

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
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<Reference>

Fully Automatic Luffing Jib	83.0 m
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Max. Working Radius

Boom	56.0 m
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<Reference>

Fully Automatic Luffing Jib	55.0 m
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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

Unit: ton

Performance block	1	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23	
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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	
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	41.4	32.2	26.1	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	41.4	32.1	24.5	33.4	24.5	21.9	26.9	22.3	19.5					
8.0	72.1	70.0	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	41.4	30.1	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	21.0	33.4	22.9	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	19.6	32.3	21.6	20.2	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	18.4	30.3	20.4	19.0	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	17.2	28.3	19.3	17.9	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	15.2	24.6	17.5	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	16.0	14.5	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	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	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	8.0	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	7.3	7.2	6.6	7.1	8.2	6.9	7.1	7.9	7.3	6.5	
38.0																					6.7	6.8	6.2	6.5	7.6	6.4	6.5	7.4	6.6	6.0	
40.0																					6.2	6.5	5.8	5.9	7.1	6.0	6.0	6.9	6.1	5.4	
42.0																								5.4	6.5	5.6	5.5	6.4	5.6	5.0	
44.0																								5.0	5.9	5.2	5.0	6.0	5.1	4.6	
46.0																											4.6	5.7	4.7	4.2	
48.0																											4.2	5.2	4.3	3.9	
50.0																													4.0	3.5	
52.0																													3.7	3.2	
54.0																														2.9	
56.0																														2.6	
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	
Telescoping condition (telescoping rate %)																															
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	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100	
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	100	
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	100	
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	63 t	63 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	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 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	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	5	4	4	4	4	4	4	3	4	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	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23	
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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	
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	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	19.5					
8.0	67.2	67.0	67.1	30.2	66.5	67.6	33.7	20.9	67.0	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	19.5	21.6	17.6			
9.0	59.3	59.3	59.1	28.1	58.6	59.7	30.9	19.2	59.1	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	50.6	52.7	26.4	52.2	53.3	28.6	17.7	52.7	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			46.9	24.9	46.2	47.7	26.6	16.5	47.0	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			40.4	23.6	39.7	41.2	24.8	15.4	40.5	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	18.1	20.9	17.6	17.0	14.0	
14.0			31.2	21.6	30.5	31.9	21.9	13.5	31.2	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	16.4	19.2	16.6	16.4	14.0	
16.0					24.3	25.6	19.7	12.1	25.0	23.3	13.0	23.1	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	14.9	17.6	15.2	15.1	14.0	
18.0					19.8	21.1	17.9	11.0	20.4	21.1	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	13.7	16.3	14.0	14.0	13.0	
20.0									17.0	19.4	10.6	16.4	19.4	8.8	17.2	18.7	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									14.2	17.0	9.7	13.6	16.6	7.9	14.4	16.0	9.4	15.3	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												9.8	14.4	7.2	12.2	13.7	8.6	13.0	13.4	9.3	13.0	10.9	10.3	12.9	12.9	10.8	12.9	11.3	11.4	10.7	
26.0												8.5	12.5	6.7	10.3	11.8	7.9	11.2	12.5	8.5	11.1	10.1	9.6	11.4	12.0	10.1	11.6	10.6	10.8	9.9	
28.0															8.8	10.3	7.3	9.6	10.9	7.7	9.6	9.3	8.9	9.8	10.7	9.5	10.2	9.9	10.1	9.0	
30.0															7.5	9.0	6.8	8.3	9.6	7.1	8.3	8.7	8.3	8.5	9.4	8.8	8.9	9.4	9.3	8.3	
32.0																		7.2	8.5	6.5	7.1	8.1	7.7	7.3	8.2	8.1	7.7	8.7	8.2	7.6	
34.0																		6.2	7.5	6.0	6.2	7.6	7.1	6.4	7.3	7.5	6.7	7.7	7.2	7.0	
36.0																		5.3	6.6	5.6	5.3	7.0	6.6	5.5	6.4	6.9	5.9	6.8	6.3	6.4	
38.0																					4.6	6.2	6.2	4.8	5.6	6.4	5.1	6.1	5.6	5.6	
40.0																					3.9	5.5	5.8	4.1	5.0	5.8	4.5	5.4	4.9	4.9	
42.0																									3.5	4.4	5.2	3.9	4.8	4.3	4.3
44.0																									3.0	3.8	4.6	3.3	4.3	3.8	3.8
46.0																												2.8	3.8	3.3	3.3
48.0																												2.4	3.3	2.8	2.9
50.0																														2.4	2.5
52.0																													2.1	2.1	
54.0																															1.7
56.0																															1.4
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	
Telescoping condition (telescoping rate %)																															
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	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100	
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	100	
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	100	
Standard hook	125 t x 2	125 t	125 t	0	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	63 t	63 t	63 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	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 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	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	5	4	4	4	4	4	3	4	3	3	3	

Note: 36 t counterweight, 8.3 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.

Total Rated Loads

Performance C

6-stage type ESP boom

Unit: ton

Performance block	1	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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
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	128.9	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	114.7	114.0	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	103.2	103.2	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	85.8	85.8	85.6	35.4	85.0	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	73.1	73.1	72.9	32.6	72.3	73.5	36.9	22.9	72.8	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	63.5	63.5	63.3	30.2	62.7	63.8	33.7	20.9	63.2	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	54.3	54.3	54.3	28.1	53.5	55.3	30.9	19.2	54.5	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	44.8	44.8	44.6	26.4	43.9	45.5	28.6	17.7	44.8	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			37.5	24.9	36.8	38.4	26.6	16.5	37.7	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			32.1	23.6	31.5	32.9	24.8	15.4	32.3	29.2	16.7	31.1	33.2	14.4	30.1	34.4	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			24.5	21.6	23.8	25.2	21.9	13.5	24.6	25.9	14.7	23.9	27.3	12.5	24.8	26.5	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					18.4	19.8	19.7	12.1	19.1	22.1	13.0	18.5	21.8	11.0	19.3	21.0	12.8	20.2	19.2	13.6	20.3	16.0	14.5	20.7	17.4	14.9	17.6	15.2	15.1	14.0
18.0					14.7	16.0	17.9	11.0	15.3	18.1	11.7	14.6	17.8	9.8	15.4	17.1	11.4	16.3	17.3	12.3	16.4	14.4	13.2	16.7	16.0	13.7	16.3	14.0	14.0	13.0
20.0									12.4	15.1	10.6	11.8	14.8	8.8	12.5	14.1	10.3	13.4	14.8	11.2	13.4	13.0	12.1	13.7	14.6	12.6	14.2	13.0	13.0	12.2
22.0									10.1	12.9	9.7	9.5	12.5	7.9	10.3	11.8	9.4	11.1	12.5	10.3	11.2	11.9	11.1	11.4	12.3	11.7	11.9	12.1	12.2	11.4
24.0												6.4	10.7	7.2	8.5	10.0	8.6	9.3	10.7	9.3	9.3	10.9	10.3	9.6	10.4	10.8	10.0	11.0	10.4	10.4
26.0												5.4	9.2	6.7	7.0	8.5	7.9	7.8	9.2	8.5	7.8	9.5	9.6	8.0	8.9	9.8	8.4	9.4	8.9	8.9
28.0															5.7	7.2	7.3	6.6	7.9	7.7	6.5	8.2	8.9	6.8	7.7	8.5	7.1	8.2	7.6	7.7
30.0															4.7	6.2	6.8	5.5	6.8	7.1	5.5	7.2	7.8	5.7	6.6	7.4	6.1	7.1	6.5	6.6
32.0																		4.6	5.9	6.5	4.5	6.2	6.8	4.7	5.6	6.5	5.1	6.1	5.6	5.6
34.0																		3.8	5.1	6.0	3.7	5.4	6.0	3.9	4.8	5.7	4.3	5.3	4.8	4.8
36.0																		3.1	4.3	5.4	3.0	4.7	5.3	3.2	4.1	4.9	3.6	4.6	4.1	4.1
38.0																														
40.0																														
42.0																														
44.0																														
46.0																														
48.0																														
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	13-84	0-84	19-84	28-84
Telescoping condition (telescoping rate %)																														
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	93	46	46	93	93	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	100
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	100
Standard hook	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	125 t	63 t	125 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	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	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	1200 kg	600 kg	1200 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	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	5	4	4	4	4	4	3	4	3	3	3

Note: 24 t counterweight, 8.3 m outrigger extension width. * Indicates the value with attachment. * * Indicates the rear limit value.

