7.4	6.7	6.1	8.3	7.3	6.2	5.4	4.8					5.6	5.6	5.4		
24.0	10.1	10.0	9.9	9.9		9.7	9.6	9.1	8.4	8.0	9.2	8.1	7.1	6.5	6.0	7.8	6.8	5.9	5.3	4.8					5.6	5.6	5.2	4.6	
26.0	9.4	9.3	9.2	9.2		9.0	8.9	8.8	8.3	7.9	8.6	7.7	6.9	6.4	6.0	7.2	6.5	5.7	5.1	4.7					5.6	5.6	5.0	4.4	3.9
28.0	8.3	8.4	8.5	8.6		8.3	8.3	8.2	8.1		8.0	7.3	6.7	6.2	5.9	6.8	6.1	5.5	5.0	4.7					5.6	5.5	4.8	4.3	3.9
30.0	7.3	7.4	7.5	7.6		7.3	7.4	7.7	7.7		7.5	7.0	6.4	6.1		6.3	5.8	5.3	4.9	4.6					5.6	5.2	4.6	4.2	3.8
32.0	6.3	6.5	6.6	6.6		6.3	6.5	7.0	7.1		6.9	6.7	6.3	6.0		5.9	5.5	5.1	4.8						5.3	4.9	4.4	4.1	3.8
34.0	5.6	5.7	5.8			5.6	5.7	6.2	6.3		6.2	6.3	6.1	5.9		5.6	5.3	4.9	4.7						5.0	4.7	4.3	4.0	3.8
36.0	4.6	4.8	5.0			4.8	4.9	5.5	5.6		5.4	5.6	5.8	5.9		5.3	5.0	4.8	4.7						4.7	4.4	4.1	3.9	
38.0	3.7	3.9	4.1			4.2	4.3	4.8			4.8	5.0	5.2	5.3		5.0	4.8	4.7	4.6						4.4	4.2	4.0	3.8	
40.0	3.0	3.1	3.2			3.6	3.7	4.1			4.2	4.4	4.6			4.5	4.6	4.5	4.5						4.2	4.0	3.9	3.8	
42.0	2.3	2.4	2.5			2.9	3.1	3.3			3.4	3.7	4.0			3.9	4.1	4.3	4.4						4.0	3.9	3.8	3.7	
44.0	1.7	1.8				2.3	2.5	2.6			2.8	3.1	3.3			3.3	3.6	3.8							3.8	3.7	3.7	3.7	
46.0	1.1	1.2				1.7	1.9				2.2	2.4	2.6			2.7	3.0	3.3							3.3	3.6	3.6	3.7	
48.0						1.2	1.3				1.7	1.9	2.0			2.2	2.4	2.7							2.7	3.0	3.4		
50.0											1.3	1.4				1.7	1.9	2.1							2.2	2.5	2.8		
55.0																									1.2	1.4			
θ (°)	29-84	30-84	39-84	58-84	72-84	32-84	32-84	42-84	56-84	70-84	34-84	35-84	40-84	58-84	71-84	39-84	41-84	42-84	57-84	73-84	36-84	38-84	48-84	55-84	72-84				
Standard hook	63 t					25 t										7.3 t													
The weights of the hooks	600 kg					375 kg										300 kg													
Standard number of part lines	3					2										1													

Note: 50 t counterweight, 8.3 m outrigger extension width.

■ Performance FA

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m									
	Offset					Offset					Offset					Offset					Offset									
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°					
8.0	13.5																													
9.0	13.5					11.4																								
10.0	13.5	13.5				11.4					9.6																			
11.0	13.5	13.0				11.4					9.6					8.0									5.6					
12.0	13.1	12.5	11.9			11.4	11.3				9.6					8.0									5.6					
14.0	12.1	11.6	11.0	10.7	10.6	11.1	10.5				9.6	9.6				8.0	8.0								5.6					
16.0	11.2	10.8	10.3	10.0	9.9	10.3	9.8	9.3	9.0		9.5	9.0	8.4			8.0	8.0								5.6	5.6				
18.0	10.5	10.0	9.6	9.4	9.3	9.6	9.2	8.7	8.4	8.2	8.9	8.4	7.9			8.0	7.7								5.6	5.6				
20.0	9.8	9.4	9.0	8.8	8.8	9.0	8.6	8.2	7.9	7.9	8.3	7.9	7.5	6.9											5.6	5.6				
22.0	9.1	8.8	8.5	8.3	8.3	8.4	8.1	7.7	7.5	7.5	7.8	7.4	7.0	6.7	6.1	7.3	6.9	6.3	5.5						5.6	5.6	5.2			
24.0	8.5	8.3	8.0	7.9	7.9	7.9	7.6	7.3	7.1	7.1	7.3	7.0	6.7	6.5	6.0	6.9	6.5	6.0	5.3	4.8					5.6	5.6	5.1			
26.0	8.0	7.8	7.6	7.4		7.5	7.2	6.9	6.7	6.7	6.9	6.6	6.3	6.2	6.0	6.5	6.2	5.8	5.2	4.7					5.6	5.6	4.9	4.5		
28.0	7.4	7.3	7.2	7.1		7.0	6.8	6.5	6.4		6.5	6.3	6.0	5.8	5.8	6.1	5.8	5.5	5.1	4.7					5.6	5.3	4.7	4.4	3.9	
30.0	6.9	6.9	6.7	6.7		6.6	6.4	6.2	6.1		6.2	5.9	5.7	5.6	5.6	5.8	5.5	5.3	5.0	4.6					5.3	5.1	4.6	4.2	3.9	
32.0	6.1	6.3	6.4	6.3		6.1	6.1	5.9	5.8		5.9	5.6	5.4	5.3		5.5	5.2	5.0	4.9	4.6					5.0	4.8	4.5	4.1	3.8	
34.0	5.3	5.5	5.6	5.6		5.3	5.5	5.6	5.5		5.6	5.3	5.1	5.1		5.2	5.0	4.8	4.7						4.8	4.6	4.3	4.1	3.8	
36.0	4.6	4.7	4.9	4.9		4.6	4.7	5.2	5.3		5.2	5.1	4.9	4.8		4.9	4.7	4.6	4.5						4.6	4.4	4.1	4.0	3.7	
38.0	4.0	4.1	4.2			4.0	4.1	4.6	4.7		4.5	4.7	4.7	4.6		4.7	4.5	4.3	4.3						4.3	4.2	4.0	3.9		
40.0	3.2	3.4	3.5			3.4	3.5	4.0			4.0	4.1	4.4	4.4		4.2	4.3	4.2	4.1						4.1	4.0	3.8	3.7		
42.0	2.5	2.7	2.8			2.9	3.0	3.4			3.5	3.6	3.8	3.9		3.7	3.9	4.0	3.9						4.0	3.8	3.6	3.6		
44.0	1.9	2.0	2.1			2.4	2.5	2.8			2.9	3.1	3.3			3.2	3.4	3.6	3.7						3.6	3.6	3.5	3.5		
46.0	1.3	1.4				1.9	2.0	2.2			2.3	2.6	2.8			2.7	2.9	3.1							3.2	3.4	3.4	3.3		
48.0						1.3	1.5	1.6			1.8	2.0	2.2			2.2	2.5	2.7							2.8	3.0	3.2			
50.0							1.0				1.3	1.5	1.7			1.7	2.0	2.2							2.3	2.6	2.2			
55.0																										1.2	1.4			
θ (°)	38-84	39-84	43-84	56-84	71-84	39-84	37-84	41-84	58-84	73-84	41-84	42-84	43-84	56-84	72-84	45-84	47-84	49-84	58-84	73-84	42-84	44-84	53-84	60-84	72-84					
Standard hook	25 t																						7.3 t							
The weights of the hooks	375 kg																						300 kg							
Standard number of part lines	2																						1							

Note: 50 t counterweight, 8.3 m outrigger extension width.

■ Performance FA

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m									
	Offset					Offset					Offset					Offset					Offset									
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°					
9.0	10.8																													
10.0	10.7	10.0				9.2																								
11.0	10.3	9.6				9.2					7.8																			
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9									5.0					
14.0	9.0	8.6	8.0	7.6	7.4	8.3	7.7				7.5	6.9				5.9									5.0					
16.0	8.3	8.0	7.5	7.1	7.0	7.7	7.2	6.6			7.0	6.4				5.9	5.8								5.0					
18.0	7.7	7.4	7.0	6.7	6.6	7.2	6.7	6.2	5.9	5.7	6.6	6.0	5.5			5.9	5.5								5.0	5.0				
20.0	7.1	6.9	6.6	6.4	6.3	6.6	6.3	5.8	5.6	5.4	6.2	5.7	5.2	4.9		5.6	5.2	4.7							5.0	4.7				
22.0	6.6	6.4	6.2	6.0	6.0	6.2	5.9	5.5	5.3	5.2	5.8	5.4	4.9	4.7	4.6	5.3	4.9	4.4							4.8	4.4	4.0			
24.0	6.2	6.0	5.8	5.6	5.6	5.7	5.5	5.2	5.0	4.9	5.4	5.1	4.7	4.4	4.4	5.0	4.6	4.2	4.0						4.6	4.2	3.8			
26.0	5.7	5.6	5.4	5.3	5.3	5.4	5.2	5.0	4.8	4.7	5.0	4.8	4.4	4.2	4.2	4.7	4.4	4.0	3.8	3.7					4.3	4.0	3.6	3.4		
28.0	5.4	5.2	5.1	5.0		5.0	4.8	4.7	4.6	4.5	4.7	4.5	4.2	4.0	4.0	4.4	4.1	3.8	3.6	3.6					4.1	3.8	3.5	3.3	3.2	
30.0	5.0	4.9	4.8	4.7		4.7	4.5	4.4	4.3		4.4	4.2	4.0	3.9	3.8	4.1	3.9	3.6	3.5	3.4					3.9	3.6	3.3	3.1	3.1	
32.0	4.7	4.6	4.5	4.4		4.4	4.3	4.1	4.1		4.1	4.0	3.8	3.7	3.7	3.9	3.7	3.5	3.3	3.3					3.7	3.4	3.1	3.0	2.9	
34.0	4.4	4.3	4.2	4.2		4.1	4.0	3.9	3.8		3.9	3.8	3.6	3.5		3.7	3.5	3.3	3.2	3.2					3.5	3.2	3.0	2.9	2.8	
36.0	4.2	4.1	4.0	3.9		3.9	3.8	3.7	3.6		3.7	3.5	3.4	3.4		3.5	3.3	3.2	3.0						3.3	3.1	2.9	2.7	2.7	
38.0	3.9	3.9	3.8	3.7		3.7	3.6	3.5	3.4		3.5	3.3	3.2	3.2		3.3	3.1	3.0	2.9						3.1	3.0	2.7	2.6		
40.0	3.3	3.4	3.5			3.3	3.4	3.3	3.3		3.3	3.2	3.1	3.0		3.1	3.0	2.9	2.8						2.9	2.8	2.6	2.5		
42.0	2.8	2.9	3.0			2.8	2.9	3.1	3.1		3.1	3.0	2.9	2.9		2.9	2.8	2.7	2.7						2.7	2.6	2.5	2.4		
44.0	2.2	2.3	2.4			2.3	2.4	2.9			2.9	2.8	2.7	2.7		2.7	2.6	2.6	2.5						2.6	2.5	2.4	2.3		
46.0	1.6	1.7	1.8			1.9	2.0	2.4			2.4	2.6	2.5			2.6	2.5	2.4	2.4						2.4	2.4	2.3	2.3		
48.0	1.1	1.2	1.3			1.5	1.6	1.9			1.9	2.2	2.3			2.4	2.4	2.3							2.3	2.2	2.2	2.2		
50.0						1.1	1.2	1.3					1.0			2.0	2.2	2.1							2.2	2.1	2.0	2.0		
55.0																1.0	1.2	1.4							1.3	1.6	1.6			
θ (°)	41-84	42-84	42-84	57-84	71-84	42-84	43-84	44-84	56-84	72-84	49-84	51-84	49-84	58-84	71-84	43-84	45-84	47-84	59-84	73-84	47-84	49-84	51-84	58-84	74-84					
Standard hook	25 t																						7.3 t							
The weights of the hooks	375 kg																						300 kg							
Standard number of part lines	2																						1							

Note: 50 t counterweight, 8.3 m outrigger extension width.

Performance FA

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m						
	Offset					Offset					Offset					Offset					Offset						
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°		
10.0	8.5																										
11.0	8.2	7.7				6.8																					
12.0	7.8	7.4				6.8					5.8																
14.0	7.2	6.8	6.4			6.6	6.1				5.8																
16.0	6.6	6.3	5.9	5.7	5.6	6.1	5.7	5.3			5.6	5.2															
18.0	6.1	5.8	5.5	5.3	5.2	5.6	5.3	4.9	4.7		5.2	4.9	4.5			4.8									4.3		
20.0	5.7	5.4	5.2	5.0	4.9	5.2	4.9	4.6	4.4	4.3	4.8	4.5	4.2			4.5									4.2		
22.0	5.3	5.1	4.8	4.7	4.6	4.9	4.6	4.3	4.2	4.1	4.5	4.2	3.9	3.8	3.7	4.2	3.9							3.9	3.6		
24.0	4.9	4.7	4.5	4.4	4.3	4.6	4.3	4.1	3.9	3.9	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.4						3.7	3.4		
26.0	4.5	4.4	4.2	4.1	4.1	4.3	4.0	3.8	3.7	3.6	3.9	3.7	3.5	3.3	3.3	3.7	3.5	3.2						3.4	3.2	3.0	
28.0	4.2	4.1	4.0	3.9		3.9	3.8	3.6	3.5	3.4	3.7	3.5	3.3	3.2	3.1	3.5	3.2	3.0	2.9	2.9			3.2	3.0	2.8		
30.0	3.9	3.8	3.7	3.7		3.7	3.6	3.4	3.3	3.3	3.5	3.3	3.1	3.0	3.0	3.2	3.0	2.9	2.7	2.7			3.0	2.8	2.6	2.5	2.5
32.0	3.6	3.5	3.4	3.4		3.4	3.3	3.2	3.1		3.3	3.1	2.9	2.8	2.8	3.0	2.9	2.7	2.6	2.6			2.8	2.7	2.5	2.4	2.4
34.0	3.3	3.3	3.2	3.2		3.2	3.1	3.0	2.9		3.0	2.9	2.8	2.7		2.9	2.7	2.5	2.5	2.4			2.7	2.5	2.4	2.3	2.2
36.0	3.1	3.0	3.0	2.9		2.9	2.9	2.8	2.8		2.8	2.7	2.6	2.5		2.7	2.5	2.4	2.3	2.3			2.5	2.4	2.2	2.1	2.1
38.0	2.9	2.8	2.8	2.7		2.7	2.7	2.6	2.6		2.6	2.6	2.5	2.4		2.5	2.4	2.3	2.2				2.4	2.2	2.1	2.0	2.0
40.0	2.7	2.6	2.6	2.6		2.6	2.5	2.4	2.4		2.4	2.4	2.3	2.3		2.3	2.3	2.1	2.1				2.2	2.1	2.0	1.9	
42.0	2.5	2.4	2.4			2.4	2.3	2.3	2.3		2.3	2.2	2.2	2.2		2.2	2.1	2.0	2.0				2.1	2.0	1.9	1.8	
44.0	2.3	2.3	2.2			2.2	2.2	2.1	2.1		2.1	2.1	2.0	2.0		2.0	2.0	1.9	1.9				2.0	1.9	1.8	1.7	
46.0	1.8	1.9	2.0			1.9	1.9	2.0			2.0	1.9	1.9	1.9		1.9	1.9	1.8	1.8				1.8	1.8	1.7	1.6	
48.0	1.3	1.4	1.5			1.5	1.5	1.8			1.8	1.8	1.8			1.8	1.7	1.7	1.7				1.7	1.7	1.6	1.5	
50.0			1.0			1.1	1.2	1.6			1.6	1.6	1.5			1.6	1.5	1.5					1.6	1.5	1.5	1.5	
55.0													1.1			1.1	1.1	1.1					1.1	1.1	1.1		
θ (°)	47-84	48-84	45-84	58-84	73-84	48-84	49-84	50-84	58-84	72-84	51-84	53-84	48-84	59-84	73-84	48-84	50-84	51-84	60-84	72-84	51-84	53-84	55-84	61-84	74-84		
Standard hook	25 t					7.3 t																					
The weights of the hooks	375 kg					300 kg																					
Standard number of part lines	2					1																					

Note: 50 t counterweight, 8.3 m outrigger extension width.

Performance FA

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
10.0	5.6																											
11.0	5.6																											
12.0	5.6	5.6				5.1																						
14.0	5.6	5.6	5.6			5.1	5.1				4.6					4.3												
16.0	5.6	5.6	5.4	5.2	5.1	5.1	5.1				4.6	4.6				4.3												
18.0	5.6	5.3	5.1	4.9	4.8	5.1	4.9	4.6			4.6	4.5				4.3	4.2								4.0			
20.0	5.2	5.0	4.7	4.6	4.5	4.8	4.5	4.3	4.0	3.7	4.5	4.2	3.9			4.2	3.9							3.9	3.6			
22.0	4.8	4.6	4.4	4.3	4.2	4.5	4.2	4.0	3.6	3.3	4.2	3.9	3.6	3.1		3.9	3.6	3.2						3.6	3.4			
24.0	4.4	4.3	4.1	4.0	3.8	4.2	4.0	3.7	3.3	3.1	3.9	3.7	3.3	2.8	2.6	3.6	3.4	2.9	2.5					3.4	3.2	2.6		
26.0	4.1	4.0	3.9	3.6	3.4	3.9	3.7	3.4	3.0	2.8	3.6	3.4	2.9	2.6	2.3	3.4	3.2	2.6	2.2	2.0				3.2	2.9	2.3		
28.0	3.8	3.7	3.6	3.3	3.1	3.6	3.5	3.0	2.7	2.5	3.4	3.1	2.6	2.3	2.1	3.2	2.8	2.3	2.0	1.8				3.0	2.6	2.1	1.8	
30.0	3.5	3.4	3.2	3.0		3.3	3.2	2.7	2.4	2.3	3.2	2.8	2.4	2.1	1.9	3.0	2.5	2.1	1.8	1.7				2.7	2.3	1.9	1.6	1.5
32.0	3.2	3.1	2.9	2.7		3.1	3.0	2.4	2.2		2.8	2.5	2.1	1.9	1.8	2.6	2.2	1.9	1.6	1.5				2.4	2.0	1.7	1.5	1.3
34.0	3.0	2.9	2.6	2.4		2.8	2.8	2.2	2.0		2.5	2.2	1.9	1.7	1.6	2.3	2.0	1.7	1.5	1.4				2.1	1.8	1.5	1.3	1.2
36.0	2.8	2.5	2.3	2.1		2.6	2.5	1.9	1.8		2.2	1.9	1.7	1.5		2.0	1.8	1.5	1.3	1.2				1.8	1.6	1.3	1.2	1.1
38.0	2.4	2.2	2.0	1.9		2.4	2.2	1.7	1.6		1.9	1.7	1.5	1.3		1.8	1.5	1.3	1.2				1.6	1.4	1.2	1.0		
40.0	2.1	1.9	1.8	1.7		2.1	1.9	1.5	1.4		1.7	1.5	1.3	1.2		1.5	1.3	1.1	1.0				1.4	1.2	1.0			
42.0	1.8	1.7	1.5	1.5		1.8	1.7	1.3	1.2		1.4	1.3	1.1	1.0		1.3	1.2	1.0					1.2	1.0				
44.0	1.6	1.5	1.3			1.6	1.5	1.1	1.1		1.2	1.1	1.0			1.1	1.0						1.0					
46.0	1.3	1.2	1.1			1.3	1.2	1.0			1.0																	
48.0		1.0	1.0			1.1	1.0																					
θ (°)	53-84	51-84	52-84	59-84	72-84	53-84	54-84	57-84	60-84	73-84	57-84	60-84	62-84	65-84	72-84	61-84	63-84	66-84	69-84	73-84	63-84	66-84	70-84	73-84	76-84			
Standard hook	7.3 t																											
The weights of the hooks	300 kg																											
Standard number of part lines	1																											

Note: 50 t counterweight, 8.3 m outrigger extension width.

■ Performance FB

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9					13.5					5.6				
8.0	23.8	19.3	15.6			14.6	14.6				13.9					13.5					5.6				
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6				13.1					5.6				
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0				12.6	10.4				5.6				
11.0	19.8	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4				12.2	9.9				5.6	5.6			
12.0	18.8	16.2	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9			11.4	9.4				5.6	5.6			
14.0	16.9	15.0	13.2	12.2	11.4	14.0	12.1	10.3	9.2	8.3	11.7	10.0	8.4			10.1	8.6	7.1			5.6	5.6			
16.0	15.4	14.0	12.6	11.8	11.3	12.6	11.2	9.8	8.9	8.2	10.5	9.2	7.9	7.1	6.3	9.1	7.9	6.7			5.6	5.6			
18.0	14.2	13.1	12.1	11.6	11.2	11.5	10.4	9.3	8.6	8.1	9.5	8.5	7.5	6.8	6.2	8.2	7.3	6.3	5.6		5.6	5.6	5.6		
20.0	12.0	12.3	11.7	11.3		10.5	9.7	8.9	8.4	8.0	8.7	7.9	7.1	6.6	6.1	7.5	6.8	6.0	5.4	4.9	5.6	5.6	5.3	4.7	
22.0	10.0	10.3	10.8	11.0		9.7	9.1	8.6	8.2		8.0	7.4	6.8	6.4	6.0	6.8	6.3	5.7	5.2	4.8	5.6	5.6	5.1	4.5	
24.0	8.3	8.6	9.0	9.2		9.0	8.6	8.2	8.0		7.4	7.0	6.5	6.2	6.0	6.3	5.9	5.4	5.1	4.7	5.6	5.3	4.8	4.4	4.0
26.0	6.9	7.2	7.5	7.6		7.7	8.1	8.0	7.9		6.8	6.6	6.3	6.1		5.8	5.5	5.2	4.9	4.7	5.3	5.0	4.6	4.2	3.9
28.0	5.7	5.9	6.1			6.5	6.8	7.2	7.4		6.4	6.2	6.0	6.0		5.4	5.2	5.0	4.8		4.9	4.7	4.4	4.1	3.8
30.0	4.6	4.8	5.0			5.4	5.7	6.0			5.9	5.9	5.9	5.9		5.0	4.9	4.8	4.7		4.5	4.4	4.2	4.0	3.8
32.0	3.7	3.9	4.0			4.5	4.8	5.0			5.1	5.5	5.7			4.7	4.7	4.6	4.6		4.2	4.1	4.0	3.9	
34.0	2.9	3.0				3.7	3.9	4.0			4.3	4.6	4.9			4.4	4.4	4.5	4.6		3.9	3.9	3.9	3.8	
36.0	2.2	2.3				3.0	3.1				3.6	3.8	4.0			4.1	4.2	4.4			3.7	3.7	3.7	3.7	
38.0	1.6					2.3	2.4				2.9	3.1	3.2			3.4	3.7	4.0			3.4	3.5	3.6	3.7	
40.0						1.7					2.3	2.4				2.8	3.1	3.3			3.2	3.4	3.5		
42.0											1.8	1.9				2.3	2.5				2.8	3.1	3.4		
44.0											1.3					1.8	1.9				2.3	2.6	2.8		
46.0																1.4					1.9	2.1			
48.0																					1.5	1.6			
50.0																					1.1				
θ (°)	5-84	21-84	36-84	52-84	68-84	16-84	26-84	40-84	55-84	70-84	5-84	22-84	37-84	57-84	69-84	16-84	27-84	40-84	55-84	71-84	12-84	24-84	38-84	53-84	69-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 36 t counterweight, 8.3 m outrigger extension width.

■ Performance FB

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9					12.3					5.6				
8.0	25.3	19.9				14.6	14.6				13.9					12.3					5.6				
9.0	23.7	19.1	15.4			14.6	14.6				13.9					12.3					5.6				
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4				12.3					5.6				
11.0	21.2	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8				12.0	10.2				5.6				
12.0	20.1	16.9	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3				11.6	9.7				5.6	5.6			
14.0	18.2	15.7	13.6	12.3	11.4	14.6	12.7	10.6	9.3	8.4	12.5	10.4	8.6			10.8	8.9				5.6	5.6			
16.0	16.6	14.7	13.0	12.0	11.3	13.6	11.8	10.1	9.0	8.2	11.3	9.6	8.1	7.1		9.7	8.2	6.8			5.6	5.6			
18.0	14.4	13.8	12.5	11.7	11.2	12.4	11.0	9.6	8.8	8.1	10.3	9.0	7.7	6.9	6.2	8.8	7.6	6.5	5.7		5.6	5.6	5.6		
20.0	12.0	12.5	12.0	11.5	11.2	11.4	10.3	9.2	8.5	8.0	9.4	8.4	7.4	6.7	6.1	8.1	7.1	6.2	5.5	4.9	5.6	5.6	5.5		
22.0	10.0	10.4	10.9	11.2		10.6	9.7	8.9	8.3	8.0	8.6	7.8	7.0	6.5	6.0	7.4	6.6	5.9	5.3	4.8	5.6	5.6	5.2	4.6	
24.0	8.3	8.7	9.1	9.3		9.2	9.2	8.5	8.2		8.0	7.4	6.8	6.3	6.0	6.8	6.2	5.6	5.1	4.7	5.6	5.6	4.9	4.4	4.0
26.0	6.9	7.2	7.6	7.7		7.7	8.1	8.3	8.0		7.4	7.0	6.5	6.2	5.9	6.3	5.9	5.4	5.0	4.7	5.6	5.3	4.7	4.3	3.9
28.0	5.7	6.0	6.3	6.4		6.5	6.9	7.3	7.6		6.9	6.6	6.3	6.1		5.9	5.5	5.2	4.9	4.6	5.3	4.9	4.5	4.2	3.8
30.0	4.7	4.9	5.1			5.4	5.8	6.1	6.3		6.0	6.3	6.1	6.0		5.5	5.2	5.0	4.8		4.9	4.7	4.3	4.1	3.8
32.0	3.8	3.9	4.1			4.5	4.8	5.1			5.1	5.4	5.9	5.9		5.1	5.0	4.8	4.7		4.6	4.4	4.2	4.0	
34.0	3.0	3.1	3.2			3.7	3.9	4.2			4.2	4.6	5.0	5.2		4.7	4.7	4.6	4.6		4.3	4.2	4.0	3.9	
36.0	2.3	2.4				3.0	3.2	3.4			3.5	3.8	4.1			4.0	4.4	4.5	4.6		4.0	4.0	3.9	3.8	
38.0	1.6	1.7				2.3	2.5	2.6			2.9	3.1	3.4			3.3	3.7	4.0			3.8	3.8	3.7	3.7	
40.0	1.0	1.1				1.7	1.8				2.3	2.5	2.7			2.7	3.0	3.3			3.3	3.6	3.6	3.7	
42.0						1.2	1.3				1.7	1.9				2.2	2.4	2.7			2.7	3.1	3.4		
44.0											1.2	1.4				1.7	1.9	2.1			2.3	2.5	2.8		
46.0																1.3	1.4				1.8	2.0	2.3		
48.0																					1.4	1.6			
50.0																					1.0	1.1			
θ (°)	21-84	22-84	41-84	54-84	68-84	25-84	26-84	39-84	56-84	70-84	28-84	29-84	41-84	54-84	69-84	31-84	33-84	39-84	57-84	70-84	29-84	31-84	42-84	55-84	72-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 36 t counterweight, 8.3 m outrigger extension width.

■ Performance FB

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
7.0	21.3					14.6					13.5																		
8.0	21.3	20.9				14.6					13.5					10.8													
9.0	21.3	20.1				14.6	14.6				13.5					10.8							5.6						
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8							5.6						
11.0	20.8	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8							5.6						
12.0	19.7	17.9	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8						5.6						
14.0	17.9	16.7	14.1	12.6	11.6	14.6	13.2	10.8	9.4		12.9	10.8	8.7			10.6	9.3						5.6	5.6					
16.0	16.4	15.7	13.5	12.3	11.4	14.6	12.3	10.3	9.1	8.3	12.1	10.1	8.3	7.2		10.0	8.6	7.0					5.6	5.6					
18.0	14.5	14.7	13.0	12.0	11.3	13.3	11.5	9.9	8.9	8.1	11.0	9.4	7.9	7.0	6.2		9.4	8.0	6.6					5.6	5.6	5.6			
20.0	12.0	12.5	12.6	11.8	11.3	12.3	10.8	9.5	8.7	8.1	10.1	8.8	7.6	6.8	6.1		8.6	7.4	6.3	5.5					5.6	5.6	5.6		
22.0	10.0	10.4	10.9	11.3		10.7	10.2	9.1	8.5	8.0	9.3	8.2	7.2	6.6	6.1		7.9	7.0	6.0	5.4	4.8				5.6	5.6	5.3	4.7	
24.0	8.4	8.7	9.2	9.4		9.1	9.6	8.8	8.3	7.9	8.6	7.8	7.0	6.4	6.0		7.3	6.5	5.8	5.2	4.8				5.6	5.6	5.1	4.5	
26.0	6.9	7.3	7.6	7.9		7.6	8.1	8.5	8.1		8.0	7.4	6.7	6.3	5.9		6.8	6.2	5.5	5.1	4.7				5.6	5.5	4.9	4.4	3.9
28.0	5.7	6.0	6.3	6.5		6.4	6.8	7.3	7.6		6.9	7.0	6.5	6.1		6.3	5.8	5.3	5.0	4.6					5.6	5.2	4.7	4.2	3.9
30.0	4.7	4.9	5.2	5.3		5.4	5.7	6.1	6.4		5.9	6.3	6.3	6.0		5.9	5.5	5.1	4.8	4.6					5.3	4.9	4.5	4.1	3.8
32.0	3.8	4.0	4.2			4.4	4.7	5.1	5.3		4.9	5.3	5.9	5.9		5.4	5.2	4.9	4.7						5.0	4.7	4.3	4.0	3.8
34.0	3.0	3.1	3.3			3.6	3.9	4.2	4.3		4.1	4.5	4.9	5.2		4.6	5.0	4.8	4.7						4.7	4.4	4.1	3.9	
36.0	2.2	2.4	2.5			2.9	3.1	3.4			3.4	3.7	4.1	4.3		3.8	4.2	4.7	4.6						4.4	4.2	4.0	3.9	
38.0	1.6	1.7	1.8			2.2	2.4	2.6			2.7	3.0	3.3			3.2	3.5	4.0	4.3						3.7	4.0	3.9	3.8	
40.0	1.0	1.1				1.6	1.8	2.0			2.1	2.4	2.7			2.6	2.9	3.3							3.1	3.5	3.8	3.7	
42.0						1.1	1.2	1.3			1.6	1.8	2.0			2.0	2.3	2.7							2.6	2.9	3.4	3.6	
44.0											1.1	1.3	1.5			1.6	1.8	2.1							2.1	2.4	2.8		
46.0																1.1	1.3	1.5							1.6	1.9	2.2		
48.0																									1.2	1.5	1.7		
50.0																									1.0	1.3			
θ (°)	34-84	35-84	40-84	56-84	72-84	35-84	37-84	38-84	54-84	70-84	37-84	39-84	40-84	56-84	71-84	39-84	41-84	43-84	58-84	70-84	40-84	39-84	41-84	57-84	72-84				
Standard hook	63 t					25 t										7.3 t													
The weights of the hooks	600 kg					375 kg										300 kg													
Standard number of part lines	3					2										1													

Note: 36 t counterweight, 8.3 m outrigger extension width.

■ Performance FB

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
7.0	17.2																												
8.0	17.2																												
9.0	17.2	17.2				13.7					11.3																		
10.0	17.2	17.2				13.7					11.3					9.3									5.6				
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3									5.6				
12.0	16.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3									5.6				
14.0	15.1	14.8	14.2	12.7	11.6	13.7	13.5	11.0			11.3	10.7				9.3	8.8								5.6				
16.0	14.1	13.6	13.2	12.4	11.5	13.0	12.5	10.6	9.2		11.3	10.2	8.5			9.3	8.4								5.6	5.6			
18.0	12.9	12.7	12.3	12.1	11.4	12.0	11.7	10.1	9.0	8.2	11.2	9.7	8.1	7.0		9.2	8.0	6.7							5.6	5.6			
20.0	11.9	11.7	11.4	11.3	11.3	11.3	10.9	9.7	8.8	8.1	10.5	9.2	7.7	6.8	6.2	8.7	7.7	6.4							5.6	5.6	5.6		
22.0	10.2	10.6	10.7	10.6	10.6	10.4	10.2	9.4	8.6	8.0	9.8	8.6	7.4	6.7	6.1	8.3	7.3	6.2	5.4	4.8					5.6	5.6	5.4		
24.0	8.5	8.9	9.3	9.6		9.2	9.6	9.1	8.4	8.0	9.2	8.1	7.1	6.5	6.0	7.8	6.8	5.9	5.3	4.8					5.6	5.6	5.2	4.6	
26.0	7.1	7.4	7.8	8.1		7.8	8.2	8.8	8.3	7.9	8.3	7.7	6.9	6.4	6.0	7.2	6.5	5.7	5.1	4.7					5.6	5.6	5.0	4.4	3.9
28.0	5.9	6.2	6.5	6.7		6.5	6.9	7.4	7.8		7.0	7.3	6.7	6.2	5.9	6.8	6.1	5.5	5.0	4.7					5.6	5.5	4.8	4.3	3.9
30.0	4.9	5.1	5.4	5.6		5.5	5.8	6.3	6.6		6.0	6.4	6.4	6.1		6.3	5.8	5.3	4.9	4.6					5.6	5.2	4.6	4.2	3.8
32.0	3.9	4.2	4.4	4.5		4.6	4.9	5.3	5.5		5.0	5.4	6.0	6.0		5.5	5.5	5.1	4.8						5.3	4.9	4.4	4.1	3.8
34.0	3.1	3.3	3.5			3.7	4.0	4.4	4.5		4.2	4.6	5.1	5.4		4.6	5.1	4.9	4.7						5.0	4.7	4.3	4.0	3.8
36.0	2.4	2.6	2.8			3.0	3.3	3.6	3.7		3.5	3.8	4.2	4.5		3.9	4.3	4.8	4.7						4.4	4.4	4.1	3.9	
38.0	1.8	1.9	2.1			2.4	2.6	2.8			2.8	3.1	3.5	3.7		3.2	3.6	4.1	4.4						3.8	4.2	4.0	3.8	
40.0	1.2	1.3	1.4			1.8	2.0	2.2			2.2	2.5	2.8			2.6	3.0	3.4	3.7						3.2	3.6	3.9	3.8	
42.0						1.2	1.4	1.6			1.7	1.9	2.2			2.1	2.4	2.8	3.0						2.6	3.0	3.5	3.7	
44.0								1.0			1.2	1.4	1.6			1.6	1.9	2.2							2.1	2.5	2.9	3.1	
46.0													1.1			1.2	1.4	1.7							1.7	2.0	2.4	2.6	
48.0																	1.0	1.2							1.3	1.5	1.9		
50.0																									1.1	1.4			
θ (°)	41-84	42-84	43-84	57-84	72-84	43-84	44-84	41-84	56-84	70-84	44-84	45-84	43-84	57-84	71-84	45-84	44-84	45-84	56-84	73-84	46-84	45-84	48-84	55-84	72-84				
Standard hook	63 t					25 t										7.3 t													
The weights of the hooks	600 kg					375 kg										300 kg													
Standard number of part lines	3					2										1													

Note: 36 t counterweight, 8.3 m outrigger extension width.

■ Performance FB

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
8.0	13.5																												
9.0	13.5					11.4																							
10.0	13.5	13.5				11.4					9.6																		
11.0	13.5	13.0				11.4					9.6					8.0								5.6					
12.0	13.1	12.5	11.9			11.4	11.3				9.6					8.0								5.6					
14.0	12.1	11.6	11.0	10.7	10.6	11.1	10.5				9.6	9.6				8.0	8.0							5.6					
16.0	11.2	10.8	10.3	10.0	9.9	10.3	9.8	9.3	9.0		9.5	9.0	8.4			8.0	8.0							5.6	5.6				
18.0	10.5	10.0	9.6	9.4	9.3	9.6	9.2	8.7	8.4	8.2	8.9	8.4	7.9			8.0	7.7							5.6	5.6				
20.0	9.8	9.4	9.0	8.8	8.8	9.0	8.6	8.2	7.9	7.9	8.3	7.9	7.5	6.9										5.6	5.6				
22.0	9.1	8.8	8.5	8.3	8.3	8.4	8.1	7.7	7.5	7.5	7.8	7.4	7.0	6.7	6.1	7.3	6.9	6.3	5.5					5.6	5.6	5.2			
24.0	8.5	8.3	8.0	7.9	7.9	7.9	7.6	7.3	7.1	7.1	7.3	7.0	6.7	6.5	6.0	6.9	6.5	6.0	5.3	4.8				5.6	5.6	5.1			
26.0	7.4	7.7	7.6	7.4		7.5	7.2	6.9	6.7	6.7	6.9	6.6	6.3	6.2	6.0	6.5	6.2	5.8	5.2	4.7				5.6	5.6	4.9	4.5		
28.0	6.1	6.4	6.8	7.0		6.6	6.8	6.5	6.4		6.5	6.3	6.0	5.8	5.8	6.1	5.8	5.5	5.1	4.7				5.6	5.3	4.7	4.4	3.9	
30.0	5.1	5.4	5.7	5.8		5.6	6.0	6.2	6.1		6.0	5.9	5.7	5.6	5.6	5.8	5.5	5.3	5.0	4.6				5.3	5.1	4.6	4.2	3.9	
32.0	4.2	4.4	4.7	4.8		4.7	5.0	5.4	5.7		5.1	5.5	5.4	5.3		5.5	5.2	5.0	4.9	4.6				5.0	4.8	4.5	4.1	3.8	
34.0	3.4	3.6	3.8	3.9		3.8	4.1	4.5	4.7		4.3	4.7	5.1	5.1		4.7	5.0	4.8	4.7					4.8	4.6	4.3	4.1	3.8	
36.0	2.6	2.8	3.0	3.1		3.1	3.4	3.7	3.9		3.5	3.9	4.3	4.6		3.9	4.4	4.6	4.5					4.5	4.4	4.1	4.0	3.7	
38.0	2.0	2.2	2.3			2.5	2.7	3.0	3.1		2.9	3.2	3.6	3.8		3.3	3.7	4.2	4.3					3.8	4.2	4.0	3.9		
40.0	1.4	1.5	1.7			1.9	2.1	2.3			2.3	2.6	2.9	3.1		2.7	3.0	3.5	3.8					3.2	3.6	3.8	3.7		
42.0		1.0	1.1			1.3	1.5	1.7			1.8	2.0	2.3	2.5		2.1	2.5	2.9	3.1					2.7	3.0	3.5	3.6		
44.0							1.0	1.2			1.3	1.5	1.8			1.7	2.0	2.3	2.5					2.2	2.5	3.0	3.3		
46.0												1.1	1.3			1.2	1.5	1.8						1.7	2.0	2.3	2.6		
48.0																	1.1	1.3						1.3	1.6	1.7			
50.0																													
θ (°)	49-84	45-84	46-84	55-84	71-84	48-84	46-84	48-84	57-84	73-84	49-84	48-84	49-84	56-84	72-84	49-84	49-84	51-84	57-84	73-84	50-84	50-84	55-84	59-84	72-84				
Standard hook	25 t																				7.3 t								
The weights of the hooks	375 kg																				300 kg								
Standard number of part lines	2																				1								

Note: 36 t counterweight, 8.3 m outrigger extension width.