Total Rated Loads

Performance D

6-stage type ESP boom

Unit: ton

Performance block	1	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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
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	138.5	128.6	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	121.6	118.7	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	108.2	108.2	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	97.3	97.3	97.1	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	80.8	80.8	80.6	35.4	80.0	81.2	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	68.8	68.8	68.6	32.6	68.0	69.2	36.9	22.9	65.5	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	52.7	52.7	52.7	30.2	51.9	53.8	33.7	20.9	53.0	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	19.5	21.6	17.6		
9.0	41.6	41.6	41.5	28.1	40.8	42.5	30.9	19.2	41.7	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	33.9	33.9	33.8	26.4	33.0	34.7	28.6	17.7	34.0	33.4	19.4	33.2	37.3	16.9	34.3	36.4	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			27.7	24.9	26.9	28.6	26.6	16.5	27.9	31.2	18.0	27.1	31.2	15.6	28.2	30.3	17.8	29.3	25.3	18.4	29.5	20.4	19.0	26.0	21.6	18.8	21.2	17.6	17.0	14.0
12.0			23.2	23.6	22.5	24.0	24.8	15.4	23.3	26.8	16.7	22.6	26.5	14.4	23.6	25.6	16.6	24.7	24.0	17.2	24.8	19.3	17.9	25.1	21.0	18.1	20.9	17.6	17.0	14.0
14.0			17.0	19.1	16.2	17.7	20.1	13.5	17.0	20.2	14.7	16.3	19.9	12.5	17.3	19.1	14.5	18.2	20.0	15.2	18.4	17.5	16.1	18.7	19.1	16.4	19.2	16.6	16.4	14.0
16.0					12.1	13.5	15.7	12.1	12.8	15.8	13.0	12.2	15.5	11.0	13.0	14.7	12.8	14.0	15.6	13.6	14.1	16.0	14.5	14.4	15.4	14.9	15.2	15.1	14.0	
18.0					9.3	10.6	12.7	11.0	9.9	12.7	11.7	9.3	12.4	9.8	10.1	11.7	11.4	10.9	12.5	12.3	11.0	12.9	13.2	11.3	12.2	13.2	11.8	12.8	12.3	12.3
20.0									7.7	10.4	10.6	7.1	10.1	8.8	7.8	9.4	10.3	8.7	10.1	11.2	8.7	10.5	11.2	9.0	9.9	10.9	9.5	10.5	9.9	9.9
22.0									6.1	8.7	9.4	5.4	8.3	7.9	6.1	7.6	9.4	6.9	8.4	9.5	7.0	8.7	9.4	7.3	8.1	9.0	7.7	8.7	8.1	8.1
24.0												3.0	6.9	7.2	4.8	6.2	8.2	5.5	6.9	8.0	5.6	7.3	7.9	5.8	6.7	7.6	6.3	7.2	6.7	6.7
26.0												2.2	5.8	6.7	3.7	5.1	7.0	4.4	5.8	6.8	4.4	6.1	6.8	4.7	5.5	6.4	5.1	6.0	5.5	5.5
28.0															2.7	4.2	6.0	3.5	4.8	5.9	3.5	5.1	5.8	3.7	4.6	5.4	4.1	5.0	4.5	4.5
30.0															1.9	3.4	5.2	2.7	4.0	5.0	2.7	4.3	4.9	2.9	3.7	4.6	3.3	4.2	3.7	3.7
32.0																		2.0	3.3	4.3	1.9	3.6	4.2	2.2	3.0	3.9	2.5	3.5	3.0	3.0
34.0																		1.4	2.6	3.7	1.3	3.0	3.6	1.5	2.4	3.2	1.9	2.9	2.4	2.4
36.0																			2.1	3.2		2.4	3.0		1.9	2.7	1.4	2.3	1.8	1.8
38.0																						1.9	2.5		1.4	2.2		1.8	1.3	1.3
40.0																						1.5	2.1			1.7		1.4		
42.0																										1.3				
44.0																										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	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	29-84	0-84	0-84	36-84	24-84	0-84	40-84	29-84	42-84	46-84
Telescoping condition (telescoping rate %)																														
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	93	46	46	93	93	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	100
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	100
Standard hook	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	125 t	63 t	125 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	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	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	1200 kg	600 kg	1200 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	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	5	4	4	4	4	4	3	4	3	3	3

Note: 12 t counterweight, 8.3 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.

Total Rated Loads

Performance E

6-stage type ESP boom

Unit: ton

Performance block	1	1	9	1	9	10	2	1	10	2	1	10	2	1	11	2	1	2	3	1	4	1
Performance numbers	1	1	24	2	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	18	8
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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
Working radius (m)	* *																					
3.0	150.0	140.0	98.4	48.2	86.9	86.9	54.0	37.0	75.0	52.9	40.5											
3.5	129.4	128.1	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	113.6	113.6	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	101.0	101.0	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	90.9	90.9	90.7	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	72.9	72.9	72.8	35.4	71.4	74.6	40.8	25.4	73.1	45.3	28.3	56.5	49.3	25.1	53.5	45.1	26.6	41.4	32.2	26.1	24.5	21.9
7.0	49.9	49.7	49.5	32.6	48.4	51.0	36.9	22.9	49.8	42.1	25.5	48.6	46.0	22.5	48.5	45.1	24.5	41.4	32.1	24.5	24.5	21.9
8.0	36.1	36.0	35.9	30.2	34.8	37.3	33.7	20.9	36.2	39.1	23.1	35.0	40.9	20.3	36.6	39.6	22.7	38.3	30.1	22.7	24.3	21.9
9.0	27.1	27.1	27.0	28.1	26.1	28.2	30.9	19.2	27.3	31.8	21.1	26.3	31.4	18.5	27.7	30.3	21.0	29.2	28.3	21.0	22.9	21.6
10.0	21.3	21.2	21.1	23.9	20.3	22.1	25.1	17.7	21.3	25.3	19.4	20.5	24.9	16.9	21.7	24.0	19.3	22.9	25.1	19.6	21.6	20.2
11.0			16.9	19.5	16.1	17.8	20.6	16.5	17.1	20.8	18.0	16.3	20.4	15.6	17.4	19.5	17.8	18.6	20.5	18.4	20.4	19.0
12.0			13.7	16.2	13.0	14.6	17.2	15.4	13.9	17.4	16.7	13.2	17.0	14.4	14.2	16.2	16.6	15.3	17.2	17.2	17.7	17.9
14.0			9.4	11.6	8.7	10.2	12.5	12.7	9.5	12.7	13.6	8.8	12.3	12.5	9.8	11.5	14.0	10.7	12.5	13.8	12.9	13.7
16.0					5.8	7.2	9.5	9.6	6.6	9.6	10.4	6.0	9.3	10.6	6.8	8.5	10.8	7.7	9.3	10.6	9.8	10.5
18.0					3.7	5.2	7.3	7.4	4.5	7.4	8.2	3.8	7.1	8.4	4.7	6.3	8.5	5.6	7.1	8.4	7.5	8.3
20.0									2.9	5.8	6.5	2.2	5.4	6.7	3.1	4.7	6.8	4.0	5.5	6.7	5.9	6.6
22.0										4.5	5.3		4.2	5.4		3.5	5.5	2.8	4.2	5.3	4.6	5.3
24.0													3.1	4.3		2.5	4.5		3.2	4.3	3.5	4.2
26.0													2.3	3.5			3.6		2.3	3.5	2.7	3.3
28.0																	2.9		1.6	2.7	1.9	2.6
30.0																	2.3			2.1		2.0
32.0																				1.6		
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
θ (°)	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	0-84	39-84	0-84	0-84	47-84	26-84	0-84	49-84	31-84	0-84	37-84	29-84
Telescoping condition (telescoping rate %)																						
Telescoping boom 1	0	0	0	0	46	0	0	0	46	0	0	93	0	0	93	46	0	93	46	0	46	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
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	93
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	93	93
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	93	93
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	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	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

Note: 0 t counterweight, 8.3 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.

Total Rated Loads

Performance F

6-stage type ESP boom

Unit: ton

Performance block	1	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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
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	41.4	32.2	26.1	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	41.4	32.1	24.5	33.4	24.5	21.9	26.9	22.3	19.5				
8.0	72.1	70.0	70.2	30.2	69.9	67.7	33.7	20.9	70.6	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	62.9	62.5	62.5	28.1	61.9	62.2	30.9	19.2	62.6	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	50.6	55.7	26.4	55.4	56.6	28.6	17.7	56.0	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	19.5	21.6	17.6	17.0	14.0
11.0			49.4	24.9	48.7	50.2	26.6	16.5	49.5	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			42.6	23.6	42.0	43.4	24.8	15.4	42.7	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	18.1	20.9	17.6	17.0	14.0
14.0			33.1	21.6	32.4	33.8	21.9	13.5	33.1	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	16.4	19.2	16.6	16.4	14.0
16.0					25.9	27.2	19.7	12.1	26.6	23.3	13.0	23.1	26.6	11.0	22.4	28.4	12.8	22.1	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					21.3	22.6	17.9	11.0	21.9	21.1	11.7	20.3	24.2	9.8	19.6	23.6	11.4	19.4	17.3	12.3	18.7	14.4	13.2	18.3	16.0	13.7	16.3	14.0	14.0	13.0
20.0									18.3	19.4	10.6	17.7	20.6	8.8	17.4	20.0	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									15.6	18.0	9.7	15.0	17.8	7.9	15.5	17.1	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												10.9	15.5	7.2	13.4	14.8	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												9.5	13.7	6.7	11.6	13.0	7.9	12.3	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															10.1	11.4	7.3	10.7	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															8.8	10.1	6.8	9.4	10.7	7.1	9.4	8.7	8.3	9.5	10.3	8.8	9.5	9.4	9.6	8.3
32.0																		8.3	9.6	6.5	8.3	8.1	7.7	8.5	9.3	8.1	8.6	8.8	8.7	7.6
34.0																		7.4	8.6	6.0	7.3	7.6	7.1	7.5	8.3	7.5	7.8	8.4	7.9	7.0
36.0																		6.6	7.8	5.6	6.5	7.2	6.6	6.7	7.4	6.9	7.0	7.9	7.3	6.5
38.0																					5.8	6.8	6.2	5.9	6.7	6.4	6.3	7.1	6.6	6.0
40.0																					5.1	6.5	5.8	5.2	6.0	5.6	6.4	5.9	5.4	
42.0																								4.7	5.4	5.6	5.0	5.8	5.3	5.0
44.0																								4.1	4.9	5.2	4.4	5.2	4.8	4.6
46.0																											3.9	4.8	4.3	4.2
48.0																											3.5	4.3	3.8	3.8
50.0																													3.4	3.4
52.0																													3.0	3.0
54.0																														2.6
56.0																														2.3
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
Telescoping condition (telescoping rate %)																														
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	93	46	46	93	93	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	100
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	100
Standard hook	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	63 t	63 t	63 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	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 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	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	5	4	4	4	4	4	3	4	3	3	3

Note: 50 t counterweight, 7.0 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.

Total Rated Loads

Performance G

6-stage type ESP boom

Unit: ton

Performance block	1	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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
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	7.8	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	7.5	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	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	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	5.0
38.0																				3.5	5.0	5.5	3.6	4.4	5.2	4.0	4.8	4.3	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
44.0																								2.0	3.0	3.7	2.4	3.3	2.8	2.8
46.0																											1.9	2.9	2.4	2.4
48.0																											1.5	2.6	1.9	1.9
50.0																													1.6	1.5
52.0																													1.2	1.2
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 condition (telescoping rate %)																														
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	93	46	46	93	46	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	100
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	100
Standard hook	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	125 t	63 t	125 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	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	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	1200 kg	600 kg	1200 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	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	5	4	4	4	4	4	3	4	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 H

6-stage type ESP boom

Unit: ton

Performance block	1	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23	
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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	
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	128.9	118.9	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	114.7	107.9	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	103.2	98.4	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	85.8	83.1	83.3	35.4	82.8	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	73.1	71.4	71.5	32.6	71.0	72.2	36.9	22.9	71.7	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	63.5	54.7	54.8	30.2	54.0	55.9	33.7	20.9	55.0	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	19.5	21.6	17.6			
9.0	54.3	43.4	43.4	28.1	42.6	44.3	30.9	19.2	43.6	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	44.8	35.6	35.5	26.4	34.8	36.4	28.6	17.7	35.7	33.4	19.4	35.0	37.9	16.9	35.8	38.0	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			29.7	24.9	29.0	30.5	26.6	16.5	29.9	31.2	18.0	29.2	32.9	15.6	30.2	32.1	17.8	31.2	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			25.3	23.6	24.6	26.1	24.8	15.4	25.4	28.7	16.7	24.8	28.3	14.4	25.7	27.5	16.6	26.7	24.0	17.2	26.8	19.3	17.9	25.1	21.0	18.1	20.9	17.6	17.0	14.0	
14.0			19.1	21.1	18.4	19.7	21.9	13.5	19.1	22.1	14.7	18.5	21.8	12.5	19.3	21.0	14.5	20.3	21.4	15.2	20.4	17.5	16.1	20.7	19.1	16.4	19.2	16.6	16.4	14.0	
16.0					14.2	15.4	17.6	12.1	14.8	17.6	13.0	14.2	17.3	11.0	15.0	16.6	12.8	15.9	17.4	13.6	16.0	16.0	14.5	16.3	17.2	14.9	16.8	15.2	15.1	14.0	
18.0					11.1	12.4	14.4	11.0	11.7	14.4	11.7	11.1	14.1	9.8	11.9	13.4	11.4	12.7	14.2	12.3	12.8	14.4	13.2	13.1	14.0	13.7	13.6	14.0	14.0	13.0	
20.0									9.4	12.0	10.6	8.8	11.7	8.8	9.5	11.0	10.3	10.3	11.8	11.2	10.4	12.1	12.1	10.7	11.5	12.4	11.1	12.1	11.5	11.6	
22.0									7.6	10.2	9.7	7.0	9.8	7.9	7.7	9.2	9.4	8.5	9.9	10.3	8.5	10.2	10.9	8.8	9.6	10.5	9.2	10.1	9.6	9.6	
24.0												4.4	8.3	7.2	6.2	7.6	8.6	7.0	8.3	9.3	7.0	8.7	9.3	7.3	8.1	9.0	7.7	8.6	8.1	8.1	
26.0												3.5	7.1	6.7	5.0	6.4	7.9	5.7	7.1	8.1	5.8	7.4	8.0	6.0	6.8	7.7	6.4	7.3	6.8	6.8	
28.0															4.0	5.4	7.2	4.7	6.0	7.1	4.8	6.3	7.0	5.0	5.8	6.6	5.4	6.3	5.8	5.8	
30.0															3.2	4.6	6.4	3.9	5.1	6.2	3.9	5.5	6.1	4.1	4.9	5.7	4.5	5.4	4.9	4.9	
32.0																		3.2	4.4	5.4	3.1	4.7	5.3	3.4	4.1	4.9	3.7	4.6	4.1	4.1	
34.0																		2.6	3.8	4.8	2.5	4.0	4.6	2.7	3.5	4.3	3.1	3.9	3.4	3.5	
36.0																		2.0	3.2	4.2	1.9	3.5	4.0	2.1	2.9	3.7	2.5	3.3	2.9	2.9	
38.0																					1.3	3.0	3.5	1.5	2.4	3.2	2.0	2.8	2.4	2.4	
40.0																						2.6	3.1	1.0	2.0	2.7	1.4	2.4	1.9	1.9	
42.0																									1.5	2.3	1.0	2.0	1.4	1.4	
44.0																									1.1	2.0		1.6	1.0	1.0	
46.0																												1.2			
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	7-84	0-84	0-84	25-84	0-84	0-84	31-84	9-84	34-84	39-84	
Telescoping condition (telescoping rate %)																															
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	93	46	46	93	93	93	93	93	93	100	
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100	
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	100	
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	100	
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	63 t	63 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	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 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	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	5	4	4	4	4	4	3	4	3	3	3	

Note: 24 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	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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
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	138.5	126.2	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	121.6	113.3	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	108.2	102.4	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	97.3	93.0	93.3	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	80.8	77.4	77.8	35.4	76.6	79.0	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	68.8	63.0	63.2	32.6	62.3	64.5	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	52.7	39.5	39.6	30.2	38.8	40.7	33.7	20.9	39.9	39.1	23.1	39.0	43.2	20.3	40.3	42.7	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	41.6	31.0	31.0	28.1	30.2	31.9	30.9	19.2	31.2	35.1	21.1	30.4	34.7	18.5	31.5	33.7	21.0	32.7	28.3	21.0	32.9	22.9	21.6	26.9	22.3	19.5	21.6	17.6	17.0	
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	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
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			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
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
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
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
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
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
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
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
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
32.0																			2.0	3.0		2.3	2.9		1.7	2.5	1.3	2.2	1.7	1.7
34.0																			1.5	2.5		1.8	2.4		1.2	2.0		1.7	1.2	1.2
36.0																			1.1	2.1		1.4	1.9			1.6		1.2		
38.0																						1.0	1.5			1.2				
40.0																							1.2							
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	23-84	0-84	0-84	33-84	0-84	0-84	40-84	14-84	0-84	48-84	37-84	0-84	50-84	40-84	51-84	54-84
Telescoping condition (telescoping rate %)																														
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	93	46	46	93	93	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	100
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	100
Standard hook	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	63 t	63 t	63 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	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 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	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	5	4	4	4	4	4	3	4	3	3	3

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	1	1	9	1	9	10	2	1	10	2	1	10	2	1	11	2	1	2	3	1	4	1
Performance numbers	1	1	24	2	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	18	8
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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
Working radius (m)	* *																					
3.0	150.0	135.3	98.4	48.2	86.9	86.9	54.0	37.0	75.0	52.9	40.5											
3.5	129.4	119.9	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	113.6	107.1	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	101.0	96.4	96.6	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	90.9	87.2	87.4	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	72.9	50.3	50.6	35.4	49.5	52.2	40.8	25.4	51.0	45.3	28.3	49.9	49.3	25.1	51.7	45.1	26.6	41.4	32.2	26.1	24.5	21.9
7.0	49.9	33.7	33.8	32.6	32.9	35.1	36.9	22.9	34.2	39.1	25.5	33.2	38.6	22.5	34.7	37.4	24.5	36.2	32.1	24.5	24.5	21.9
8.0	36.1	24.4	24.5	27.6	23.7	25.6	28.9	20.9	24.8	29.1	23.1	24.0	28.7	20.3	25.2	27.6	22.7	26.5	28.9	22.7	24.3	21.9
9.0	27.1	18.6	18.6	21.4	17.9	19.6	22.5	19.2	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
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
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
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
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
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
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
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
22.0										2.8	3.5		2.5	3.6		1.8	3.7	1.1	2.5	3.6	2.8	3.5
24.0													1.7	2.8		1.0	2.9		1.7	2.7	2.0	2.7
26.0													1.0	2.1			2.2		1.0	2.1	1.3	2.0
28.0																	1.7			1.5		1.4
30.0																	1.2			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
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
Telescoping condition (telescoping rate %)																						
Telescoping boom 1	0	0	0	0	46	0	0	0	46	0	0	93	0	0	93	46	0	93	46	0	46	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
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	93
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	93	93
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	93	93
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	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	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 kg	600 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