■ Performance FB

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
9.0	10.8																											
10.0	10.7	10.0				9.2																						
11.0	10.3	9.6				9.2					7.8																	
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9								5.0				
14.0	9.0	8.6	8.0	7.6	7.4	8.3	7.7				7.5	6.9				5.9								5.0				
16.0	8.3	8.0	7.5	7.1	7.0	7.7	7.2	6.6			7.0	6.4				5.9	5.8							5.0				
18.0	7.7	7.4	7.0	6.7	6.6	7.2	6.7	6.2	5.9	5.7	6.6	6.0	5.5			5.9	5.5							5.0	5.0			
20.0	7.1	6.9	6.6	6.4	6.3	6.6	6.3	5.8	5.6	5.4	6.2	5.7	5.2	4.9		5.6	5.2	4.7						5.0	4.7			
22.0	6.6	6.4	6.2	6.0	6.0	6.2	5.9	5.5	5.3	5.2	5.8	5.4	4.9	4.7	4.6	5.3	4.9	4.4						4.8	4.4	4.0		
24.0	6.2	6.0	5.8	5.6	5.6	5.7	5.5	5.2	5.0	4.9	5.4	5.1	4.7	4.4	4.4	5.0	4.6	4.2	4.0					4.6	4.2	3.8		
26.0	5.7	5.6	5.4	5.3	5.3	5.4	5.2	5.0	4.8	4.7	5.0	4.8	4.4	4.2	4.2	4.7	4.4	4.0	3.8	3.7				4.3	4.0	3.6	3.4	
28.0	5.4	5.2	5.1	5.0		5.0	4.8	4.7	4.6	4.5	4.7	4.5	4.2	4.0	4.0	4.4	4.1	3.8	3.6	3.6				4.1	3.8	3.5	3.3	3.2
30.0	5.0	4.9	4.8	4.7		4.7	4.5	4.4	4.3		4.4	4.2	4.0	3.9	3.8	4.1	3.9	3.6	3.5	3.4				3.9	3.6	3.3	3.1	3.1
32.0	4.4	4.6	4.5	4.4		4.4	4.3	4.1	4.1		4.1	4.0	3.8	3.7	3.7	3.9	3.7	3.5	3.3	3.3				3.7	3.4	3.1	3.0	2.9
34.0	3.6	3.8	4.1	4.2		4.0	4.0	3.9	3.8		3.9	3.8	3.6	3.5		3.7	3.5	3.3	3.2	3.2				3.5	3.2	3.0	2.9	2.8
36.0	2.9	3.1	3.3	3.4		3.3	3.6	3.7	3.6		3.7	3.5	3.4	3.4		3.5	3.3	3.2	3.0				3.3	3.1	2.9	2.7	2.7	
38.0	2.2	2.4	2.6	2.7		2.6	2.9	3.2	3.4		3.0	3.3	3.2	3.2		3.3	3.1	3.0	2.9				3.1	3.0	2.7	2.6		
40.0	1.6	1.8	2.0			2.1	2.3	2.6	2.7		2.2	2.6	3.1	3.0		3.0	3.0	2.9	2.8				2.9	2.8	2.6	2.5		
42.0	1.1	1.2	1.4			1.5	1.7	2.0	2.1		1.6	1.9	2.3	2.6		2.4	2.8	2.7	2.7				2.7	2.6	2.5	2.4		
44.0						1.0	1.2	1.4			1.0	1.3	1.7	1.8		1.9	2.3	2.6	2.5				2.3	2.5	2.4	2.3		
46.0													1.0			1.5	1.8	2.1	2.3				1.8	2.2	2.3	2.3		
48.0																1.1	1.3	1.6					1.4	1.7	2.1	2.2		
50.0																		1.2					1.0	1.3	1.7	1.9		
θ (°)	49-84	50-84	51-84	57-84	71-84	50-84	51-84	53-84	56-84	72-84	53-84	54-84	54-84	57-84	71-84	51-84	53-84	53-84	46-84	35-84	51-84	51-84	51-84	50-84	36-84			
Standard hook	25 t																				7.3 t							
The weights of the hooks	375 kg																				300 kg							
Standard number of part lines	2																				1							

Note: 36 t counterweight, 8.3 m outrigger extension width.

■ Performance FB

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
10.0	8.5																												
11.0	8.2	7.7				6.8																							
12.0	7.8	7.4				6.8					5.8																		
14.0	7.2	6.8	6.4			6.6	6.1				5.8																		
16.0	6.6	6.3	5.9	5.7	5.6	6.1	5.7	5.3			5.6	5.2																	
18.0	6.1	5.8	5.5	5.3	5.2	5.6	5.3	4.9	4.7		5.2	4.9	4.5			4.8								4.3					
20.0	5.7	5.4	5.2	5.0	4.9	5.2	4.9	4.6	4.4	4.3	4.8	4.5	4.2			4.5								4.2					
22.0	5.3	5.1	4.8	4.7	4.6	4.9	4.6	4.3	4.2	4.1	4.5	4.2	3.9	3.8	3.7	4.2	3.9							3.9	3.6				
24.0	4.9	4.7	4.5	4.4	4.3	4.6	4.3	4.1	3.9	3.9	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.4							3.7	3.4			
26.0	4.5	4.4	4.2	4.1	4.1	4.3	4.0	3.8	3.7	3.6	3.9	3.7	3.5	3.3	3.3	3.7	3.5	3.2							3.4	3.2	3.0		
28.0	4.2	4.1	4.0	3.9		3.9	3.8	3.6	3.5	3.4	3.7	3.5	3.3	3.2	3.1	3.5	3.2	3.0	2.9	2.9					3.2	3.0	2.8		
30.0	3.9	3.8	3.7	3.7		3.7	3.6	3.4	3.3	3.3	3.5	3.3	3.1	3.0	3.0	3.2	3.0	2.9	2.7	2.7					3.0	2.8	2.6	2.5	2.5
32.0	3.6	3.5	3.4	3.4		3.4	3.3	3.2	3.1		3.3	3.1	2.9	2.8	2.8	3.0	2.9	2.7	2.6	2.6					2.8	2.7	2.5	2.4	2.4
34.0	3.3	3.3	3.2	3.2		3.2	3.1	3.0	2.9		3.0	2.9	2.8	2.7		2.9	2.7	2.5	2.5	2.4					2.7	2.5	2.4	2.3	2.2
36.0	3.1	3.0	3.0	2.9		2.9	2.9	2.8	2.8		2.8	2.7	2.6	2.5		2.7	2.5	2.4	2.3	2.3					2.5	2.4	2.2	2.1	2.1
38.0	2.4	2.6	2.8	2.7		2.7	2.7	2.6	2.6		2.6	2.6	2.5	2.4		2.5	2.4	2.3	2.2						2.4	2.2	2.1	2.0	2.0
40.0	1.8	2.0	2.2	2.3		2.4	2.5	2.4	2.4		2.4	2.4	2.3	2.3		2.3	2.3	2.1	2.1						2.2	2.1	2.0	1.9	
42.0	1.3	1.4	1.6			1.8	2.1	2.3	2.3		2.2	2.2	2.2	2.2		2.2	2.1	2.0	2.0						2.1	2.0	1.9	1.8	
44.0			1.1			1.4	1.6	1.8	1.9		1.7	2.0	2.0	2.0		2.0	2.0	1.9	1.9						2.0	1.9	1.8	1.7	
46.0							1.1	1.3			1.3	1.5	1.8	1.9		1.6	1.9	1.8	1.8						1.8	1.8	1.7	1.6	
48.0												1.1	1.3			1.2	1.5	1.7	1.7						1.5	1.7	1.6	1.5	
50.0																	1.1	1.4							1.1	1.4	1.5	1.5	
θ (°)	53-84	54-84	53-84	58-84	73-84	54-84	53-84	54-84	57-84	72-84	55-84	54-84	56-84	59-84	73-84	55-84	55-84	57-84	60-84	72-84	56-84	58-84	60-84	61-84	74-84				
Standard hook	25 t										7.3 t																		
The weights of the hooks	375 kg										300 kg																		
Standard number of part lines	2										1																		

Note: 36 t counterweight, 8.3 m outrigger extension width.

■ Performance FB

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
10.0	5.6																												
11.0	5.6																												
12.0	5.6	5.6				5.1																							
14.0	5.6	5.6	5.6			5.1	5.1				4.6					4.3													
16.0	5.6	5.6	5.4	5.2	5.1	5.1	5.1				4.6	4.6				4.3													
18.0	5.6	5.3	5.1	4.9	4.8	5.1	4.9	4.6			4.6	4.5				4.3	4.2									4.0			
20.0	5.2	5.0	4.7	4.6	4.5	4.8	4.5	4.3	4.0	3.7	4.5	4.2	3.9			4.2	3.9								3.9	3.6			
22.0	4.8	4.6	4.4	4.3	4.2	4.5	4.2	4.0	3.6	3.3	4.2	3.9	3.6	3.1		3.9	3.6	3.2							3.6	3.4			
24.0	4.4	4.3	4.1	4.0	3.8	4.2	4.0	3.7	3.3	3.1	3.9	3.7	3.3	2.8	2.6	3.6	3.4	2.9	2.5						3.4	3.2	2.6		
26.0	4.1	4.0	3.9	3.6	3.4	3.9	3.7	3.4	3.0	2.8	3.6	3.4	2.9	2.6	2.3	3.4	3.2	2.6	2.2	2.0					3.2	2.9	2.3		
28.0	3.8	3.7	3.6	3.3	3.1	3.6	3.5	3.0	2.7	2.5	3.4	3.1	2.6	2.3	2.1	3.2	2.8	2.3	2.0	1.8					3.0	2.6	2.1	1.8	
30.0	3.5	3.4	3.2	3.0		3.3	3.2	2.7	2.4	2.3	3.2	2.8	2.4	2.1	1.9	3.0	2.5	2.1	1.8	1.7					2.7	2.3	1.9	1.6	1.5
32.0	3.2	3.1	2.9	2.7		3.1	3.0	2.4	2.2		2.8	2.5	2.1	1.9	1.8	2.6	2.2	1.9	1.6	1.5					2.4	2.0	1.7	1.5	1.3
34.0	3.0	2.9	2.6	2.4		2.8	2.8	2.2	2.0		2.5	2.2	1.9	1.7	1.6	2.3	2.0	1.7	1.5	1.4					2.1	1.8	1.5	1.3	1.2
36.0	2.8	2.5	2.3	2.1		2.6	2.5	1.9	1.8		2.2	1.9	1.7	1.5		2.0	1.8	1.5	1.3	1.2					1.8	1.6	1.3	1.2	1.1
38.0	2.4	2.2	2.0	1.9		2.4	2.2	1.7	1.6		1.9	1.7	1.5	1.3		1.8	1.5	1.3	1.2						1.6	1.4	1.2	1.0	
40.0	1.9	1.9	1.8	1.7		2.1	1.9	1.5	1.4		1.7	1.5	1.3	1.2		1.5	1.3	1.1	1.0						1.4	1.2	1.0		
42.0	1.4	1.6	1.5	1.5		1.8	1.7	1.3	1.2		1.4	1.3	1.1	1.0		1.3	1.2	1.0							1.2	1.0			
44.0		1.0	1.2			1.3	1.5	1.1	1.1		1.2	1.1	1.0			1.1	1.0								1.0				
46.0							1.0	1.0			1.0																		
θ (°)	57-84	55-84	56-84	59-84	72-84	57-84	56-84	57-84	60-84	73-84	57-84	60-84	62-84	65-84	72-84	61-84	63-84	66-84	69-84	73-84	63-84	66-84	70-84	73-84	76-84				
Standard hook	7.3 t																												
The weights of the hooks	300 kg																												
Standard number of part lines	1																												

Note: 36 t counterweight, 8.3 m outrigger extension width.

■ Performance FC

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
7.0	25.5	20.2				14.6	14.6				13.9					13.5						5.6				
8.0	23.8	19.3	15.6			14.6	14.6				13.9					13.5						5.6				
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6				13.1						5.6				
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0				12.6	10.4					5.6				
11.0	19.8	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4				12.2	9.9					5.6	5.6			
12.0	18.8	16.2	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9			11.4	9.4					5.6	5.6			
14.0	16.9	15.0	13.2	12.2	11.4	14.0	12.1	10.3	9.2	8.3	11.7	10.0	8.4			10.1	8.6	7.1				5.6	5.6			
16.0	15.3	14.0	12.6	11.8	11.3	12.6	11.2	9.8	8.9	8.2	10.5	9.2	7.9	7.1	6.3	9.1	7.9	6.7				5.6	5.6			
18.0	12.5	13.0	12.1	11.6	11.2	11.5	10.4	9.3	8.6	8.1	9.5	8.5	7.5	6.8	6.2	8.2	7.3	6.3	5.6			5.6	5.6	5.6		
20.0	10.3	10.7	11.2	11.3		10.5	9.7	8.9	8.4	8.0	8.7	7.9	7.1	6.6	6.1	7.5	6.8	6.0	5.4	4.9		5.6	5.6	5.3	4.7	
22.0	8.4	8.8	9.2	9.5		9.3	9.1	8.6	8.2		8.0	7.4	6.8	6.4	6.0	6.8	6.3	5.7	5.2	4.8		5.6	5.6	5.1	4.5	
24.0	6.9	7.2	7.6	7.8		7.8	8.2	8.2	8.0		7.4	7.0	6.5	6.2	6.0	6.3	5.9	5.4	5.1	4.7		5.6	5.3	4.8	4.4	4.0
26.0	5.4	5.8	6.1	6.2		6.4	6.8	7.3	7.6		6.8	6.6	6.3	6.1		5.8	5.5	5.2	4.9	4.7		5.3	5.0	4.6	4.2	3.9
28.0	4.1	4.4	4.7			5.1	5.5	6.0	6.2		5.8	6.2	6.0	6.0		5.4	5.2	5.0	4.8			4.9	4.7	4.4	4.1	3.8
30.0	2.9	3.2	3.4			4.0	4.3	4.7			4.7	5.1	5.7	5.9		5.0	4.9	4.8	4.7			4.5	4.4	4.2	4.0	3.8
32.0	1.8	2.0	2.1			2.9	3.3	3.6			3.7	4.1	4.6			4.3	4.7	4.6	4.6			4.2	4.1	4.0	3.9	
34.0		1.0				1.9	2.2	2.4			2.8	3.2	3.6			3.5	3.9	4.4	4.6			3.9	3.9	3.9	3.8	
36.0						1.1	1.3				1.9	2.2	2.6			2.6	3.1	3.5				3.4	3.7	3.7	3.7	
38.0											1.1	1.4	1.6			1.9	2.3	2.7				2.7	3.1	3.6	3.7	
40.0																1.2	1.5	1.8				2.0	2.4	2.9		
42.0																						1.3	1.7	2.1		
44.0																							1.0	1.3		
θ (°)	34-84	29-84	36-84	52-84	68-84	31-84	32-84	39-84	54-84	70-84	33-84	35-84	37-84	57-84	69-84	35-84	38-84	40-84	55-84	71-84	37-84	36-84	38-84	53-84	69-84	
Standard hook	63 t					25 t					7.3 t															
The weights of the hooks	600 kg					375 kg					300 kg															
Standard number of part lines	4					2					1															

Note: 24 t counterweight, 8.3 m outrigger extension width.

■ Performance FC

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
7.0	26.6	20.9				14.6					13.9											5.6				
8.0	25.3	19.9				14.6	14.6				13.9					12.3						5.6				
9.0	23.7	19.1	15.4			14.6	14.6				13.9					12.3						5.6				
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4				12.3						5.6				
11.0	21.2	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8				12.0	10.2					5.6				
12.0	20.1	16.9	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3				11.6	9.7					5.6	5.6			
14.0	18.2	15.7	13.6	12.3	11.4	14.6	12.7	10.6	9.3	8.4	12.5	10.4	8.6			10.8	8.9					5.6	5.6			
16.0	15.4	14.7	13.0	12.0	11.3	13.6	11.8	10.1	9.0	8.2	11.3	9.6	8.1	7.1		9.7	8.2	6.8				5.6	5.6			
18.0	12.6	13.1	12.5	11.7	11.2	12.4	11.0	9.6	8.8	8.1	10.3	9.0	7.7	6.9	6.2	8.8	7.6	6.5	5.7			5.6	5.6	5.6		
20.0	10.3	10.8	11.3	11.5	11.2	11.2	10.3	9.2	8.5	8.0	9.4	8.4	7.4	6.7	6.1	8.1	7.1	6.2	5.5	4.9		5.6	5.6	5.5		
22.0	8.5	8.9	9.3	9.6		9.3	9.7	8.9	8.3	8.0	8.6	7.8	7.0	6.5	6.0	7.4	6.6	5.9	5.3	4.8		5.6	5.6	5.2	4.6	
24.0	6.9	7.3	7.7	7.9		7.7	8.2	8.5	8.2		8.0	7.4	6.8	6.3	6.0	6.8	6.2	5.6	5.1	4.7		5.6	5.6	4.9	4.4	4.0
26.0	5.5	5.8	6.2	6.4		6.4	6.8	7.4	7.7		7.0	7.0	6.5	6.2	5.9	6.3	5.9	5.4	5.0	4.7		5.6	5.3	4.7	4.3	3.9
28.0	4.2	4.5	4.8	5.0		5.1	5.5	6.1	6.4		5.8	6.3	6.3	6.1		5.9	5.5	5.2	4.9	4.6		5.3	4.9	4.5	4.2	3.8
30.0	3.0	3.3	3.6			4.0	4.3	4.8	5.0		4.6	5.1	5.7	6.0		5.2	5.2	5.0	4.8			4.9	4.7	4.3	4.1	3.8
32.0	1.9	2.1	2.4			2.9	3.3	3.7			3.6	4.1	4.6	4.9		4.2	4.7	4.8	4.7			4.6	4.4	4.2	4.0	
34.0		1.1	1.3			1.9	2.3	2.6			2.7	3.2	3.6	3.9		3.4	3.8	4.4	4.6			4.0	4.2	4.0	3.9	
36.0						1.1	1.4	1.6			1.8	2.3	2.7			2.5	3.0	3.6	3.9			3.3	3.8	3.9	3.8	
38.0											1.1	1.4	1.8			1.7	2.2	2.8				2.5	3.0	3.6	3.7	
40.0													1.0			1.1	1.5	1.9				1.8	2.3	2.9	3.2	
42.0																	1.1					1.2	1.6	2.2		
44.0																							1.0	1.4		
θ (°)	43-84	40-84	40-84	54-84	68-84	40-84	42-84	43-84	56-84	70-84	41-84	43-84	41-84	54-84	69-84	42-84	45-84	43-84	56-84	70-84	44-84	43-84	46-84	55-84	72-84	
Standard hook	63 t					25 t					7.3 t															
The weights of the hooks	600 kg					375 kg					300 kg															
Standard number of part lines	4					2					1															

Note: 24 t counterweight, 8.3 m outrigger extension width.

■ Performance FC

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
7.0	21.3					14.6					13.5																	
8.0	21.3	20.9				14.6					13.5					10.8												
9.0	21.3	20.1				14.6	14.6				13.5					10.8							5.6					
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8							5.6					
11.0	20.8	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8							5.6					
12.0	19.7	17.9	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8						5.6					
14.0	17.9	16.7	14.1	12.6	11.6	14.6	13.2	10.8	9.4		12.9	10.8	8.7			10.6	9.3						5.6	5.6				
16.0	15.4	15.7	13.5	12.3	11.4	14.6	12.3	10.3	9.1	8.3	12.1	10.1	8.3	7.2		10.0	8.6	7.0					5.6	5.6				
18.0	12.6	13.1	13.0	12.0	11.3	13.3	11.5	9.9	8.9	8.1	11.0	9.4	7.9	7.0	6.2	9.4	8.0	6.6					5.6	5.6	5.6			
20.0	10.3	10.8	11.4	11.8	11.3	11.1	10.8	9.5	8.7	8.1	10.1	8.8	7.6	6.8	6.1	8.6	7.4	6.3	5.5					5.6	5.6	5.6		
22.0	8.5	8.9	9.4	9.7		9.2	9.8	9.1	8.5	8.0	9.3	8.2	7.2	6.6	6.1	7.9	7.0	6.0	5.4	4.8			5.6	5.6	5.3	4.7		
24.0	6.9	7.3	7.7	8.0		7.7	8.1	8.8	8.3	7.9	8.2	7.8	7.0	6.4	6.0	7.3	6.5	5.8	5.2	4.8			5.6	5.6	5.1	4.5		
26.0	5.5	5.9	6.3	6.5		6.3	6.8	7.3	7.7		6.9	7.4	6.7	6.3	5.9	6.8	6.2	5.5	5.1	4.7			5.6	5.5	4.9	4.4	3.9	
28.0	4.2	4.5	4.9	5.1		5.0	5.5	6.1	6.4		5.6	6.2	6.5	6.1		6.2	5.8	5.3	5.0	4.6			5.6	5.2	4.7	4.2	3.9	
30.0	3.0	3.3	3.7	3.9		3.9	4.3	4.8	5.1		4.5	5.0	5.7	6.0		5.0	5.5	5.1	4.8	4.6			5.3	4.9	4.5	4.1	3.8	
32.0	1.9	2.2	2.5			2.8	3.3	3.7	3.9		3.5	4.0	4.6	5.0		4.0	4.6	4.9	4.7				4.7	4.7	4.3	4.0	3.8	
34.0		1.2	1.4			1.8	2.2	2.7	2.9		2.5	3.1	3.6	3.9		3.2	3.7	4.4	4.7				3.8	4.4	4.1	3.9		
36.0						1.0	1.3	1.7			1.7	2.1	2.7	3.0		2.3	2.9	3.5	3.9				3.1	3.6	4.0	3.9		
38.0												1.3	1.8			1.5	2.1	2.7	3.0				2.3	2.9	3.6	3.8		
40.0													1.0				1.3	1.9					1.6	2.2	2.8	3.2		
42.0																		1.1					1.0	1.5	2.1	2.5		
44.0																											1.4	
θ (°)	49-84	47-84	48-84	55-84	72-84	46-84	48-84	50-84	54-84	70-84	50-84	49-84	48-84	56-84	71-84	51-84	50-84	50-84	58-84	70-84	49-84	52-84	52-84	57-84	72-84			
Standard hook	63 t					25 t										7.3 t												
The weights of the hooks	600 kg					375 kg										300 kg												
Standard number of part lines	3					2										1												

Note: 24 t counterweight, 8.3 m outrigger extension width.

■ Performance FC

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
7.0	17.2																											
8.0	17.2																											
9.0	17.2	17.2				13.7					11.3																	
10.0	17.2	17.2				13.7					11.3					9.3								5.6				
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3								5.6				
12.0	16.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3								5.6				
14.0	15.1	14.8	14.2	12.7	11.6	13.7	13.5	11.0			11.3	10.7				9.3	8.8							5.6				
16.0	14.1	13.6	13.2	12.4	11.5	13.0	12.5	10.6	9.2		11.3	10.2	8.5			9.3	8.4							5.6	5.6			
18.0	12.8	12.7	12.3	12.1	11.4	12.0	11.7	10.1	9.0	8.2	11.2	9.7	8.1	7.0		9.2	8.0	6.7						5.6	5.6			
20.0	10.5	11.0	11.4	11.3	11.3	11.2	10.9	9.7	8.8	8.1	10.5	9.2	7.7	6.8	6.2	8.7	7.7	6.4						5.6	5.6	5.6		
22.0	8.7	9.1	9.6	9.9	10.1	9.3	9.9	9.4	8.6	8.0	9.8	8.6	7.4	6.7	6.1	8.3	7.3	6.2	5.4	4.8			5.6	5.6	5.4			
24.0	7.1	7.5	7.9	8.2		7.8	8.3	8.9	8.4	8.0	8.3	8.1	7.1	6.5	6.0	7.8	6.8	5.9	5.3	4.8			5.6	5.6	5.2	4.6		
26.0	5.7	6.1	6.5	6.8		6.5	6.9	7.5	7.9	7.9	7.0	7.5	6.9	6.4	6.0	7.2	6.5	5.7	5.1	4.7			5.6	5.6	5.0	4.4	3.9	
28.0	4.4	4.8	5.2	5.4		5.2	5.6	6.2	6.6		5.7	6.3	6.7	6.2	5.9	6.2	6.1	5.5	5.0	4.7			5.6	5.5	4.8	4.3	3.9	
30.0	3.2	3.6	4.0	4.2		4.0	4.5	5.0	5.3		4.6	5.1	5.8	6.1		5.1	5.8	5.3	4.9	4.6			5.6	5.2	4.6	4.2	3.8	
32.0	2.1	2.4	2.8	3.0		3.0	3.5	3.9	4.2		3.6	4.1	4.7	5.2		4.1	4.7	5.1	4.8				4.8	4.9	4.4	4.1	3.8	
34.0	1.1	1.4	1.7			2.0	2.4	2.9	3.2		2.7	3.2	3.8	4.1		3.3	3.8	4.5	4.7				3.9	4.5	4.3	4.0	3.8	
36.0						1.1	1.5	1.9	2.1		1.8	2.3	2.9	3.2		2.4	3.0	3.6	4.1				3.1	3.7	4.1	3.9		
38.0								1.1			1.0	1.5	2.0	2.3		1.6	2.2	2.9	3.2				2.4	3.0	3.7	3.8		
40.0													1.2				1.4	2.0	2.4				1.7	2.2	2.9	3.4		
42.0																		1.3	1.6				1.0	1.6	2.2	2.7		
44.0																											1.5	1.9
46.0																												1.2
θ (°)	51-84	52-84	53-84	57-84	71-84	51-84	53-84	51-84	55-84	70-84	52-84	54-84	53-84	57-84	71-84	55-84	55-84	54-84	56-84	73-84	53-84	56-84	56-84	54-84	72-84			
Standard hook	63 t					25 t										7.3 t												
The weights of the hooks	600 kg					375 kg										300 kg												
Standard number of part lines	3					2										1												

Note: 24 t counterweight, 8.3 m outrigger extension width.

■ Performance FC

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
8.0	13.5																											
9.0	13.5					11.4																						
10.0	13.5	13.5				11.4					9.6																	
11.0	13.5	13.0				11.4					9.6					8.0								5.6				
12.0	13.1	12.5	11.9			11.4	11.3				9.6					8.0								5.6				
14.0	12.1	11.6	11.0	10.7	10.6	11.1	10.5				9.6	9.6				8.0	8.0							5.6				
16.0	11.2	10.8	10.3	10.0	9.9	10.3	9.8	9.3	9.0		9.5	9.0	8.4			8.0	8.0							5.6	5.6			
18.0	10.5	10.0	9.6	9.4	9.3	9.6	9.2	8.7	8.4	8.2	8.9	8.4	7.9			8.0	7.7							5.6	5.6			
20.0	9.8	9.4	9.0	8.8	8.8	9.0	8.6	8.2	7.9	7.9	8.3	7.9	7.5	6.9		7.7	7.3	6.5						5.6	5.6			
22.0	8.9	8.8	8.5	8.3	8.3	8.4	8.1	7.7	7.5	7.5	7.8	7.4	7.0	6.7	6.1	7.3	6.9	6.3	5.5					5.6	5.6	5.2		
24.0	7.4	7.7	8.0	7.9	7.9	7.9	7.6	7.3	7.1	7.1	7.3	7.0	6.7	6.5	6.0	6.9	6.5	6.0	5.3	4.8				5.6	5.6	5.1		
26.0	6.0	6.4	6.8	7.1		6.6	7.0	6.9	6.7	6.7	6.9	6.6	6.3	6.2	6.0	6.5	6.2	5.8	5.2	4.7				5.6	5.6	4.9	4.5	
28.0	4.7	5.1	5.5	5.7		5.3	5.8	6.4	6.4		5.8	6.3	6.0	5.8	5.8	6.1	5.8	5.5	5.1	4.7				5.6	5.3	4.7	4.4	3.9
30.0	3.6	3.9	4.3	4.5		4.2	4.6	5.1	5.5		4.7	5.2	5.7	5.6	5.6	5.1	5.5	5.3	5.0	4.6				5.3	5.1	4.6	4.2	3.9
32.0	2.4	2.8	3.2	3.4		3.1	3.6	4.1	4.4		3.7	4.2	4.9	5.3		4.2	4.8	5.0	4.9	4.6				4.8	4.8	4.5	4.1	3.8
34.0	1.5	1.8	2.1	2.3		2.1	2.6	3.1	3.4		2.8	3.3	3.9	4.3		3.3	3.9	4.6	4.7					3.9	4.6	4.3	4.1	3.8
36.0			1.2	1.3		1.3	1.7	2.1	2.4		1.9	2.4	3.0	3.4		2.5	3.1	3.7	4.2					3.2	3.8	3.7	4.0	3.7
38.0								1.3	1.5		1.1	1.6	2.2	2.5		1.7	2.3	3.0	3.4					2.4	3.0	3.0	3.5	
40.0													1.4	1.7		1.0	1.5	2.2	2.6					1.7	2.3	2.3	2.8	
42.0																		1.4	1.8					1.1	1.6	1.7	2.1	
44.0																			1.1					1.0	1.0	1.4		
θ (°)	55-84	56-84	54-84	55-84	71-84	55-84	57-84	56-84	56-84	73-84	55-84	57-84	57-84	58-84	72-84	56-84	58-84	58-84	57-84	73-84	56-84	57-84	59-84	61-84	72-84			
Standard hook	25 t																						7.3 t					
The weights of the hooks	375 kg																						300 kg					
Standard number of part lines	2																						1					

Note: 24 t counterweight, 8.3 m outrigger extension width.

■ Performance FC

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
9.0	10.8																												
10.0	10.7	10.0				9.2																							
11.0	10.3	9.6				9.2					7.8																		
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9								5.0					
14.0	9.0	8.6	8.0	7.6	7.4	8.3	7.7				7.5	6.9				5.9								5.0					
16.0	8.3	8.0	7.5	7.1	7.0	7.7	7.2	6.6			7.0	6.4				5.9	5.8							5.0					
18.0	7.7	7.4	7.0	6.7	6.6	7.2	6.7	6.2	5.9	5.7	6.6	6.0	5.5			5.9	5.5							5.0	5.0				
20.0	7.1	6.9	6.6	6.4	6.3	6.6	6.3	5.8	5.6	5.4	6.2	5.7	5.2	4.9		5.6	5.2	4.7						5.0	4.7				
22.0	6.6	6.4	6.2	6.0	6.0	6.2	5.9	5.5	5.3	5.2	5.8	5.4	4.9	4.7	4.6	5.3	4.9	4.4						4.8	4.4	4.0			
24.0	6.2	6.0	5.8	5.6	5.6	5.7	5.5	5.2	5.0	4.9	5.4	5.1	4.7	4.4	4.4	5.0	4.6	4.2	4.0					4.6	4.2	3.8			
26.0	5.7	5.6	5.4	5.3	5.3	5.4	5.2	5.0	4.8	4.7	5.0	4.8	4.4	4.2	4.2	4.7	4.4	4.0	3.8	3.7				4.3	4.0	3.6	3.4		
28.0	5.0	5.2	5.1	5.0		5.0	4.8	4.7	4.6	4.5	4.7	4.5	4.2	4.0	4.0	4.4	4.1	3.8	3.6	3.6				4.1	3.8	3.5	3.3	3.2	
30.0	3.9	4.2	4.6	4.7		4.4	4.5	4.4	4.3		3.9	4.2	4.0	3.9	3.8	4.1	3.9	3.6	3.5	3.4				3.9	3.6	3.3	3.1	3.1	
32.0	2.8	3.1	3.5	3.7		3.4	3.8	4.1	4.1		3.0	3.5	3.8	3.7	3.7	3.9	3.7	3.5	3.3	3.3				3.7	3.4	3.1	3.0	2.9	
34.0	1.8	2.1	2.5	2.7		2.4	2.9	3.4	3.7		2.1	2.6	3.2	3.5		3.7	3.5	3.3	3.2	3.2				3.5	3.2	3.0	2.9	2.8	
36.0		1.2	1.5	1.7		1.5	2.0	2.4	2.7		1.3	1.8	2.4	2.8		2.9	3.3	3.2	3.0					3.3	3.1	2.9	2.7	2.7	
38.0							1.2	1.6	1.8			1.1	1.6	2.0		2.1	2.7	3.0	2.9					2.5	3.0	2.7	2.6		
40.0									1.0					1.2		1.4	1.9	2.6	2.8					1.8	2.5	2.6	2.5		
42.0																	1.2	1.8	2.2					1.2	1.8	2.5	2.4		
44.0																		1.2	1.5						1.2	1.8	2.3		
46.0																										1.2	1.6		
48.0																												1.0	
θ (°)	58-84	57-84	58-84	59-84	71-84	59-84	58-84	60-84	58-84	72-84	61-84	60-84	63-84	61-84	71-84	59-84	59-84	60-84	61-84	73-84	59-84	60-84	61-84	60-84	60-84	74-84			
Standard hook	25 t																						7.3 t						
The weights of the hooks	375 kg																						300 kg						
Standard number of part lines	2																						1						

Note: 24 t counterweight, 8.3 m outrigger extension width.

■ Performance FD

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9					13.5					5.6				
8.0	23.8	19.3	15.6			14.6	14.6				13.9					13.5					5.6				
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6				13.1					5.6				
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0				12.6	10.4				5.6				
11.0	19.8	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4				12.2	9.9				5.6	5.6			
12.0	18.8	16.2	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9			11.4	9.4				5.6	5.6			
14.0	16.6	15.0	13.2	12.2	11.4	14.0	12.1	10.3	9.2	8.3	11.7	10.0	8.4			10.1	8.6	7.1			5.6	5.6			
16.0	12.2	13.0	12.6	11.8	11.3	12.6	11.2	9.8	8.9	8.2	10.5	9.2	7.9	7.1	6.3	9.1	7.9	6.7			5.6	5.6			
18.0	9.0	9.7	10.5	11.1	11.2	10.2	10.4	9.3	8.6	8.1	9.5	8.5	7.5	6.8	6.2	8.2	7.3	6.3	5.6		5.6	5.6	5.6		
20.0	6.6	7.1	7.8	8.3		7.7	8.5	8.9	8.4	8.0	8.5	7.9	7.1	6.6	6.1	7.5	6.8	6.0	5.4	4.9	5.6	5.6	5.3	4.7	
22.0	4.7	5.2	5.7	6.1		5.8	6.4	7.3	7.9		6.6	7.4	6.8	6.4	6.0	6.8	6.3	5.7	5.2	4.8	5.6	5.6	5.1	4.5	
24.0	3.2	3.6	4.1	4.3		4.3	4.8	5.5	6.0		5.0	5.7	6.5	6.2	6.0	5.7	5.9	5.4	5.1	4.7	5.6	5.3	4.8	4.4	4.0
26.0	2.0	2.3	2.7	2.8		3.0	3.5	4.0	4.4		3.7	4.4	5.1	5.7		4.4	5.1	5.2	4.9	4.7	5.2	5.0	4.6	4.2	3.9
28.0		1.1	1.4			1.9	2.4	2.8	3.1		2.7	3.2	3.9	4.3		3.3	4.0	4.8	4.8		4.0	4.7	4.4	4.1	3.8
30.0							1.3	1.8			1.8	2.2	2.8	3.1		2.4	3.0	3.7	4.3		3.1	3.8	4.2	4.0	3.8
32.0												1.3	1.9			1.6	2.1	2.8	3.2		2.3	2.9	3.7	3.9	
34.0																1.3	1.9	2.2			1.6	2.2	2.9	3.4	
36.0																	1.1				1.5	2.1	2.5		
38.0																						1.4	1.7		
θ (°)	48-84	45-84	46-84	51-84	68-84	48-84	47-84	49-84	54-84	70-84	49-84	48-84	51-84	56-84	69-84	50-84	49-84	49-84	54-84	71-84	51-84	51-84	51-84	53-84	69-84
Standard hook	63 t					25 t															7.3 t				
The weights of the hooks	600 kg					375 kg															300 kg				
Standard number of part lines	4					2															1				

Note: 12 t counterweight, 8.3 m outrigger extension width.