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

Unit: ton

Performance block	1	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23	
Boom length (m)	※ 13.2																														
Working radius (m)	※ ※		17.6	17.6	21.9	21.9	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	
3.0	160.0	131.4	98.4	48.2	86.9	86.9	54.0	37.0	75.0	52.9	40.5																				
3.5	149.8	119.7	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	109.8	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	101.3	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	94.0	93.9	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	81.9	78.0	35.4	71.4	73.5	40.8	25.4	67.4	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	64.6	63.0	32.6	57.8	59.8	36.9	22.9	55.3	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	50.7	50.8	30.2	48.2	50.0	33.7	20.9	46.5	39.1	23.1	43.2	43.2	20.3	42.2	44.3	22.7	41.3	30.1	22.7	33.4	24.3	21.9	26.9	22.3	19.5	21.6	17.6			
9.0	59.3	41.3	41.3	28.1	40.6	42.1	30.9	19.2	39.9	36.0	21.1	37.1	40.7	18.5	36.5	38.4	21.0	35.9	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	34.6	34.5	26.4	33.8	35.3	28.6	17.7	34.6	33.4	19.4	32.3	36.2	16.9	31.9	33.9	19.3	31.6	26.7	19.6	30.4	21.6	20.2	26.9	22.3	19.5	21.6	17.6	17.0	14.0	
11.0			29.3	24.9	28.7	30.1	26.6	16.5	29.4	31.2	18.0	28.1	32.0	15.6	28.2	30.1	17.8	28.0	25.3	18.4	27.1	20.4	19.0	26.0	21.6	18.8	21.2	17.6	17.0	14.0	
12.0			25.3	23.6	24.7	26.0	24.8	15.4	25.4	28.4	16.7	24.8	28.1	14.4	25.1	27.0	16.6	25.0	24.0	17.2	24.1	19.3	17.9	23.7	21.0	18.1	20.9	17.6	17.0	14.0	
14.0			19.4	21.3	18.8	20.1	21.9	13.5	19.5	22.3	14.7	18.9	22.0	12.5	19.7	21.3	14.5	20.1	21.4	15.2	19.7	17.5	16.1	19.3	19.1	16.4	19.2	16.6	16.4	14.0	
16.0					14.7	15.9	17.9	12.1	15.3	18.0	13.0	14.8	17.7	11.0	15.5	17.1	12.8	16.4	17.8	13.6	16.4	16.0	14.5	16.1	17.2	14.9	17.2	15.2	15.1	14.0	
18.0					11.8	13.0	14.9	11.0	12.3	14.9	11.7	11.8	14.6	9.8	12.5	14.0	11.4	13.3	14.7	12.3	13.4	14.4	13.2	13.6	14.5	13.7	14.1	14.0	13.8	13.0	
20.0									10.0	12.6	10.6	9.5	12.3	8.8	10.2	11.6	10.3	10.9	12.3	11.2	11.0	12.7	12.1	11.3	12.1	12.6	11.7	12.6	11.9	11.7	
22.0									8.2	10.7	9.7	7.6	10.4	7.9	8.3	9.7	9.4	9.1	10.4	10.3	9.1	10.7	11.1	9.4	10.2	11.0	9.8	10.7	10.1	10.2	
24.0												5.0	8.9	7.2	6.8	8.2	8.6	7.6	8.9	9.3	7.6	9.2	9.8	7.9	8.7	9.5	8.3	9.1	8.5	8.7	
26.0												4.1	7.7	6.7	5.6	7.0	7.9	6.3	7.6	8.5	6.4	7.9	8.5	6.6	7.4	8.2	6.9	7.9	7.2	7.4	
28.0															4.5	5.9	7.3	5.3	6.5	7.6	5.3	6.9	7.5	5.5	6.3	7.1	5.8	6.8	6.1	6.3	
30.0															3.6	5.0	6.8	4.4	5.6	6.6	4.3	6.0	6.5	4.5	5.4	6.2	4.9	5.9	5.1	5.4	
32.0																		3.6	4.8	5.9	3.5	5.2	5.7	3.7	4.6	5.4	4.1	5.0	4.3	4.6	
34.0																		2.9	4.1	5.2	2.8	4.4	5.0	3.0	3.9	4.7	3.4	4.3	3.6	3.9	
36.0																		2.2	3.5	4.5	2.2	3.8	4.4	2.4	3.3	4.0	2.8	3.7	2.9	3.2	
38.0																					1.7	3.3	3.8	1.9	2.7	3.5	2.2	3.1	2.4	2.7	
40.0																						2.8	3.3		2.2	3.0	1.7	2.6	1.9	2.2	
42.0																									1.8	2.5	1.3	2.2	1.4	1.8	
44.0																									1.4	2.1		1.8		1.4	
46.0																												1.4			
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	27-84	0-84	32-84	36-84	
Telescoping condition (telescoping rate %)																															
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	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	93	100
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	93	100
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	93	100
Standard hook	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	63 t	63 t	63 t	63 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	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 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	600 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	5	4	4	4	4	4	4	3	4	3	3	3

Note: 36 t counterweight, 5.6 m outrigger extension width. * Indicates the value with attachment. * * Indicates the rear limit value.

Total Rated Loads

Performance L

6-stage type ESP boom

Unit: ton

Performance block	1	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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
Working radius (m)	* *																													
3.0	160.0	128.5	98.4	48.2	86.9	86.9	54.0	37.0	75.0	52.9	40.5																			
3.5	149.8	117.3	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	128.9	107.6	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	114.7	99.3	94.5	40.8	83.7	86.0	46.4	30.2	75.0	51.1	33.9	62.5	49.6	30.1	55.1	45.1	30.5													
5.0	103.2	90.4	80.5	38.8	81.9	74.2	44.4	28.4	67.0	49.0	31.8	60.0	49.6	28.5	55.1	45.1	29.1													
6.0	85.8	67.7	61.4	35.4	55.5	57.6	40.8	25.4	52.5	45.3	28.3	48.0	49.3	25.1	46.2	45.1	26.6	41.4	32.2	26.1	33.4	24.5	21.9							
7.0	73.1	49.9	49.1	32.6	44.7	46.6	36.9	22.9	42.5	42.1	25.5	39.4	43.7	22.5	38.2	40.4	24.5	37.4	32.1	24.5	33.4	24.5	21.9	26.9	22.3	19.5				
8.0	63.5	38.8	38.9	30.2	36.9	38.8	33.7	20.9	35.7	39.1	23.1	32.9	37.0	20.3	32.3	34.4	22.7	31.8	30.1	22.7	30.3	24.3	21.9	26.9	22.3	19.5	21.6	17.6		
9.0	54.3	31.3	31.3	28.1	30.6	32.2	30.9	19.2	30.2	34.1	21.1	27.7	32.0	18.5	27.6	29.5	21.0	27.2	28.3	21.0	26.3	22.9	21.6	25.4	22.3	19.5	21.6	17.6	17.0	
10.0	44.8	26.0	25.9	26.4	25.2	26.7	28.6	17.7	26.0	29.3	19.4	24.1	27.8	16.9	24.0	26.0	19.3	24.0	25.7	19.6	23.0	21.6	20.2	22.3	22.3	19.5	21.6	17.6	17.0	14.0
11.0			21.8	23.9	21.1	22.5	24.9	16.5	21.9	25.0	18.0	21.0	24.7	15.6	21.0	22.9	17.8	21.2	22.8	18.4	20.3	20.4	19.0	19.8	20.9	18.8	19.5	17.6	17.0	14.0
12.0			18.5	20.6	17.9	19.3	21.5	15.4	18.7	21.6	16.7	18.1	21.3	14.4	18.5	20.3	16.6	18.7	20.4	17.2	18.0	19.3	17.9	17.6	18.7	18.1	17.5	17.6	17.0	14.0
14.0			13.9	15.8	13.3	14.5	16.6	13.5	13.9	16.7	14.7	13.4	16.5	12.5	14.2	15.7	14.5	15.0	16.5	15.2	14.3	16.3	16.1	14.1	15.1	16.3	14.1	15.2	14.2	14.0
16.0					10.0	11.3	13.3	12.1	10.7	13.3	13.0	10.1	13.1	11.0	10.9	12.4	12.8	11.7	13.1	13.6	11.7	13.5	14.2	11.5	12.6	13.5	11.6	12.8	11.8	11.5
18.0					7.7	8.9	10.8	10.9	8.3	10.8	11.6	7.7	10.6	9.8	8.4	9.9	11.4	9.2	10.6	11.7	9.3	11.0	11.7	9.5	10.4	11.3	9.6	10.7	9.8	9.6
20.0									6.4	9.0	9.7	5.9	8.7	8.8	6.6	8.0	9.9	7.3	8.7	9.8	7.4	9.1	9.7	7.7	8.5	9.3	8.0	9.0	8.3	8.1
22.0									5.0	7.5	8.2	4.4	7.2	7.9	5.1	6.5	8.4	5.8	7.2	8.2	5.9	7.5	8.2	6.2	7.0	7.8	6.6	7.5	7.0	6.8
24.0												2.3	6.0	7.0	3.9	5.3	7.1	4.6	5.9	7.0	4.7	6.3	6.9	4.9	5.7	6.6	5.3	6.2	5.7	5.7
26.0												1.6	5.0	6.0	3.0	4.3	6.1	3.7	4.9	6.0	3.7	5.3	5.9	3.9	4.7	5.5	4.3	5.2	4.6	4.7
28.0															2.1	3.5	5.3	2.8	4.1	5.1	2.9	4.4	5.0	3.1	3.9	4.7	3.5	4.3	3.7	3.9
30.0																2.8	4.6	2.1	3.4	4.4	2.1	3.7	4.3	2.3	3.1	3.9	2.7	3.6	2.9	3.1
32.0																		1.5	2.8	3.7	1.5	3.1	3.6	1.7	2.5	3.3	2.0	3.0	2.2	2.5
34.0																			2.2	3.2		2.5	3.1		2.0	2.7	1.5	2.4	1.7	1.9
36.0																			1.7	2.7		2.0	2.6		1.5	2.2		1.9		1.4
38.0																						1.5	2.1			1.8		1.4		
40.0																							1.7			1.4				
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	10-84	0-84	0-84	20-84	0-84	0-84	33-84	0-84	0-84	40-84	30-84	14-84	43-84	34-84	46-84	50-84
Telescoping condition (telescoping rate %)																														
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	93	46	46	93	93	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	100
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	100
Standard hook	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	63 t	63 t	63 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	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 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	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	5	4	4	4	4	4	3	4	3	3	3

Note: 24 t counterweight, 5.6 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.