■ Performance FD

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9										5.6				
8.0	25.3	19.9				14.6	14.6				13.9					12.3					5.6				
9.0	23.7	19.1	15.4			14.6	14.6				13.9					12.3					5.6				
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4				12.3					5.6				
11.0	21.2	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8				12.0	10.2				5.6				
12.0	20.1	16.9	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3				11.6	9.7				5.6	5.6			
14.0	16.6	15.7	13.6	12.3	11.4	14.6	12.7	10.6	9.3	8.4	12.5	10.4	8.6			10.8	8.9				5.6	5.6			
16.0	12.3	13.1	13.0	12.0	11.3	13.5	11.8	10.1	9.0	8.2	11.3	9.6	8.1	7.1		9.7	8.2	6.8			5.6	5.6			
18.0	9.0	9.7	10.6	11.3	11.2	10.2	11.0	9.6	8.8	8.1	10.3	9.0	7.7	6.9	6.2	8.8	7.6	6.5	5.7		5.6	5.6	5.6		
20.0	6.6	7.2	7.9	8.4	8.6	7.7	8.5	9.2	8.5	8.0	8.5	8.4	7.4	6.7	6.1	8.1	7.1	6.2	5.5	4.9	5.6	5.6	5.5		
22.0	4.8	5.3	5.9	6.2		5.8	6.5	7.3	8.0	8.0	6.5	7.4	7.0	6.5	6.0	7.1	6.6	5.9	5.3	4.8	5.6	5.6	5.2	4.6	
24.0	3.3	3.7	4.2	4.5		4.3	4.8	5.6	6.1		5.0	5.7	6.7	6.3	6.0	5.6	6.2	5.6	5.1	4.7	5.6	5.6	4.9	4.4	4.0
26.0	2.0	2.4	2.8	3.0		3.0	3.5	4.1	4.6		3.7	4.3	5.2	5.8	5.9	4.3	5.1	5.4	5.0	4.7	5.0	5.3	4.7	4.3	3.9
28.0			1.6	1.8		1.9	2.4	2.9	3.3		2.6	3.2	3.9	4.4		3.2	3.9	4.8	4.9	4.6	3.9	4.7	4.5	4.2	3.8
30.0							1.3	1.9	2.1		1.7	2.2	2.9	3.3		2.3	2.9	3.7	4.3		3.0	3.7	4.3	4.1	3.8
32.0												1.3	1.9	2.3		1.5	2.1	2.8	3.3		2.2	2.8	3.7	4.0	
34.0													1.0	1.3			1.3	1.9	2.4		1.5	2.1	2.8	3.4	
36.0																		1.1	1.5			1.4	2.1	2.6	
38.0																							1.4	1.8	
40.0																								1.0	
θ (°)	53-84	52-84	53-84	53-84	68-84	54-84	52-84	54-84	55-84	70-84	54-84	53-84	53-84	54-84	69-84	54-84	54-84	54-84	56-84	70-84	55-84	55-84	56-84	54-84	72-84
Standard hook	63 t					25 t															7.3 t				
The weights of the hooks	600 kg					375 kg															300 kg				
Standard number of part lines	4					2															1				

Note: 12 t counterweight, 8.3 m outrigger extension width.

■ Performance FD

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	21.3					14.6					13.5														
8.0	21.3	20.9				14.6					13.5					10.8									
9.0	21.3	20.1				14.6	14.6				13.5					10.8							5.6		
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8							5.6		
11.0	20.8	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8							5.6		
12.0	19.7	17.9	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8						5.6		
14.0	16.6	16.7	14.1	12.6	11.6	14.6	13.2	10.8	9.4		12.9	10.8	8.7			10.6	9.3						5.6	5.6	
16.0	12.4	13.2	13.5	12.3	11.4	13.4	12.3	10.3	9.1	8.3	12.1	10.1	8.3	7.2		10.0	8.6	7.0					5.6	5.6	
18.0	9.1	9.8	10.8	11.4	11.3	10.1	11.1	9.9	8.9	8.1	10.8	9.4	7.9	7.0	6.2	9.4	8.0	6.6					5.6	5.6	
20.0	6.7	7.3	8.1	8.6	8.9	7.6	8.4	9.5	8.7	8.1	8.3	8.8	7.6	6.8	6.1	8.6	7.4	6.3	5.5				5.6	5.6	
22.0	4.8	5.3	6.0	6.4		5.7	6.4	7.3	8.0	8.0	6.4	7.3	7.2	6.6	6.1	7.0	7.0	6.0	5.4	4.8			5.6	5.6	
24.0	3.3	3.8	4.3	4.7		4.2	4.8	5.6	6.1	6.4	4.8	5.6	6.6	6.4	6.0	5.4	6.3	5.8	5.2	4.8			5.6	5.6	
26.0	2.1	2.5	2.9	3.2		2.9	3.5	4.1	4.6		3.6	4.2	5.1	5.8	5.9	4.1	4.9	5.5	5.1	4.7			4.9	5.5	
28.0			1.7	2.0		1.8	2.3	2.9	3.3		2.5	3.1	3.9	4.5		3.1	3.8	4.8	5.0	4.6			3.8	4.6	
30.0							1.3	1.9	2.2		1.5	2.1	2.8	3.3		2.1	2.8	3.7	4.3	4.6			2.8	3.6	
32.0									1.1			1.2	1.9	2.3		1.3	2.0	2.7	3.3				2.0	2.7	
34.0														1.4			1.1	1.9	2.4				1.3	2.0	
36.0																		1.1	1.6					1.2	
38.0																								1.3	
40.0																								1.1	
θ (°)	57-84	57-84	57-84	58-84	71-84	58-84	57-84	59-84	57-84	70-84	58-84	57-84	58-84	58-84	71-84	58-84	58-84	58-84	60-84	70-84	58-84	59-84	60-84	59-84	
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	3					2										1									

Note: 12 t counterweight, 8.3 m outrigger extension width.

■ Performance FD

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	17.2																								
8.0	17.2																								
9.0	17.2	17.2				13.7					11.3														
10.0	17.2	17.2				13.7					11.3					9.3							5.6		
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3							5.6		
12.0	16.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3							5.6		
14.0	15.1	14.8	14.2	12.7	11.6	13.7	13.5	11.0			11.3	10.7				9.3	8.8						5.6		
16.0	12.6	13.5	13.2	12.4	11.5	13.0	12.5	10.6	9.2		11.3	10.2	8.5			9.3	8.4					5.6	5.6		
18.0	9.3	10.1	11.0	11.7	11.4	10.3	11.2	10.1	9.0	8.2	11.0	9.7	8.1	7.0		9.2	8.0	6.7				5.6	5.6		
20.0	6.9	7.5	8.3	8.9	9.1	7.8	8.6	9.7	8.8	8.1	8.4	9.2	7.7	6.8	6.2	8.7	7.7	6.4				5.6	5.6		
22.0	5.0	5.6	6.2	6.7	6.9	5.9	6.6	7.5	8.2	8.0	6.5	7.4	7.4	6.7	6.1	7.1	7.3	6.2	5.4	4.8		5.6	5.6		
24.0	3.5	4.0	4.5	4.9		4.3	4.9	5.8	6.4	6.7	4.9	5.7	6.8	6.5	6.0	5.5	6.4	5.9	5.3	4.8		5.6	5.6		
26.0	2.3	2.7	3.2	3.5		3.1	3.6	4.3	4.8	5.1	3.7	4.4	5.3	6.0	6.0	4.2	5.0	5.7	5.1	4.7		4.9	5.6		
28.0			2.0	2.3		2.0	2.5	3.1	3.5		2.6	3.2	4.0	4.6	5.0	3.1	3.9	4.9	5.0	4.7		3.8	4.7		
30.0							1.5	2.1	2.5		1.6	2.3	3.0	3.5		2.2	2.9	3.8	4.4	4.6		2.9	3.6		
32.0									1.4				2.1	2.5			2.0	2.8	3.4			2.1	2.8		
34.0														1.6				2.0	2.5				2.0		
36.0																			1.7				1.3		
38.0																							1.4		
40.0																							1.4		
θ (°)	60-84	61-84	61-84	61-84	71-84	61-84	60-84	61-84	61-84	70-84	61-84	62-84	62-84	62-84	71-84	62-84	62-84	63-84	64-84	73-84	62-84	62-84	63-84	63-84	
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 12 t counterweight, 8.3 m outrigger extension width.

■ Performance FD

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	8.5																								
11.0	8.2	7.7				6.8																			
12.0	7.8	7.4				6.8					5.8														
14.0	7.2	6.8	6.4			6.6	6.1				5.8														
16.0	6.6	6.3	5.9	5.7	5.6	6.1	5.7	5.3			5.6	5.2													
18.0	6.1	5.8	5.5	5.3	5.2	5.6	5.3	4.9	4.7		5.2	4.9	4.5			4.8							4.3		
20.0	5.7	5.4	5.2	5.0	4.9	5.2	4.9	4.6	4.4	4.3	4.8	4.5	4.2			4.5							4.2		
22.0	5.3	5.1	4.8	4.7	4.6	4.9	4.6	4.3	4.2	4.1	4.5	4.2	3.9	3.8	3.7	4.2	3.9					3.9	3.6		
24.0	4.3	4.7	4.5	4.4	4.3	4.6	4.3	4.1	3.9	3.9	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.4				3.7	3.4		
26.0	3.1	3.5	4.0	4.1	4.1	3.9	4.0	3.8	3.7	3.6	3.9	3.7	3.5	3.3	3.3	3.7	3.5	3.2				3.4	3.2	3.0	
28.0		2.4	2.9	3.2		2.8	3.3	3.6	3.5	3.4	3.3	3.5	3.3	3.2	3.1	3.5	3.2	3.0	2.9	2.9	3.2	3.0	2.8		
30.0				2.2			2.3	2.9	3.3	3.3	2.3	2.9	3.1	3.0	3.0	2.8	3.0	2.9	2.7	2.7	3.0	2.8	2.6	2.5	
32.0								2.0	2.4			2.1	2.7	2.8	2.8		2.6	2.7	2.6	2.6	2.3	2.7	2.5	2.4	
34.0													2.0	2.4			2.5	2.5	2.4		2.3	2.4	2.3	2.2	
36.0																	1.9	2.3	2.3			2.2	2.1	2.1	
38.0																			1.7			1.8	2.0	2.0	
40.0																								1.7	
θ (°)	67-84	67-84	68-84	67-84	73-84	68-84	67-84	67-84	68-84	72-84	68-84	68-84	68-84	70-84	73-84	69-84	69-84	69-84	68-84	72-84	69-84	70-84	70-84	70-84	74-84
Standard hook	25 t										7.3 t														
The weights of the hooks	375 kg										300 kg														
Standard number of part lines	2										1														

Note: 12 t counterweight, 8.3 m outrigger extension width.

■ Performance FD

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	5.6																								
11.0	5.6																								
12.0	5.6	5.6				5.1																			
14.0	5.6	5.6	5.6			5.1	5.1				4.6					4.3									
16.0	5.6	5.6	5.4	5.2	5.1	5.1	5.1				4.6	4.6				4.3									
18.0	5.6	5.3	5.1	4.9	4.8	5.1	4.9	4.6			4.6	4.5				4.3	4.2						4.0		
20.0	5.2	5.0	4.7	4.6	4.5	4.8	4.5	4.3	4.0	3.7	4.5	4.2	3.9			4.2	3.9					3.9	3.6		
22.0	4.8	4.6	4.4	4.3	4.2	4.5	4.2	4.0	3.6	3.3	4.2	3.9	3.6	3.1		3.9	3.6	3.2				3.6	3.4		
24.0	4.4	4.3	4.1	4.0	3.8	4.2	4.0	3.7	3.3	3.1	3.9	3.7	3.3	2.8	2.6	3.6	3.4	2.9	2.5			3.4	3.2	2.6	
26.0	3.3	3.7	3.9	3.6	3.4	3.8	3.7	3.4	3.0	2.8	3.6	3.4	2.9	2.6	2.3	3.4	3.2	2.6	2.2	2.0		3.2	2.9	2.3	
28.0			3.1	3.3	3.1	2.7	3.2	3.0	2.7	2.5	3.2	3.1	2.6	2.3	2.1	3.2	2.8	2.3	2.0	1.8	3.0	2.6	2.1	1.8	
30.0								2.7	2.4	2.3		2.8	2.4	2.1	1.9	2.7	2.5	2.1	1.8	1.7	2.7	2.3	1.9	1.6	1.5
32.0									2.2				2.1	1.9	1.8		2.2	1.9	1.6	1.5	2.2	2.0	1.7	1.5	1.3
34.0													1.7	1.6			1.7	1.5	1.4	1.5	1.8	1.5	1.3	1.2	
36.0																		1.3	1.2				1.3	1.2	1.1
38.0																									1.0
θ (°)	69-84	70-84	69-84	70-84	72-84	70-84	70-84	70-84	70-84	73-84	70-84	70-84	71-84	71-84	72-84	70-84	71-84	71-84	72-84	73-84	70-84	72-84	72-84	73-84	76-84
Standard hook	7.3 t																								
The weights of the hooks	300 kg																								
Standard number of part lines	1																								

Note: 12 t counterweight, 8.3 m outrigger extension width.

■ Performance FE

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9				13.5					5.6					
8.0	23.8	19.3	15.6			14.6	14.6				13.9				13.5					5.6					
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6			13.1					5.6					
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0			12.6	10.4				5.6					
11.0	17.7	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4			12.2	9.9				5.6	5.6				
12.0	14.2	15.5	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9		11.4	9.4				5.6	5.6				
14.0	9.2	10.3	11.6	12.2	11.4	10.6	12.0	10.3	9.2	8.3	11.6	10.0	8.4		10.1	8.6	7.1			5.6	5.6				
16.0	6.0	6.8	7.8	8.6	9.0	7.2	8.3	9.8	8.9	8.2	8.1	9.2	7.9	7.1	6.3	8.9	7.9	6.7		5.6	5.6				
18.0	3.6	4.3	5.2	5.7	6.0	4.8	5.7	6.9	7.9	8.1	5.7	6.8	7.5	6.8	6.2	6.4	7.3	6.3	5.6	5.6	5.6				
20.0		2.5	3.1	3.6		3.0	3.8	4.8	5.5	5.9	3.8	4.8	6.1	6.6	6.1	4.6	5.7	6.0	5.4	4.9	5.4	5.6	5.3	4.7	
22.0				1.9		1.6	2.3	3.1	3.7		2.4	3.2	4.3	5.2	5.7	3.1	4.1	5.4	5.2	4.8	3.9	5.1	5.1	4.5	
24.0								1.8	2.2			2.0	2.9	3.6	4.0	1.9	2.8	4.0	4.9	4.7	2.7	3.7	4.8	4.4	4.0
26.0													1.7	2.3			1.7	2.7	3.5	4.0	1.8	2.6	3.8	4.2	3.9
28.0														1.2			1.7	2.4			1.7	2.8	3.6	3.8	
30.0																		1.4				1.8	2.6	3.0	
32.0																								1.7	
θ (°)	59-84	58-84	60-84	60-84	68-84	58-84	59-84	60-84	60-84	70-84	59-84	60-84	61-84	60-84	68-84	60-84	62-84	63-84	62-84	70-84	61-84	62-84	63-84	64-84	69-84
Standard hook	63 t										25 t					7.3 t									
The weights of the hooks	600 kg										375 kg					300 kg									
Standard number of part lines	4										2					1									

Note: 0 t counterweight, 8.3 m outrigger extension width.

■ Performance FE

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9														
8.0	25.3	19.9				14.6	14.6				13.9					12.3					5.6				
9.0	23.7	19.1	15.4			14.6	14.6				13.9				12.3					5.6					
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4			12.3					5.6					
11.0	17.8	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8			12.0	10.2				5.6					
12.0	14.2	15.6	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3			11.6	9.7				5.6	5.6				
14.0	9.3	10.3	11.7	12.3	11.4	10.6	12.0	10.6	9.3	8.4	11.5	10.4	8.6		10.8	8.9				5.6	5.6				
16.0	6.0	6.9	7.9	8.8	9.2	7.2	8.3	9.9	9.0	8.2	8.1	9.5	8.1	7.1	8.8	8.2	6.8			5.6	5.6				
18.0	3.7	4.4	5.3	5.9	6.2	4.8	5.8	7.0	8.0	8.1	5.6	6.8	7.7	6.9	6.2	6.3	7.6	6.5	5.7	5.6	5.6	5.6			
20.0		2.5	3.3	3.8	4.0	3.0	3.8	4.8	5.6	6.1	3.8	4.8	6.1	6.7	6.1	4.4	5.6	6.2	5.5	4.9	5.3	5.6	5.5		
22.0							2.3	3.2	3.8	4.1	2.4	3.2	4.3	5.3	5.8	3.0	4.0	5.4	5.3	4.8	3.8	5.0	5.2	4.6	
24.0								1.8	2.4			2.0	2.9	3.7	4.1	1.8	2.7	3.9	4.9	4.7	2.6	3.6	4.9	4.4	4.0
26.0													1.8	2.4	2.7		1.7	2.7	3.6	4.1		2.5	3.8	4.3	3.9
28.0																	1.7	2.4	2.8		1.6	2.7	3.6	3.8	
30.0																			1.5			1.8	2.6	3.1	
32.0																								1.7	
θ (°)	63-84	62-84	64-84	65-84	68-84	63-84	63-84	64-84	64-84	69-84	63-84	64-84	65-84	65-84	68-84	64-84	65-84	66-84	65-84	70-84	65-84	65-84	66-84	67-84	72-84
Standard hook	63 t										25 t					7.3 t									
The weights of the hooks	600 kg										375 kg					300 kg									
Standard number of part lines	4										2					1									

Note: 0 t counterweight, 8.3 m outrigger extension width.

■ Performance FE

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	21.3					14.6					13.5														
8.0	21.3	20.9				14.6					13.5					10.8									
9.0	21.3	20.1				14.6	14.6				13.5					10.8					5.6				
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8					5.6				
11.0	17.9	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8					5.6				
12.0	14.3	15.7	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8				5.6				
14.0	9.4	10.5	11.9	12.6	11.6	10.5	11.9	10.8	9.4		11.4	10.8	8.7			10.6	9.3				5.6	5.6			
16.0	6.1	7.0	8.1	8.9	9.4	7.1	8.3	9.9	9.1	8.3	7.9	9.4	8.3	7.2		8.7	8.6	7.0			5.6	5.6			
18.0	3.8	4.5	5.4	6.1	6.4	4.7	5.7	7.0	8.0	8.1	5.5	6.7	7.9	7.0	6.2	6.2	7.6	6.6			5.6	5.6	5.6		
20.0			3.4	3.9	4.2	2.9	3.8	4.8	5.7	6.2	3.6	4.7	6.1	6.8	6.1	4.3	5.5	6.3	5.5		5.1	5.6	5.6		
22.0							2.3	3.2	3.9	4.2		3.1	4.3	5.3	5.9	2.8	3.9	5.3	5.4	4.8	3.6	4.8	5.3	4.7	
24.0									2.4	2.7			2.9	3.7	4.2		2.6	3.9	4.9	4.8	2.4	3.5	5.0	4.5	
26.0													2.4	2.8			2.7	3.6	4.1		2.4	3.7	4.4	3.9	
28.0																		2.4	2.9			2.7	3.6	3.9	
30.0																			1.8			1.8	2.6	3.1	
32.0																							1.7	2.1	
θ (°)	66-84	66-84	67-84	68-84	71-84	66-84	66-84	68-84	66-84	69-84	67-84	68-84	69-84	68-84	71-84	68-84	68-84	69-84	69-84	69-84	68-84	69-84	68-84	70-84	72-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	3					2										1									

Note: 0 t counterweight, 8.3 m outrigger extension width.

■ Performance FE

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	17.2																								
8.0	17.2																								
9.0	17.2	17.2				13.7					11.3														
10.0	17.2	17.2				13.7					11.3					9.3					5.6				
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3					5.6				
12.0	14.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3					5.6				
14.0	9.6	10.7	12.1	12.7	11.6	10.7	12.1	11.0			11.3	10.7				9.3	8.8				5.6				
16.0	6.3	7.2	8.3	9.2	9.7	7.3	8.5	10.0	9.2		8.1	9.5	8.5			8.7	8.4				5.6	5.6			
18.0	4.0	4.7	5.6	6.3	6.7	4.9	5.9	7.2	8.2	8.2	5.6	6.8	8.1	7.0		6.2	7.6	6.7			5.6	5.6			
20.0			3.6	4.2	4.5	3.1	3.9	5.0	5.9	6.4	3.8	4.8	6.2	6.8	6.2	4.4	5.6	6.4			5.2	5.6	5.6		
22.0								3.4	4.1	4.5			3.2	4.4	5.4	6.1	2.9	4.0	5.4	5.4	4.8	3.7	4.9	5.4	
24.0									2.6	2.9			3.0	3.9	4.4		2.7	4.0	5.0	4.8	2.5	3.6	5.0	4.6	
26.0													2.6	3.0			2.7	3.7	4.3		2.5	3.8	4.4	3.9	
28.0																		2.5	3.0			2.7	3.7	3.9	
30.0																			2.0			1.8	2.7	3.3	
32.0																							1.8	2.3	
θ (°)	69-84	69-84	70-84	70-84	71-84	68-84	69-84	70-84	69-84	70-84	69-84	69-84	71-84	70-84	71-84	70-84	71-84	72-84	72-84	72-84	70-84	71-84	70-84	71-84	72-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	3					2										1									

Note: 0 t counterweight, 8.3 m outrigger extension width.

■ Performance FE

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m						
	Offset					Offset					Offset					Offset					Offset						
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°		
8.0	13.5																										
9.0	13.5					11.4																					
10.0	13.5	13.5				11.4					9.6																
11.0	13.5	13.0				11.4					9.6					8.0								5.6			
12.0	13.1	12.5	11.9			11.4	11.3				9.6					8.0								5.6			
14.0	10.0	11.1	11.0	10.7	10.6	10.9	10.5				9.6	9.6				8.0	8.0							5.6			
16.0	6.7	7.5	8.7	9.5	9.9	7.5	8.6	9.3	9.0		8.2	9.0	8.4			8.0	8.0							5.6	5.6		
18.0	4.3	5.0	6.0	6.7	7.1	5.0	6.0	7.3	8.3	8.2	5.7	6.9	7.9			6.3	7.7							5.6	5.6		
20.0		3.2	3.9	4.5	4.8	3.2	4.1	5.2	6.0	6.6	3.8	4.9	6.3	6.9		4.4	5.6	6.5						5.2	5.6		
22.0				2.8	3.1			3.5	4.2	4.7		3.3	4.5	5.5	6.1	3.0	4.0	5.5	5.5					3.7	4.9	5.1	
24.0									2.8	3.1			3.1	4.0	4.5		2.7	4.0	5.1	4.8				3.6	3.8		
26.0													2.7	3.2			2.8	3.7	4.4					2.5	2.8	3.8	
28.0																		2.6	3.2						1.9	2.8	3.4
30.0																			2.1							1.9	2.4
32.0																										1.1	1.6
θ (°)	69-84	70-84	70-84	71-84	71-84	71-84	71-84	71-84	72-84	72-84	71-84	71-84	72-84	73-84	73-84	72-84	72-84	73-84	74-84	74-84	72-84	72-84	74-84	74-84	75-84	75-84	
Standard hook	25 t																				7.3 t						
The weights of the hooks	375 kg																				300 kg						
Standard number of part lines	2																				1						

Note: 0 t counterweight, 8.3 m outrigger extension width.

■ Performance FE

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
9.0	10.8																									
10.0	10.7	10.0				9.2																				
11.0	10.3	9.6				9.2					7.8															
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9								5.0		
14.0	9.0	8.6	8.0	7.6	7.4	8.3	7.7				7.5	6.9				5.9								5.0		
16.0	7.0	7.8	7.5	7.1	7.0	7.7	7.2	6.6			5.9	6.4				5.9	5.8							5.0		
18.0	4.6	5.3	6.2	6.7	6.6	5.3	6.2	6.2	5.9	5.7	4.0	5.1	5.5			5.9	5.5							5.0	5.0	
20.0		3.4	4.2	4.8	5.1	3.5	4.3	5.4	5.6	5.4	2.6	3.5	4.7	4.9		4.9	5.2	4.7					5.0	4.7		
22.0				3.1	3.4			3.7	4.4	4.9		2.2	3.3	4.1	4.6	3.4	4.4	4.4					3.8	4.4	4.0	
24.0									3.0	3.4			2.2	2.9	3.3		3.1	4.2	4.0					3.7	3.8	
26.0														1.8	2.2			3.2	3.8	3.7				2.6	3.6	3.4
28.0																		3.0	3.5					2.9	3.3	3.2
30.0																			2.5						2.9	3.1
32.0																									2.0	2.5
θ (°)	72-84	72-84	73-84	73-84	73-84	72-84	73-84	73-84	74-84	74-84	74-84	74-84	75-84	75-84	75-84	73-84	73-84	75-84	75-84	75-84	74-84	74-84	74-84	75-84	75-84	75-84
Standard hook	25 t																				7.3 t					
The weights of the hooks	375 kg																				300 kg					
Standard number of part lines	2																				1					

Note: 0 t counterweight, 8.3 m outrigger extension width.

Performance FE

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	8.5																								
11.0	8.2	7.7				6.8																			
12.0	7.8	7.4				6.8					5.8														
14.0	7.2	6.8	6.4			6.6	6.1				5.8														
16.0	6.6	6.3	5.9	5.7	5.6	6.1	5.7	5.3			5.6	5.2													
18.0	4.9	5.6	5.5	5.3	5.2	5.6	5.3	4.9	4.7		5.2	4.9	4.5			4.8							4.3		
20.0		3.7	4.5	5.0	4.9	4.0	4.8	4.6	4.4	4.3	4.5	4.5	4.2			4.5							4.2		
22.0				3.4	3.6		3.2	4.2	4.2	4.1		3.9	3.9	3.8	3.7	3.5	3.9						3.9	3.6	
24.0										3.5	3.8		3.7	3.6	3.5		3.3	3.4					3.4		
26.0													3.3	3.3			3.2						2.7	3.0	
28.0														2.6				2.9	2.9					2.8	
30.0																			2.7					2.5	2.5
32.0																							2.1	2.4	
θ (°)	74-84	74-84	75-84	74-84	74-84	74-84	74-84	75-84	75-84	74-84	75-84	75-84	76-84	76-84	76-84	75-84	75-84	76-84	75-84	76-84	76-84	76-84	76-84	76-84	76-84
Standard hook	25 t					7.3 t																			
The weights of the hooks	375 kg					300 kg																			
Standard number of part lines	2					1																			

Note: 0 t counterweight, 8.3 m outrigger extension width.

Performance FE

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	5.6																								
11.0	5.6																								
12.0	5.6	5.6				5.1																			
14.0	5.6	5.6	5.6			5.1	5.1				4.6					4.3									
16.0	5.6	5.6	5.4	5.2	5.1	5.1	5.1				4.6	4.6				4.3									
18.0	5.1	5.3	5.1	4.9	4.8	5.1	4.9	4.6			4.6	4.5				4.3	4.2						4.0		
20.0			4.7	4.6	4.5		4.5	4.3	4.0	3.7	4.4	4.2	3.9			4.2	3.9					3.9	3.6		
22.0					3.9			4.0	3.6	3.3		3.9	3.6	3.1			3.6	3.2					3.4		
24.0									3.3	3.1			3.3	2.8	2.6			2.9	2.5				3.2	2.6	
26.0													2.6	2.3				2.6	2.2	2.0			2.3		
28.0																			2.0	1.8				1.8	
30.0																							1.6	1.5	
32.0																								1.3	
θ (°)	75-84	76-84	76-84	76-84	76-84	76-84	76-84	76-84	76-84	77-84	76-84	76-84	77-84	77-84	78-84	77-84	77-84	78-84	78-84	78-84	77-84	77-84	78-84	78-84	78-84
Standard hook	7.3 t																								
The weights of the hooks	300 kg																								
Standard number of part lines	1																								

Note: 0 t counterweight, 8.3 m outrigger extension width.

■ Performance FF

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9					13.5					5.6				
8.0	23.8	19.3	15.6			14.6	14.6				13.9					13.5					5.6				
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6				13.1					5.6				
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0				12.6	10.4				5.6				
11.0	19.8	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4				12.2	9.9				5.6	5.6			
12.0	18.8	16.2	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9			11.4	9.4				5.6	5.6			
14.0	16.9	15.0	13.2	12.2	11.4	14.0	12.1	10.3	9.2	8.3	11.7	10.0	8.4			10.1	8.6	7.1			5.6	5.6			
16.0	15.4	14.0	12.6	11.8	11.3	12.6	11.2	9.8	8.9	8.2	10.5	9.2	7.9	7.1	6.3	9.1	7.9	6.7			5.6	5.6			
18.0	14.2	13.1	12.1	11.6	11.2	11.5	10.4	9.3	8.6	8.1	9.5	8.5	7.5	6.8	6.2	8.2	7.3	6.3	5.6		5.6	5.6	5.6		
20.0	13.1	12.3	11.7	11.3		10.5	9.7	8.9	8.4	8.0	8.7	7.9	7.1	6.6	6.1	7.5	6.8	6.0	5.4	4.9	5.6	5.6	5.3	4.7	
22.0	12.1	11.7	11.3	11.2		9.7	9.1	8.6	8.2		8.0	7.4	6.8	6.4	6.0	6.8	6.3	5.7	5.2	4.8	5.6	5.6	5.1	4.5	
24.0	11.3	11.1	10.9	10.9		9.0	8.6	8.2	8.0		7.4	7.0	6.5	6.2	6.0	6.3	5.9	5.4	5.1	4.7	5.6	5.3	4.8	4.4	4.0
26.0	9.9	10.2	10.5	10.6		8.4	8.2	8.0	7.9		6.8	6.6	6.3	6.1		5.8	5.5	5.2	4.9	4.7	5.3	5.0	4.6	4.2	3.9
28.0	8.2	8.5	8.8			7.8	7.8	7.7	7.8		6.4	6.2	6.0	6.0		5.4	5.2	5.0	4.8		4.9	4.7	4.4	4.1	3.8
30.0	6.9	7.1	7.3			7.4	7.4	7.5			5.9	5.9	5.9	5.9		5.0	4.9	4.8	4.7		4.5	4.4	4.2	4.0	3.8
32.0	5.7	5.9	6.0			6.6	6.8	7.1			5.6	5.6	5.7			4.7	4.7	4.6	4.6		4.2	4.1	4.0	3.9	
34.0	4.5	4.6				5.5	5.7	5.9			5.2	5.4	5.5			4.4	4.4	4.5	4.6		3.9	3.9	3.9	3.8	
36.0	3.5	3.5				4.5	4.7				5.0	5.1	5.4			4.1	4.2	4.4			3.7	3.7	3.7	3.7	
38.0	1.8					3.5	3.7				4.4	4.6	4.8			3.9	4.0	4.3			3.4	3.5	3.6	3.7	
40.0						2.7					3.5	3.7				3.7	3.9	4.2			3.2	3.4	3.5		
42.0											2.7	2.9				3.5	3.7				3.1	3.2	3.4		
44.0											2.0					2.8	2.9				2.9	3.1	3.4		
46.0																2.1					2.7	3.0			
48.0																					2.3	2.4			
50.0																					1.7				
θ (°)	5-84	21-84	36-84	52-84	68-84	16-84	26-84	40-84	55-84	70-84	5-84	22-84	37-84	57-84	69-84	16-84	27-84	40-84	55-84	71-84	12-84	24-84	38-84	53-84	69-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 50 t counterweight, 7.0 m outrigger extension width.

■ Performance FF

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9					12.3					5.6				
8.0	25.3	19.9				14.6	14.6				13.9					12.3					5.6				
9.0	23.7	19.1	15.4			14.6	14.6				13.9					12.3					5.6				
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4				12.3					5.6				
11.0	21.2	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8				12.0	10.2				5.6				
12.0	20.1	16.9	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3				11.6	9.7				5.6	5.6			
14.0	18.2	15.7	13.6	12.3	11.4	14.6	12.7	10.6	9.3	8.4	12.5	10.4	8.6			10.8	8.9				5.6	5.6			
16.0	16.6	14.7	13.0	12.0	11.3	13.6	11.8	10.1	9.0	8.2	11.3	9.6	8.1	7.1		9.7	8.2	6.8			5.6	5.6			
18.0	15.3	13.8	12.5	11.7	11.2	12.4	11.0	9.6	8.8	8.1	10.3	9.0	7.7	6.9	6.2	8.8	7.6	6.5	5.7		5.6	5.6	5.6		
20.0	14.2	13.0	12.0	11.5	11.2	11.4	10.3	9.2	8.5	8.0	9.4	8.4	7.4	6.7	6.1	8.1	7.1	6.2	5.5	4.9	5.6	5.6	5.5		
22.0	13.2	12.3	11.6	11.3		10.6	9.7	8.9	8.3	8.0	8.6	7.8	7.0	6.5	6.0	7.4	6.6	5.9	5.3	4.8	5.6	5.6	5.2	4.6	
24.0	11.8	11.7	11.3	11.1		9.8	9.2	8.5	8.2		8.0	7.4	6.8	6.3	6.0	6.8	6.2	5.6	5.1	4.7	5.6	5.6	4.9	4.4	4.0
26.0	9.9	10.2	10.6	10.8		9.1	8.7	8.3	8.0		7.4	7.0	6.5	6.2	5.9	6.3	5.9	5.4	5.0	4.7	5.6	5.3	4.7	4.3	3.9
28.0	8.3	8.6	8.9	9.0		8.6	8.3	8.0	7.9		6.9	6.6	6.3	6.1		5.9	5.5	5.2	4.9	4.6	5.3	4.9	4.5	4.2	3.8
30.0	6.9	7.2	7.4			7.8	7.9	7.8	7.8		6.5	6.3	6.1	6.0		5.5	5.2	5.0	4.8		4.9	4.7	4.3	4.1	3.8
32.0	5.7	5.9	6.1			6.6	6.9	7.2			6.1	6.0	5.9	5.9		5.1	5.0	4.8	4.7		4.6	4.4	4.2	4.0	
34.0	4.6	4.8	4.9			5.5	5.8	6.1			5.7	5.7	5.7	5.8		4.8	4.7	4.6	4.6		4.3	4.2	4.0	3.9	
36.0	3.5	3.7				4.5	4.8	5.0			5.2	5.5	5.6			4.5	4.5	4.5	4.6		4.0	4.0	3.9	3.8	
38.0	2.6	2.7				3.6	3.8	4.0			4.3	4.6	5.0			4.3	4.3	4.4			3.8	3.8	3.7	3.7	
40.0	1.8	1.9				2.7	2.9				3.5	3.7	4.0			4.0	4.1	4.3			3.6	3.6	3.6	3.7	
42.0	1.1					2.0	2.1				2.7	2.9				3.3	3.7	4.0			3.4	3.4	3.5		
44.0						1.3					2.0	2.2				2.6	2.9	3.2			3.2	3.3	3.5		
46.0											1.4	1.5				2.0	2.2				2.7	3.0	3.4		
48.0																1.5	1.6				2.1	2.4			
50.0																					1.6	1.8			
θ (°)	8-84	22-84	41-84	54-84	68-84	17-84	26-84	39-84	56-84	70-84	22-84	23-84	41-84	55-84	69-84	25-84	27-84	39-84	57-84	70-84	29-84	31-84	43-84	55-84	72-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 50 t counterweight, 7.0 m outrigger extension width.

■ Performance FF

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	21.3					14.6					13.5														
8.0	21.3	20.9				14.6					13.5					10.8									
9.0	21.3	20.1				14.6	14.6				13.5					10.8							5.6		
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8							5.6		
11.0	20.8	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8							5.6		
12.0	19.7	17.9	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8						5.6		
14.0	17.9	16.7	14.1	12.6	11.6	14.6	13.2	10.8	9.4		12.9	10.8	8.7			10.6	9.3						5.6	5.6	
16.0	16.4	15.7	13.5	12.3	11.4	14.6	12.3	10.3	9.1	8.3	12.1	10.1	8.3	7.2		10.0	8.6	7.0					5.6	5.6	
18.0	15.0	14.7	13.0	12.0	11.3	13.3	11.5	9.9	8.9	8.1	11.0	9.4	7.9	7.0	6.2	9.4	8.0	6.6					5.6	5.6	
20.0	13.8	13.6	12.6	11.8	11.3	12.3	10.8	9.5	8.7	8.1	10.1	8.8	7.6	6.8	6.1	8.6	7.4	6.3	5.5				5.6	5.6	
22.0	12.8	12.6	12.1	11.6		11.4	10.2	9.1	8.5	8.0	9.3	8.2	7.2	6.6	6.1	7.9	7.0	6.0	5.4	4.8			5.6	5.6	
24.0	11.2	11.3	11.4	11.4		10.6	9.7	8.8	8.3	7.9	8.6	7.8	7.0	6.4	6.0	7.3	6.5	5.8	5.2	4.8			5.6	5.6	
26.0	9.9	10.0	10.1	10.2		9.9	9.2	8.5	8.1		8.0	7.4	6.7	6.3	5.9	6.8	6.2	5.5	5.1	4.7			5.6	5.5	
28.0	8.3	8.6	8.9	9.0		8.7	8.7	8.3	8.0		7.5	7.0	6.5	6.1		6.3	5.8	5.3	5.0	4.6			5.6	5.2	
30.0	6.9	7.2	7.5	7.7		7.7	7.8	8.0	7.9		7.0	6.6	6.3	6.0		5.9	5.5	5.1	4.8	4.6			5.3	4.9	
32.0	5.7	6.0	6.2			6.5	6.8	7.2	7.5		6.6	6.3	6.1	5.9		5.5	5.2	4.9	4.7				5.0	4.7	
34.0	4.6	4.8	5.1			5.4	5.7	6.1	6.3		6.0	6.0	5.9	5.9		5.2	5.0	4.8	4.7				4.7	4.4	
36.0	3.5	3.7	3.9			4.4	4.7	5.1			5.1	5.4	5.8	5.8		4.9	4.8	4.7	4.6				4.4	4.2	
38.0	2.6	2.8	2.9			3.4	3.7	4.0			4.1	4.5	4.9			4.6	4.6	4.5	4.5				4.1	4.0	
40.0	1.8	1.9				2.6	2.8	3.1			3.3	3.6	4.0			3.9	4.4	4.4					3.9	3.8	
42.0	1.0	1.1				1.8	2.0	2.2			2.5	2.8	3.1			3.1	3.5	4.0					3.7	3.7	
44.0						1.2	1.3				1.8	2.1	2.3			2.5	2.8	3.2					3.2	3.5	
46.0											1.2	1.4				1.8	2.1	2.4					2.5	2.9	
48.0																1.3	1.5						1.9	2.3	
50.0																							1.4	1.7	
θ (°)	29-84	29-84	40-84	56-84	72-84	31-84	32-84	38-84	54-84	70-84	33-84	35-84	41-84	56-84	71-84	35-84	37-84	43-84	58-84	70-84	37-84	40-84	42-84	57-84	
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	3					2										1									

Note: 50 t counterweight, 7.0 m outrigger extension width.

■ Performance FF

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	17.2																								
8.0	17.2																								
9.0	17.2	17.2				13.7					11.3														
10.0	17.2	17.2				13.7					11.3					9.3							5.6		
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3							5.6		
12.0	16.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3							5.6		
14.0	15.1	14.8	14.2	12.7	11.6	13.7	13.5	11.0			11.3	10.7				9.3	8.8						5.6		
16.0	14.1	13.6	13.2	12.4	11.5	13.0	12.5	10.6	9.2		11.3	10.2	8.5			9.3	8.4						5.6	5.6	
18.0	12.9	12.7	12.3	12.1	11.4	12.0	11.7	10.1	9.0	8.2	11.2	9.7	8.1	7.0		9.2	8.0	6.7					5.6	5.6	
20.0	11.9	11.7	11.4	11.3	11.3	11.3	10.9	9.7	8.8	8.1	10.5	9.2	7.7	6.8	6.2	8.7	7.7	6.4					5.6	5.6	
22.0	10.9	10.8	10.7	10.6	10.6	10.4	10.2	9.4	8.6	8.0	9.8	8.6	7.4	6.7	6.1	8.3	7.3	6.2	5.4	4.8			5.6	5.6	
24.0	10.1	10.0	9.9	9.9		9.7	9.6	9.1	8.4	8.0	9.2	8.1	7.1	6.5	6.0	7.8	6.8	5.9	5.3	4.8			5.6	5.6	
26.0	9.4	9.3	9.2	9.2		9.0	8.9	8.8	8.3	7.9	8.6	7.7	6.9	6.4	6.0	7.2	6.5	5.7	5.1	4.7			5.6	5.6	
28.0	8.3	8.4	8.5	8.6		8.3	8.3	8.2	8.1		8.0	7.3	6.7	6.2	5.9	6.8	6.1	5.5	5.0	4.7			5.6	5.5	
30.0	7.1	7.4	7.5	7.6		7.3	7.4	7.7	7.7		7.5	7.0	6.4	6.1		6.3	5.8	5.3	4.9	4.6			5.6	5.2	
32.0	5.9	6.2	6.5	6.6		6.3	6.5	7.0	7.1		6.9	6.7	6.3	6.0		5.9	5.5	5.1	4.8				5.3	4.9	
34.0	4.8	5.1	5.4			5.6	5.7	6.2	6.3		6.1	6.3	6.1	5.9		5.6	5.3	4.9	4.7				5.0	4.7	
36.0	3.7	4.0	4.2			4.6	4.9	5.3	5.4		5.2	5.6	5.8	5.9		5.3	5.0	4.8	4.7				4.7	4.4	
38.0	2.8	3.0	3.2			3.6	3.9	4.3			4.3	4.7	5.1	5.3		4.8	4.8	4.7	4.6				4.4	4.2	
40.0	2.0	2.2	2.3			2.8	3.1	3.4			3.4	3.8	4.2			4.0	4.5	4.5	4.5				4.2	4.0	
42.0	1.3	1.4	1.5			2.0	2.3	2.5			2.7	3.0	3.4			3.2	3.7	4.2	4.4				3.9	3.9	
44.0						1.3	1.6	1.7			2.0	2.3	2.6			2.5	2.9	3.4					3.2	3.7	
46.0											1.3	1.6	1.9			1.9	2.3	2.6					2.6	3.0	
48.0												1.0	1.2			1.3	1.6	2.0					2.0	2.4	
50.0																	1.1	1.3					1.5	1.8	
θ (°)	38-84	39-84	39-84	58-84	72-84	39-84	41-84	42-84	56-84	70-84	41-84	39-84	40-84	58-84	71-84	42-84	40-84	42-84	57-84	73-84	43-84	46-84	48-84	55-84	
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	3					2										1									

Note: 50 t counterweight, 7.0 m outrigger extension width.

■ Performance FF

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
8.0	13.5																											
9.0	13.5					11.4																						
10.0	13.5	13.5				11.4					9.6																	
11.0	13.5	13.0				11.4					9.6					8.0								5.6				
12.0	13.1	12.5	11.9			11.4	11.3				9.6					8.0								5.6				
14.0	12.1	11.6	11.0	10.7	10.6	11.1	10.5				9.6	9.6				8.0	8.0							5.6				
16.0	11.2	10.8	10.3	10.0	9.9	10.3	9.8	9.3	9.0		9.5	9.0	8.4			8.0	8.0							5.6	5.6			
18.0	10.5	10.0	9.6	9.4	9.3	9.6	9.2	8.7	8.4	8.2	8.9	8.4	7.9			8.0	7.7							5.6	5.6			
20.0	9.8	9.4	9.0	8.8	8.8	9.0	8.6	8.2	7.9	7.9	8.3	7.9	7.5	6.9		7.7	7.3	6.5						5.6	5.6			
22.0	9.1	8.8	8.5	8.3	8.3	8.4	8.1	7.7	7.5	7.5	7.8	7.4	7.0	6.7	6.1	7.3	6.9	6.3	5.5					5.6	5.6	5.2		
24.0	8.5	8.3	8.0	7.9	7.9	7.9	7.6	7.3	7.1	7.1	7.3	7.0	6.7	6.5	6.0	6.9	6.5	6.0	5.3	4.8				5.6	5.6	5.1		
26.0	8.0	7.8	7.6	7.4		7.5	7.2	6.9	6.7	6.7	6.9	6.6	6.3	6.2	6.0	6.5	6.2	5.8	5.2	4.7				5.6	5.6	4.9	4.5	
28.0	7.4	7.3	7.2	7.1		7.0	6.8	6.5	6.4		6.5	6.3	6.0	5.8	5.8	6.1	5.8	5.5	5.1	4.7				5.6	5.3	4.7	4.4	3.9
30.0	6.9	6.9	6.7	6.7		6.6	6.4	6.2	6.1		6.2	5.9	5.7	5.6	5.6	5.8	5.5	5.3	5.0	4.6				5.3	5.1	4.6	4.2	3.9
32.0	6.1	6.3	6.4	6.3		6.1	6.1	5.9	5.8		5.9	5.6	5.4	5.3		5.5	5.2	5.0	4.9	4.6				5.0	4.8	4.5	4.1	3.8
34.0	5.1	5.4	5.6	5.6		5.3	5.5	5.6	5.5		5.6	5.3	5.1	5.1		5.2	5.0	4.8	4.7					4.8	4.6	4.3	4.1	3.8
36.0	4.0	4.3	4.6	4.7		4.6	4.7	5.2	5.3		5.2	5.1	4.9	4.8		4.9	4.7	4.6	4.5					4.6	4.4	4.1	4.0	3.7
38.0	3.1	3.3	3.6			3.8	4.1	4.5	4.7		4.4	4.7	4.7	4.6		4.7	4.5	4.3	4.3					4.3	4.2	4.0	3.9	
40.0	2.3	2.5	2.7			2.9	3.2	3.6			3.5	3.9	4.4	4.4		4.0	4.3	4.2	4.1					4.1	4.0	3.8	3.6	3.7
42.0	1.5	1.7	1.9			2.2	2.4	2.7			2.8	3.1	3.6	3.8		3.3	3.7	4.0	3.9					4.0	3.8	3.6	3.6	
44.0		1.0	1.1			1.5	1.7	2.0			2.1	2.4	2.8			2.6	3.0	3.5	3.7					3.3	3.6	3.5	3.5	
46.0							1.1	1.3			1.4	1.7	2.1			2.0	2.3	2.8						2.6	3.1	3.0	3.3	
48.0												1.1	1.4			1.4	1.7	2.1						2.0	2.5	2.3		
50.0																	1.2	1.5						1.5	1.9			
θ (°)	44-84	42-84	43-84	56-84	71-84	45-84	43-84	45-84	58-84	73-84	46-84	45-84	46-84	56-84	72-84	47-84	46-84	48-84	58-84	73-84	48-84	51-84	56-84	60-84	72-84			
Standard hook	25 t																				7.3 t							
The weights of the hooks	375 kg																				300 kg							
Standard number of part lines	2																				1							

Note: 50 t counterweight, 7.0 m outrigger extension width.

■ Performance FF

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
9.0	10.8																												
10.0	10.7	10.0				9.2																							
11.0	10.3	9.6				9.2					7.8																		
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9								5.0					
14.0	9.0	8.6	8.0	7.6	7.4	8.3	7.7				7.5	6.9				5.9								5.0					
16.0	8.3	8.0	7.5	7.1	7.0	7.7	7.2	6.6			7.0	6.4				5.9	5.8							5.0					
18.0	7.7	7.4	7.0	6.7	6.6	7.2	6.7	6.2	5.9	5.7	6.6	6.0	5.5			5.9	5.5							5.0	5.0				
20.0	7.1	6.9	6.6	6.4	6.3	6.6	6.3	5.8	5.6	5.4	6.2	5.7	5.2	4.9		5.6	5.2	4.7						5.0	4.7				
22.0	6.6	6.4	6.2	6.0	6.0	6.2	5.9	5.5	5.3	5.2	5.8	5.4	4.9	4.7	4.6	5.3	4.9	4.4						4.8	4.4	4.0			
24.0	6.2	6.0	5.8	5.6	5.6	5.7	5.5	5.2	5.0	4.9	5.4	5.1	4.7	4.4	4.4	5.0	4.6	4.2	4.0					4.6	4.2	3.8			
26.0	5.7	5.6	5.4	5.3	5.3	5.4	5.2	5.0	4.8	4.7	5.0	4.8	4.4	4.2	4.2	4.7	4.4	4.0	3.8	3.7				4.3	4.0	3.6	3.4		
28.0	5.4	5.2	5.1	5.0		5.0	4.8	4.7	4.6	4.5	4.7	4.5	4.2	4.0	4.0	4.4	4.1	3.8	3.6	3.6				4.1	3.8	3.5	3.3	3.2	
30.0	5.0	4.9	4.8	4.7		4.7	4.5	4.4	4.3		4.4	4.2	4.0	3.9	3.8	4.1	3.9	3.6	3.5	3.4				3.9	3.6	3.3	3.1	3.1	
32.0	4.7	4.6	4.5	4.4		4.4	4.3	4.1	4.1		4.1	4.0	3.8	3.7	3.7	3.9	3.7	3.5	3.3	3.3				3.7	3.4	3.1	3.0	2.9	
34.0	4.4	4.3	4.2	4.2		4.1	4.0	3.9	3.8		3.9	3.8	3.6	3.5		3.7	3.5	3.3	3.2	3.2				3.5	3.2	3.0	2.9	2.8	
36.0	4.2	4.1	4.0	3.9		3.9	3.8	3.7	3.6		3.7	3.5	3.4	3.4		3.5	3.3	3.2	3.0					3.3	3.1	2.9	2.7	2.7	
38.0	3.4	3.7	3.8	3.7		3.7	3.6	3.5	3.4		3.5	3.3	3.2	3.2		3.3	3.1	3.0	2.9					3.1	3.0	2.7	2.6		
40.0	2.6	2.8	3.0			3.2	3.4	3.3	3.3		3.0	3.2	3.1	3.0		3.1	3.0	2.9	2.8					2.9	2.8	2.6	2.5		
42.0	1.8	2.0	2.2			2.4	2.7	3.1	3.1		2.3	2.6	2.9	2.9		2.9	2.8	2.7	2.7					2.7	2.6	2.5	2.4		
44.0	1.2	1.3	1.5			1.8	2.0	2.3			1.7	2.0	2.3	2.5		2.7	2.6	2.6	2.5					2.6	2.5	2.4	2.3		
46.0						1.1	1.4	1.6			1.1	1.4	1.7			2.3	2.5	2.4	2.4					2.4	2.4	2.3	2.3		
48.0								1.0					1.1			1.7	2.1	2.3						2.2	2.2	2.2	2.2		
50.0																1.2	1.5	1.9						1.6	2.1	2.0	2.0		
55.0																												1.2	
θ (°)	47-84	48-84	48-84	57-84	71-84	48-84	49-84	47-84	56-84	72-84	51-84	52-84	51-84	57-84	71-84	49-84	51-84	53-84	59-84	73-84	52-84	55-84	51-84	58-84	74-84				
Standard hook	25 t																				7.3 t								
The weights of the hooks	375 kg																				300 kg								
Standard number of part lines	2																				1								

Note: 50 t counterweight, 7.0 m outrigger extension width.

■ Performance FG

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9					13.5					5.6				
8.0	23.8	19.3	15.6			14.6	14.6				13.9					13.5					5.6				
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6				13.1					5.6				
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0				12.6	10.4				5.6				
11.0	19.8	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4				12.2	9.9				5.6	5.6			
12.0	18.8	16.2	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9			11.4	9.4				5.6	5.6			
14.0	16.9	15.0	13.2	12.2	11.4	14.0	12.1	10.3	9.2	8.3	11.7	10.0	8.4			10.1	8.6	7.1			5.6	5.6			
16.0	15.4	14.0	12.6	11.8	11.3	12.6	11.2	9.8	8.9	8.2	10.5	9.2	7.9	7.1	6.3	9.1	7.9	6.7			5.6	5.6			
18.0	14.2	13.1	12.1	11.6	11.2	11.5	10.4	9.3	8.6	8.1	9.5	8.5	7.5	6.8	6.2	8.2	7.3	6.3	5.6		5.6	5.6	5.6		
20.0	12.0	12.3	11.7	11.3		10.5	9.7	8.9	8.4	8.0	8.7	7.9	7.1	6.6	6.1	7.5	6.8	6.0	5.4	4.9	5.6	5.6	5.3	4.7	
22.0	9.9	10.3	10.8	11.0		9.7	9.1	8.6	8.2		8.0	7.4	6.8	6.4	6.0	6.8	6.3	5.7	5.2	4.8	5.6	5.6	5.1	4.5	
24.0	8.0	8.3	8.8	9.0		9.0	8.6	8.2	8.0		7.4	7.0	6.5	6.2	6.0	6.3	5.9	5.4	5.1	4.7	5.6	5.3	4.8	4.4	4.0
26.0	6.4	6.7	7.0	7.1		7.3	7.8	8.0	7.9		6.8	6.6	6.3	6.1		5.8	5.5	5.2	4.9	4.7	5.3	5.0	4.6	4.2	3.9
28.0	5.0	5.3	5.5			6.0	6.3	6.8	7.0		6.4	6.2	6.0	6.0		5.4	5.2	5.0	4.8		4.9	4.7	4.4	4.1	3.8
30.0	3.8	4.1	4.3			4.8	5.1	5.5			5.5	5.9	5.9	5.9		5.0	4.9	4.8	4.7		4.5	4.4	4.2	4.0	3.8
32.0	2.7	2.8	3.0			3.7	4.1	4.3			4.5	4.9	5.3			4.7	4.7	4.6	4.6		4.2	4.1	4.0	3.9	
34.0	1.7	1.8				2.7	3.0	3.2			3.6	3.9	4.3			4.2	4.4	4.5	4.6		3.9	3.9	3.9	3.8	
36.0						1.8	2.0				2.6	3.0	3.3			3.4	3.8	4.2			3.7	3.7	3.7	3.7	
38.0						1.0	1.2				1.8	2.1	2.3			2.6	3.0	3.4			3.4	3.5	3.6	3.7	
40.0											1.1	1.3				1.8	2.2	2.5			2.6	3.0	3.5		
42.0																1.2	1.4				1.9	2.3	2.7		
44.0																					1.3	1.6	1.9		
46.0																						1.0			
θ (°)	28-84	29-84	36-84	52-84	68-84	25-84	25-84	40-84	54-84	70-84	28-84	30-84	37-84	57-84	69-84	30-84	33-84	40-84	55-84	71-84	33-84	31-84	38-84	53-84	69-84
Standard hook	63 t					25 t					7.3 t														
The weights of the hooks	600 kg					375 kg					300 kg														
Standard number of part lines	4					2					1														

Note: 36 t counterweight, 7.0 m outrigger extension width.

■ Performance FG

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9										5.6				
8.0	25.3	19.9				14.6	14.6				13.9					12.3					5.6				
9.0	23.7	19.1	15.4			14.6	14.6				13.9					12.3					5.6				
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4				12.3					5.6				
11.0	21.2	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8				12.0	10.2				5.6				
12.0	20.1	16.9	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3				11.6	9.7				5.6	5.6			
14.0	18.2	15.7	13.6	12.3	11.4	14.6	12.7	10.6	9.3	8.4	12.5	10.4	8.6			10.8	8.9				5.6	5.6			
16.0	16.6	14.7	13.0	12.0	11.3	13.6	11.8	10.1	9.0	8.2	11.3	9.6	8.1	7.1		9.7	8.2	6.8			5.6	5.6			
18.0	14.4	13.8	12.5	11.7	11.2	12.4	11.0	9.6	8.8	8.1	10.3	9.0	7.7	6.9	6.2	8.8	7.6	6.5	5.7		5.6	5.6	5.6		
20.0	12.0	12.5	12.0	11.5	11.2	11.4	10.3	9.2	8.5	8.0	9.4	8.4	7.4	6.7	6.1	8.1	7.1	6.2	5.5	4.9	5.6	5.6	5.5		
22.0	9.9	10.4	10.9	11.2		10.6	9.7	8.9	8.3	8.0	8.6	7.8	7.0	6.5	6.0	7.4	6.6	5.9	5.3	4.8	5.6	5.6	5.2	4.6	
24.0	8.0	8.4	8.9	9.2		8.9	9.2	8.5	8.2		8.0	7.4	6.8	6.3	6.0	6.8	6.2	5.6	5.1	4.7	5.6	5.6	4.9	4.4	4.0
26.0	6.4	6.7	7.1	7.4		7.3	7.8	8.3	8.0		7.4	7.0	6.5	6.2	5.9	6.3	5.9	5.4	5.0	4.7	5.6	5.3	4.7	4.3	3.9
28.0	5.1	5.4	5.7	5.8		6.0	6.4	6.9	7.2		6.6	6.6	6.3	6.1		5.9	5.5	5.2	4.9	4.6	5.3	4.9	4.5	4.2	3.8
30.0	3.9	4.2	4.4			4.8	5.2	5.6	5.8		5.4	5.9	6.1	6.0		5.5	5.2	5.0	4.8		4.9	4.7	4.3	4.1	3.8
32.0	2.7	3.0	3.2			3.7	4.1	4.5			4.4	4.8	5.4	5.7		5.0	5.0	4.8	4.7		4.6	4.4	4.2	4.0	
34.0	1.7	1.9	2.1			2.7	3.1	3.4			3.5	3.9	4.4	4.6		4.1	4.6	4.6	4.6		4.3	4.2	4.0	3.9	
36.0		1.0				1.8	2.1	2.4			2.6	3.0	3.4			3.3	3.7	4.2	4.6		3.9	4.0	3.9	3.8	
38.0						1.0	1.3	1.4			1.8	2.1	2.5			2.4	2.9	3.4			3.2	3.7	3.7	3.7	
40.0											1.1	1.4	1.6			1.7	2.1	2.6			2.5	3.0	3.5	3.7	
42.0																1.1	1.4	1.8			1.8	2.3	2.8		
44.0																		1.0			1.2	1.6	2.0		
46.0																						1.0	1.3		
θ (°)	38-84	35-84	40-84	54-84	68-84	36-84	37-84	38-84	56-84	70-84	37-84	39-84	41-84	54-84	69-84	39-84	41-84	39-84	57-84	70-84	41-84	40-84	42-84	55-84	72-84
Standard hook	63 t					25 t					7.3 t														
The weights of the hooks	600 kg					375 kg					300 kg														
Standard number of part lines	4					2					1														

Note: 36 t counterweight, 7.0 m outrigger extension width.

■ Performance FG

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
7.0	21.3					14.6					13.5																	
8.0	21.3	20.9				14.6					13.5					10.8												
9.0	21.3	20.1				14.6	14.6				13.5					10.8								5.6				
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8								5.6				
11.0	20.8	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8								5.6				
12.0	19.7	17.9	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8							5.6				
14.0	17.9	16.7	14.1	12.6	11.6	14.6	13.2	10.8	9.4		12.9	10.8	8.7			10.6	9.3							5.6	5.6			
16.0	16.4	15.7	13.5	12.3	11.4	14.6	12.3	10.3	9.1	8.3	12.1	10.1	8.3	7.2		10.0	8.6	7.0						5.6	5.6			
18.0	14.5	14.7	13.0	12.0	11.3	13.3	11.5	9.9	8.9	8.1	11.0	9.4	7.9	7.0	6.2	9.4	8.0	6.6						5.6	5.6	5.6		
20.0	12.0	12.5	12.6	11.8	11.3	12.3	10.8	9.5	8.7	8.1	10.1	8.8	7.6	6.8	6.1	8.6	7.4	6.3	5.5					5.6	5.6	5.6		
22.0	10.0	10.4	10.9	11.3		10.7	10.2	9.1	8.5	8.0	9.3	8.2	7.2	6.6	6.1	7.9	7.0	6.0	5.4	4.8			5.6	5.6	5.3	4.7		
24.0	8.0	8.5	9.0	9.3		8.9	9.5	8.8	8.3	7.9	8.6	7.8	7.0	6.4	6.0	7.3	6.5	5.8	5.2	4.8			5.6	5.6	5.1	4.5		
26.0	6.4	6.8	7.2	7.5		7.2	7.7	8.4	8.1		7.8	7.4	6.7	6.3	5.9	6.8	6.2	5.5	5.1	4.7			5.6	5.5	4.9	4.4	3.9	
28.0	5.1	5.4	5.8	6.0		5.9	6.3	6.9	7.3		6.5	7.0	6.5	6.1		6.3	5.8	5.3	5.0	4.6			5.6	5.2	4.7	4.2	3.9	
30.0	3.9	4.2	4.5	4.7		4.7	5.1	5.6	5.9		5.3	5.8	6.3	6.0		5.8	5.5	5.1	4.8	4.6			5.3	4.9	4.5	4.1	3.8	
32.0	2.7	3.0	3.3			3.6	4.1	4.5	4.7		4.3	4.8	5.3	5.7		4.8	5.2	4.9	4.7				5.0	4.7	4.3	4.0	3.8	
34.0	1.7	2.0	2.2			2.6	3.0	3.4	3.6		3.3	3.8	4.3	4.6		3.9	4.4	4.8	4.7				4.6	4.4	4.1	3.9		
36.0		1.0	1.2			1.7	2.0	2.4			2.4	2.9	3.4	3.7		3.1	3.6	4.2	4.6				3.8	4.2	4.0	3.9		
38.0							1.2	1.5			1.6	2.0	2.5			2.2	2.8	3.4	3.7				3.0	3.6	3.5	3.8		
40.0												1.3	1.6			1.5	2.0	2.5					2.3	2.8	3.5	3.7		
42.0																	1.3	1.7					1.6	2.1	2.7	3.1		
44.0																		1.0					1.0	1.5	2.0			
46.0																												
θ (°)	46-84	43-84	44-84	55-84	72-84	46-84	45-84	46-84	54-84	70-84	47-84	46-84	48-84	56-84	71-84	48-84	47-84	46-84	58-84	70-84	46-84	49-84	49-84	49-84	57-84	72-84		
Standard hook	63 t					25 t					7.3 t																	
The weights of the hooks	600 kg					375 kg					300 kg																	
Standard number of part lines	3					2					1																	

Note: 36 t counterweight, 7.0 m outrigger extension width.

■ Performance FG

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m									
	Offset					Offset					Offset					Offset					Offset									
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°					
7.0	17.2																													
8.0	17.2																													
9.0	17.2	17.2				13.7					11.3																			
10.0	17.2	17.2				13.7					11.3					9.3									5.6					
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3									5.6					
12.0	16.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3									5.6					
14.0	15.1	14.8	14.2	12.7	11.6	13.7	13.5	11.0			11.3	10.7				9.3	8.8								5.6					
16.0	14.1	13.6	13.2	12.4	11.5	13.0	12.5	10.6	9.2		11.3	10.2	8.5			9.3	8.4								5.6	5.6				
18.0	12.9	12.7	12.3	12.1	11.4	12.0	11.7	10.1	9.0	8.2	11.2	9.7	8.1	7.0		9.2	8.0	6.7							5.6	5.6				
20.0	11.9	11.7	11.4	11.3	11.3	11.3	10.9	9.7	8.8	8.1	10.5	9.2	7.7	6.8	6.2	8.7	7.7	6.4							5.6	5.6	5.6			
22.0	10.2	10.6	10.7	10.6	10.6	10.4	10.2	9.4	8.6	8.0	9.8	8.6	7.4	6.7	6.1	8.3	7.3	6.2	5.4	4.8					5.6	5.6	5.4			
24.0	8.2	8.7	9.2	9.6		9.0	9.6	9.1	8.4	8.0	9.2	8.1	7.1	6.5	6.0	7.8	6.8	5.9	5.3	4.8					5.6	5.6	5.2	4.6		
26.0	6.6	7.0	7.5	7.8		7.4	7.9	8.6	8.3	7.9	7.9	7.7	6.9	6.4	6.0	7.2	6.5	5.7	5.1	4.7					5.6	5.6	5.0	4.4	3.9	
28.0	5.3	5.6	6.0	6.3		6.0	6.5	7.1	7.5		6.6	7.2	6.7	6.2	5.9	6.8	6.1	5.5	5.0	4.7					5.6	5.5	4.8	4.3	3.9	
30.0	4.1	4.4	4.8	5.0		4.9	5.3	5.8	6.1		5.4	5.9	6.4	6.1		5.9	5.8	5.3	4.9	4.6					5.6	5.2	4.6	4.2	3.8	
32.0	3.0	3.3	3.6	3.8		3.8	4.2	4.7	5.0		4.4	4.9	5.5	5.9		4.9	5.5	5.1	4.8						5.3	4.9	4.4	4.1	3.8	
34.0	1.9	2.2	2.5			2.8	3.2	3.7	3.9		3.4	3.9	4.5	4.8		4.0	4.5	4.9	4.7						4.6	4.7	4.3	4.0	3.8	
36.0	1.1	1.3	1.6			1.9	2.3	2.7	2.9		2.5	3.0	3.6	3.9		3.1	3.7	4.3	4.7						3.8	4.4	4.1	3.9		
38.0						1.1	1.4	1.8			1.7	2.2	2.7	3.0		2.3	2.9	3.5	3.9						3.0	3.6	4.0	3.8		
40.0								1.0			1.0	1.4	1.9			1.6	2.1	2.7	3.1						2.3	2.9	3.6	3.8		
42.0													1.1			1.0	1.4	1.9	2.2						1.7	2.2	2.9	3.3		
44.0																		1.2							1.1	1.5	2.1	2.5		
46.0																														
θ (°)	48-84	49-84	50-84	57-84	72-84	48-84	50-84	48-84	55-84	70-84	49-84	51-84	50-84	57-84	71-84	50-84	52-84	52-84	56-84	73-84	51-84	51-84	51-84	54-84	54-84	55-84	72-84			
Standard hook	63 t					25 t					7.3 t																			
The weights of the hooks	600 kg					375 kg					300 kg																			
Standard number of part lines	3					2					1																			

Note: 36 t counterweight, 7.0 m outrigger extension width.

Performance FG

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m									
	Offset					Offset					Offset					Offset					Offset									
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
8.0	13.5																													
9.0	13.5					11.4																								
10.0	13.5	13.5				11.4					9.6																			
11.0	13.5	13.0				11.4					9.6					8.0									5.6					
12.0	13.1	12.5	11.9			11.4	11.3				9.6					8.0									5.6					
14.0	12.1	11.6	11.0	10.7	10.6	11.1	10.5				9.6	9.6				8.0	8.0								5.6					
16.0	11.2	10.8	10.3	10.0	9.9	10.3	9.8	9.3	9.0		9.5	9.0	8.4			8.0	8.0								5.6	5.6				
18.0	10.5	10.0	9.6	9.4	9.3	9.6	9.2	8.7	8.4	8.2	8.9	8.4	7.9			8.0	7.7								5.6	5.6				
20.0	9.8	9.4	9.0	8.8	8.8	9.0	8.6	8.2	7.9	7.9	8.3	7.9	7.5	6.9											5.6	5.6				
22.0	9.1	8.8	8.5	8.3	8.3	8.4	8.1	7.7	7.5	7.5	7.8	7.4	7.0	6.7	6.1	7.3	6.9	6.3	5.5						5.6	5.6	5.2			
24.0	8.5	8.3	8.0	7.9	7.9	7.9	7.6	7.3	7.1	7.1	7.3	7.0	6.7	6.5	6.0	6.9	6.5	6.0	5.3	4.8				5.6	5.6	5.1				
26.0	6.9	7.3	7.6	7.4		7.5	7.2	6.9	6.7	6.7	6.9	6.6	6.3	6.2	6.0	6.5	6.2	5.8	5.2	4.7				5.6	5.6	4.9	4.5			
28.0	5.6	5.9	6.3	6.6		6.1	6.6	6.5	6.4		6.5	6.3	6.0	5.8	5.8	6.1	5.8	5.5	5.1	4.7				5.6	5.3	4.7	4.4	3.9		
30.0	4.4	4.7	5.1	5.3		5.0	5.4	5.9	6.1		5.5	5.9	5.7	5.6	5.6	5.8	5.5	5.3	5.0	4.6				5.3	5.1	4.6	4.2	3.9		
32.0	3.3	3.6	4.0	4.2		4.0	4.4	4.8	5.1		4.5	5.0	5.4	5.3		4.9	5.2	5.0	4.9	4.6				5.0	4.8	4.5	4.1	3.8		
34.0	2.3	2.6	2.9	3.1		2.9	3.4	3.9	4.1		3.5	4.0	4.6	5.0		4.0	4.6	4.8	4.7					4.6	4.6	4.3	4.1	3.8		
36.0	1.4	1.6	1.9	2.0		2.0	2.4	2.9	3.1		2.6	3.1	3.7	4.1		3.2	3.8	4.4	4.5					3.8	4.4	4.1	4.0	3.7		
38.0			1.1			1.2	1.6	2.0	2.2		1.8	2.3	2.9	3.2		2.4	2.9	3.6	4.0					3.1	3.7	3.6	3.9			
40.0								1.2			1.1	1.5	2.0	2.3		1.7	2.2	2.8	3.2					2.4	3.0	3.0	3.4			
42.0													1.3	1.5		1.0	1.5	2.1	2.4					1.7	2.3	2.3	2.7			
44.0																		1.4	1.7					1.1	1.6	1.6	2.0			
46.0																									1.0	1.0	1.3			
θ (°)	52-84	53-84	52-84	55-84	71-84	53-84	54-84	56-84	57-84	73-84	53-84	55-84	55-84	55-84	72-84	54-84	56-84	56-84	57-84	73-84	54-84	55-84	57-84	59-84	59-84	72-84				
Standard hook	25 t																				7.3 t									
The weights of the hooks	375 kg																				300 kg									
Standard number of part lines	2																				1									

Note: 36 t counterweight, 7.0 m outrigger extension width.

Performance FG

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m											
	Offset					Offset					Offset					Offset					Offset											
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°		
9.0	10.8																															
10.0	10.7	10.0				9.2																										
11.0	10.3	9.6				9.2					7.8																					
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9									5.0							
14.0	9.0	8.6	8.0	7.6	7.4	8.3	7.7				7.5	6.9				5.9									5.0							
16.0	8.3	8.0	7.5	7.1	7.0	7.7	7.2	6.6			7.0	6.4				5.9	5.8								5.0							
18.0	7.7	7.4	7.0	6.7	6.6	7.2	6.7	6.2	5.9	5.7	6.6	6.0	5.5			5.9	5.5								5.0	5.0						
20.0	7.1	6.9	6.6	6.4	6.3	6.6	6.3	5.8	5.6	5.4	6.2	5.7	5.2	4.9		5.6	5.2	4.7							5.0	4.7						
22.0	6.6	6.4	6.2	6.0	6.0	6.2	5.9	5.5	5.3	5.2	5.8	5.4	4.9	4.7	4.6	5.3	4.9	4.4							4.8	4.4	4.0					
24.0	6.2	6.0	5.8	5.6	5.6	5.7	5.5	5.2	5.0	4.9	5.4	5.1	4.7	4.4	4.4	5.0	4.6	4.2	4.0						4.6	4.2	3.8					
26.0	5.7	5.6	5.4	5.3	5.3	5.4	5.2	5.0	4.8	4.7	5.0	4.8	4.4	4.2	4.2	4.7	4.4	4.0	3.8	3.7				4.3	4.0	3.6	3.4					
28.0	5.4	5.2	5.1	5.0		5.0	4.8	4.7	4.6	4.5	4.7	4.5	4.2	4.0	4.0	4.4	4.1	3.8	3.6	3.6				4.1	3.8	3.5	3.3	3.2				
30.0	4.7	4.9	4.8	4.7		4.7	4.5	4.4	4.3		4.4	4.2	4.0	3.9	3.8	4.1	3.9	3.6	3.5	3.4				3.9	3.6	3.3	3.1	3.1				
32.0	3.6	3.9	4.3	4.4		4.2	4.3	4.1	4.1		3.8	4.0	3.8	3.7	3.7	3.9	3.7	3.5	3.3	3.3				3.7	3.4	3.1	3.0	2.9				
34.0	2.6	2.9	3.2	3.4		3.2	3.6	3.9	3.8		2.8	3.4	3.6	3.5		3.7	3.5	3.3	3.2	3.2				3.5	3.2	3.0	2.9	2.8				
36.0	1.7	2.0	2.3	2.4		2.3	2.7	3.2	3.5		2.1	2.5	3.1	3.4		3.5	3.3	3.2	3.0					3.3	3.1	2.9	2.7	2.7				
38.0		1.2	1.4	1.5		1.5	1.9	2.3	2.5		1.3	1.8	2.3	2.6		2.8	3.1	3.0	2.9					3.1	3.0	2.7	2.6					
40.0							1.1	1.5	1.7			1.1	1.6	1.8		2.0	2.6	2.9	2.8					2.5	2.8	2.6	2.5					
42.0														1.1			1.4	1.9	2.5	2.7					1.8	2.4	2.5	2.4				
44.0																		1.2	1.8	2.1					1.2	1.8	2.4	2.3				
46.0																			1.2	1.4						1.2	1.8	2.2				
48.0																											1.2	1.6				
50.0																												1.0				
θ (°)	56-84	55-84	56-84	56-84	71-84	57-84	56-84	57-84	58-84	72-84	59-84	58-84	61-84	59-84	71-84	58-84	57-84	57-84	59-84	73-84	58-84	58-84	59-84	57-84	59-84	57-84	74-84					
Standard hook	25 t																				7.3 t											
The weights of the hooks	375 kg																				300 kg											
Standard number of part lines	2																				1											

Note: 36 t counterweight, 7.0 m outrigger extension width.

■ Performance FG

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
10.0	8.5																												
11.0	8.2	7.7				6.8																							
12.0	7.8	7.4				6.8					5.8																		
14.0	7.2	6.8	6.4			6.6	6.1				5.8																		
16.0	6.6	6.3	5.9	5.7	5.6	6.1	5.7	5.3			5.6	5.2																	
18.0	6.1	5.8	5.5	5.3	5.2	5.6	5.3	4.9	4.7		5.2	4.9	4.5			4.8								4.3					
20.0	5.7	5.4	5.2	5.0	4.9	5.2	4.9	4.6	4.4	4.3	4.8	4.5	4.2			4.5								4.2					
22.0	5.3	5.1	4.8	4.7	4.6	4.9	4.6	4.3	4.2	4.1	4.5	4.2	3.9	3.8	3.7	4.2	3.9							3.9	3.6				
24.0	4.9	4.7	4.5	4.4	4.3	4.6	4.3	4.1	3.9	3.9	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.4							3.7	3.4			
26.0	4.5	4.4	4.2	4.1	4.1	4.3	4.0	3.8	3.7	3.6	3.9	3.7	3.5	3.3	3.3	3.7	3.5	3.2							3.4	3.2	3.0		
28.0	4.2	4.1	4.0	3.9		3.9	3.8	3.6	3.5	3.4	3.7	3.5	3.3	3.2	3.1	3.5	3.2	3.0	2.9	2.9					3.2	3.0	2.8		
30.0	3.9	3.8	3.7	3.7		3.7	3.6	3.4	3.3	3.3	3.5	3.3	3.1	3.0	3.0	3.2	3.0	2.9	2.7	2.7					3.0	2.8	2.6	2.5	2.5
32.0	3.6	3.5	3.4	3.4		3.4	3.3	3.2	3.1		3.3	3.1	2.9	2.8	2.8	3.0	2.9	2.7	2.6	2.6					2.8	2.7	2.5	2.4	2.4
34.0	2.8	3.2	3.2	3.2		3.2	3.1	3.0	2.9		3.0	2.9	2.8	2.7		2.9	2.7	2.5	2.5	2.4					2.7	2.5	2.4	2.3	2.2
36.0	2.0	2.2	2.6	2.8		2.7	2.9	2.8	2.8		2.8	2.7	2.6	2.5		2.7	2.5	2.4	2.3	2.3					2.5	2.4	2.2	2.1	2.1
38.0	1.2	1.4	1.7	1.9		1.9	2.3	2.6	2.6		2.5	2.6	2.5	2.4		2.5	2.4	2.3	2.2						2.4	2.2	2.1	2.0	2.0
40.0			1.0	1.1		1.2	1.6	2.0	2.2		1.7	2.2	2.3	2.3		2.2	2.3	2.1	2.1						2.2	2.1	2.0	1.9	
42.0								1.2	1.4		1.1	1.5	2.0	2.2		1.5	2.0	2.0	2.0						2.0	2.0	1.9	1.8	
44.0													1.3	1.6		1.0	1.4	1.9	1.9						1.4	1.9	1.8	1.7	
46.0																		1.4	1.7							1.3	1.7	1.6	
48.0																			1.1								1.4	1.5	
50.0																												1.2	
θ (°)	58-84	59-84	57-84	58-84	73-84	58-84	59-84	59-84	59-84	72-84	58-84	60-84	60-84	61-84	73-84	59-84	61-84	61-84	60-84	72-84	61-84	61-84	62-84	61-84	61-84	62-84	61-84	74-84	
Standard hook	25 t										7.3 t																		
The weights of the hooks	375 kg										300 kg																		
Standard number of part lines	2										1																		

Note: 36 t counterweight, 7.0 m outrigger extension width.