Total Rated Loads

Performance M

6-stage type ESP boom

Unit: ton

Performance block	1	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23	
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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	
Working radius (m)	*	*																													
3.0	160.0	131.1	98.4	48.2	86.9	86.9	54.0	37.0	75.0	52.9	40.5																				
3.5	138.5	116.0	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	121.6	103.4	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	108.2	93.0	93.2	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	97.3	74.4	74.8	38.8	73.7	76.3	44.4	28.4	75.0	49.0	31.8	62.5	49.6	28.5	55.1	45.1	29.1														
6.0	80.8	48.6	48.9	35.4	48.0	50.1	40.8	25.4	49.2	45.3	28.3	48.3	49.3	25.1	49.7	45.1	26.6	41.4	32.2	26.1	33.4	24.5	21.9								
7.0	68.8	35.2	35.3	32.6	34.5	36.4	36.9	22.9	35.6	39.7	25.5	34.8	39.3	22.5	36.0	38.3	24.5	37.3	32.1	24.5	33.4	24.5	21.9	26.9	22.3	19.5					
8.0	52.7	26.9	27.0	29.7	26.3	27.9	30.8	20.9	27.2	30.9	23.1	26.5	30.6	20.3	27.6	29.7	22.7	28.7	30.1	22.7	28.9	24.3	21.9	26.9	22.3	19.5	21.6	17.6			
9.0	41.6	21.4	21.3	23.8	20.7	22.2	24.8	19.2	21.5	25.0	21.1	20.9	24.7	18.5	21.9	23.8	21.0	22.9	24.8	21.0	23.1	22.9	21.6	23.4	22.3	19.5	21.6	17.6	17.0		
10.0	33.9	17.4	17.3	19.6	16.6	18.1	20.6	17.7	17.4	20.7	19.4	16.8	20.4	16.9	17.7	19.6	19.3	18.7	20.5	19.6	18.9	21.0	20.2	19.2	20.3	19.5	19.8	17.6	17.0	14.0	
11.0			14.2	16.4	13.6	15.0	17.3	16.5	14.4	17.5	18.0	13.7	17.2	15.6	14.6	16.4	17.8	15.6	17.3	18.4	15.7	17.7	18.5	16.0	17.0	18.1	16.6	17.6	17.0	14.0	
12.0			11.8	13.9	11.2	12.5	14.8	15.0	11.9	14.9	15.8	11.3	14.6	14.4	12.2	13.9	16.2	13.1	14.7	16.0	13.2	15.2	16.0	13.6	14.5	15.5	14.1	15.1	14.5	14.0	
14.0			8.4	10.3	7.7	9.0	11.1	11.3	8.4	11.2	12.1	7.8	10.9	12.2	8.6	10.2	12.4	9.5	11.0	12.2	9.6	11.4	12.2	9.9	10.8	11.8	10.4	11.4	10.8	10.8	
16.0					5.4	6.6	8.6	8.7	6.0	8.7	9.4	5.4	8.4	9.6	6.2	7.7	9.7	7.0	8.4	9.6	7.1	8.8	9.5	7.4	8.2	9.2	7.8	8.8	8.3	8.3	
18.0					3.6	4.8	6.7	6.8	4.2	6.8	7.5	3.6	6.5	7.7	4.4	5.8	7.8	5.1	6.6	7.7	5.2	6.9	7.6	5.5	6.3	7.2	5.9	6.9	6.4	6.4	
20.0									2.8	5.4	6.1	2.3	5.1	6.2	3.0	4.4	6.3	3.7	5.1	6.2	3.8	5.5	6.1	4.1	4.9	5.8	4.5	5.4	4.9	4.9	
22.0									1.8	4.3	5.0	1.2	3.9	5.1	1.9	3.3	5.2	2.6	4.0	5.0	2.7	4.3	4.9	2.9	3.7	4.6	3.3	4.2	3.7	3.8	
24.0													3.0	4.1	1.0	2.4	4.2	1.7	3.0	4.1	1.8	3.4	4.0	2.0	2.8	3.6	2.4	3.3	2.8	2.8	
26.0													2.3	3.4		1.6	3.4	1.0	2.3	3.3	1.0	2.6	3.2	1.3	2.0	2.9	1.7	2.5	2.0	2.0	
28.0																1.0	2.8		1.6	2.6		1.9	2.5		1.4	2.2	1.0	1.9	1.4	1.4	
30.0																	2.3		1.1	2.1		1.4	2.0			1.6		1.3			
32.0																				1.6			1.5			1.2					
34.0																				1.2			1.1								
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	37-84	0-84	0-84	42-84	25-84	0-84	45-84	30-84	0-84	50-84	36-84	28-84	54-84	50-84	41-84	56-84	52-84	58-84	60-84	
Telescoping condition (telescoping rate %)																															
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	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	93	100
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	93	100
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	93	100
Standard hook	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	63 t	63 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	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	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	13	13	9	7	11	9	7	9	8	6	8	7	5	7	5	4	5	4	4	4	4	4	3	4	3	3	3	3

Note: 12 t counterweight, 5.6 m outrigger extension width. * Indicates the value with attachment. * * Indicates the rear limit value.

Total Rated Loads

Performance N

6-stage type ESP boom

Unit: ton

Performance block	1	9	1	9	10	2	1	10	2	1	1
Performance numbers	1	24	2	25	26	12	3	27	13	4	5
Boom length (m)	* 13.2	17.6	17.6	21.9	21.9	21.9	21.9	26.3	26.3	26.3	30.6
Working radius (m)											
3.0	113.0	89.4	48.2	71.9	75.2	54.0	37.0	62.3	52.9	40.5	
3.5	80.7	66.9	45.4	55.2	58.3	51.2	34.4	49.4	52.9	38.5	33.7
4.0	61.5	52.2	43.0	44.4	47.1	48.7	32.2	40.4	45.8	36.3	31.8
4.5	49.0	42.6	40.8	36.6	39.1	43.0	30.2	34.1	39.0	33.9	30.1
5.0	40.0	35.5	38.8	30.9	33.1	36.7	28.4	28.9	33.7	31.8	28.5
6.0	29.0	26.0	29.1	22.6	24.8	28.0	25.4	21.4	26.0	27.2	25.1
7.0	20.6	19.8	22.7	17.0	19.2	22.1	22.4	16.9	20.9	22.0	20.7
8.0	15.1	15.2	17.8	13.5	15.1	18.1	18.2	13.3	17.1	18.2	17.4
9.0	11.5	11.5	13.9	10.5	12.2	14.9	15.1	10.5	14.2	15.2	14.6
10.0	8.9	8.8	11.0	8.1	9.6	12.0	12.3	8.5	12.0	13.0	12.5
11.0		6.7	8.9	6.1	7.5	9.8	10.0	6.9	10.0	10.9	10.8
12.0		5.2	7.2	4.5	5.9	8.1	8.3	5.3	8.3	9.1	9.3
14.0		2.9	4.8	2.3	3.5	5.6	5.8	2.9	5.7	6.6	6.8
16.0					1.9	3.9	4.1		4.0	4.8	5.0
18.0						2.7	2.8		2.7	3.5	3.6
20.0									1.8	2.5	2.6
22.0									1.1	1.7	1.8
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	28.0
θ (°)	0-84	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	0	46	0	0	0	46	0	0	0
Telescoping boom 2	0	46	0	46	46	0	0	46	0	0	0
Telescoping boom 3	0	0	0	0	46	0	0	46	46	0	0
Telescoping boom 4	0	0	0	0	0	46	0	0	46	46	93
Telescoping boom 5	0	0	46	0	0	46	93	0	46	93	93
Standard hook	125 t x 2	125 t	125 t	125 t	125 t	125 t	63 t	125 t	125 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	1200 kg	1200 kg	600 kg	600 kg
Standard number of part lines	28	15	9	13	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

Unit: ton

Performance block	1	1	9	1	9	10	2	1	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	25	26	12	3	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	21	9	22	10	11	23
Boom length (m)	* 13.2		17.6	17.6	21.9	21.9	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
Working radius (m)	* *																													
3.0	160.0	121.3	98.4	48.2	86.9	86.9	54.0	37.0	75.0	52.9	40.5																			
3.5	138.5	106.6	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	121.6	85.1	85.7	43.0	84.4	86.9	48.7	32.2	75.0	52.9	36.3	62.5	49.6	31.8																
4.5	108.2	63.9	64.3	40.8	63.3	65.7	46.4	30.2	64.7	51.1	33.9	62.5	49.6	30.1	55.1	45.1	30.5													
5.0	97.3	50.6	50.9	38.8	50.0	52.2	44.4	28.4	51.2	49.0	31.8	50.3	49.6	28.5	51.7	45.1	29.1													
6.0	80.8	34.7	35.0	35.4	34.2	36.0	39.2	25.4	35.2	39.4	28.3	34.5	39.0	25.1	35.6	38.0	26.6	36.9	32.2	26.1	33.4	24.5	21.9							
7.0	68.8	25.7	25.8	28.5	25.1	26.7	29.6	22.9	26.0	29.7	25.5	25.3	29.4	22.5	26.4	28.5	24.5	27.5	29.5	24.5	27.7	24.5	21.9	26.9	22.3	19.5				
8.0	52.7	19.8	19.9	22.3	19.2	20.7	23.3	20.9	20.1	23.5	23.1	19.4	23.1	20.3	20.4	22.3	22.7	21.4	23.3	22.7	21.6	23.8	21.9	22.0	22.3	19.5	21.6	17.6		
9.0	41.6	15.7	15.7	18.0	15.1	16.5	18.9	19.2	15.9	19.1	20.0	15.3	18.8	18.5	16.2	18.0	20.4	17.2	18.9	20.3	17.3	19.4	20.2	17.7	18.7	19.5	18.2	17.6	17.0	
10.0	33.9	12.8	12.6	14.8	12.0	13.4	15.7	15.9	12.8	15.8	16.7	12.2	15.5	16.9	13.1	14.8	17.1	14.0	15.7	17.0	14.1	16.1	16.9	14.5	15.4	16.5	15.0	16.1	15.5	14.0
11.0			10.3	12.3	9.7	11.0	13.2	13.4	10.4	13.3	14.2	9.8	13.1	14.4	10.7	12.3	14.6	11.6	13.2	14.4	11.7	13.6	14.4	12.0	13.0	14.0	12.5	13.5	13.0	13.0
12.0			8.4	10.4	7.8	9.1	11.2	11.4	8.5	11.4	12.2	8.0	11.1	12.4	8.8	10.4	12.5	9.6	11.2	12.4	9.8	11.6	12.3	10.1	11.0	11.9	10.6	11.5	11.0	11.0
14.0			5.7	7.5	5.1	6.3	8.3	8.5	5.7	8.4	9.2	5.2	8.2	9.4	6.0	7.5	9.5	6.8	8.2	9.4	6.4	8.6	9.3	7.2	8.0	9.0	7.6	8.6	8.1	8.1
16.0					3.2	4.4	6.3	6.4	3.8	6.4	7.1	3.2	6.1	7.3	4.0	5.4	7.4	4.8	6.2	7.3	4.8	6.5	7.2	5.1	6.0	6.9	5.6	6.5	6.0	6.0
18.0					1.8	2.9	4.8	4.9	2.3	4.8	5.6	1.8	4.6	5.7	2.5	3.9	5.8	3.3	4.6	5.7	3.3	5.0	5.6	3.6	4.4	5.3	4.0	4.9	4.4	4.4
20.0									1.2	3.7	4.4		3.4	4.5	1.4	2.7	4.6	2.1	3.4	4.5	2.2	3.8	4.4	2.4	3.2	4.1	2.8	3.7	3.2	3.2
22.0										2.8	3.5		2.5	3.5		1.8	3.6	1.2	2.5	3.5	1.2	2.8	3.4	1.5	2.3	3.1	1.9	2.8	2.3	2.3
24.0													1.7	2.8		1.1	2.9		1.7	2.7		2.0	2.6		1.5	2.3	1.1	2.0	1.5	1.5
26.0													1.1	2.2			2.2		1.1	2.1		1.4	2.0			1.7		1.3		
28.0																	1.7			1.5			1.4			1.1				
30.0																	1.3			1.1			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	31.0	24.5	22.4	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	27-84	0-84	0-84	49-84	0-84	0-84	52-84	42-84	0-84	53-84	41-84	29-84	57-84	47-84	40-84	61-84	57-84	51-84	61-84	58-84	63-84	63-84
Telescoping condition (telescoping rate %)																														
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	93	46	46	93	93	93	93	93	93	100
Telescoping boom 3	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100
Telescoping boom 4	0	0	0	0	0	0	46	0	0	46	46	0	46	93	46	46	93	46	46	93	46	93	93	46	93	93	93	93	93	100
Telescoping boom 5	0	0	0	46	0	0	46	93	0	46	93	0	46	93	0	46	93	46	93	93	46	93	93	46	46	93	46	93	93	100
Standard hook	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	63 t	63 t	63 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	1200 kg	1200 kg	600 kg	1200 kg	1200 kg	600 kg	1200 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	600 kg	600 kg	600 kg
Standard number of part lines	28	15	9	13	13	9	7	11	9	7	8	6	8	5	7	5	4	5	4	4	4	4	4	4	4	3	4	3	3	3