■ Performance FG

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m									
	Offset					Offset					Offset					Offset					Offset									
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°					
10.0	5.6																													
11.0	5.6																													
12.0	5.6	5.6				5.1																								
14.0	5.6	5.6	5.6			5.1	5.1				4.6					4.3														
16.0	5.6	5.6	5.4	5.2	5.1	5.1	5.1				4.6	4.6				4.3														
18.0	5.6	5.3	5.1	4.9	4.8	5.1	4.9	4.6			4.6	4.5				4.3	4.2									4.0				
20.0	5.2	5.0	4.7	4.6	4.5	4.8	4.5	4.3	4.0	3.7	4.5	4.2	3.9			4.2	3.9								3.9	3.6				
22.0	4.8	4.6	4.4	4.3	4.2	4.5	4.2	4.0	3.6	3.3	4.2	3.9	3.6	3.1		3.9	3.6	3.2							3.6	3.4				
24.0	4.4	4.3	4.1	4.0	3.8	4.2	4.0	3.7	3.3	3.1	3.9	3.7	3.3	2.8	2.6	3.6	3.4	2.9	2.5						3.4	3.2	2.6			
26.0	4.1	4.0	3.9	3.6	3.4	3.9	3.7	3.4	3.0	2.8	3.6	3.4	2.9	2.6	2.3	3.4	3.2	2.6	2.2	2.0					3.2	2.9	2.3			
28.0	3.8	3.7	3.6	3.3	3.1	3.6	3.5	3.0	2.7	2.5	3.4	3.1	2.6	2.3	2.1	3.2	2.8	2.3	2.0	1.8					3.0	2.6	2.1	1.8		
30.0	3.5	3.4	3.2	3.0		3.3	3.2	2.7	2.4	2.3	3.2	2.8	2.4	2.1	1.9	3.0	2.5	2.1	1.8	1.7					2.7	2.3	1.9	1.6	1.5	
32.0	3.2	3.1	2.9	2.7		3.1	3.0	2.4	2.2		2.8	2.5	2.1	1.9	1.8	2.6	2.2	1.9	1.6	1.5					2.4	2.0	1.7	1.5	1.3	
34.0	3.0	2.9	2.6	2.4		2.8	2.8	2.2	2.0		2.5	2.2	1.9	1.7	1.6	2.3	2.0	1.7	1.5	1.4					2.1	1.8	1.5	1.3	1.2	
36.0	2.1	2.4	2.3	2.1		2.6	2.5	1.9	1.8		2.2	1.9	1.7	1.5		2.0	1.8	1.5	1.3	1.2					1.8	1.6	1.3	1.2	1.1	
38.0	1.3	1.6	1.9	1.9		1.9	2.2	1.7	1.6		1.9	1.7	1.5	1.3		1.8	1.5	1.3	1.2						1.6	1.4	1.2	1.0		
40.0							1.5	1.5	1.4		1.6	1.5	1.3	1.2		1.5	1.3	1.1	1.0						1.4	1.2	1.0			
42.0								1.2	1.2				1.3	1.1	1.0		1.3	1.2	1.0							1.2	1.0			
44.0													1.0					1.0								1.0				
θ (°)	60-84	61-84	61-84	61-84	72-84	61-84	62-84	61-84	62-84	73-84	62-84	62-84	62-84	65-84	72-84	63-84	63-84	66-84	69-84	73-84	63-84	66-84	70-84	73-84	63-84	66-84	70-84	73-84	76-84	
Standard hook	7.3 t										7.3 t																			
The weights of the hooks	300 kg										300 kg																			
Standard number of part lines	1										1																			

Note: 36 t counterweight, 7.0 m outrigger extension width.

■ Performance FH

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9					13.5					5.6				
8.0	23.8	19.3	15.6			14.6	14.6				13.9					13.5					5.6				
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6				13.1					5.6				
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0				12.6	10.4				5.6				
11.0	19.8	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4				12.2	9.9				5.6	5.6			
12.0	18.8	16.2	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9			11.4	9.4				5.6	5.6			
14.0	16.9	15.0	13.2	12.2	11.4	14.0	12.1	10.3	9.2	8.3	11.7	10.0	8.4			10.1	8.6	7.1			5.6	5.6			
16.0	14.0	14.0	12.6	11.8	11.3	12.6	11.2	9.8	8.9	8.2	10.5	9.2	7.9	7.1	6.3	9.1	7.9	6.7			5.6	5.6			
18.0	10.7	11.3	12.1	11.6	11.2	11.5	10.4	9.3	8.6	8.1	9.5	8.5	7.5	6.8	6.2	8.2	7.3	6.3	5.6		5.6	5.6	5.6		
20.0	8.2	8.7	9.4	9.8		9.2	9.7	8.9	8.4	8.0	8.7	7.9	7.1	6.6	6.1	7.5	6.8	6.0	5.4	4.9	5.6	5.6	5.3	4.7	
22.0	6.2	6.6	7.2	7.5		7.2	7.9	8.6	8.2		8.0	7.4	6.8	6.4	6.0	6.8	6.3	5.7	5.2	4.8	5.6	5.6	5.1	4.5	
24.0	4.6	5.0	5.4	5.6		5.6	6.1	6.8	7.3		6.3	7.0	6.5	6.2	6.0	6.3	5.9	5.4	5.1	4.7	5.6	5.3	4.8	4.4	4.0
26.0	3.3	3.6	4.0	4.1		4.3	4.7	5.3	5.6		5.0	5.6	6.3	6.1		5.6	5.5	5.2	4.9	4.7	5.3	5.0	4.6	4.2	3.9
28.0	2.0	2.4	2.7			3.2	3.5	4.0	4.2		3.9	4.4	5.0	5.5		4.5	5.1	5.0	4.8	4.7	4.9	4.7	4.4	4.1	3.8
30.0		1.2	1.4			2.1	2.5	2.9			2.9	3.3	3.9	4.2		3.5	4.0	4.8	4.7		4.2	4.4	4.2	4.0	3.8
32.0						1.1	1.4	1.8			1.9	2.4	2.9			2.7	3.1	3.8	4.2		3.3	3.9	4.0	3.9	
34.0											1.1	1.5	1.9			1.8	2.3	2.9	3.2		2.6	3.1	3.8	3.8	
36.0													1.0		1.0	1.5	2.0				1.8	2.4	3.0	3.4	
38.0																	1.2				1.2	1.7	2.3	2.6	
40.0																						1.0	1.5		
θ (°)	44-84	41-84	42-84	52-84	68-84	40-84	42-84	44-84	54-84	70-84	42-84	44-84	42-84	56-84	69-84	43-84	46-84	45-84	55-84	71-84	45-84	44-84	47-84	53-84	69-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 24 t counterweight, 7.0 m outrigger extension width.

■ Performance FH

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9					12.3					5.6				
8.0	25.3	19.9				14.6	14.6				13.9					12.3					5.6				
9.0	23.7	19.1	15.4			14.6	14.6				13.9					12.3					5.6				
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4				12.3					5.6				
11.0	21.2	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8				12.0	10.2				5.6				
12.0	20.1	16.9	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3				11.6	9.7				5.6	5.6			
14.0	18.2	15.7	13.6	12.3	11.4	14.6	12.7	10.6	9.3	8.4	12.5	10.4	8.6			10.8	8.9				5.6	5.6			
16.0	14.1	14.7	13.0	12.0	11.3	13.6	11.8	10.1	9.0	8.2	11.3	9.6	8.1	7.1		9.7	8.2	6.8			5.6	5.6			
18.0	10.7	11.4	12.2	11.7	11.2	11.8	11.0	9.6	8.8	8.1	10.3	9.0	7.7	6.9	6.2	8.8	7.6	6.5	5.7		5.6	5.6	5.6		
20.0	8.2	8.8	9.5	9.9	10.1	9.2	10.0	9.2	8.5	8.0	9.4	8.4	7.4	6.7	6.1	8.1	7.1	6.2	5.5	4.9	5.6	5.6	5.5		
22.0	6.2	6.7	7.3	7.7		7.2	7.9	8.7	8.3	8.0	7.9	7.8	7.0	6.5	6.0	7.4	6.6	5.9	5.3	4.8	5.6	5.6	5.2	4.6	
24.0	4.7	5.1	5.5	5.8		5.6	6.2	6.9	7.4		6.3	7.0	6.8	6.3	6.0	6.8	6.2	5.6	5.1	4.7	5.6	5.6	4.9	4.4	4.0
26.0	3.4	3.7	4.1	4.3		4.3	4.8	5.4	5.8		4.9	5.6	6.4	6.2	5.9	5.5	5.9	5.4	5.0	4.7	5.6	5.3	4.7	4.3	3.9
28.0	2.1	2.5	2.9	3.0		3.2	3.6	4.1	4.4		3.8	4.3	5.1	5.6		4.4	5.0	5.2	4.9	4.6	5.1	4.9	4.5	4.2	3.8
30.0	1.0	1.3	1.6			2.1	2.5	3.0	3.2		2.8	3.3	3.9	4.3		3.4	4.0	4.8	4.8		4.1	4.7	4.3	4.1	3.8
32.0						1.1	1.5	1.9			1.9	2.4	3.0	3.3		2.6	3.1	3.8	4.3		3.2	3.8	4.2	4.0	
34.0											1.0	1.5	2.0	2.3		1.7	2.3	2.9	3.3		2.5	3.0	3.8	3.9	
36.0													1.1				1.4	2.1	2.4		1.7	2.3	3.0	3.5	
38.0																		1.3			1.0	1.6	2.3	2.7	
40.0																						1.5	1.9		
θ (°)	46-84	48-84	49-84	53-84	68-84	47-84	49-84	51-84	56-84	70-84	48-84	50-84	49-84	54-84	69-84	52-84	51-84	51-84	56-84	70-84	49-84	53-84	53-84	55-84	72-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 24 t counterweight, 7.0 m outrigger extension width.

■ Performance FH

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	21.3					14.6					13.5														
8.0	21.3	20.9				14.6					13.5					10.8									
9.0	21.3	20.1				14.6	14.6				13.5					10.8							5.6		
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8							5.6		
11.0	20.8	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8							5.6		
12.0	19.7	17.9	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8						5.6		
14.0	17.9	16.7	14.1	12.6	11.6	14.6	13.2	10.8	9.4		12.9	10.8	8.7			10.6	9.3						5.6	5.6	
16.0	14.1	15.0	13.5	12.3	11.4	14.6	12.3	10.3	9.1	8.3	12.1	10.1	8.3	7.2		10.0	8.6	7.0					5.6	5.6	
18.0	10.8	11.5	12.4	12.0	11.3	11.7	11.5	9.9	8.9	8.1	11.0	9.4	7.9	7.0	6.2	9.4	8.0	6.6					5.6	5.6	
20.0	8.3	8.9	9.6	10.1	10.3	9.2	9.9	9.5	8.7	8.1	9.8	8.8	7.6	6.8	6.1	8.6	7.4	6.3	5.5				5.6	5.6	
22.0	6.3	6.8	7.4	7.8		7.1	7.8	8.7	8.5	8.0	7.8	8.2	7.2	6.6	6.1	7.9	7.0	6.0	5.4	4.8			5.6	5.6	
24.0	4.7	5.1	5.6	6.0		5.5	6.1	6.9	7.4	7.7	6.2	6.9	7.0	6.4	6.0	6.7	6.5	5.8	5.2	4.8			5.6	5.6	
26.0	3.4	3.8	4.2	4.5		4.2	4.7	5.4	5.8		4.8	5.5	6.3	6.3	5.9	5.4	6.1	5.5	5.1	4.7			5.6	5.5	
28.0	2.1	2.5	3.0	3.2		3.1	3.5	4.1	4.5		3.7	4.3	5.0	5.6		4.2	4.9	5.3	5.0	4.6			4.9	5.2	
30.0		1.4	1.7	1.9		1.9	2.4	3.0	3.3		2.7	3.2	3.9	4.4		3.2	3.9	4.7	4.8	4.6			3.9	4.7	
32.0						1.0	1.4	1.9	2.2		1.7	2.3	2.9	3.3		2.4	3.0	3.7	4.3				3.1	3.7	
34.0									1.2			1.4	2.0	2.4		1.5	2.1	2.8	3.3				2.3	2.9	
36.0												1.1	1.4				1.3	2.0	2.5				1.5	2.2	
38.0																	1.2	1.6					1.4	2.2	
40.0																							1.5	1.9	
42.0																								1.1	
θ (°)	53-84	53-84	54-84	55-84	71-84	52-84	54-84	56-84	53-84	70-84	55-84	55-84	54-84	55-84	71-84	56-84	55-84	56-84	57-84	70-84	56-84	57-84	57-84	56-84	72-84
Standard hook	63 t					25 t					7.3 t														
The weights of the hooks	600 kg					375 kg					300 kg														
Standard number of part lines	3					2					1														

Note: 24 t counterweight, 7.0 m outrigger extension width.

■ Performance FH

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	17.2																								
8.0	17.2																								
9.0	17.2	17.2				13.7					11.3														
10.0	17.2	17.2				13.7					11.3					9.3								5.6	
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3								5.6	
12.0	16.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3								5.6	
14.0	15.1	14.8	14.2	12.7	11.6	13.7	13.5	11.0			11.3	10.7				9.3	8.8							5.6	
16.0	14.1	13.6	13.2	12.4	11.5	13.0	12.5	10.6	9.2		11.3	10.2	8.5			9.3	8.4							5.6	5.6
18.0	11.0	11.7	12.3	12.1	11.4	11.9	11.7	10.1	9.0	8.2	11.2	9.7	8.1	7.0		9.2	8.0	6.7					5.6	5.6	
20.0	8.5	9.1	9.8	10.3	10.6	9.3	10.1	9.7	8.8	8.1	9.9	9.2	7.7	6.8	6.2	8.7	7.7	6.4					5.6	5.6	
22.0	6.5	7.0	7.6	8.1	8.3	7.3	8.0	8.9	8.6	8.0	7.9	8.6	7.4	6.7	6.1	8.3	7.3	6.2	5.4	4.8			5.6	5.6	
24.0	4.9	5.3	5.9	6.2		5.7	6.3	7.1	7.6	7.9	6.3	7.0	7.1	6.5	6.0	6.8	6.8	5.9	5.3	4.8			5.6	5.6	
26.0	3.6	4.0	4.4	4.7		4.3	4.9	5.5	6.0	6.3	4.9	5.6	6.5	6.4	6.0	5.4	6.2	5.7	5.1	4.7			5.6	5.6	
28.0	2.4	2.8	3.2	3.5		3.2	3.7	4.3	4.7		3.8	4.4	5.2	5.7	5.9	4.3	5.0	5.5	5.0	4.7			4.9	5.5	
30.0		1.6	2.0	2.3		2.1	2.6	3.2	3.5		2.8	3.3	4.0	4.5		3.3	3.9	4.8	4.9	4.6			3.9	4.7	
32.0						1.1	1.6	2.2	2.5		1.8	2.4	3.1	3.5		2.4	3.0	3.8	4.4				3.1	3.8	
34.0								1.2	1.5		1.0	1.5	2.2	2.6		1.6	2.2	3.0	3.5				2.3	3.0	
36.0													1.3	1.7			1.4	2.2	2.6				1.5	2.3	
38.0																	1.4	1.8					1.5	2.3	
40.0																							1.6	2.1	
42.0																								1.3	
θ (°)	57-84	57-84	57-84	57-84	71-84	56-84	58-84	57-84	58-84	70-84	56-84	58-84	58-84	60-84	71-84	59-84	59-84	59-84	58-84	73-84	59-84	59-84	61-84	60-84	72-84
Standard hook	63 t					25 t					7.3 t														
The weights of the hooks	600 kg					375 kg					300 kg														
Standard number of part lines	3					2					1														

Note: 24 t counterweight, 7.0 m outrigger extension width.

■ Performance FH

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m						
	Offset					Offset					Offset					Offset					Offset						
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°		
8.0	13.5																										
9.0	13.5					11.4																					
10.0	13.5	13.5				11.4					9.6																
11.0	13.5	13.0				11.4					9.6					8.0								5.6			
12.0	13.1	12.5	11.9			11.4	11.3				9.6					8.0								5.6			
14.0	12.1	11.6	11.0	10.7	10.6	11.1	10.5				9.6	9.6				8.0	8.0							5.6			
16.0	11.2	10.8	10.3	10.0	9.9	10.3	9.8	9.3	9.0		9.5	9.0	8.4			8.0	8.0							5.6	5.6		
18.0	10.5	10.0	9.6	9.4	9.3	9.6	9.2	8.7	8.4	8.2	8.9	8.4	7.9			8.0	7.7							5.6	5.6		
20.0	8.8	9.4	9.0	8.8	8.8	9.0	8.6	8.2	7.9	7.9	8.3	7.9	7.5	6.9		7.7	7.3	6.5						5.6	5.6		
22.0	6.8	7.3	7.9	8.3	8.3	7.4	8.1	7.7	7.5	7.5	7.8	7.4	7.0	6.7	6.1	7.3	6.9	6.3	5.5					5.6	5.6	5.2	
24.0	5.2	5.6	6.2	6.6	6.7	5.8	6.4	7.2	7.1	7.1	6.3	7.0	6.7	6.5	6.0	6.8	6.5	6.0	5.3	4.8				5.6	5.6	5.1	
26.0	3.9	4.3	4.7	5.1		4.5	5.0	5.7	6.2	6.5	5.0	5.7	6.3	6.2	6.0	5.5	6.2	5.8	5.2	4.7				5.6	5.6	4.9	4.5
28.0	2.7	3.1	3.5	3.8		3.3	3.8	4.4	4.9		3.9	4.5	5.3	5.8	5.8	4.3	5.1	5.5	5.1	4.7	5.0	5.3	4.7	4.4	3.9		
30.0	1.6	2.0	2.4	2.7		2.3	2.8	3.4	3.7		2.9	3.4	4.2	4.7	5.0	3.3	4.0	4.9	5.0	4.6	4.0	4.7	4.6	4.2	3.9		
32.0			1.3	1.6		1.3	1.8	2.4	2.7		1.9	2.5	3.2	3.6		2.5	3.1	3.9	4.5	4.6	3.1	3.8	3.9	4.1	3.8		
34.0								1.4	1.7			1.6	2.3	2.8		1.6	2.3	3.0	3.6		2.4	3.0	3.1	3.7	3.8		
36.0													1.5	1.9			1.5	2.3	2.7		1.6	2.3	2.4	2.9	3.2		
38.0																	1.5	2.0			1.6	1.7	2.2				
40.0																		1.2				1.0	1.5				
θ (°)	60-84	61-84	59-84	60-84	71-84	60-84	61-84	61-84	62-84	73-84	61-84	62-84	62-84	62-84	71-84	62-84	62-84	63-84	62-84	73-84	62-84	63-84	64-84	66-84	72-84		
Standard hook	25 t																				7.3 t						
The weights of the hooks	375 kg																				300 kg						
Standard number of part lines	2																				1						

Note: 24 t counterweight, 7.0 m outrigger extension width.

■ Performance FH

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
9.0	10.8																									
10.0	10.7	10.0				9.2																				
11.0	10.3	9.6				9.2					7.8															
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9								5.0		
14.0	9.0	8.6	8.0	7.6	7.4	8.3	7.7				7.5	6.9				5.9								5.0		
16.0	8.3	8.0	7.5	7.1	7.0	7.7	7.2	6.6			7.0	6.4				5.9	5.8							5.0		
18.0	7.7	7.4	7.0	6.7	6.6	7.2	6.7	6.2	5.9	5.7	6.6	6.0	5.5			5.9	5.5							5.0	5.0	
20.0	7.1	6.9	6.6	6.4	6.3	6.6	6.3	5.8	5.6	5.4	6.2	5.7	5.2	4.9		5.6	5.2	4.7						5.0	4.7	
22.0	6.6	6.4	6.2	6.0	6.0	6.2	5.9	5.5	5.3	5.2	5.8	5.4	4.9	4.7	4.6	5.3	4.9	4.4						4.8	4.4	4.0
24.0	5.5	5.9	5.8	5.6	5.6	5.7	5.5	5.2	5.0	4.9	5.2	5.1	4.7	4.4	4.4	5.0	4.6	4.2	4.0					4.6	4.2	3.8
26.0	4.1	4.5	5.0	5.3	5.3	4.7	5.2	5.0	4.8	4.7	4.0	4.6	4.4	4.2	4.2	4.7	4.4	4.0	3.8	3.7	4.3	4.0	3.6	3.4		
28.0	3.0	3.4	3.8	4.1		3.5	4.0	4.6	4.6	4.5	3.1	3.6	4.2	4.0	4.0	4.4	4.1	3.8	3.6	3.6	4.1	3.8	3.5	3.3	3.2	
30.0	1.9	2.3	2.7	3.0		2.5	3.0	3.6	4.0		2.1	2.7	3.4	3.8	3.8	3.7	3.9	3.6	3.5	3.4	3.9	3.6	3.3	3.1	3.1	
32.0			1.7	1.9		1.6	2.0	2.7	3.0		1.3	1.8	2.5	3.0	3.1	2.9	3.5	3.5	3.3	3.3	3.2	3.4	3.1	3.0	2.9	
34.0								1.7	2.0			1.0	1.7	2.1		2.0	2.7	3.3	3.2	3.2	2.5	3.1	3.0	2.9	2.8	
36.0														1.3			1.9	2.6	3.0		1.7	2.4	2.9	2.7	2.7	
38.0																	1.9	2.4			1.7	2.5	2.6			
40.0																	1.2	1.6				1.9	2.4			
42.0																						1.2	1.7			
θ (°)	63-84	63-84	63-84	63-84	71-84	62-84	63-84	64-84	64-84	72-84	64-84	64-84	67-84	66-84	71-84	64-84	64-84	64-84	65-84	73-84	64-84	64-84	64-84	65-84	74-84	
Standard hook	25 t																				7.3 t					
The weights of the hooks	375 kg																				300 kg					
Standard number of part lines	2																				1					

Note: 24 t counterweight, 7.0 m outrigger extension width.

■ Performance FH

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
10.0	8.5																											
11.0	8.2	7.7				6.8																						
12.0	7.8	7.4				6.8					5.8																	
14.0	7.2	6.8	6.4			6.6	6.1				5.8																	
16.0	6.6	6.3	5.9	5.7	5.6	6.1	5.7	5.3			5.6	5.2																
18.0	6.1	5.8	5.5	5.3	5.2	5.6	5.3	4.9	4.7		5.2	4.9	4.5			4.8								4.3				
20.0	5.7	5.4	5.2	5.0	4.9	5.2	4.9	4.6	4.4	4.3	4.8	4.5	4.2			4.5								4.2				
22.0	5.3	5.1	4.8	4.7	4.6	4.9	4.6	4.3	4.2	4.1	4.5	4.2	3.9	3.8	3.7	4.2	3.9							3.9	3.6			
24.0	4.9	4.7	4.5	4.4	4.3	4.6	4.3	4.1	3.9	3.9	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.4						3.7	3.4			
26.0	4.4	4.4	4.2	4.1	4.1	4.3	4.0	3.8	3.7	3.6	3.9	3.7	3.5	3.3	3.3	3.7	3.5	3.2						3.4	3.2	3.0		
28.0	3.3	3.6	4.0	3.9		3.9	3.8	3.6	3.5	3.4	3.7	3.5	3.3	3.2	3.1	3.5	3.2	3.0	2.9	2.9				3.2	3.0	2.8		
30.0	2.2	2.6	3.0	3.2		3.0	3.4	3.4	3.3	3.3	3.4	3.3	3.1	3.0	3.0	3.2	3.0	2.9	2.7	2.7				3.0	2.8	2.6	2.5	2.5
32.0			2.0	2.2		2.0	2.5	3.1	3.1		2.6	3.1	2.9	2.8	2.8	3.0	2.9	2.7	2.6	2.6	2.8	2.7	2.5	2.4	2.4	2.4		
34.0							1.6	2.2	2.5		1.7	2.3	2.8	2.7		2.2	2.7	2.5	2.5	2.4	2.6	2.5	2.4	2.3	2.2	2.2		
36.0									1.6			1.5	2.1	2.5			2.0	2.4	2.3	2.3	1.8	2.4	2.2	2.1	2.1	2.1		
38.0													1.3	1.7			1.3	2.1	2.2			1.8	2.1	2.0	2.0			
40.0																	1.3	1.8					2.0	1.9				
42.0																							1.3	1.8				
44.0																								1.2				
θ (°)	64-84	65-84	64-84	65-84	73-84	64-84	65-84	65-84	66-84	72-84	65-84	65-84	65-84	65-84	73-84	66-84	66-84	66-84	67-84	72-84	66-84	67-84	67-84	67-84	74-84			
Standard hook	25 t					7.3 t																						
The weights of the hooks	375 kg					300 kg																						
Standard number of part lines	2					1																						

Note: 24 t counterweight, 7.0 m outrigger extension width.

■ Performance FH

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
10.0	5.6																											
11.0	5.6																											
12.0	5.6	5.6				5.1																						
14.0	5.6	5.6	5.6			5.1	5.1				4.6					4.3												
16.0	5.6	5.6	5.4	5.2	5.1	5.1	5.1				4.6	4.6				4.3												
18.0	5.6	5.3	5.1	4.9	4.8	5.1	4.9	4.6			4.6	4.5				4.3	4.2							4.0				
20.0	5.2	5.0	4.7	4.6	4.5	4.8	4.5	4.3	4.0	3.7	4.5	4.2	3.9			4.2	3.9							3.9	3.6			
22.0	4.8	4.6	4.4	4.3	4.2	4.5	4.2	4.0	3.6	3.3	4.2	3.9	3.6	3.1		3.9	3.6	3.2						3.6	3.4			
24.0	4.4	4.3	4.1	4.0	3.8	4.2	4.0	3.7	3.3	3.1	3.9	3.7	3.3	2.8	2.6	3.6	3.4	2.9	2.5					3.4	3.2	2.6		
26.0	4.1	4.0	3.9	3.6	3.4	3.9	3.7	3.4	3.0	2.8	3.6	3.4	2.9	2.6	2.3	3.4	3.2	2.6	2.2	2.0				3.2	2.9	2.3		
28.0	3.4	3.7	3.6	3.3	3.1	3.6	3.5	3.0	2.7	2.5	3.4	3.1	2.6	2.3	2.1	3.2	2.8	2.3	2.0	1.8				3.0	2.6	2.1	1.8	
30.0	2.4	2.8	3.2	3.0		2.9	3.2	2.7	2.4	2.3	3.2	2.8	2.4	2.1	1.9	3.0	2.5	2.1	1.8	1.7				2.7	2.3	1.9	1.6	1.5
32.0			2.2	2.5			2.4	2.4	2.2		2.5	2.5	2.1	1.9	1.8	2.6	2.2	1.9	1.6	1.5	2.4	2.0	1.7	1.5	1.3	1.3		
34.0								2.1	2.0			2.2	1.9	1.7	1.6	2.1	2.0	1.7	1.5	1.4	2.1	1.8	1.5	1.3	1.2	1.2		
36.0													1.7	1.5			1.8	1.5	1.3	1.2			1.6	1.3	1.2	1.1		
38.0																		1.3	1.2					1.2	1.0			
40.0																			1.0					1.0				
θ (°)	66-84	67-84	67-84	67-84	72-84	67-84	68-84	68-84	69-84	73-84	68-84	68-84	68-84	68-84	72-84	68-84	68-84	69-84	69-84	73-84	69-84	70-84	70-84	73-84	76-84			
Standard hook	7.3 t																											
The weights of the hooks	300 kg																											
Standard number of part lines	1																											

Note: 24 t counterweight, 7.0 m outrigger extension width.

Performance FI

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9					13.5					5.6				
8.0	23.8	19.3	15.6			14.6	14.6				13.9					13.5					5.6				
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6				13.1					5.6				
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0				12.6	10.4				5.6				
11.0	19.8	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4				12.2	9.9				5.6	5.6			
12.0	17.3	16.2	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9			11.4	9.4				5.6	5.6			
14.0	12.1	13.1	13.2	12.2	11.4	13.4	12.1	10.3	9.2	8.3	11.7	10.0	8.4			10.1	8.6	7.1			5.6	5.6			
16.0	8.5	9.3	10.3	11.1	11.3	9.7	10.8	9.8	8.9	8.2	10.5	9.2	7.9	7.1	6.3	9.1	7.9	6.7			5.6	5.6			
18.0	6.0	6.6	7.4	8.0	8.2	7.1	8.0	9.1	8.6	8.1	7.9	8.5	7.5	6.8	6.2	8.2	7.3	6.3	5.6		5.6	5.6	5.6		
20.0	4.0	4.6	5.2	5.6		5.1	5.8	6.8	7.5	7.9	5.9	6.8	7.1	6.6	6.1	6.6	6.8	6.0	5.4	4.9	5.6	5.6	5.3	4.7	
22.0	2.5	2.9	3.5	3.8		3.5	4.2	5.0	5.5		4.3	5.1	6.1	6.4	6.0	4.9	5.9	5.7	5.2	4.8	5.6	5.6	5.1	4.5	
24.0		1.7	2.1	2.3		2.3	2.8	3.5	3.9		3.0	3.7	4.6	5.3	5.6	3.6	4.5	5.4	5.1	4.7	4.4	5.3	4.8	4.4	4.0
26.0						1.2	1.7	2.2	2.6		1.9	2.5	3.3	3.9		2.6	3.3	4.3	4.9	4.7	3.3	4.2	4.6	4.2	3.9
28.0								1.2	1.4		1.0	1.6	2.2	2.7		1.7	2.3	3.1	3.8		2.4	3.1	4.2	4.1	3.8
30.0													1.3	1.6			1.5	2.2	2.7		1.6	2.3	3.2	3.9	3.8
32.0																	1.4	1.8				1.5	2.3	2.9	
34.0																							1.6	2.0	
36.0																								1.3	
θ (°)	53-84	53-84	55-84	54-84	68-84	52-84	54-84	53-84	54-84	70-84	52-84	55-84	55-84	56-84	68-84	56-84	56-84	56-84	58-84	71-84	56-84	57-84	58-84	57-84	69-84
Standard hook	63 t					25 t					7.3 t														
The weights of the hooks	600 kg					375 kg					300 kg														
Standard number of part lines	4					2					1														

Note: 12 t counterweight, 7.0 m outrigger extension width.

Performance FI

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9										5.6				
8.0	25.3	19.9				14.6	14.6				13.9					12.3					5.6				
9.0	23.7	19.1	15.4			14.6	14.6				13.9					12.3					5.6				
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4				12.3					5.6				
11.0	21.0	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8				12.0	10.2				5.6				
12.0	17.4	16.9	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3				11.6	9.7				5.6	5.6			
14.0	12.1	13.1	13.6	12.3	11.4	13.4	12.7	10.6	9.3	8.4	12.5	10.4	8.6			10.8	8.9				5.6	5.6			
16.0	8.6	9.4	10.4	11.2	11.3	9.7	10.8	10.1	9.0	8.2	10.5	9.6	8.1	7.1		9.7	8.2	6.8			5.6	5.6			
18.0	6.0	6.7	7.5	8.1	8.4	7.1	8.0	9.2	8.8	8.1	7.9	9.0	7.7	6.9	6.2	8.5	7.6	6.5	5.7		5.6	5.6	5.6		
20.0	4.1	4.6	5.3	5.8	6.0	5.1	5.9	6.9	7.6	8.0	5.8	6.8	7.4	6.7	6.1	6.5	7.1	6.2	5.5	4.9	5.6	5.6	5.5		
22.0	2.6	3.0	3.6	4.0		3.5	4.2	5.0	5.6	6.0	4.2	5.0	6.2	6.5	6.0	4.8	5.8	5.9	5.3	4.8	5.6	5.6	5.2	4.6	
24.0			2.2	2.5		2.3	2.8	3.5	4.0		2.9	3.7	4.6	5.3	5.8	3.5	4.4	5.6	5.1	4.7	4.3	5.3	4.9	4.4	4.0
26.0							1.7	2.3	2.7		1.9	2.5	3.3	3.9	4.3	2.5	3.2	4.3	5.0	4.7	3.2	4.1	4.7	4.3	3.9
28.0									1.6			1.6	2.3	2.8		1.6	2.2	3.1	3.8	4.2	2.3	3.1	4.1	4.2	3.8
30.0												1.4	1.8				1.4	2.2	2.8		1.5	2.2	3.1	3.9	3.8
32.0																	1.4	1.9				1.4	2.3	2.9	
34.0																							1.5	2.1	
36.0																								1.3	
θ (°)	57-84	59-84	57-84	58-84	68-84	57-84	58-84	59-84	59-84	70-84	59-84	59-84	59-84	61-84	68-84	59-84	60-84	60-84	60-84	70-84	60-84	60-84	62-84	61-84	72-84
Standard hook	63 t					25 t					7.3 t														
The weights of the hooks	600 kg					375 kg					300 kg														
Standard number of part lines	4					2					1														

Note: 12 t counterweight, 7.0 m outrigger extension width.

■ Performance FI

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	21.3					14.6					13.5														
8.0	21.3	20.9				14.6					13.5					10.8									
9.0	21.3	20.1				14.6	14.6				13.5					10.8					5.6				
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8					5.6				
11.0	20.8	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8					5.6				
12.0	17.5	17.9	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8				5.6				
14.0	12.2	13.2	14.1	12.6	11.6	13.3	13.2	10.8	9.4		12.9	10.8	8.7			10.6	9.3				5.6	5.6			
16.0	8.7	9.5	10.5	11.4	11.4	9.7	10.8	10.3	9.1	8.3	10.4	10.1	8.3	7.2		10.0	8.6	7.0			5.6	5.6			
18.0	6.1	6.8	7.6	8.3	8.6	7.0	7.9	9.2	8.9	8.1	7.7	8.9	7.9	7.0	6.2	8.4	8.0	6.6			5.6	5.6	5.6		
20.0	4.1	4.7	5.4	6.0	6.2	5.0	5.8	6.8	7.6	8.1	5.7	6.7	7.6	6.8	6.1	6.3	7.4	6.3	5.5		5.6	5.6	5.6		
22.0	2.6	3.1	3.7	4.1		3.4	4.1	5.0	5.7	6.0	4.1	5.0	6.1	6.6	6.1	4.7	5.7	6.0	5.4	4.8	5.5	5.6	5.3	4.7	
24.0			2.3	2.6		2.2	2.8	3.5	4.1	4.4	2.8	3.6	4.6	5.3	5.8	3.4	4.3	5.5	5.2	4.8	4.1	5.2	5.1	4.5	
26.0							1.7	2.3	2.8		1.8	2.4	3.3	4.0	4.3	2.3	3.1	4.2	5.1	4.7	3.0	3.9	4.9	4.4	3.9
28.0								1.7					2.2	2.8		2.1	3.1	3.8	4.3	2.1	2.9	4.1	4.2	3.9	
30.0													1.8				2.1	2.8	3.1		2.1	3.1	3.9	3.8	
32.0																		1.9				2.2	2.9	3.4	
34.0																						1.5	2.1		
36.0																							1.3		
θ (°)	61-84	63-84	62-84	62-84	71-84	61-84	62-84	62-84	63-84	69-84	62-84	63-84	63-84	64-84	71-84	63-84	64-84	65-84	64-84	70-84	63-84	64-84	65-84	72-84	
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	3					2										1									

Note: 12 t counterweight, 7.0 m outrigger extension width.

■ Performance FI

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	17.2																								
8.0	17.2																								
9.0	17.2	17.2				13.7					11.3														
10.0	17.2	17.2				13.7					11.3					9.3					5.6				
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3					5.6				
12.0	16.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3					5.6				
14.0	12.5	13.5	14.2	12.7	11.6	13.5	13.5	11.0			11.3	10.7				9.3	8.8				5.6				
16.0	8.9	9.7	10.8	11.6	11.5	9.8	10.9	10.6	9.2		10.5	10.2	8.5			9.3	8.4				5.6	5.6			
18.0	6.3	7.0	7.9	8.5	8.9	7.2	8.1	9.3	9.0	8.2	7.8	9.0	8.1	7.0		8.4	8.0	6.7			5.6	5.6			
20.0	4.3	4.9	5.7	6.2	6.5	5.2	6.0	7.0	7.8	8.1	5.8	6.8	7.7	6.8	6.2	6.4	7.5	6.4			5.6	5.6	5.6		
22.0	2.8	3.3	3.9	4.4	4.6	3.6	4.3	5.2	5.9	6.3	4.2	5.1	6.2	6.7	6.1	4.7	5.8	6.2	5.4	4.8	5.5	5.6	5.4		
24.0			2.5	2.9		2.3	2.9	3.7	4.3	4.6	2.9	3.7	4.7	5.5	6.0	3.4	4.3	5.6	5.3	4.8	4.2	5.2	5.2	4.6	
26.0								2.5	3.0	3.2		2.5	3.4	4.1	4.5	2.4	3.2	4.3	5.1	4.7	3.1	4.0	5.0	4.4	3.9
28.0									1.9				2.4	2.9	3.3		2.2	3.2	3.9	4.4	2.1	3.0	4.1	4.3	3.9
30.0													2.0				2.2	2.9	3.3		2.1	3.1	4.0	3.8	
32.0																		2.0				2.3	3.0	3.5	
34.0																						1.6	2.2	2.6	
36.0																							1.5		
θ (°)	64-84	66-84	65-84	65-84	70-84	64-84	66-84	66-84	66-84	69-84	66-84	66-84	65-84	66-84	71-84	66-84	66-84	67-84	67-84	72-84	66-84	67-84	67-84	68-84	71-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	3					2										1									

Note: 12 t counterweight, 7.0 m outrigger extension width.

■ Performance FI

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
8.0	13.5																									
9.0	13.5					11.4																				
10.0	13.5	13.5				11.4					9.6															
11.0	13.5	13.0				11.4					9.6					8.0						5.6				
12.0	13.1	12.5	11.9			11.4	11.3				9.6					8.0						5.6				
14.0	12.1	11.6	11.0	10.7	10.6	11.1	10.5				9.6	9.6				8.0	8.0					5.6				
16.0	9.2	10.0	10.3	10.0	9.9	10.0	9.8	9.3	9.0		9.5	9.0	8.4			8.0	8.0					5.6	5.6			
18.0	6.6	7.3	8.2	8.8	9.2	7.3	8.2	8.7	8.4	8.2	7.9	8.4	7.9			8.0	7.7					5.6	5.6			
20.0	4.6	5.2	6.0	6.5	6.8	5.3	6.1	7.1	7.9	7.9	5.9	6.9	7.5	6.9		6.4	7.3	6.5				5.6	5.6			
22.0	3.1	3.6	4.2	4.7	4.9	3.7	4.4	5.3	6.0	6.4	4.3	5.2	6.3	6.7	6.1	4.8	5.8	6.3	5.5			5.5	5.6	5.2		
24.0		2.3	2.8	3.2	3.4	2.5	3.1	3.9	4.5	4.8	3.0	3.8	4.8	5.6	6.0	3.5	4.4	5.7	5.3	4.8		4.2	5.2	5.1		
26.0								2.6	3.2	3.4		2.6	3.5	4.2	4.7	2.4	3.2	4.3	5.2	4.7		3.1	4.0	4.2	4.5	
28.0									2.1				2.5	3.1	3.4		2.3	3.2	4.0	4.5		2.2	3.0	3.2	4.1	3.9
30.0														2.1	2.4			2.3	3.0	3.4			2.2	2.4	3.1	3.6
32.0																		2.1	2.5					1.6	2.3	2.7
34.0																									1.6	1.9
36.0																										1.2
θ (°)	67-84	66-84	67-84	68-84	70-84	67-84	68-84	68-84	67-84	72-84	68-84	69-84	69-84	68-84	71-84	68-84	69-84	70-84	70-84	72-84	69-84	70-84	71-84	72-84	71-84	
Standard hook	25 t																				7.3 t					
The weights of the hooks	375 kg																				300 kg					
Standard number of part lines	2																				1					

Note: 12 t counterweight, 7.0 m outrigger extension width.

■ Performance FI

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
9.0	10.8																									
10.0	10.7	10.0				9.2																				
11.0	10.3	9.6				9.2					7.8															
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9						5.0				
14.0	9.0	8.6	8.0	7.6	7.4	8.3	7.7				7.5	6.9				5.9						5.0				
16.0	8.3	8.0	7.5	7.1	7.0	7.7	7.2	6.6			7.0	6.4				5.9	5.8					5.0				
18.0	6.9	7.4	7.0	6.7	6.6	7.2	6.7	6.2	5.9	5.7	6.1	6.0	5.5			5.9	5.5					5.0	5.0			
20.0	4.9	5.5	6.2	6.4	6.3	5.5	6.3	5.8	5.6	5.4	4.5	5.3	5.2	4.9		5.6	5.2	4.7				5.0	4.7			
22.0	3.4	3.9	4.5	5.0	5.2	3.9	4.6	5.5	5.3	5.2	3.2	3.9	4.9	4.7	4.6	5.2	4.9	4.4				4.8	4.4	4.0		
24.0		2.6	3.1	3.5	3.7	2.7	3.3	4.1	4.7	4.9	2.1	2.8	3.7	4.4	4.4	3.9	4.6	4.2	4.0			4.3	4.2	3.8		
26.0				2.3	2.4			2.9	3.4	3.7		1.8	2.6	3.3	3.6	2.8	3.6	4.0	3.8	3.7		3.2	4.0	3.6	3.4	
28.0									2.3	2.5			1.7	2.3	2.6		2.6	3.6	3.6	3.6		2.3	3.1	3.5	3.3	3.2
30.0														1.4	1.7			2.7	3.4	3.4		2.3	3.3	3.1	3.1	
32.0																		2.5	2.8				2.5	3.0	2.9	
34.0																		2.0						2.4	2.8	
36.0																									1.7	2.1
θ (°)	68-84	68-84	70-84	69-84	70-84	69-84	70-84	71-84	71-84	71-84	70-84	70-84	72-84	72-84	73-84	70-84	70-84	71-84	71-84	72-84	70-84	71-84	72-84	71-84	73-84	
Standard hook	25 t																				7.3 t					
The weights of the hooks	375 kg																				300 kg					
Standard number of part lines	2																				1					

Note: 12 t counterweight, 7.0 m outrigger extension width.

■ Performance FI

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	8.5																								
11.0	8.2	7.7				6.8																			
12.0	7.8	7.4				6.8					5.8														
14.0	7.2	6.8	6.4			6.6	6.1				5.8														
16.0	6.6	6.3	5.9	5.7	5.6	6.1	5.7	5.3			5.6	5.2													
18.0	6.1	5.8	5.5	5.3	5.2	5.6	5.3	4.9	4.7		5.2	4.9	4.5			4.8							4.3		
20.0	5.2	5.4	5.2	5.0	4.9	5.2	4.9	4.6	4.4	4.3	4.8	4.5	4.2			4.5							4.2		
22.0	3.6	4.1	4.7	4.7	4.6	4.4	4.6	4.3	4.2	4.1	4.5	4.2	3.9	3.8	3.7	4.2	3.9					3.9	3.6		
24.0		2.8	3.3	3.7	3.9	3.1	3.7	4.1	3.9	3.9	3.6	4.0	3.7	3.6	3.5	3.9	3.7	3.4				3.7	3.4		
26.0				2.5	2.7		2.6	3.3	3.7	3.6	2.5	3.2	3.5	3.3	3.3	2.9	3.5	3.2				3.3	3.2	3.0	
28.0								2.3	2.7	3.0			3.0	3.2	3.1		2.7	3.0	2.9	2.9		2.4	3.0	2.8	
30.0													2.1	2.7	3.0		2.8	2.7	2.7			2.4	2.6	2.5	2.5
32.0															2.1			2.6	2.6				2.5	2.4	2.4
34.0																				2.2				2.3	2.2
36.0																								1.8	2.1
θ (°)	70-84	71-84	71-84	71-84	72-84	70-84	71-84	71-84	72-84	73-84	71-84	72-84	71-84	72-84	73-84	72-84	72-84	73-84	73-84	73-84	72-84	73-84	74-84	73-84	74-84
Standard hook	25 t					7.3 t																			
The weights of the hooks	375 kg					300 kg																			
Standard number of part lines	2					1																			

Note: 12 t counterweight, 7.0 m outrigger extension width.

■ Performance FI

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
10.0	5.6																									
11.0	5.6																									
12.0	5.6	5.6				5.1																				
14.0	5.6	5.6	5.6			5.1	5.1				4.6					4.3										
16.0	5.6	5.6	5.4	5.2	5.1	5.1	5.1				4.6	4.6				4.3										
18.0	5.6	5.3	5.1	4.9	4.8	5.1	4.9	4.6			4.6	4.5				4.3	4.2					4.0				
20.0	5.2	5.0	4.7	4.6	4.5	4.8	4.5	4.3	4.0	3.7	4.5	4.2	3.9			4.2	3.9					3.9	3.6			
22.0	3.8	4.3	4.4	4.3	4.2	4.3	4.2	4.0	3.6	3.3	4.2	3.9	3.6	3.1		3.9	3.6	3.2				3.6	3.4			
24.0			3.6	4.0	3.8		3.7	3.7	3.3	3.1	3.5	3.7	3.3	2.8	2.6	3.6	3.4	2.9	2.5			3.4	3.2	2.6		
26.0					2.9			3.2	3.0	2.8		3.1	2.9	2.6	2.3		3.2	2.6	2.2	2.0		3.2	2.9	2.3		
28.0									2.7	2.5			2.6	2.3	2.1			2.3	2.0	1.8			2.6	2.1	1.8	
30.0														2.1	1.9			2.1	1.8	1.7			1.9	1.6	1.5	
32.0																			1.6	1.5				1.7	1.5	1.3
34.0																								1.3	1.2	
36.0																									1.1	
θ (°)	72-84	73-84	73-84	74-84	73-84	73-84	73-84	73-84	74-84	74-84	73-84	73-84	74-84	74-84	74-84	74-84	74-84	75-84	75-84	75-84	74-84	75-84	75-84	75-84	76-84	
Standard hook	7.3 t																									
The weights of the hooks	300 kg																									
Standard number of part lines	1																									

Note: 12 t counterweight, 7.0 m outrigger extension width.

■ Performance FJ

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9					13.5					5.6				
8.0	23.8	19.3	15.6			14.6	14.6				13.9					13.5					5.6				
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6				13.1					5.6				
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0				12.6	10.4				5.6				
11.0	19.8	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4				12.2	9.9				5.6	5.6			
12.0	18.8	16.2	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9			11.4	9.4				5.6	5.6			
14.0	16.9	15.0	13.2	12.2	11.4	14.0	12.1	10.3	9.2	8.3	11.7	10.0	8.4			10.1	8.6	7.1			5.6	5.6			
16.0	14.4	14.0	12.6	11.8	11.3	12.6	11.2	9.8	8.9	8.2	10.5	9.2	7.9	7.1	6.3	9.1	7.9	6.7			5.6	5.6			
18.0	11.1	11.8	12.1	11.6	11.2	11.5	10.4	9.3	8.6	8.1	9.5	8.5	7.5	6.8	6.2	8.2	7.3	6.3	5.6		5.6	5.6	5.6		
20.0	8.7	9.2	9.8	10.2		9.7	9.7	8.9	8.4	8.0	8.7	7.9	7.1	6.6	6.1	7.5	6.8	6.0	5.4	4.9	5.6	5.6	5.3	4.7	
22.0	6.7	7.2	7.7	8.0		7.7	8.3	8.6	8.2		8.0	7.4	6.8	6.4	6.0	6.8	6.3	5.7	5.2	4.8	5.6	5.6	5.1	4.5	
24.0	5.1	5.5	5.9	6.1		6.1	6.6	7.3	7.7		6.8	7.0	6.5	6.2	6.0	6.3	5.9	5.4	5.1	4.7	5.6	5.3	4.8	4.4	4.0
26.0	3.8	4.1	4.5	4.6		4.8	5.2	5.7	6.1		5.5	6.0	6.3	6.1		5.8	5.5	5.2	4.9	4.7	5.3	5.0	4.6	4.2	3.9
28.0	2.5	2.9	3.2			3.6	4.0	4.5	4.7		4.3	4.8	5.5	5.9		4.9	5.2	5.0	4.8		4.9	4.7	4.4	4.1	3.8
30.0	1.4	1.7	1.9			2.5	2.9	3.3			3.4	3.8	4.3	4.6		3.9	4.5	4.8	4.7		4.5	4.4	4.2	4.0	3.8
32.0						1.5	1.9	2.2			2.4	2.8	3.3			3.1	3.6	4.2	4.6		3.8	4.1	4.0	3.9	
34.0								1.2			1.5	1.9	2.3			2.2	2.7	3.3	3.6		3.0	3.5	3.9	3.8	
36.0												1.1	1.4			1.4	1.9	2.4			2.2	2.8	3.4	3.7	
38.0																	1.1	1.6			1.5	2.0	2.6	2.9	
40.0																						1.3	1.8		
42.0																							1.1		
θ (°)	39-84	41-84	42-84	52-84	68-84	41-84	43-84	39-84	54-84	70-84	42-84	40-84	42-84	57-84	69-84	43-84	42-84	45-84	55-84	71-84	45-84	44-84	43-84	53-84	69-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 36 t counterweight, 5.6 m outrigger extension width.

■ Performance FJ

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9										5.6				
8.0	25.3	19.9				14.6	14.6				13.9					12.3					5.6				
9.0	23.7	19.1	15.4			14.6	14.6				13.9					12.3					5.6				
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4				12.3					5.6				
11.0	21.2	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8				12.0	10.2				5.6				
12.0	20.1	16.9	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3				11.6	9.7				5.6	5.6			
14.0	18.2	15.7	13.6	12.3	11.4	14.6	12.7	10.6	9.3	8.4	12.5	10.4	8.6			10.8	8.9				5.6	5.6			
16.0	14.4	14.7	13.0	12.0	11.3	13.6	11.8	10.1	9.0	8.2	11.3	9.6	8.1	7.1		9.7	8.2	6.8			5.6	5.6			
18.0	11.2	11.8	12.5	11.7	11.2	12.2	11.0	9.6	8.8	8.1	10.3	9.0	7.7	6.9	6.2	8.8	7.6	6.5	5.7		5.6	5.6	5.6		
20.0	8.7	9.3	9.9	10.4	10.6	9.7	10.3	9.2	8.5	8.0	9.4	8.4	7.4	6.7	6.1	8.1	7.1	6.2	5.5	4.9	5.6	5.6	5.5		
22.0	6.8	7.2	7.8	8.1		7.7	8.3	8.9	8.3	8.0	8.4	7.8	7.0	6.5	6.0	7.4	6.6	5.9	5.3	4.8	5.6	5.6	5.2	4.6	
24.0	5.2	5.6	6.0	6.3		6.1	6.6	7.3	7.8		6.8	7.4	6.8	6.3	6.0	6.8	6.2	5.6	5.1	4.7	5.6	5.6	4.9	4.4	4.0
26.0	3.9	4.2	4.6	4.8		4.8	5.2	5.8	6.2		5.4	6.0	6.5	6.2	5.9	6.0	5.9	5.4	5.0	4.7	5.6	5.3	4.7	4.3	3.9
28.0	2.6	3.0	3.3	3.5		3.6	4.1	4.6	4.9		4.3	4.8	5.5	6.0		4.8	5.5	5.2	4.9	4.6	5.3	4.9	4.5	4.2	3.8
30.0	1.5	1.8	2.1			2.5	3.0	3.5	3.7		3.3	3.8	4.4	4.8		3.8	4.4	5.0	4.8		4.5	4.7	4.3	4.1	3.8
32.0			1.0			1.5	1.9	2.4			2.3	2.8	3.4	3.7		3.0	3.5	4.2	4.7		3.6	4.3	4.2	4.0	
34.0							1.0	1.4			1.4	1.9	2.4	2.7		2.1	2.7	3.3	3.7		2.9	3.4	4.0	3.9	
36.0												1.1	1.5			1.3	1.8	2.5	2.8		2.1	2.7	3.4	3.8	
38.0																	1.1	1.6			1.4	2.0	2.6	3.0	
40.0																						1.3	1.9	2.2	
42.0																							1.2		
θ (°)	46-84	48-84	45-84	54-84	68-84	47-84	45-84	47-84	56-84	70-84	48-84	47-84	49-84	54-84	69-84	49-84	48-84	51-84	56-84	70-84	50-84	50-84	50-84	55-84	72-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 36 t counterweight, 5.6 m outrigger extension width.

■ Performance FJ

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	21.3					14.6					13.5														
8.0	21.3	20.9				14.6					13.5					10.8									
9.0	21.3	20.1				14.6	14.6				13.5					10.8							5.6		
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8							5.6		
11.0	20.8	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8							5.6		
12.0	19.7	17.9	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8						5.6		
14.0	17.9	16.7	14.1	12.6	11.6	14.6	13.2	10.8	9.4		12.9	10.8	8.7			10.6	9.3						5.6	5.6	
16.0	14.5	15.2	13.5	12.3	11.4	14.6	12.3	10.3	9.1	8.3	12.1	10.1	8.3	7.2		10.0	8.6	7.0					5.6	5.6	
18.0	11.2	11.9	12.7	12.0	11.3	12.1	11.5	9.9	8.9	8.1	11.0	9.4	7.9	7.0	6.2	9.4	8.0	6.6					5.6	5.6	
20.0	8.8	9.3	10.0	10.5	10.8	9.6	10.4	9.5	8.7	8.1	10.1	8.8	7.6	6.8	6.1	8.6	7.4	6.3	5.5					5.6	5.6
22.0	6.8	7.3	7.9	8.3		7.6	8.3	9.1	8.5	8.0	8.3	8.2	7.2	6.6	6.1	7.9	7.0	6.0	5.4	4.8			5.6	5.6	
24.0	5.2	5.6	6.1	6.5		6.0	6.6	7.3	7.9	7.9	6.6	7.4	7.0	6.4	6.0	7.2	6.5	5.8	5.2	4.8			5.6	5.6	
26.0	3.9	4.3	4.7	4.9		4.7	5.2	5.8	6.3		5.3	5.9	6.7	6.3	5.9	5.8	6.2	5.5	5.1	4.7			5.6	5.5	
28.0	2.6	3.0	3.5	3.7		3.5	4.0	4.5	4.9		4.1	4.7	5.4	6.0		4.7	5.4	5.3	5.0	4.6			5.3	5.2	
30.0	1.5	1.8	2.2	2.4		2.4	2.9	3.5	3.7		3.1	3.7	4.3	4.8		3.7	4.3	5.1	4.8	4.6			4.3	4.9	
32.0			1.1			1.4	1.9	2.4	2.6		2.1	2.7	3.4	3.7		2.8	3.4	4.1	4.7				3.5	4.1	
34.0								1.4	1.6		1.3	1.8	2.4	2.8		1.9	2.5	3.2	3.7				2.7	3.3	
36.0												1.0	1.5	1.8		1.1	1.7	2.4	2.8				1.9	2.6	
38.0																	1.0	1.6	2.0				1.2	1.8	
40.0																								1.1	
42.0																								1.1	
44.0																								1.1	
θ (°)	52-84	53-84	51-84	55-84	72-84	52-84	54-84	53-84	53-84	70-84	53-84	52-84	54-84	55-84	71-84	53-84	53-84	56-84	57-84	70-84	54-84	54-84	55-84	56-84	
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	3					2										1									

Note: 36 t counterweight, 5.6 m outrigger extension width.

■ Performance FJ

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	17.2																								
8.0	17.2																								
9.0	17.2	17.2				13.7					11.3														
10.0	17.2	17.2				13.7					11.3					9.3								5.6	
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3								5.6	
12.0	16.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3								5.6	
14.0	15.1	14.8	14.2	12.7	11.6	13.7	13.5	11.0			11.3	10.7				9.3	8.8							5.6	
16.0	14.1	13.6	13.2	12.4	11.5	13.0	12.5	10.6	9.2		11.3	10.2	8.5			9.3	8.4							5.6	
18.0	11.4	12.1	12.3	12.1	11.4	12.0	11.7	10.1	9.0	8.2	11.2	9.7	8.1	7.0		9.2	8.0	6.7						5.6	
20.0	9.0	9.5	10.2	10.8	11.0	9.8	10.5	9.7	8.8	8.1	10.4	9.2	7.7	6.8	6.2	8.7	7.7	6.4						5.6	
22.0	7.0	7.5	8.1	8.5	8.7	7.8	8.4	9.3	8.6	8.0	8.4	8.6	7.4	6.7	6.1	8.3	7.3	6.2	5.4	4.8				5.6	
24.0	5.4	5.8	6.4	6.7		6.2	6.7	7.5	8.1	8.0	6.7	7.5	7.1	6.5	6.0	7.2	6.8	5.9	5.3	4.8				5.6	
26.0	4.1	4.5	4.9	5.2		4.8	5.3	6.0	6.5	6.7	5.4	6.0	6.9	6.4	6.0	5.9	6.5	5.7	5.1	4.7				5.6	
28.0	2.9	3.3	3.7	3.9		3.7	4.2	4.7	5.1		4.2	4.8	5.6	6.2	5.9	4.7	5.4	5.5	5.0	4.7				5.4	
30.0	1.7	2.1	2.5	2.7		2.6	3.1	3.6	4.0		3.3	3.8	4.5	4.9		3.7	4.4	5.2	4.9	4.6				4.4	
32.0			1.4	1.6		1.6	2.1	2.6	2.9		2.3	2.9	3.5	3.9		2.9	3.5	4.2	4.8					3.5	
34.0							1.2	1.6	1.9		1.4	1.9	2.6	3.0		2.0	2.6	3.3	3.8					2.7	
36.0									1.0			1.1	1.7	2.0		1.2	1.8	2.5	3.0					1.9	
38.0														1.2			1.1	1.7	2.2					1.2	
40.0																		1.0	1.4					1.2	
42.0																								1.2	
44.0																								1.0	
θ (°)	56-84	55-84	56-84	56-84	71-84	56-84	55-84	57-84	55-84	70-84	56-84	56-84	58-84	57-84	71-84	57-84	57-84	57-84	58-84	73-84	57-84	58-84	58-84	57-84	
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	3					2										1									

Note: 36 t counterweight, 5.6 m outrigger extension width.

■ Performance FJ

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m						
	Offset					Offset					Offset					Offset					Offset						
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°		
8.0	13.5																										
9.0	13.5					11.4																					
10.0	13.5	13.5				11.4					9.6																
11.0	13.5	13.0				11.4					9.6					8.0								5.6			
12.0	13.1	12.5	11.9			11.4	11.3				9.6					8.0								5.6			
14.0	12.1	11.6	11.0	10.7	10.6	11.1	10.5				9.6	9.6				8.0	8.0							5.6			
16.0	11.2	10.8	10.3	10.0	9.9	10.3	9.8	9.3	9.0		9.5	9.0	8.4			8.0	8.0							5.6	5.6		
18.0	10.5	10.0	9.6	9.4	9.3	9.6	9.2	8.7	8.4	8.2	8.9	8.4	7.9			8.0	7.7							5.6	5.6		
20.0	9.3	9.4	9.0	8.8	8.8	9.0	8.6	8.2	7.9	7.9	8.3	7.9	7.5	6.9		7.7	7.3	6.5						5.6	5.6		
22.0	7.3	7.8	8.4	8.3	8.3	7.9	8.1	7.7	7.5	7.5	7.8	7.4	7.0	6.7	6.1	7.3	6.9	6.3	5.5					5.6	5.6	5.2	
24.0	5.7	6.1	6.7	7.0	7.2	6.3	6.9	7.3	7.1	7.1	6.8	7.0	6.7	6.5	6.0	6.9	6.5	6.0	5.3	4.8				5.6	5.6	5.1	
26.0	4.4	4.7	5.2	5.5		4.9	5.5	6.1	6.6	6.7	5.4	6.1	6.3	6.2	6.0	5.9	6.2	5.8	5.2	4.7			5.6	5.6	4.9	4.5	
28.0	3.2	3.6	4.0	4.3		3.8	4.3	4.9	5.3		4.3	4.9	5.7	5.8	5.8	4.8	5.5	5.5	5.1	4.7	5.4	5.3	4.7	4.4	4.2	3.9	
30.0	2.0	2.4	2.9	3.1		2.7	3.3	3.8	4.2		3.3	3.9	4.6	5.1	5.4	3.8	4.4	5.3	5.0	4.6	4.4	5.1	4.6	4.2	3.9	3.9	
32.0	1.1	1.4	1.8	2.0		1.7	2.2	2.8	3.2		2.4	3.0	3.6	4.1		2.9	3.5	4.3	4.9	4.6			3.5	4.2	4.2	4.1	3.8
34.0				1.0			1.3	1.8	2.1		1.5	2.0	2.7	3.1		2.0	2.7	3.4	4.0				2.8	3.4	3.5	4.0	3.8
36.0								1.0	1.2			1.2	1.8	2.3		1.3	1.9	2.7	3.1				2.0	2.7	2.7	3.3	3.5
38.0													1.1	1.4			1.1	1.8	2.3				1.3	1.9	2.0	2.6	
40.0																		1.1	1.5					1.3	1.3	1.8	
42.0																											1.1
θ (°)	57-84	58-84	60-84	57-84	71-84	60-84	59-84	58-84	59-84	73-84	60-84	59-84	59-84	61-84	72-84	60-84	60-84	60-84	62-84	73-84	60-84	61-84	64-84	63-84	72-84		
Standard hook	25 t																				7.3 t						
The weights of the hooks	375 kg																				300 kg						
Standard number of part lines	2																				1						

Note: 36 t counterweight, 5.6 m outrigger extension width.

■ Performance FJ

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m						
	Offset					Offset					Offset					Offset					Offset						
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°		
9.0	10.8																										
10.0	10.7	10.0				9.2																					
11.0	10.3	9.6				9.2					7.8																
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9									5.0		
14.0	9.0	8.6	8.0	7.6	7.4	8.3	7.7				7.5	6.9				5.9									5.0		
16.0	8.3	8.0	7.5	7.1	7.0	7.7	7.2	6.6			7.0	6.4				5.9	5.8								5.0		
18.0	7.7	7.4	7.0	6.7	6.6	7.2	6.7	6.2	5.9	5.7	6.6	6.0	5.5			5.9	5.5							5.0	5.0		
20.0	7.1	6.9	6.6	6.4	6.3	6.6	6.3	5.8	5.6	5.4	6.2	5.7	5.2	4.9		5.6	5.2	4.7						5.0	4.7		
22.0	6.6	6.4	6.2	6.0	6.0	6.2	5.9	5.5	5.3	5.2	5.8	5.4	4.9	4.7	4.6	5.3	4.9	4.4						4.8	4.4	4.0	
24.0	6.0	6.0	5.8	5.6	5.6	5.7	5.5	5.2	5.0	4.9	5.4	5.1	4.7	4.4	4.4	5.0	4.6	4.2	4.0					4.6	4.2	3.8	
26.0	4.6	5.0	5.4	5.3	5.3	5.1	5.2	5.0	4.8	4.7	4.5	4.8	4.4	4.2	4.2	4.7	4.4	4.0	3.8	3.7				4.3	4.0	3.6	3.4
28.0	3.5	3.8	4.3	4.5		4.0	4.5	4.7	4.6	4.5	3.5	4.0	4.2	4.0	4.0	4.4	4.1	3.8	3.6	3.6	4.1	3.8	3.5	3.3	3.2	3.2	
30.0	2.4	2.7	3.2	3.5		3.0	3.5	4.0	4.3		2.6	3.2	3.8	3.9	3.8	4.1	3.9	3.6	3.5	3.4	3.9	3.6	3.3	3.1	3.1	3.1	
32.0	1.4	1.7	2.1	2.4		2.0	2.5	3.1	3.4		1.7	2.3	2.9	3.3	3.5	3.3	3.7	3.5	3.3	3.3	3.7	3.4	3.1	3.0	2.9	2.9	
34.0			1.2	1.4		1.1	1.6	2.1	2.5			1.4	2.1	2.5		2.4	3.1	3.3	3.2	3.2	2.9	3.2	3.0	2.9	2.8	2.8	
36.0								1.3	1.5				1.3	1.7		1.7	2.3	3.0	3.0		2.1	2.8	2.9	2.7	2.7	2.7	
38.0																1.0	1.5	2.3	2.7		1.4	2.1	2.7	2.6	2.6	2.6	
40.0																		1.5	2.0			1.4	2.2	2.5	2.5	2.5	
42.0																			1.2					1.5	2.0	2.0	
44.0																										1.4	
θ (°)	60-84	62-84	60-84	61-84	71-84	60-84	62-84	61-84	62-84	72-84	64-84	64-84	64-84	66-84	71-84	61-84	63-84	64-84	63-84	73-84	63-84	64-84	65-84	64-84	74-84		
Standard hook	25 t																				7.3 t						
The weights of the hooks	375 kg																				300 kg						
Standard number of part lines	2																				1						

Note: 36 t counterweight, 5.6 m outrigger extension width.

Performance FJ

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
10.0	8.5																											
11.0	8.2	7.7				6.8																						
12.0	7.8	7.4				6.8					5.8																	
14.0	7.2	6.8	6.4			6.6	6.1				5.8																	
16.0	6.6	6.3	5.9	5.7	5.6	6.1	5.7	5.3			5.6	5.2																
18.0	6.1	5.8	5.5	5.3	5.2	5.6	5.3	4.9	4.7		5.2	4.9	4.5			4.8								4.3				
20.0	5.7	5.4	5.2	5.0	4.9	5.2	4.9	4.6	4.4	4.3	4.8	4.5	4.2			4.5								4.2				
22.0	5.3	5.1	4.8	4.7	4.6	4.9	4.6	4.3	4.2	4.1	4.5	4.2	3.9	3.8	3.7	4.2	3.9							3.9	3.6			
24.0	4.9	4.7	4.5	4.4	4.3	4.6	4.3	4.1	3.9	3.9	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.4						3.7	3.4			
26.0	4.5	4.4	4.2	4.1	4.1	4.3	4.0	3.8	3.7	3.6	3.9	3.7	3.5	3.3	3.3	3.7	3.5	3.2						3.4	3.2	3.0		
28.0	3.7	4.1	4.0	3.9		3.9	3.8	3.6	3.5	3.4	3.7	3.5	3.3	3.2	3.1	3.5	3.2	3.0	2.9	2.9				3.2	3.0	2.8		
30.0	2.6	3.0	3.5	3.7		3.4	3.6	3.4	3.3	3.3	3.5	3.3	3.1	3.0	3.0	3.2	3.0	2.9	2.7	2.7				3.0	2.8	2.6	2.5	2.5
32.0	1.7	2.0	2.4	2.7		2.5	2.9	3.2	3.1		3.0	3.1	2.9	2.8	2.8	3.0	2.9	2.7	2.6	2.6				2.8	2.7	2.5	2.4	2.4
34.0			1.5	1.7		1.6	2.0	2.6	2.9		2.1	2.7	2.8	2.7		2.6	2.7	2.5	2.4	2.4				2.7	2.5	2.4	2.3	2.2
36.0							1.2	1.7	2.0		1.3	1.9	2.5	2.5		1.8	2.4	2.4	2.3	2.3				2.2	2.4	2.2	2.1	2.1
38.0									1.2				1.7	2.1			1.7	2.3	2.2					1.5	2.2	2.1	2.0	2.0
40.0													1.4				1.7	2.1						1.5	2.0	1.9		
42.0																		1.5							1.7	1.8		
44.0																									1.1	1.6		
θ (°)	63-84	63-84	63-84	64-84	73-84	64-84	63-84	63-84	63-84	72-84	64-84	64-84	64-84	65-84	73-84	65-84	65-84	65-84	66-84	72-84	65-84	66-84	65-84	67-84	67-84	74-84		
Standard hook	25 t					7.3 t																						
The weights of the hooks	375 kg					300 kg																						
Standard number of part lines	2					1																						

Note: 36 t counterweight, 5.6 m outrigger extension width.

Performance FJ

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m								
	Offset					Offset					Offset					Offset					Offset								
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°				
10.0	5.6																												
11.0	5.6																												
12.0	5.6	5.6				5.1																							
14.0	5.6	5.6	5.6			5.1	5.1				4.6					4.3													
16.0	5.6	5.6	5.4	5.2	5.1	5.1	5.1				4.6	4.6				4.3													
18.0	5.6	5.3	5.1	4.9	4.8	5.1	4.9	4.6			4.6	4.5				4.3	4.2							4.0					
20.0	5.2	5.0	4.7	4.6	4.5	4.8	4.5	4.3	4.0	3.7	4.5	4.2	3.9			4.2	3.9							3.9	3.6				
22.0	4.8	4.6	4.4	4.3	4.2	4.5	4.2	4.0	3.6	3.3	4.2	3.9	3.6	3.1		3.9	3.6	3.2						3.6	3.4				
24.0	4.4	4.3	4.1	4.0	3.8	4.2	4.0	3.7	3.3	3.1	3.9	3.7	3.3	2.8	2.6	3.6	3.4	2.9	2.5					3.4	3.2	2.6			
26.0	4.1	4.0	3.9	3.6	3.4	3.9	3.7	3.4	3.0	2.8	3.6	3.4	2.9	2.6	2.3	3.4	3.2	2.6	2.2	2.0				3.2	2.9	2.3			
28.0	3.8	3.7	3.6	3.3	3.1	3.6	3.5	3.0	2.7	2.5	3.4	3.1	2.6	2.3	2.1	3.2	2.8	2.3	2.0	1.8				3.0	2.6	2.1	1.8		
30.0	2.8	3.2	3.2	3.0		3.3	3.2	2.7	2.4	2.3	3.2	2.8	2.4	2.1	1.9	3.0	2.5	2.1	1.8	1.7				2.7	2.3	1.9	1.6	1.5	
32.0	1.8	2.2	2.6	2.7		2.4	2.9	2.4	2.2		2.8	2.5	2.1	1.9	1.8	2.6	2.2	1.9	1.6	1.5				2.4	2.0	1.7	1.5	1.3	
34.0				1.9			2.0	2.2	2.0		2.0	2.2	1.9	1.7	1.6	2.3	2.0	1.7	1.5	1.4				2.1	1.8	1.5	1.3	1.2	
36.0								1.7	1.8			1.8	1.7	1.5			1.8	1.5	1.3	1.2				1.8	1.6	1.3	1.2	1.1	
38.0													1.5	1.3										1.4	1.2	1.0			
40.0																		1.3	1.2						1.4	1.2	1.0		
θ (°)	64-84	66-84	67-84	66-84	72-84	66-84	66-84	67-84	67-84	73-84	66-84	66-84	66-84	68-84	72-84	67-84	68-84	67-84	69-84	73-84	68-84	69-84	70-84	73-84	68-84	69-84	70-84	73-84	76-84
Standard hook	7.3 t																												
The weights of the hooks	300 kg																												
Standard number of part lines	1																												

Note: 36 t counterweight, 5.6 m outrigger extension width.

■ Performance FK

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
7.0	25.5	20.2				14.6	14.6				13.9					13.5					5.6					
8.0	23.8	19.3	15.6			14.6	14.6				13.9					13.5					5.6					
9.0	22.3	18.4	15.1	13.2		14.6	14.6				13.9	12.6				13.1					5.6					
10.0	21.0	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0				12.6	10.4				5.6					
11.0	19.8	16.9	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4				12.2	9.9				5.6	5.6				
12.0	18.3	16.2	13.9	12.5	11.5	14.6	13.1	10.9	9.6	8.5	13.1	10.9	8.9			11.4	9.4				5.6	5.6				
14.0	13.2	14.1	13.2	12.2	11.4	14.0	12.1	10.3	9.2	8.3	11.7	10.0	8.4			10.1	8.6	7.1			5.6	5.6				
16.0	9.7	10.4	11.3	11.8	11.3	10.8	11.2	9.8	8.9	8.2	10.5	9.2	7.9	7.1	6.3	9.1	7.9	6.7			5.6	5.6				
18.0	7.1	7.7	8.4	9.0	9.2	8.1	9.0	9.3	8.6	8.1	8.9	8.5	7.5	6.8	6.2	8.2	7.3	6.3	5.6		5.6	5.6	5.6			
20.0	5.1	5.6	6.2	6.6		6.1	6.8	7.7	8.4	8.0	6.9	7.7	7.1	6.6	6.1	7.5	6.8	6.0	5.4	4.9	5.6	5.6	5.3	4.7		
22.0	3.5	3.9	4.4	4.7		4.5	5.1	5.9	6.4		5.2	6.0	6.8	6.4	6.0	5.9	6.3	5.7	5.2	4.8	5.6	5.6	5.1	4.5		
24.0	2.2	2.6	3.0	3.2		3.2	3.7	4.3	4.8		3.9	4.6	5.4	6.1	6.0	4.5	5.3	5.4	5.1	4.7	5.3	5.3	4.8	4.4	4.0	
26.0		1.3	1.7	1.9		2.1	2.5	3.1	3.4		2.8	3.4	4.1	4.6		3.4	4.1	5.0	4.9	4.7	4.1	4.9	4.6	4.2	3.9	
28.0						1.0	1.4	2.0	2.2		1.8	2.4	3.0	3.4		2.5	3.1	3.9	4.5		3.2	3.9	4.4	4.1	3.8	
30.0												1.4	2.0	2.4		1.6	2.2	2.9	3.4		2.3	3.0	3.9	4.0	3.8	
32.0													1.0				1.4	2.0	2.5		1.6	2.2	3.0	3.6		
34.0																	1.2	1.6				1.5	2.2	2.7		
36.0																							1.5	1.9		
38.0																								1.1		
θ (°)	52-84	49-84	51-84	51-84	68-84	48-84	51-84	53-84	54-84	70-84	52-84	52-84	51-84	56-84	69-84	53-84	53-84	53-84	54-84	71-84	54-84	54-84	55-84	53-84	69-84	
Standard hook	63 t					25 t										7.3 t										
The weights of the hooks	600 kg					375 kg										300 kg										
Standard number of part lines	4					2										1										

Note: 24 t counterweight, 5.6 m outrigger extension width.