Note: 12 t counterweight, 4.6 m outrigger extension width. * Indicates the value with attachment. ** Indicates the rear limit value.

Total Rated Loads

Performance P

6-stage type ESP boom

Unit: ton

Performance block	1	9	1	9	10	2	1	10	2	1	1
Performance numbers	1	24	2	25	26	12	3	27	13	4	5
Boom length (m)	* 13.2	17.6	17.6	21.9	21.9	21.9	21.9	26.3	26.3	26.3	30.6
Working radius (m)											
3.0	112.8	89.4	48.2	71.9	75.2	54.0	37.0	62.3	52.9	40.5	
3.5	77.0	66.9	45.4	55.2	58.3	51.2	34.4	49.4	52.9	38.5	33.7
4.0	52.0	52.2	43.0	44.4	47.1	48.7	32.2	40.4	45.8	36.3	31.8
4.5	38.3	38.6	40.8	36.6	39.1	43.0	30.2	34.1	39.0	33.9	30.1
5.0	29.7	30.0	33.5	29.1	31.2	35.0	28.4	28.9	33.7	31.8	28.5
6.0	19.5	19.7	22.6	18.9	20.7	23.9	24.2	20.0	24.1	25.3	25.1
7.0	13.6	13.8	16.4	13.1	14.7	17.5	17.8	14.0	17.7	18.8	19.0
8.0	9.9	9.9	12.3	9.3	10.8	13.4	13.6	10.2	13.5	14.5	14.8
9.0	7.3	7.3	9.5	6.7	8.1	10.5	10.7	7.4	10.6	11.6	11.8
10.0	5.4	5.3	7.4	4.7	6.0	8.3	8.5	5.5	8.5	9.4	9.6
11.0		3.8	5.8	3.2	4.5	6.7	6.9	3.9	6.8	7.7	7.9
12.0		2.6	4.5	2.0	3.3	5.4	5.6	2.7	5.5	6.4	6.6
14.0			2.7		1.5	3.5	3.6		3.6	4.4	4.6
16.0						2.1	2.3		2.2	3.0	3.1
18.0						1.2	1.3		1.2	1.9	2.1
20.0										1.2	1.3
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	28.0
θ (°)	0-84	0-84	0-84	49-84	38-84	0-84	0-84	57-84	34-84	24-84	36-84
Telescoping condition (telescoping rate %)											
Telescoping boom 1	0	0	0	46	0	0	0	46	0	0	0
Telescoping boom 2	0	46	0	46	46	0	0	46	0	0	0
Telescoping boom 3	0	0	0	0	46	0	0	46	46	0	0
Telescoping boom 4	0	0	0	0	0	46	0	0	46	46	93
Telescoping boom 5	0	0	46	0	0	46	93	0	46	93	93
Standard hook	125 t x 2	125 t	125 t	125 t	125 t	125 t	63 t	125 t	125 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	1200 kg	1200 kg	600 kg	600 kg
Standard number of part lines	28	15	9	13	13	9	7	11	9	7	6

Note: 0 t counterweight, 4.6 m outrigger extension width. * Indicates the value with attachment.