■ Performance FK

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
7.0	26.6	20.9				14.6					13.9										5.6					
8.0	25.3	19.9				14.6	14.6				13.9					12.3					5.6					
9.0	23.7	19.1	15.4			14.6	14.6				13.9					12.3					5.6					
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4				12.3					5.6					
11.0	21.2	17.6	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8				12.0	10.2				5.6					
12.0	18.3	16.9	14.3	12.7	11.6	14.6	13.7	11.2			13.9	11.3				11.6	9.7				5.6	5.6				
14.0	13.2	14.2	13.6	12.3	11.4	14.4	12.7	10.6	9.3	8.4	12.5	10.4	8.6			10.8	8.9				5.6	5.6				
16.0	9.7	10.5	11.4	12.0	11.3	10.8	11.8	10.1	9.0	8.2	11.3	9.6	8.1	7.1		9.7	8.2	6.8			5.6	5.6				
18.0	7.1	7.7	8.5	9.1	9.4	8.1	9.0	9.6	8.8	8.1	8.9	9.0	7.7	6.9	6.2	8.8	7.6	6.5	5.7		5.6	5.6	5.6			
20.0	5.1	5.7	6.3	6.8	7.0	6.1	6.8	7.8	8.5	8.0	6.8	7.7	7.4	6.7	6.1	7.4	7.1	6.2	5.5	4.9	5.6	5.6	5.5			
22.0	3.5	4.0	4.6	4.9		4.5	5.1	5.9	6.5	6.8	5.2	6.0	7.0	6.5	6.0	5.8	6.6	5.9	5.3	4.8	5.6	5.6	5.2	4.6		
24.0	2.2	2.7	3.1	3.4		3.2	3.7	4.4	4.9		3.8	4.5	5.4	6.2	6.0	4.4	5.2	5.6	5.1	4.7	5.1	5.6	4.9	4.4	4.0	
26.0			1.9	2.1		2.1	2.6	3.2	3.5		2.7	3.3	4.1	4.7	5.0	3.3	4.0	5.0	5.0	4.7	4.0	4.9	4.7	4.3	3.9	
28.0							1.5	2.1	2.4		1.7	2.3	3.0	3.5		2.4	3.0	3.9	4.6	4.6	3.0	3.8	4.5	4.2	3.8	
30.0								1.0	1.3			1.4	2.1	2.5		1.5	2.1	2.9	3.5		2.2	2.9	3.8	4.1	3.8	
32.0													1.1	1.5			1.3	2.1	2.5		1.4	2.1	3.0	3.6		
34.0																		1.2	1.7			1.4	2.2	2.7		
36.0																							1.5	2.0		
38.0																								1.2		
θ (°)	54-84	56-84	56-84	57-84	68-84	56-84	55-84	54-84	55-84	70-84	57-84	56-84	56-84	57-84	68-84	57-84	57-84	57-84	59-84	70-84	57-84	58-84	59-84	58-84	72-84	
Standard hook	63 t					25 t										7.3 t										
The weights of the hooks	600 kg					375 kg										300 kg										
Standard number of part lines	4					2										1										

Note: 24 t counterweight, 5.6 m outrigger extension width.

■ Performance FK

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m									
	Offset					Offset					Offset					Offset					Offset									
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	21.3					14.6					13.5																			
8.0	21.3	20.9				14.6					13.5					10.8														
9.0	21.3	20.1				14.6	14.6				13.5					10.8									5.6					
10.0	21.3	19.3	15.5			14.6	14.6				13.5	12.6				10.8									5.6					
11.0	20.8	18.6	15.1	13.2		14.6	14.6				13.5	12.2				10.8									5.6					
12.0	18.4	17.9	14.8	13.0	11.7	14.6	14.2	11.4			13.5	11.7				10.8	9.8								5.6					
14.0	13.3	14.3	14.1	12.6	11.6	14.3	13.2	10.8	9.4		12.9	10.8	8.7			10.6	9.3								5.6	5.6				
16.0	9.8	10.6	11.6	12.3	11.4	10.7	11.8	10.3	9.1	8.3	11.4	10.1	8.3	7.2		10.0	8.6	7.0							5.6	5.6				
18.0	7.2	7.8	8.7	9.3	9.6	8.1	8.9	9.9	8.9	8.1	8.7	9.4	7.9	7.0	6.2	9.3	8.0	6.6							5.6	5.6	5.6			
20.0	5.2	5.7	6.4	6.9	7.2	6.0	6.8	7.8	8.5	8.1	6.7	7.6	7.6	6.8	6.1	7.3	7.4	6.3	5.5						5.6	5.6	5.6			
22.0	3.6	4.1	4.7	5.1		4.4	5.1	5.9	6.6	6.9	5.0	5.9	7.0	6.6	6.1	5.6	6.6	6.0	5.4	4.8				5.6	5.6	5.3	4.7			
24.0	2.3	2.7	3.2	3.5		3.1	3.7	4.4	4.9	5.2	3.7	4.4	5.4	6.2	6.0	4.3	5.1	5.8	5.2	4.8				5.0	5.6	5.1	4.5			
26.0			2.0	2.3		1.9	2.5	3.1	3.6		2.6	3.2	4.1	4.7	5.1	3.1	3.9	5.0	5.1	4.7				3.8	4.7	4.9	4.4	3.9		
28.0							1.4	2.1	2.4		1.6	2.2	3.0	3.5		2.2	2.9	3.8	4.5	4.6				2.1	2.8	3.8	4.1	3.8		
30.0									1.3				1.3	2.0	2.5		1.3	2.0	3.5	3.8				2.9	3.7	4.7	4.2	3.8		
32.0														1.6				2.0	2.5					1.2	2.0	2.9	3.6	3.8		
34.0																		1.1	1.7						1.2	2.1	2.7			
36.0																										1.4	1.9			
38.0																											1.4	1.9		
θ (°)	58-84	60-84	60-84	60-84	71-84	60-84	59-84	60-84	60-84	70-84	60-84	60-84	61-84	61-84	71-84	60-84	61-84	61-84	63-84	70-84	60-84	61-84	62-84	62-84	62-84	62-84	72-84			
Standard hook	63 t					25 t															7.3 t									
The weights of the hooks	600 kg					375 kg															300 kg									
Standard number of part lines	3					2															1									

Note: 24 t counterweight, 5.6 m outrigger extension width.

■ Performance FK

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m									
	Offset					Offset					Offset					Offset					Offset									
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	17.2																													
8.0	17.2																													
9.0	17.2	17.2				13.7					11.3																			
10.0	17.2	17.2				13.7					11.3					9.3									5.6					
11.0	17.2	16.7	15.4			13.7	13.7				11.3					9.3									5.6					
12.0	16.6	16.0	15.0	13.1		13.7	13.7				11.3	11.3				9.3									5.6					
14.0	13.5	14.5	14.2	12.7	11.6	13.7	13.5	11.0			11.3	10.7				9.3	8.8								5.6					
16.0	10.0	10.8	11.8	12.4	11.5	10.9	11.9	10.6	9.2		11.3	10.2	8.5			9.3	8.4								5.6	5.6				
18.0	7.4	8.0	8.9	9.5	9.9	8.2	9.1	10.1	9.0	8.2	8.8	9.7	8.1	7.0		9.2	8.0	6.7							5.6	5.6				
20.0	5.4	5.9	6.6	7.2	7.4	6.2	6.9	7.9	8.7	8.1	6.8	7.7	7.7	6.8	6.2	7.3	7.7	6.4							5.6	5.6	5.6			
22.0	3.8	4.3	4.9	5.3	5.5	4.5	5.2	6.1	6.7	7.1	5.1	6.0	7.1	6.7	6.1	5.7	6.6	6.2	5.4	4.8				5.6	5.6	5.4				
24.0	2.5	2.9	3.4	3.8		3.2	3.8	4.6	5.1	5.4	3.8	4.5	5.5	6.3	6.0	4.3	5.2	5.9	5.3	4.8				5.0	5.6	5.2	4.6			
26.0			2.2	2.5		2.1	2.7	3.3	3.8	4.0	2.7	3.4	4.2	4.9	5.3	3.2	4.0	5.0	5.1	4.7				3.9	4.8	5.0	4.4	3.9		
28.0							1.6	2.3	2.7		1.7	2.4	3.1	3.7	4.0	2.3	3.0	3.9	4.7	4.7				2.9	3.7	4.8	4.3	3.9		
30.0									1.6				2.2	2.7			2.1	2.9	3.6	4.0				2.1	2.8	3.8	4.2	3.8		
32.0														1.8				2.1	2.7						2.1	3.0	3.7	3.8		
34.0																			1.9							2.2	2.8	3.2		
36.0																										1.5	2.1			
38.0																											1.4			
θ (°)	62-84	63-84	62-84	63-84	71-84	62-84	63-84	63-84	63-84	69-84	63-84	64-84	64-84	65-84	71-84	64-84	64-84	65-84	64-84	73-84	64-84	65-84	65-84	65-84	65-84	65-84	72-84			
Standard hook	63 t					25 t															7.3 t									
The weights of the hooks	600 kg					375 kg															300 kg									
Standard number of part lines	3					2															1									

Note: 24 t counterweight, 5.6 m outrigger extension width.

■ Performance FK

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m						
	Offset					Offset					Offset					Offset					Offset						
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°		
8.0	13.5																										
9.0	13.5					11.4																					
10.0	13.5	13.5				11.4					9.6																
11.0	13.5	13.0				11.4					9.6					8.0								5.6			
12.0	13.1	12.5	11.9			11.4	11.3				9.6					8.0								5.6			
14.0	12.1	11.6	11.0	10.7	10.6	11.1	10.5				9.6	9.6				8.0	8.0							5.6			
16.0	10.3	10.8	10.3	10.0	9.9	10.3	9.8	9.3	9.0		9.5	9.0	8.4			8.0	8.0							5.6	5.6		
18.0	7.7	8.3	9.2	9.4	9.3	8.3	9.2	8.7	8.4	8.2	8.9	8.4	7.9			8.0	7.7							5.6	5.6		
20.0	5.7	6.2	6.9	7.5	7.8	6.3	7.0	8.1	7.9	7.9	6.9	7.8	7.5	6.9		7.4	7.3	6.5						5.6	5.6		
22.0	4.1	4.6	5.2	5.6	5.8	4.7	5.3	6.2	6.9	7.3	5.2	6.0	7.0	6.7	6.1	5.7	6.7	6.3	5.5					5.6	5.6	5.2	
24.0	2.8	3.2	3.7	4.1	4.3	3.4	3.9	4.7	5.3	5.6	3.9	4.6	5.6	6.4	6.0	4.4	5.2	6.0	5.3	4.8			5.0	5.6	5.1		
26.0		2.0	2.5	2.8		2.3	2.8	3.5	4.0	4.2	2.8	3.4	4.3	5.0	5.4	3.2	4.0	5.1	5.2	4.7			3.9	4.8	4.9	4.5	
28.0				1.7				2.4	2.8			2.4	3.2	3.8	4.2	2.3	3.0	4.0	4.7	4.7			2.9	3.8	3.9	4.4	3.9
30.0									1.8				2.3	2.8	3.1		2.2	3.0	3.7	4.1			2.1	2.9	3.0	3.8	3.9
32.0													1.9				2.2	2.8	3.1				2.1	2.3	2.9	3.3	
34.0																		2.0						1.6	2.2	2.5	
36.0																									1.5	1.8	
θ (°)	65-84	65-84	65-84	65-84	71-84	65-84	66-84	66-84	66-84	72-84	67-84	67-84	67-84	66-84	71-84	66-84	67-84	68-84	67-84	72-84	66-84	67-84	70-84	70-84	71-84		
Standard hook	25 t																				7.3 t						
The weights of the hooks	375 kg																				300 kg						
Standard number of part lines	2																				1						

Note: 24 t counterweight, 5.6 m outrigger extension width.

■ Performance FK

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m							
	Offset					Offset					Offset					Offset					Offset							
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°			
9.0	10.8																											
10.0	10.7	10.0				9.2																						
11.0	10.3	9.6				9.2					7.8																	
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9								5.0				
14.0	9.0	8.6	8.0	7.6	7.4	8.3	7.7				7.5	6.9				5.9								5.0				
16.0	8.3	8.0	7.5	7.1	7.0	7.7	7.2	6.6			7.0	6.4				5.9	5.8							5.0				
18.0	7.7	7.4	7.0	6.7	6.6	7.2	6.7	6.2	5.9	5.7	6.6	6.0	5.5			5.9	5.5							5.0	5.0			
20.0	5.9	6.5	6.6	6.4	6.3	6.5	6.3	5.8	5.6	5.4	5.4	5.7	5.2	4.9		5.6	5.2	4.7					5.0	4.7				
22.0	4.3	4.8	5.4	5.9	6.0	4.9	5.5	5.5	5.3	5.2	4.0	4.8	4.9	4.7	4.6	5.3	4.9	4.4					4.8	4.4	4.0			
24.0	3.0	3.5	4.0	4.4	4.6	3.6	4.2	4.9	5.0	4.9	2.9	3.6	4.5	4.4	4.4	4.7	4.6	4.2	4.0				4.6	4.2	3.8			
26.0		2.3	2.8	3.1	3.3	2.5	3.0	3.7	4.2	4.5	2.0	2.6	3.4	4.0	4.2	3.6	4.4	4.0	3.8	3.7			4.0	4.0	3.6	3.4		
28.0				2.1			2.0	2.6	3.1	3.3		1.7	2.5	3.0	3.3	2.7	3.4	3.8	3.6	3.6			3.1	3.8	3.5	3.3	3.2	
30.0									2.1				1.6	2.1	2.4		2.5	3.4	3.5	3.4	2.2		3.0	3.3	3.1	3.1		
32.0													1.3	1.5			2.5	3.1	3.3				2.2	3.1	3.0	2.9		
34.0																	1.8	2.3	2.6					2.4	2.9	2.8		
36.0																			1.6						1.7	2.3	2.7	
38.0																										1.7		
θ (°)	67-84	67-84	68-84	67-84	70-84	67-84	67-84	69-84	67-84	72-84	69-84	70-84	70-84	70-84	70-84	68-84	69-84	68-84	69-84	72-84	69-84	70-84	69-84	69-84	69-84	74-84		
Standard hook	25 t																				7.3 t							
The weights of the hooks	375 kg																				300 kg							
Standard number of part lines	2																				1							

Note: 24 t counterweight, 5.6 m outrigger extension width.

Performance FK

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	8.5																								
11.0	8.2	7.7				6.8																			
12.0	7.8	7.4				6.8					5.8														
14.0	7.2	6.8	6.4			6.6	6.1				5.8														
16.0	6.6	6.3	5.9	5.7	5.6	6.1	5.7	5.3			5.6	5.2													
18.0	6.1	5.8	5.5	5.3	5.2	5.6	5.3	4.9	4.7		5.2	4.9	4.5			4.8							4.3		
20.0	5.7	5.4	5.2	5.0	4.9	5.2	4.9	4.6	4.4	4.3	4.8	4.5	4.2			4.5							4.2		
22.0	4.6	5.0	4.8	4.7	4.6	4.9	4.6	4.3	4.2	4.1	4.5	4.2	3.9	3.8	3.7	4.2	3.9					3.9	3.6		
24.0	3.3	3.7	4.2	4.4	4.3	4.0	4.3	4.1	3.9	3.9	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.4				3.7	3.4		
26.0		2.6	3.0	3.4	3.5	2.9	3.4	3.8	3.7	3.6	3.3	3.7	3.5	3.3	3.3	3.7	3.5	3.2				3.4	3.2		
28.0				2.3			2.4	3.0	3.5	3.4	2.4	3.0	3.3	3.2	3.1	2.8	3.2	3.0	2.9	2.9		3.2	3.0		
30.0								2.1	2.5	2.7		2.1	2.8	3.0	3.0		2.6	2.9	2.7	2.7		2.3	2.8		
32.0												2.0	2.5	2.8			2.7	2.6	2.6			2.3	2.5		
34.0																	1.9	2.5	2.4				2.4		
36.0																		1.8	2.0				1.8		
38.0																							1.8		
θ (°)	69-84	69-84	69-84	69-84	73-84	70-84	69-84	69-84	70-84	72-84	69-84	69-84	70-84	71-84	73-84	70-84	71-84	71-84	70-84	72-84	71-84	72-84	71-84		
Standard hook	25 t					7.3 t																			
The weights of the hooks	375 kg					300 kg																			
Standard number of part lines	2					1																			

Note: 24 t counterweight, 5.6 m outrigger extension width.

Performance FK

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	5.6																								
11.0	5.6																								
12.0	5.6	5.6				5.1																			
14.0	5.6	5.6	5.6			5.1	5.1				4.6					4.3									
16.0	5.6	5.6	5.4	5.2	5.1	5.1	5.1				4.6	4.6				4.3									
18.0	5.6	5.3	5.1	4.9	4.8	5.1	4.9	4.6			4.6	4.5				4.3	4.2						4.0		
20.0	5.2	5.0	4.7	4.6	4.5	4.8	4.5	4.3	4.0	3.7	4.5	4.2	3.9			4.2	3.9					3.9	3.6		
22.0	4.8	4.6	4.4	4.3	4.2	4.5	4.2	4.0	3.6	3.3	4.2	3.9	3.6	3.1		3.9	3.6	3.2				3.6	3.4		
24.0	3.4	3.9	4.1	4.0	3.8	3.9	4.0	3.7	3.3	3.1	3.9	3.7	3.3	2.8	2.6	3.6	3.4	2.9	2.5			3.4	3.2		
26.0			3.2	3.6	3.4	2.8	3.4	3.4	3.0	2.8	3.3	3.4	2.9	2.6	2.3	3.4	3.2	2.6	2.2	2.0		3.2	2.9		
28.0					2.6			3.0	2.7	2.5		2.9	2.6	2.3	2.1	2.7	2.8	2.3	2.0	1.8		3.0	2.6		
30.0									2.4	2.3			2.4	2.1	1.9		2.5	2.1	1.8	1.7		2.3	1.9		
32.0													1.9	1.8			1.9	1.6	1.5			1.7	1.5		
34.0																	1.5	1.4				1.5	1.3		
36.0																							1.2		
θ (°)	71-84	72-84	71-84	72-84	72-84	71-84	72-84	72-84	72-84	73-84	72-84	72-84	72-84	73-84	73-84	71-84	72-84	73-84	73-84	74-84	73-84	74-84	74-84		
Standard hook	7.3 t																								
The weights of the hooks	300 kg																								
Standard number of part lines	1																								

Note: 24 t counterweight, 5.6 m outrigger extension width.

Performance FL

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9				13.5					5.6					
8.0	23.8	19.3	15.6			14.6	14.6				13.9				13.5					5.6					
9.0	22.0	18.4	15.1	13.2		14.6	14.6				13.9	12.6			13.1					5.6					
10.0	17.6	17.6	14.7	13.0	11.7	14.6	14.4	11.6			13.9	12.0			12.6	10.4				5.6					
11.0	14.2	15.5	14.3	12.8	11.6	14.6	13.7	11.3			13.9	11.4			12.2	9.9				5.6	5.6				
12.0	11.5	12.7	13.9	12.5	11.5	12.9	13.1	10.9	9.6	8.5	13.1	10.9	8.9		11.4	9.4				5.6	5.6				
14.0	7.7	8.6	9.8	10.7	11.2	8.9	10.1	10.3	9.2	8.3	9.8	10.0	8.4		10.1	8.6	7.1			5.6	5.6				
16.0	5.0	5.7	6.7	7.4	7.7	6.1	7.1	8.4	8.9	8.2	6.9	8.2	7.9	7.1	6.3	7.7	7.9	6.7		5.6	5.6				
18.0	3.0	3.6	4.4	4.9	5.1	4.1	4.9	6.0	6.9	7.4	4.9	5.9	7.3	6.8	6.2	5.5	6.8	6.3	5.6	5.6	5.6				
20.0		2.0	2.6	3.0		2.5	3.2	4.1	4.8	5.2	3.3	4.1	5.3	6.3	6.1	3.9	5.0	6.0	5.4	4.9	4.7	5.6	5.3	4.7	
22.0							1.9	2.6	3.2		2.0	2.8	3.8	4.6	5.1	2.6	3.5	4.8	5.2	4.8	3.4	4.5	5.1	4.5	
24.0								1.4	1.9			1.6	2.5	3.2	3.5	1.6	2.4	3.5	4.4	4.7	2.3	3.3	4.5	4.4	4.0
26.0													1.4	2.0			1.4	2.4	3.1	3.6	1.4	2.3	3.4	4.2	3.9
28.0																	1.4	2.1				1.4	2.4	3.2	3.8
30.0																		1.1					1.6	2.3	2.7
32.0																								1.4	
θ (°)	59-84	60-84	60-84	61-84	68-84	59-84	61-84	60-84	62-84	70-84	59-84	61-84	61-84	61-84	68-84	61-84	61-84	63-84	62-84	70-84	61-84	62-84	64-84	64-84	69-84
Standard hook	63 t										25 t										7.3 t				
The weights of the hooks	600 kg										375 kg										300 kg				
Standard number of part lines	4										2										1				

Note: 12 t counterweight, 5.6 m outrigger extension width.

Performance FL

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9														
8.0	25.3	19.9				14.6	14.6				13.9					12.3					5.6				
9.0	22.1	19.1	15.4			14.6	14.6				13.9				12.3					5.6					
10.0	17.6	18.3	15.0	13.1		14.6	14.6				13.9	12.4			12.3					5.6					
11.0	14.2	15.5	14.6	12.9	11.7	14.6	14.3	11.5			13.9	11.8			12.0	10.2				5.6					
12.0	11.6	12.7	14.3	12.7	11.6	12.9	13.7	11.2			13.7	11.3			11.6	9.7				5.6	5.6				
14.0	7.7	8.6	9.8	10.8	11.4	8.9	10.1	10.6	9.3	8.4	9.7	10.4	8.6		10.4	8.9				5.6	5.6				
16.0	5.0	5.8	6.8	7.5	7.9	6.1	7.1	8.5	9.0	8.2	6.9	8.1	8.1	7.1	7.5	8.2	6.8			5.6	5.6				
18.0	3.0	3.7	4.5	5.1	5.3	4.1	4.9	6.1	7.0	7.5	4.8	5.9	7.3	6.9	6.2	5.4	6.7	6.5	5.7	5.6	5.6	5.6			
20.0			2.7	3.2	3.4	2.5	3.2	4.2	4.9	5.3	3.2	4.1	5.4	6.4	6.1	3.8	4.9	6.2	5.5	4.9	4.6	5.6	5.5		
22.0							1.9	2.7	3.3	3.6	1.9	2.7	3.8	4.6	5.2	2.5	3.5	4.8	5.3	4.8	3.3	4.4	5.2	4.6	
24.0									2.0				2.5	3.2	3.6		2.3	3.5	4.4	4.7	2.2	3.2	4.5	4.4	4.0
26.0													2.1	2.4			2.4	3.2	3.7		2.2	3.4	4.3	3.9	
28.0																		2.1	2.5			2.4	3.3	3.8	
30.0																						1.6	2.3	2.8	
32.0																								1.5	
θ (°)	63-84	65-84	64-84	65-84	68-84	63-84	64-84	65-84	65-84	69-84	64-84	65-84	66-84	65-84	68-84	65-84	66-84	67-84	66-84	70-84	65-84	66-84	67-84	67-84	72-84
Standard hook	63 t										25 t										7.3 t				
The weights of the hooks	600 kg										375 kg										300 kg				
Standard number of part lines	4										2										1				

Note: 12 t counterweight, 5.6 m outrigger extension width.

Performance FL

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	21.3					14.6					13.5														
8.0	21.3	20.9				14.6					13.5					10.8									
9.0	21.3	20.1				14.6	14.6				13.5					10.8					5.6				
10.0	17.7	19.3	15.5			14.6	14.6				13.5	12.6				10.8					5.6				
11.0	14.3	15.7	15.1	13.2		14.6	14.6				13.5	12.2				10.8					5.6				
12.0	11.7	12.9	14.4	13.0	11.7	12.8	14.2	11.4			13.5	11.7				10.8	9.8				5.6				
14.0	7.8	8.7	10.0	10.9	11.5	8.8	10.1	10.8	9.4		9.6	10.8	8.7			10.3	9.3				5.6	5.6			
16.0	5.1	5.9	6.9	7.6	8.1	6.0	7.1	8.5	9.1	8.3	6.7	8.0	8.3	7.2		7.4	8.6	7.0			5.6	5.6			
18.0	3.1	3.8	4.6	5.2	5.5	4.0	4.9	6.0	7.0	7.6	4.7	5.8	7.3	7.0	6.2		5.3	6.6	6.6			5.6	5.6	5.6	
20.0			2.8	3.3	3.6	2.4	3.2	4.2	5.0	5.4	3.1	4.0	5.3	6.4	6.1		3.7	4.8	6.3	5.5		4.4	5.6	5.6	
22.0								2.7	3.3	3.7		2.6	3.7	4.6	5.2		2.4	3.4	4.7	5.4	4.8	3.1	4.3	5.3	4.7
24.0									2.0	2.3			2.5	3.2	3.7		2.2	3.4	4.4	4.8		2.1	3.1	4.4	4.5
26.0													2.1	2.4			2.3	3.1	3.7			2.1	3.3	4.3	3.9
28.0																		2.1	2.5				2.3	3.2	3.9
30.0																			1.5					2.3	2.8
32.0																								1.5	1.9
θ (°)	66-84	68-84	67-84	68-84	70-84	66-84	68-84	68-84	68-84	69-84	68-84	68-84	68-84	68-84	71-84	67-84	68-84	69-84	69-84	69-84	67-84	68-84	70-84	70-84	71-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	3					2										1									

Note: 12 t counterweight, 5.6 m outrigger extension width.

Performance FL

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
7.0	17.2																									
8.0	17.2																									
9.0	17.2	17.2				13.7					11.3															
10.0	17.2	17.2				13.7					11.3					9.3						5.6				
11.0	14.6	15.9	15.4			13.7	13.7				11.3					9.3						5.6				
12.0	11.9	13.1	14.6	13.1		13.0	13.7				11.3	11.3				9.3						5.6				
14.0	8.0	9.0	10.2	11.2	11.6	9.0	10.2	11.0			9.7	10.7				9.3	8.8					5.6				
16.0	5.3	6.1	7.1	7.9	8.3	6.2	7.2	8.6	9.2		6.9	8.1	8.5			7.5	8.4					5.6	5.6			
18.0	3.3	4.0	4.8	5.4	5.8	4.1	5.0	6.2	7.1	7.8	4.8	5.9	7.4	7.0		5.3	6.6	6.7				5.6	5.6			
20.0			3.0	3.6	3.8		3.3	4.3	5.1	5.6	3.2	4.1	5.4	6.5	6.2		3.7	4.8	6.4				4.5	5.6	5.6	
22.0								2.9	3.5	3.9		2.7	3.9	4.8	5.4		2.4	3.4	4.8	5.4	4.8		3.2	4.3	5.4	
24.0									2.2	2.5			2.6	3.4	3.9		2.3	3.5	4.5	4.8			3.1	4.5	4.6	
26.0													2.2	2.6			2.4	3.2	3.8				2.1	3.3	4.4	3.9
28.0																		2.2	2.7					2.4	3.3	3.9
30.0																			1.7						2.4	2.9
32.0																										2.0
θ (°)	69-84	69-84	69-84	71-84	71-84	69-84	70-84	70-84	69-84	70-84	70-84	70-84	71-84	70-84	71-84	70-84	70-84	71-84	72-84	72-84	70-84	70-84	72-84	73-84	72-84	
Standard hook	63 t					25 t										7.3 t										
The weights of the hooks	600 kg					375 kg										300 kg										
Standard number of part lines	3					2										1										

Note: 12 t counterweight, 5.6 m outrigger extension width.

■ Performance FL

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m						
	Offset					Offset					Offset					Offset					Offset						
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°		
8.0	13.5																										
9.0	13.5					11.4																					
10.0	13.5	13.5				11.4					9.6																
11.0	13.5	13.0				11.4					9.6					8.0								5.6			
12.0	12.3	12.5	11.9			11.4	11.3				9.6					8.0								5.6			
14.0	8.4	9.3	10.5	10.7	10.6	9.1	10.3				9.6	9.6				8.0	8.0							5.6			
16.0	5.6	6.4	7.4	8.2	8.6	6.3	7.4	8.7	9.0		6.9	8.2	8.4			7.5	8.0							5.6	5.6		
18.0	3.6	4.3	5.1	5.7	6.1	4.3	5.1	6.3	7.3	7.9	4.9	6.0	7.5			5.4	6.7							5.6	5.6		
20.0			3.3	3.9	4.2		3.5	4.5	5.3	5.8	3.3	4.2	5.5	6.6			3.8	4.9	6.5					4.5	5.6		
22.0					2.6			3.0	3.7	4.1		2.8	4.0	4.9	5.5		3.5	4.8	5.5					3.2	4.3	4.5	
24.0									2.4	2.7			2.7	3.5	4.0		3.5	4.5	4.8					3.1	3.4		
26.0													2.3	2.8			2.4	3.3	3.9					2.4	3.4		
28.0																		2.3	2.8						1.6	2.4	3.0
30.0																									1.6	2.1	
32.0																										1.3	
θ (°)	71-84	71-84	72-84	71-84	71-84	71-84	71-84	72-84	71-84	72-84	71-84	72-84	73-84	73-84	74-84	73-84	73-84	73-84	74-84	73-84	72-84	73-84	75-84	76-84	75-84		
Standard hook	25 t																						7.3 t				
The weights of the hooks	375 kg																						300 kg				
Standard number of part lines	2																						1				

Note: 12 t counterweight, 5.6 m outrigger extension width.

■ Performance FL

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
9.0	10.8																									
10.0	10.7	10.0				9.2																				
11.0	10.3	9.6				9.2					7.8															
12.0	9.9	9.2	8.5			8.9	8.2				7.8					5.9								5.0		
14.0	8.6	8.6	8.0	7.6	7.4	8.3	7.7				7.1	6.9				5.9								5.0		
16.0	5.9	6.7	7.5	7.1	7.0	6.5	7.2	6.6			5.0	6.1				5.9	5.8							5.0		
18.0	3.9	4.5	5.4	6.0	6.4	4.5	5.4	6.2	5.9	5.7	3.4	4.4	5.5			5.8	5.5						5.0	5.0		
20.0			3.6	4.1	4.4		3.7	4.7	5.5	5.4	2.2	3.0	4.1	4.9		4.2	5.2	4.7					4.6	4.7		
22.0					2.9			3.2	3.9	4.3		1.9	2.9	3.6	4.2	2.9	3.9	4.4					3.3	4.4	4.0	
24.0									2.6	2.9			1.8	2.5	2.9		2.7	3.9	4.0					3.2	3.8	
26.0														1.5	1.9			2.8	3.7	3.7				3.5	3.4	
28.0																			2.6	3.2				2.5	3.3	3.2
30.0																				2.2					2.6	3.1
32.0																										2.3
θ (°)	72-84	73-84	72-84	74-84	73-84	73-84	73-84	73-84	74-84	74-84	74-84	75-84	75-84	75-84	74-84	73-84	74-84	74-84	75-84	75-84	74-84	75-84	76-84	76-84	76-84	
Standard hook	25 t																						7.3 t			
The weights of the hooks	375 kg																						300 kg			
Standard number of part lines	2																						1			

Note: 12 t counterweight, 5.6 m outrigger extension width.

Performance FL

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
10.0	8.5																									
11.0	8.2	7.7				6.8																				
12.0	7.8	7.4				6.8					5.8															
14.0	7.2	6.8	6.4			6.6	6.1				5.8															
16.0	6.1	6.3	5.9	5.7	5.6	6.1	5.7	5.3			5.6	5.2														
18.0	4.1	4.8	5.5	5.3	5.2	5.0	5.3	4.9	4.7		5.2	4.9	4.5			4.8								4.3		
20.0			3.8	4.4	4.7	3.4	4.1	4.6	4.4	4.3	3.9	4.5	4.2			4.3								4.2		
22.0					3.1			3.6	4.2	4.1		3.4	3.9	3.8	3.7		3.9							3.4	3.6	
24.0									3.0	3.4			3.2	3.6	3.5		2.8	3.4						3.3		
26.0														2.9	3.3			2.9							3.0	
28.0															2.3				2.8	2.9					2.6	
30.0																				2.3					2.5	2.5
32.0																									2.4	
θ (°)	74-84	75-84	74-84	75-84	75-84	73-84	75-84	75-84	75-84	75-84	75-84	75-84	76-84	76-84	75-84	75-84	74-84	75-84	75-84	76-84	76-84	76-84	76-84	76-84	77-84	
Standard hook	25 t					7.3 t																				
The weights of the hooks	375 kg					300 kg																				
Standard number of part lines	2					1																				

Note: 12 t counterweight, 5.6 m outrigger extension width.

Performance FL

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
10.0	5.6																									
11.0	5.6																									
12.0	5.6	5.6				5.1																				
14.0	5.6	5.6	5.6			5.1	5.1				4.6					4.3										
16.0	5.6	5.6	5.4	5.2	5.1	5.1	5.1				4.6	4.6				4.3										
18.0	4.4	5.0	5.1	4.9	4.8	4.9	4.9	4.6			4.6	4.5				4.3	4.2							4.0		
20.0			4.1	4.6	4.5		4.1	4.3	4.0	3.7		4.2	3.9			4.2	3.9							3.9	3.6	
22.0								3.6	3.6	3.3			3.6	3.1			3.6	3.2							3.4	
24.0										3.1				2.8	2.6			2.9	2.5						2.6	
26.0															2.3				2.2	2.0					2.3	
28.0																				1.8					1.8	
30.0																									1.6	1.5
θ (°)	75-84	76-84	76-84	77-84	77-84	76-84	76-84	76-84	77-84	77-84	77-84	77-84	78-84	78-84	77-84	77-84	78-84	78-84	78-84	78-84	77-84	78-84	78-84	78-84	79-84	
Standard hook	7.3 t																									
The weights of the hooks	300 kg																									
Standard number of part lines	1																									

Note: 12 t counterweight, 5.6 m outrigger extension width.

■ Performance FM

30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	25.5	20.2				14.6	14.6				13.9					13.5					5.6				
8.0	20.6	19.3	15.6			14.6	14.6				13.9					13.5					5.6				
9.0	16.0	17.7	15.1	13.2		14.6	14.6				13.9	12.6				13.1					5.6				
10.0	12.6	14.0	14.7	13.0	11.7	14.0	14.4	11.6			13.9	12.0				12.6	10.4				5.6				
11.0	10.0	11.2	12.9	12.8	11.6	11.3	12.9	11.3			12.3	11.4				12.2	9.9				5.6	5.6			
12.0	7.9	9.0	10.4	11.6	11.5	9.2	10.6	10.9	9.6	8.5	10.1	10.9	8.9			10.9	9.4				5.6	5.6			
14.0	4.9	5.7	6.8	7.7	8.2	6.0	7.2	8.7	9.2	8.3	6.8	8.3	8.4			7.6	8.6	7.1			5.6	5.6			
16.0	2.7	3.4	4.3	5.0	5.3	3.8	4.7	6.0	7.0	7.7	4.6	5.7	7.4	7.1	6.3	5.2	6.6	6.7			5.6	5.6			
18.0			2.4	2.9	3.1	2.1	2.9	4.0	4.8	5.3	2.8	3.8	5.2	6.4	6.2	3.5	4.7	6.3	5.6		4.3	5.6	5.6		
20.0								2.4	3.0	3.4		2.4	3.5	4.5	5.1	2.2	3.2	4.6	5.4	4.9	2.9	4.1	5.3	4.7	
22.0									1.6				2.2	3.0	3.5		2.0	3.2	4.2	4.8	1.8	2.9	4.3	4.5	
24.0													1.7	2.1			2.0	2.9	3.5		1.8	3.1	4.2	4.0	
26.0																		1.8	2.3			2.1	3.0	3.7	
28.0																							2.0	2.6	
30.0																								1.6	
θ (°)	63-84	65-84	66-84	65-84	68-84	64-84	65-84	64-84	65-84	70-84	65-84	65-84	65-84	67-84	68-84	65-84	65-84	66-84	68-84	70-84	66-84	67-84	68-84	68-84	69-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 12 t counterweight, 4.6 m outrigger extension width.

■ Performance FM

35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m) Working radius (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
7.0	26.6	20.9				14.6					13.9					12.3					5.6				
8.0	20.7	19.9				14.6	14.6				13.9					12.3					5.6				
9.0	16.1	17.7	15.4			14.6	14.6				13.9					12.3					5.6				
10.0	12.7	14.1	15.0	13.1		14.0	14.6				13.9	12.4				12.3					5.6				
11.0	10.1	11.3	12.9	12.9	11.7	11.3	13.0	11.5			12.2	11.8				12.0	10.2				5.6				
12.0	8.0	9.1	10.5	11.7	11.6	9.2	10.6	11.2			10.0	11.3				10.8	9.7				5.6	5.6			
14.0	4.9	5.8	6.9	7.8	8.4	6.0	7.2	8.8	9.3	8.4	6.8	8.2	8.6			7.5	8.9				5.6	5.6			
16.0		3.4	4.4	5.1	5.5	3.8	4.7	6.0	7.1	7.8	4.5	5.7	7.4	7.1		5.1	6.6	6.8			5.6	5.6			
18.0				3.0	3.3		2.9	4.0	4.9	5.4	2.8	3.8	5.2	6.4	6.2	3.4	4.6	6.3	5.7		4.2	5.6	5.6		
20.0								2.4	3.1	3.5		2.3	3.5	4.5	5.2		3.1	4.6	5.5	4.9	2.8	4.0	5.5		
22.0										2.0			2.2	3.0	3.6			3.2	4.2	4.8		2.8	4.3	4.6	
24.0													1.8	2.2			2.0	2.9	3.6			3.1	4.2	4.0	
26.0																		1.9	2.3				2.1	3.0	3.7
28.0																							2.0	2.6	
30.0																								1.7	
θ (°)	67-84	68-84	68-84	68-84	68-84	68-84	68-84	67-84	69-84	69-84	68-84	68-84	69-84	70-84	70-84	69-84	70-84	70-84	71-84	71-84	69-84	70-84	70-84	71-84	72-84
Standard hook	63 t					25 t										7.3 t									
The weights of the hooks	600 kg					375 kg										300 kg									
Standard number of part lines	4					2										1									

Note: 12 t counterweight, 4.6 m outrigger extension width.

Performance FM

39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
7.0	21.3					14.6					13.5															
8.0	20.8	20.9				14.6					13.5					10.8										
9.0	16.2	17.9				14.6	14.6				13.5					10.8					5.6					
10.0	12.8	14.2	15.5			13.9	14.6				13.5	12.6				10.8					5.6					
11.0	10.2	11.4	13.1	13.2		11.2	12.9				12.1	12.2				10.8					5.6					
12.0	8.1	9.2	10.7	11.8	11.7	9.1	10.6	11.4			9.9	11.7				10.6	9.8				5.6					
14.0	5.0	5.9	7.0	8.0	8.6	5.9	7.1	8.8	9.4		6.7	8.1	8.7			7.3	9.1				5.6	5.6				
16.0		3.5	4.5	5.2	5.7	3.7	4.7	6.0	7.1	7.9	4.4	5.6	7.3	7.2		5.0	6.4	7.0			5.6	5.6				
18.0				3.2	3.5			2.8	4.0	4.9	5.5				3.7	5.2	6.4	6.2			4.1	5.5	5.6			
20.0								2.4	3.2	3.6						3.0	4.5	5.5			2.7	3.9	5.6			
22.0										2.1						2.2	3.0	3.6			3.1	4.2	4.8			
24.0																		2.3				2.9	3.6			
26.0																						1.8	2.4			
28.0																								2.0	3.0	3.7
30.0																									2.0	2.6
θ (°)	70-84	70-84	70-84	71-84	71-84	71-84	70-84	70-84	72-84	72-84	71-84	71-84	71-84	73-84	72-84	72-84	72-84	72-84	73-84	73-84	71-84	72-84	72-84	73-84	74-84	
Standard hook	63 t					25 t					7.3 t															
The weights of the hooks	600 kg					375 kg					300 kg															
Standard number of part lines	3					2					1															

Note: 12 t counterweight, 4.6 m outrigger extension width.

Performance FM

43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
	Offset					Offset					Offset					Offset					Offset					
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
7.0	17.2																									
8.0	17.2																									
9.0	16.4	17.2				13.7					11.3															
10.0	13.0	14.4				13.7					11.3					9.3					5.6					
11.0	10.4	11.6	13.3			11.4	13.1				11.3					9.3					5.6					
12.0	8.3	9.4	10.9	12.0		9.3	10.7				10.0	11.3				9.3					5.6					
14.0	5.2	6.1	7.2	8.2	8.8	6.1	7.3	8.9			6.8	8.2				7.4	8.8				5.6					
16.0		3.7	4.7	5.4	5.9	3.8	4.8	6.2	7.3		4.5	5.7	7.4			5.0	6.5				5.6	5.6				
18.0				3.4	3.7			3.0	4.1	5.0	5.6				3.8	5.3	6.5				4.1	5.5				
20.0										3.3	3.8					3.6	4.6	5.4			3.1	4.6				
22.0												2.3						3.2	3.7			3.2	4.3	4.8		
24.0																			2.4				3.0	3.7		
26.0																							2.5			
28.0																								2.0	3.1	3.8
30.0																									2.1	2.7
θ (°)	72-84	72-84	73-84	73-84	74-84	73-84	72-84	73-84	74-84	72-84	73-84	73-84	74-84	75-84	74-84	73-84	74-84	74-84	75-84	75-84	74-84	74-84	74-84	75-84	74-84	
Standard hook	63 t					25 t					7.3 t															
The weights of the hooks	600 kg					375 kg					300 kg															
Standard number of part lines	3					2					1															

Note: 12 t counterweight, 4.6 m outrigger extension width.

Performance FM

48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
8.0	13.5																								
9.0	13.5					11.4																			
10.0	13.4	13.5				11.4					9.6														
11.0	10.7	11.9				11.4					9.6					8.0					5.6				
12.0	8.6	9.7	11.2			9.4	10.8				9.6					8.0					5.6				
14.0	5.5	6.4	7.5	8.5	9.1	6.2	7.4				6.8	8.3				7.4	8.0				5.6				
16.0		4.0	5.0	5.7	6.2	3.9	4.9				6.3	7.4				5.1	6.6				5.6	5.6			
18.0				3.7	4.0						4.3	5.2	5.8			3.9	5.3				4.1	5.5			
20.0											3.5	4.0									4.0				
22.0																3.7	4.7				3.1	4.6			
24.0																					3.2	4.3			
26.0																						3.1	3.8		
28.0																								2.7	3.1
30.0																								2.1	2.1
θ (°)	74-84	74-84	75-84	75-84	74-84	73-84	75-84	75-84	75-84	75-84	75-84	75-84	76-84	76-84	76-84	75-84	76-84	76-84	77-84	77-84	76-84	76-84	77-84	78-84	77-84
Standard hook	25 t					7.3 t																			
The weights of the hooks	375 kg					300 kg																			
Standard number of part lines	2					1																			

Note: 12 t counterweight, 4.6 m outrigger extension width.

■ Performance FM

52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib

Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
	Offset					Offset					Offset					Offset					Offset				
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	10.8																								
10.0	10.7	10.0				9.2																			
11.0	10.3	9.6				9.2					7.8														
12.0	8.9	9.2	8.5			8.9	8.2				7.0					5.9					5.0				
14.0	5.8	6.6	7.8	7.6	7.4	6.4	7.6				4.7	5.9				5.9					5.0				
16.0		4.3	5.2	6.0	6.4	4.2	5.1	6.5			3.0	4.1				5.5	5.8				5.0				
18.0				3.9	4.3			4.4	5.4	5.7		2.6	3.8			3.8	5.0				4.2	5.0			
20.0									3.6	4.1			2.5	3.4			3.5	4.7				4.1			
22.0													2.2	2.7				3.6					4.0		
24.0															1.6				3.4				3.2		
26.0																			2.4	2.9			3.2		
28.0																							2.3	2.9	
30.0																								2.0	
θ (°)	76-84	75-84	76-84	75-84	76-84	75-84	77-84	77-84	76-84	77-84	77-84	77-84	78-84	78-84	78-84	76-84	76-84	77-84	77-84	78-84	77-84	77-84	78-84	78-84	
Standard hook	25 t										7.3 t														
The weights of the hooks	375 kg										300 kg														
Standard number of part lines	2										1														

Note: 12 t counterweight, 4.6 m outrigger extension width.

■ Performance FM

56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib

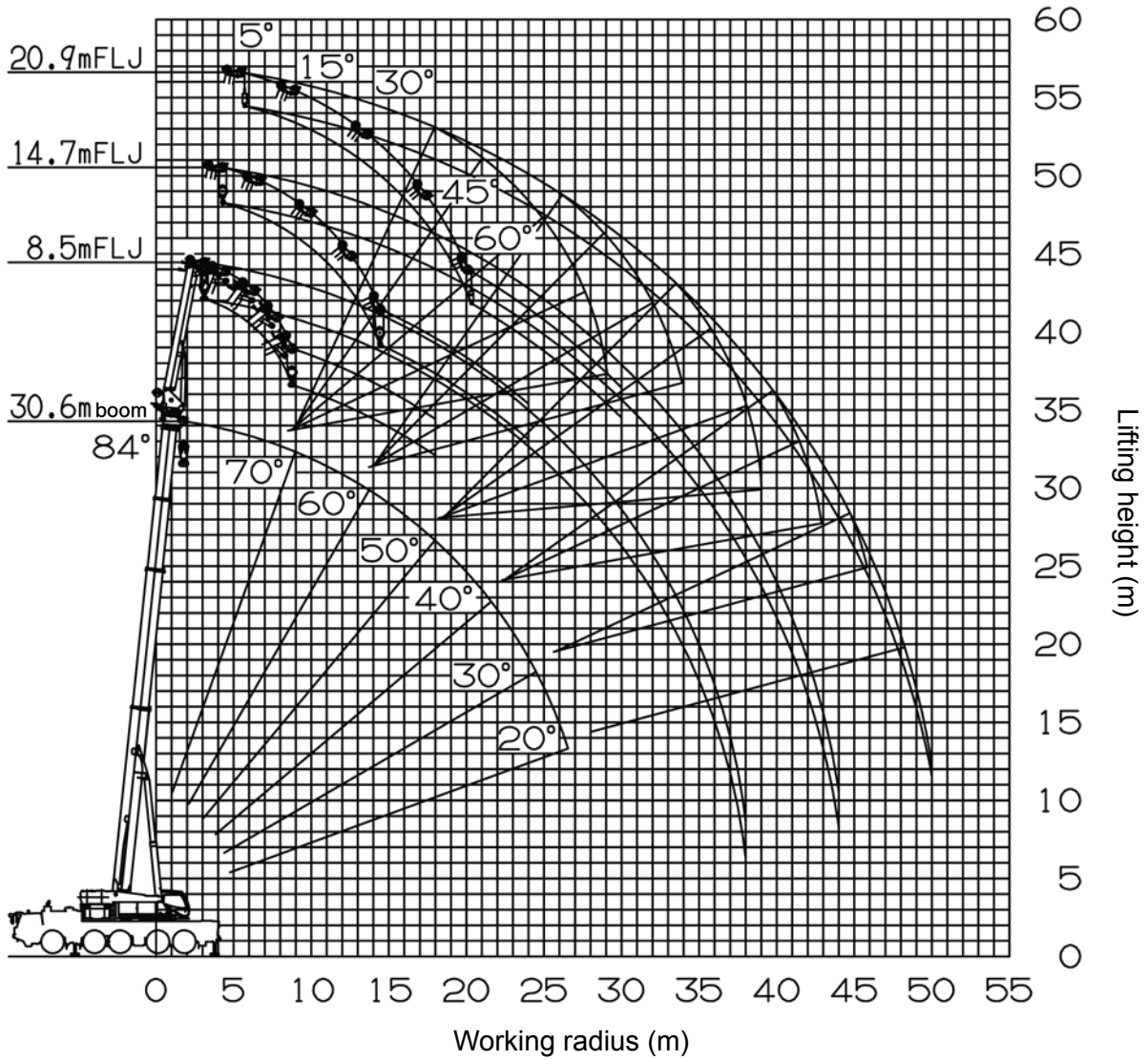
Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m									
	Offset					Offset					Offset									
Working radius (m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°					
10.0	8.5																			
11.0	8.2	7.7				6.8														
12.0	7.8	7.4				6.8					5.8									
14.0	6.0	6.8	6.4			6.6	6.1				5.8									
16.0		4.5	5.4	5.7	5.6	4.7	5.6	5.3			5.2	5.2								
18.0				4.1	4.5		3.8	4.9	4.7			4.5	4.5							
20.0								3.3	4.1	4.3										
22.0										3.1										
24.0														3.8	3.7					
θ (°)	77-84	76-84	78-84	77-84	78-84	77-84	76-84	77-84	78-84	78-84	77-84	78-84	79-84	78-84	78-84					
Standard hook	25 t										7.3 t									
The weights of the hooks	375 kg										300 kg									
Standard number of part lines	2										1									

Note: 12 t counterweight, 4.6 m outrigger extension width.

Working Radius - Lifting Height

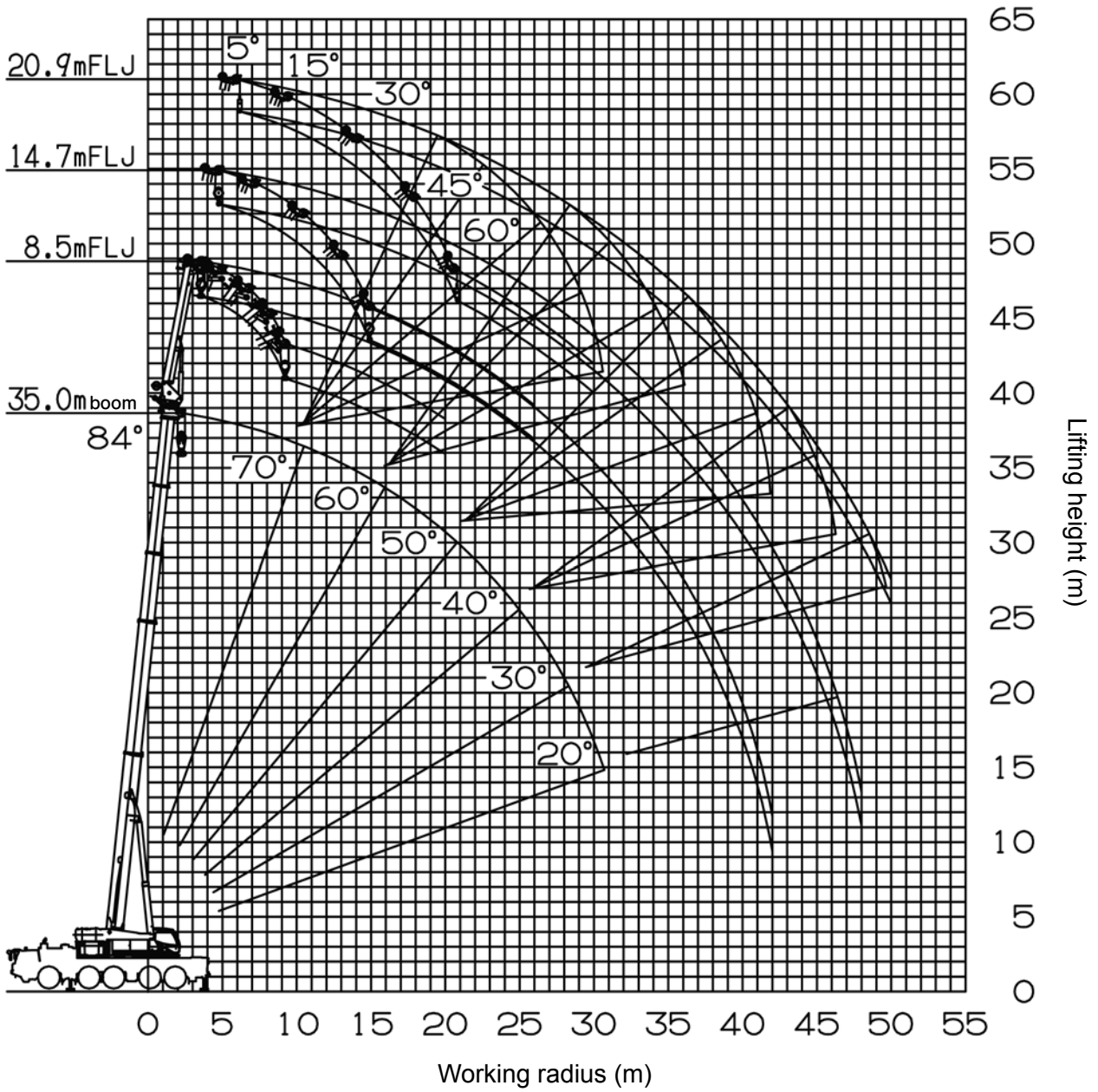
30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib



Note:

1. The deflection of the boom and jib is not incorporated in the figure above.
2. The above figure is maximum load radius for Performance FA.

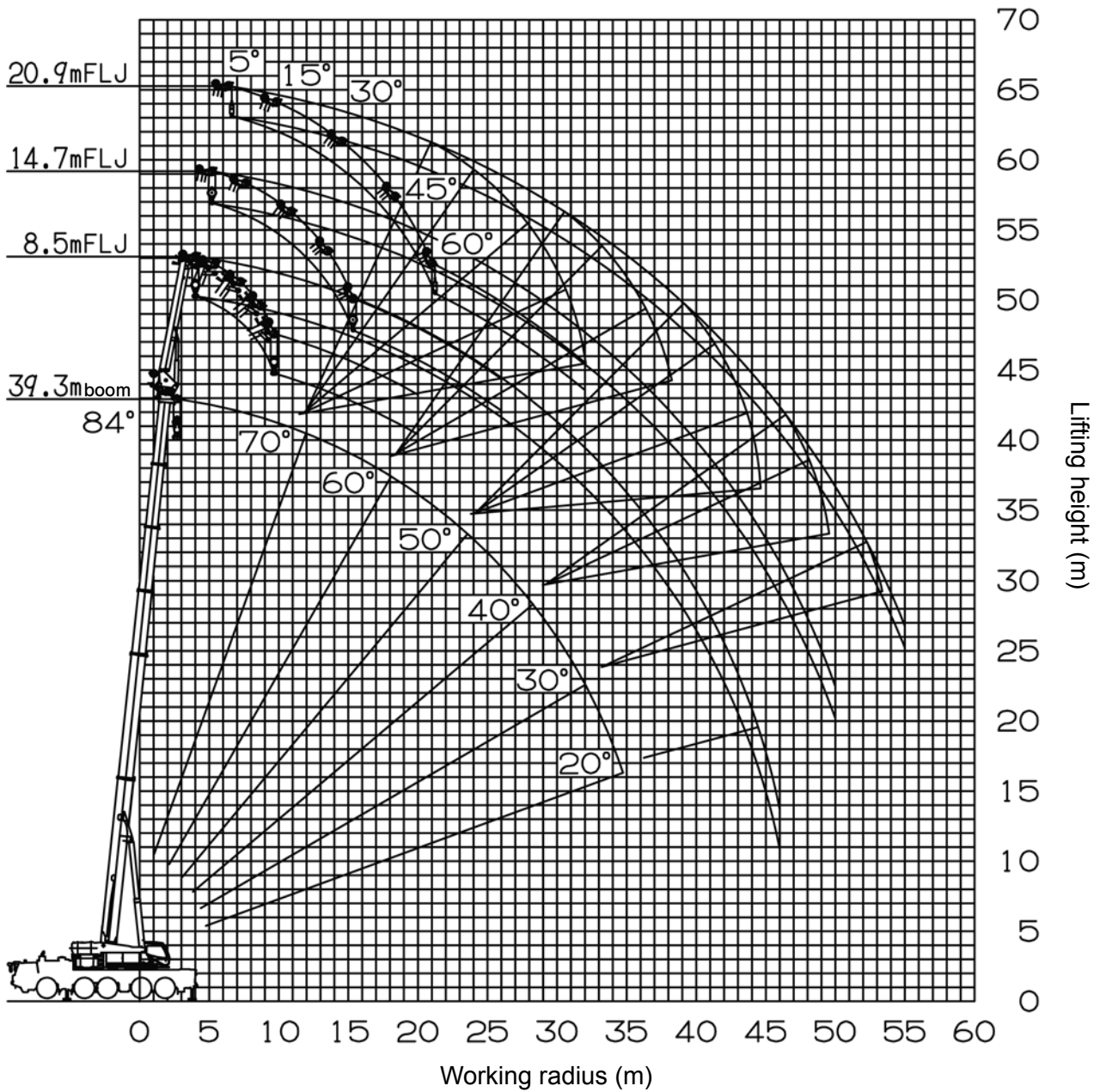
35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib



Note:

1. The deflection of the boom and jib is not incorporated in the figure above.
2. The above figure is maximum load radius for Performance FA.

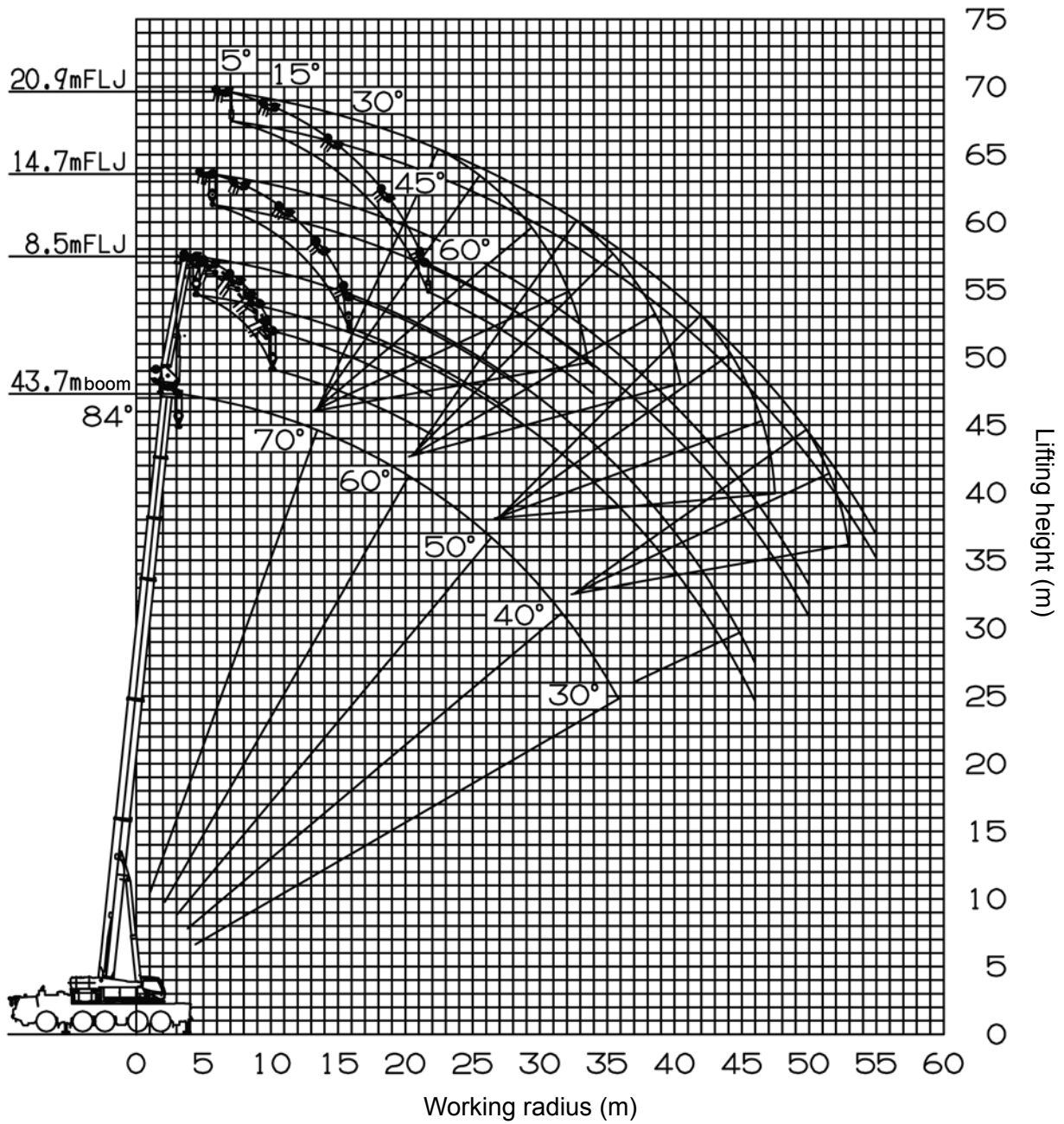
39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib



Note:

1. The deflection of the boom and jib is not incorporated in the figure above.
2. The above figure is maximum load radius for Performance FA.

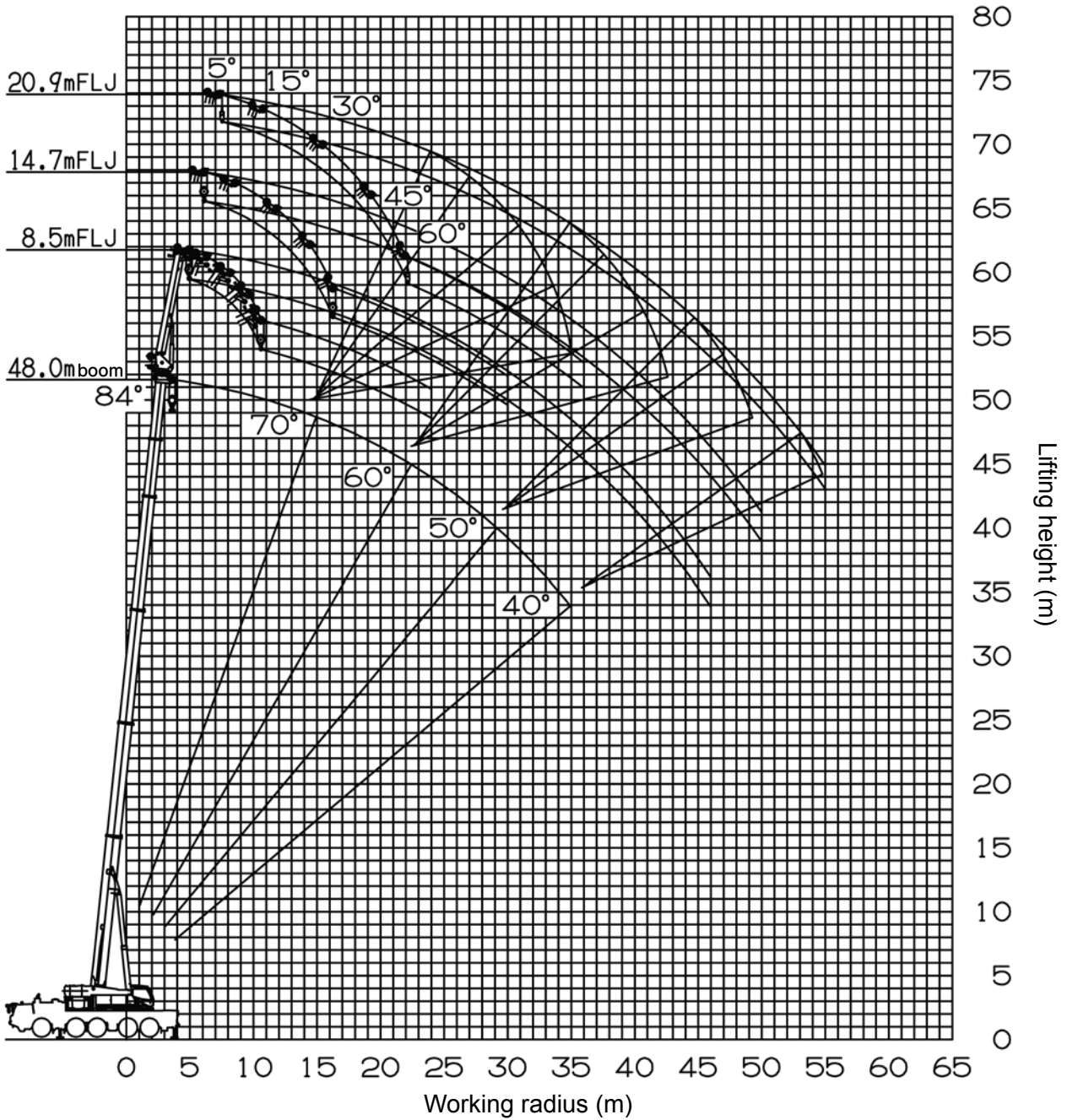
43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib



Note:

1. The deflection of the boom and jib is not incorporated in the figure above.
2. The above figure is maximum load radius for Performance FA.

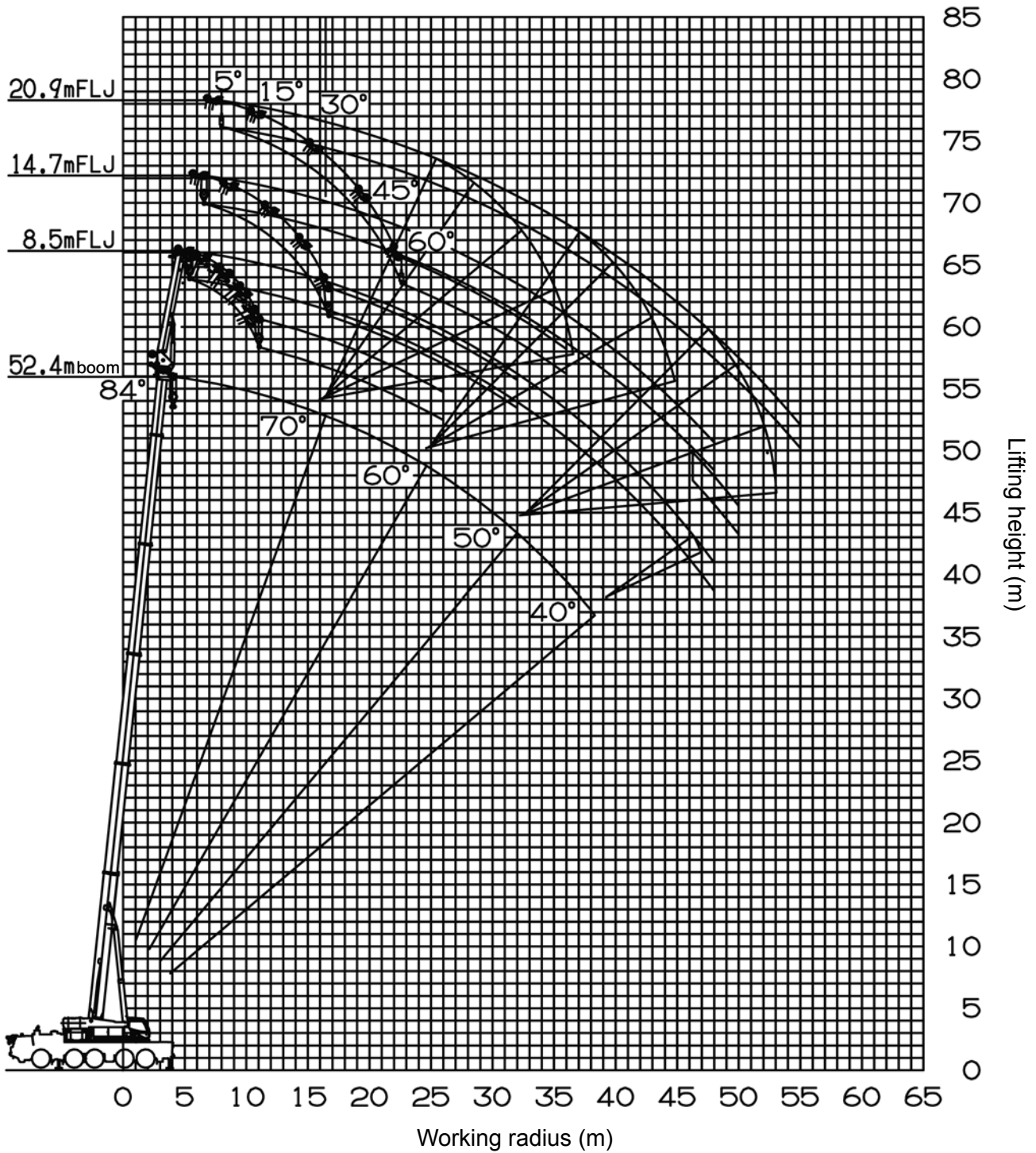
48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib



Note:

1. The deflection of the boom and jib is not incorporated in the figure above.
2. The above figure is maximum load radius for Performance FA.

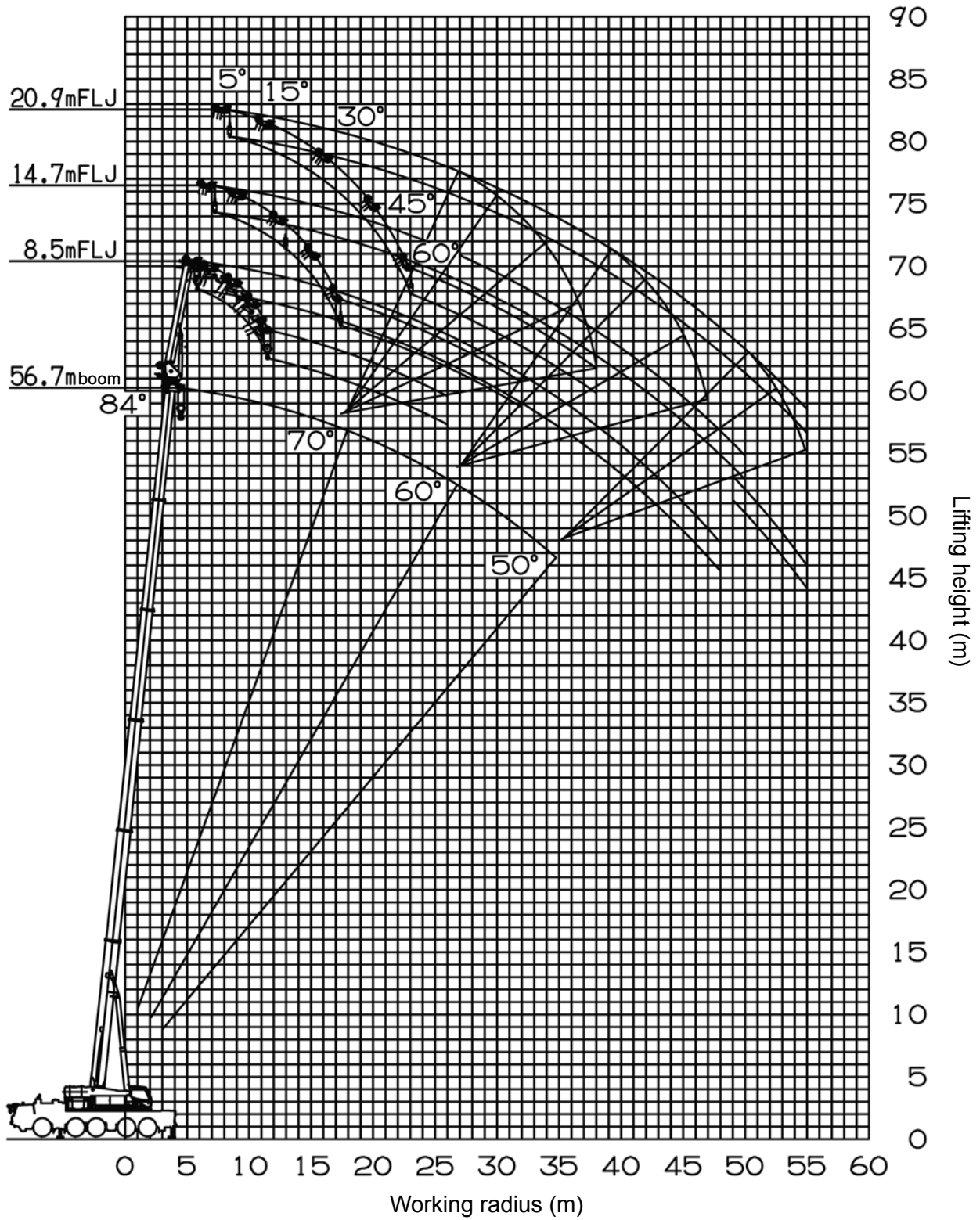
52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib



Note:

1. The deflection of the boom and jib is not incorporated in the figure above.
2. The above figure is maximum load radius for Performance FA.

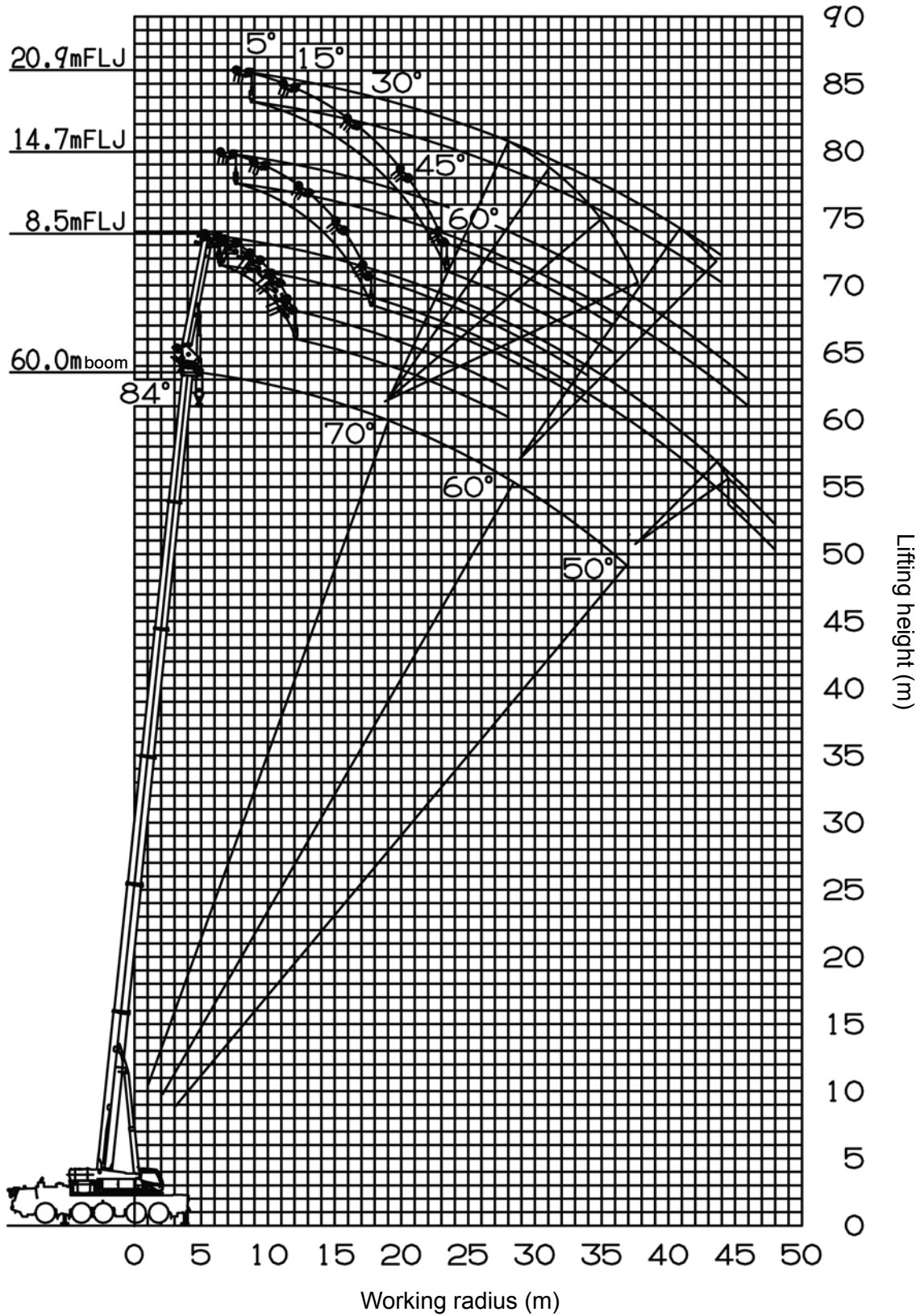
56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib



Note:

1. The deflection of the boom and jib is not incorporated in the figure above.
2. The above figure is maximum load radius for Performance FA.

60.0 m Boom + 1.85 m + Fully Automatic Luffing Jib



Note:

1. The deflection of the boom and jib is not incorporated in the figure above.
2. The above figure is maximum load radius for Performance FA.