Total Rated Loads

Performance Q

6-stage type ESP boom

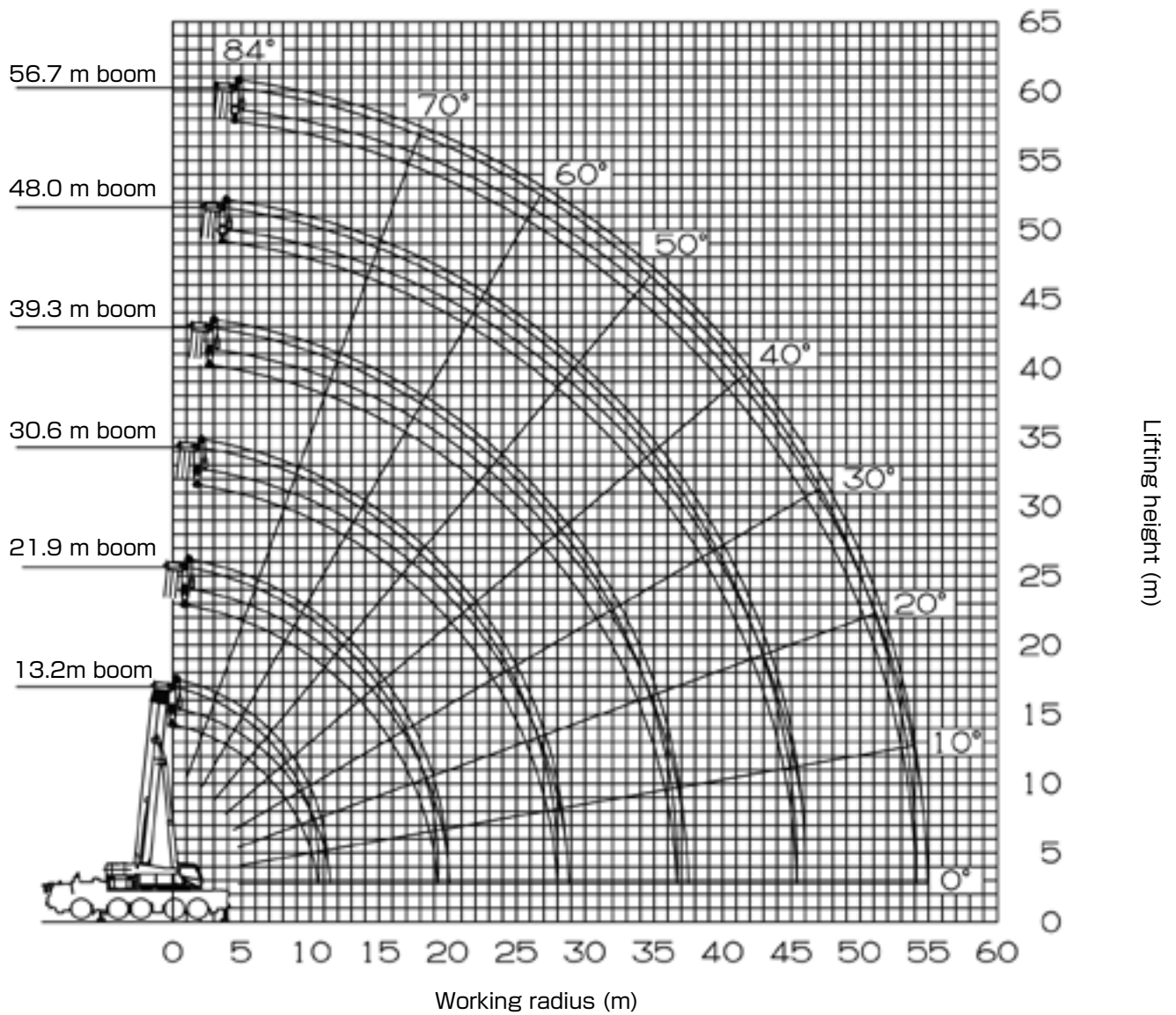
Unit: ton

Performance block	1	9	1	9	10	2	1	10	2	1	1
Performance numbers	1	24	2	25	26	12	3	27	13	4	5
Boom length (m)	13.2	17.6	17.6	21.9	21.9	21.9	21.9	26.3	26.3	26.3	30.6
Working radius (m)											
3.0	33.7	34.1	38.1	33.1	35.5	39.8	37.0	34.5	40.1	40.5	
3.5	23.8	24.2	27.6	23.3	25.4	29.0	29.4	24.5	29.3	30.7	31.1
4.0	17.7	18.0	21.1	17.3	19.1	22.4	22.7	18.3	22.6	23.8	24.2
4.5	13.6	13.9	16.6	13.1	14.8	17.8	18.1	14.1	18.0	19.2	19.5
5.0	10.6	10.8	13.4	10.2	11.8	14.5	14.8	11.1	14.7	15.8	16.1
6.0	6.6	6.7	9.1	6.1	7.6	10.1	10.3	7.0	10.2	11.2	11.5
7.0	4.0	4.1	6.3	3.5	4.9	7.2	7.4	4.3	7.4	8.3	8.5
8.0	2.2	2.3	4.3	1.7	3.0	5.2	5.4	2.4	5.3	6.2	6.4
9.0			2.9		1.6	3.7	3.9	1.1	3.9	4.7	4.9
10.0			1.8			2.6	2.8		2.7	3.5	3.7
11.0						1.7	1.9		1.8	2.6	2.8
12.0						1.0	1.2		1.1	1.9	2.1
14.0											
16.0											
18.0											
20.0											
The maximum load without a pin	33.7	34.1	38.1	33.1	35.5	39.8	26.0	34.5	39.0	40.5	28.0
θ (°)	32-84	53-84	40-84	63-84	60-84	50-84	48-84	66-84	58-84	52-84	56-84
Telescoping condition (telescoping rate %)											
Telescoping boom 1	0	0	0	46	0	0	0	46	0	0	0
Telescoping boom 2	0	46	0	46	46	0	0	46	0	0	0
Telescoping boom 3	0	0	0	0	46	0	0	46	46	0	0
Telescoping boom 4	0	0	0	0	0	46	0	0	46	46	93
Telescoping boom 5	0	0	46	0	0	46	93	0	46	93	93
Standard hook	63 t										63 t
The weight of the hooks	600 kg										600 kg
Standard number of part lines	7										6

Note: 0 t counterweight, 2.74 m outrigger extension width.

3. Working Radius - Lifting Height

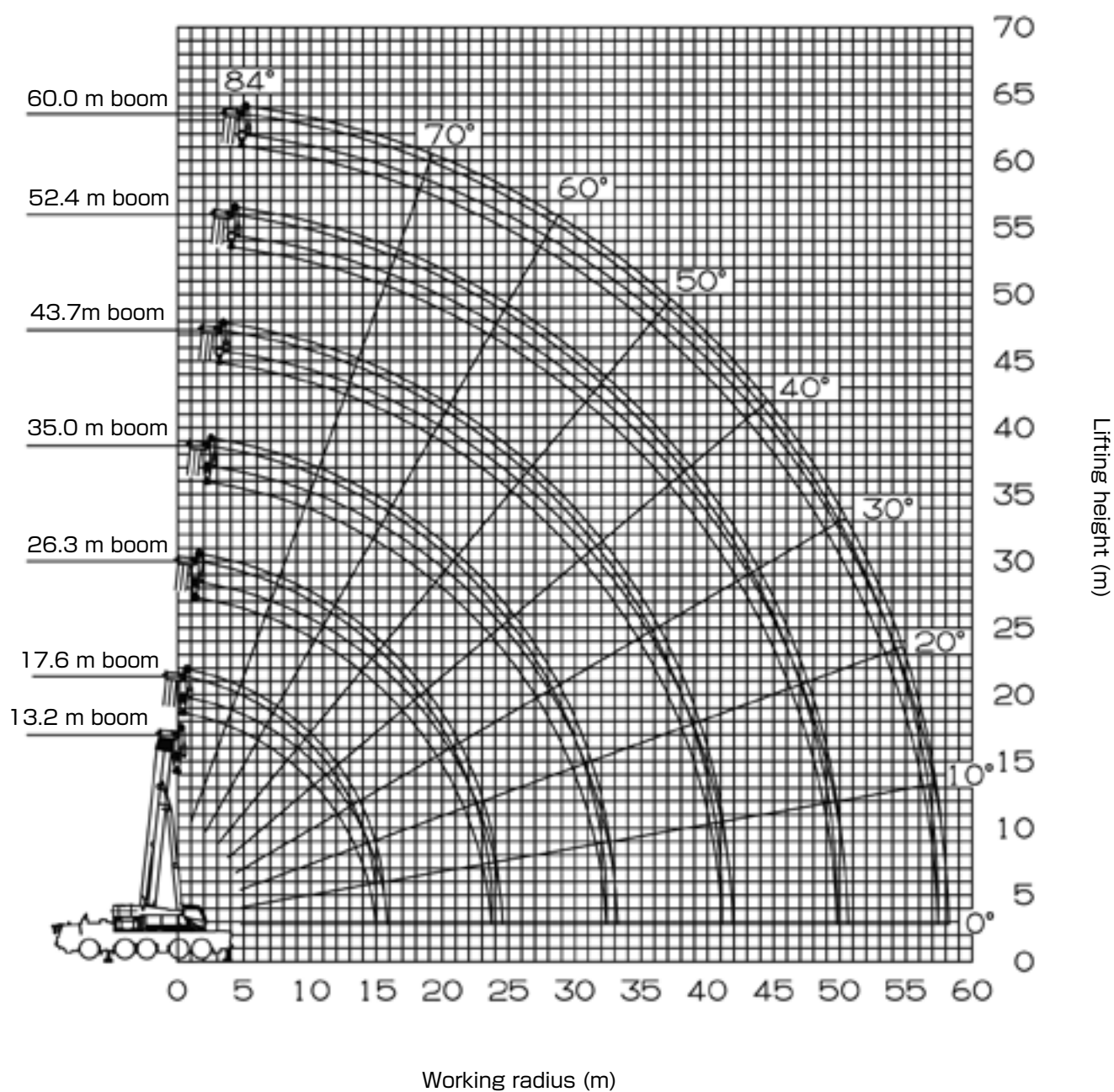
56.7 m boom



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

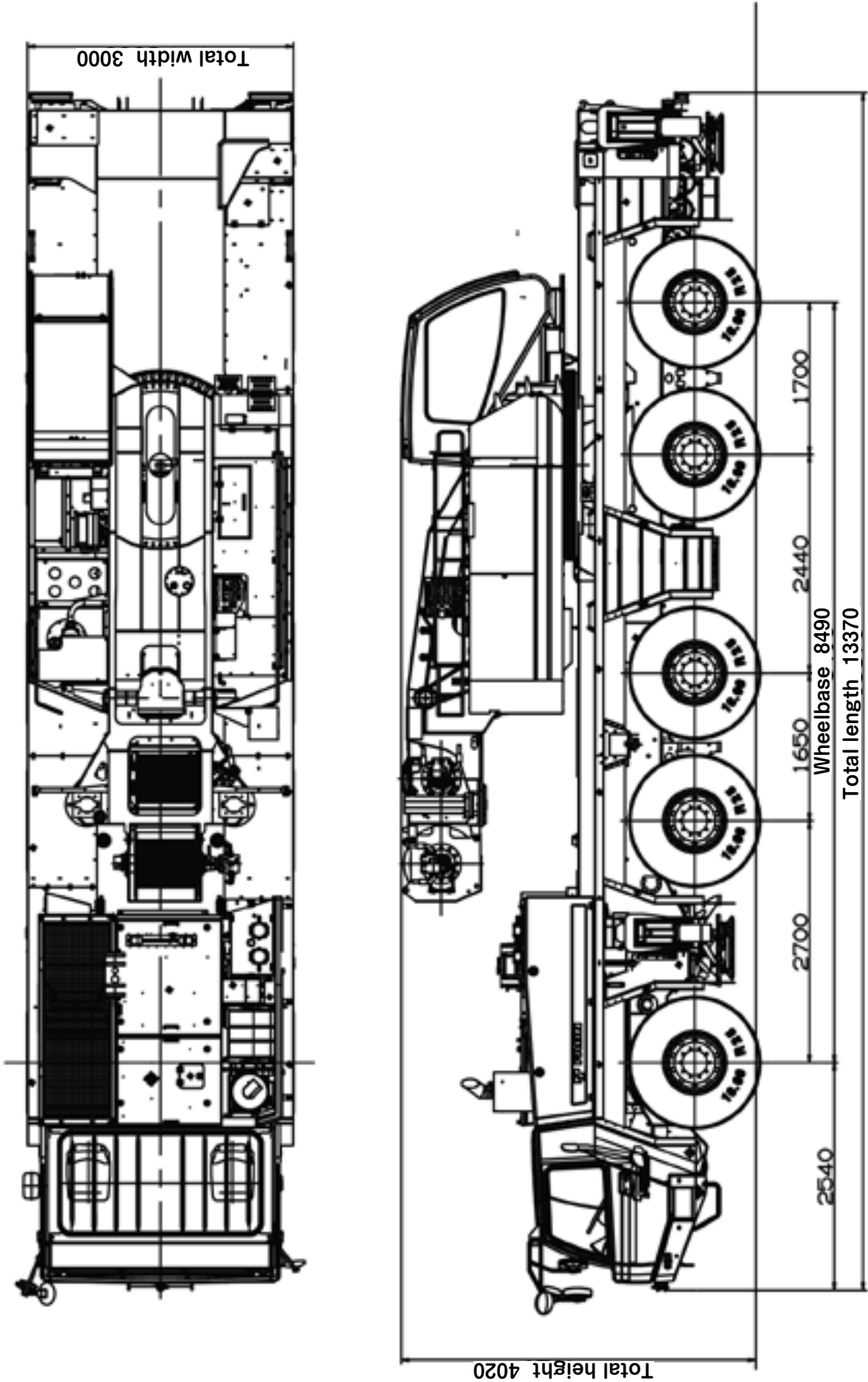


Note:

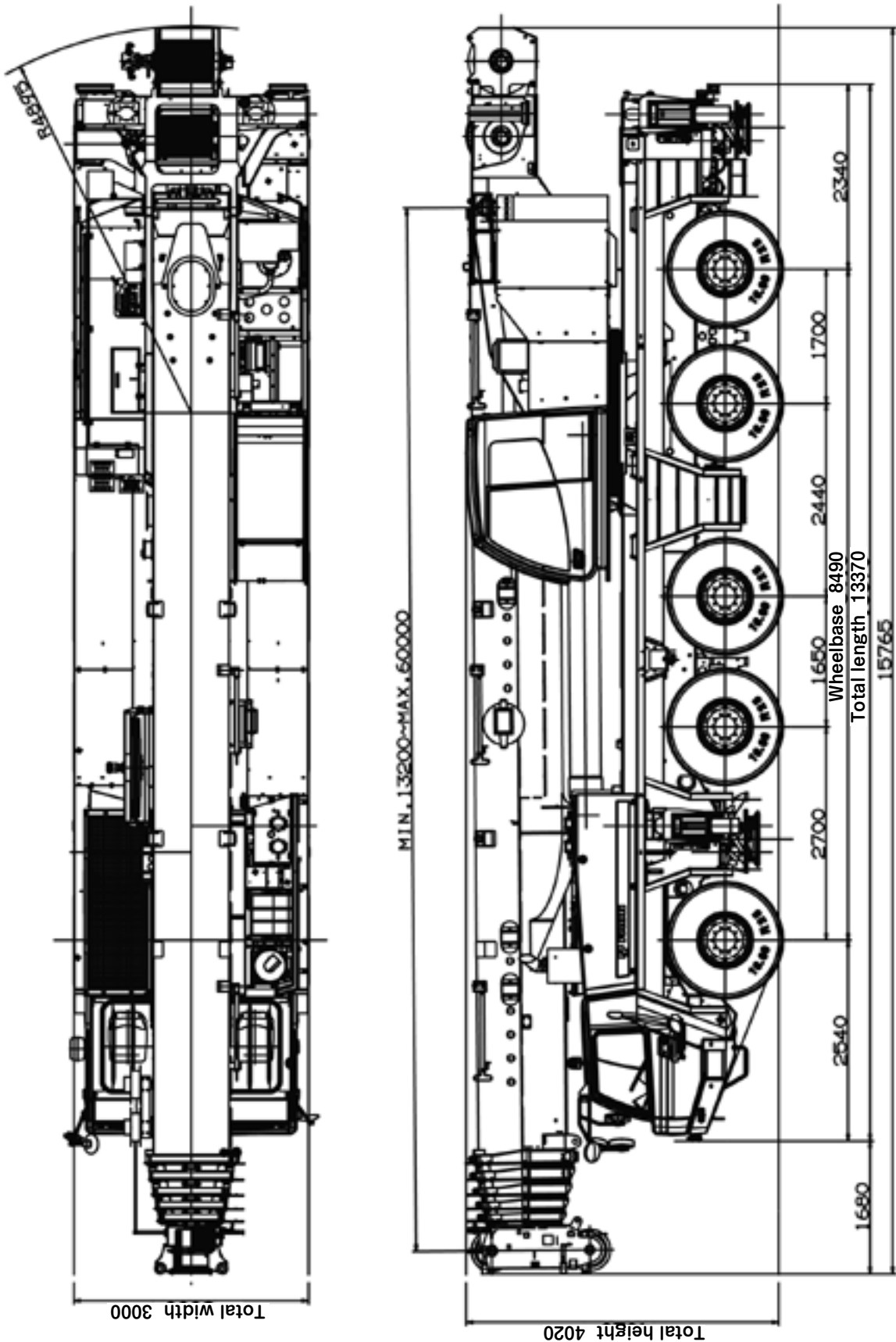
1. The deflection of the boom is not incorporated in the figure above.
2. The above figure is the maximum load radius for Performances A, B, and F.

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.

Control No. JA-FLJ-02

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

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 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	

3. 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

4. The total rated load is limited to 22.0 t when the B pin (boom fixing pin) is not inserted.
5. 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.
6. The total rated load is based on the actual working radius including deflection of the boom.
7. 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.
8. 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).
9. 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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m					
Working radius (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	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										

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				
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	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				
Working radius (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									

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)	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	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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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										5.6				
9.0	23.7	19.1	15.4			14.6	14.6				13.9										5.6				
10.0	22.4	18.3	15.0	13.1		14.6	14.6				13.9	12.4									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									

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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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									

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				
Working radius (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	9.8	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	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																						1.2			
θ (°)	47-84	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				
Working radius (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	6.2	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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	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	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)	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	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	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				
Working radius (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	9.8	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

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	6.2	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	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 FC

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				
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°
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	3.0	3.4	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	2.1	2.4	2.8	3.0		2.9	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	1.2	1.5	1.8	2.0		2.0	2.4	2.8	2.8		2.5	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		1.2	1.6	2.1	2.3		1.8	2.2	2.5	2.4		2.2	2.4	2.3	2.2		2.4	2.2	2.1	2.0	2.0
40.0								1.3	1.5		1.1	1.5	2.1	2.3		1.5	2.1	2.1	2.1		2.0	2.1	2.0	1.9	
42.0													1.3	1.6			1.4	2.0	2.0		1.3	1.9	1.9	1.8	
44.0														1.0				1.4	1.8			1.3	1.8	1.7	
46.0																			1.1				1.4	1.6	
48.0																								1.2	
θ (°)	59-84	61-84	60-84	60-84	73-84	60-84	61-84	61-84	61-84	72-84	60-84	62-84	62-84	60-84	73-84	62-84	62-84	63-84	62-84	72-84	62-84	63-84	64-84	63-84	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 FC

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				
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°
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	2.2	2.6	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		1.7	2.0	2.1		1.9	2.3	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							1.5	1.7	1.6		1.6	1.7	1.5	1.3		1.8	1.5	1.3	1.2		1.6	1.4	1.2	1.0	
40.0									1.4				1.3	1.2			1.3	1.1	1.0		1.4	1.2	1.0		
42.0													1.0					1.0				1.0			
θ (°)	63-84	63-84	63-84	64-84	72-84	63-84	63-84	64-84	64-84	73-84	63-84	65-84	65-84	65-84	72-84	65-84	65-84	66-84	69-84	73-84	65-84	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: 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)	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	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)	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	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)	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	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	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	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	5.3	4.7	
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	5.1	4.5	
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	4.9	4.4	3.9
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	4.7	4.2	3.9
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	4.5	4.1	3.8
32.0									1.1			1.2	1.9	2.3		1.3	2.0	2.7	3.3		2.0	2.7	3.6	4.0	3.8
34.0														1.4			1.1	1.9	2.4		1.3	2.0	2.8	3.4	
36.0																		1.1	1.6			1.2	2.0	2.6	
38.0																							1.3	1.8	
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	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, 8.3 m outrigger extension width.

Performance FD

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	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	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	5.4		
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	5.2	4.6	
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	5.0	4.4	3.9
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	4.8	4.3	3.9
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	4.6	4.2	3.8
32.0									1.4				2.1	2.5			2.0	2.8	3.4		2.1	2.8	3.7	4.1	3.8
34.0														1.6				2.0	2.5			2.0	2.9	3.5	3.8
36.0																			1.7			1.3	2.1	2.7	
38.0																							1.4	2.0	
40.0																								1.3	
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	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

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	9.7	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	7.2	7.8	8.6	8.8	8.8	7.9	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	5.3	5.9	6.5	7.0	7.2	6.0	6.7	7.7	7.5	7.5	6.6	7.4	7.0	6.7	6.1	7.1	6.9	6.3	5.5		5.6	5.6	5.2		
24.0	3.8	4.3	4.9	5.3	5.4	4.5	5.1	5.9	6.5	6.9	5.0	5.8	6.7	6.5	6.0	5.5	6.5	6.0	5.3	4.8	5.6	5.6	5.1		
26.0	2.6	3.0	3.5	3.8		3.2	3.8	4.5	5.0	5.3	3.7	4.4	5.4	6.1	6.0	4.2	5.1	5.8	5.2	4.7	4.9	5.6	4.9	4.5	
28.0		1.9	2.4	2.6		2.2	2.7	3.3	3.7		2.7	3.3	4.1	4.8	5.1	3.2	3.9	4.9	5.1	4.7	3.8	4.7	4.7	4.4	3.9
30.0								2.3	2.6		1.7	2.4	3.1	3.6	3.9	2.3	2.9	3.8	4.5	4.6	2.9	3.7	3.8	4.2	3.9
32.0									1.7				2.2	2.6			2.1	2.9	3.5	3.9	2.1	2.8	2.9	3.6	3.8
34.0														1.8				2.1	2.6			2.1	2.2	2.8	3.1
36.0																		1.9					1.5	2.1	2.3
38.0																									1.4
θ (°)	63-84	63-84	63-84	64-84	71-84	63-84	64-84	64-84	64-84	72-84	64-84	65-84	65-84	65-84	71-84	65-84	65-84	66-84	65-84	73-84	65-84	66-84	68-84	68-84	71-84
Standard hook	25 t																				7.3 t				
The weight of the hooks	375 kg																				300 kg				
Standard number of part lines	2.0																				1.0				

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

Performance FD

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	5.6	6.1	6.2	6.0	6.0	6.2	5.9	5.5	5.3	5.2	5.2	5.4	4.9	4.7	4.6	5.3	4.9	4.4			4.8	4.4	4.0		
24.0	4.1	4.6	5.1	5.5	5.6	4.7	5.3	5.2	5.0	4.9	3.9	4.6	4.7	4.4	4.4	5.0	4.6	4.2	4.0		4.6	4.2	3.8		
26.0	2.9	3.3	3.8	4.1	4.3	3.4	4.0	4.7	4.8	4.7	2.9	3.5	4.3	4.2	4.2	4.6	4.4	4.0	3.8	3.7	4.3	4.0	3.6	3.4	
28.0		2.2	2.6	2.9		2.4	2.9	3.5	4.0	4.2	2.0	2.5	3.3	3.8	4.0	3.5	4.1	3.8	3.6	3.6	4.0	3.8	3.5	3.3	3.2
30.0				1.9			1.9	2.5	2.9		1.0	1.7	2.4	2.8	3.1	2.6	3.3	3.6	3.5	3.4	3.0	3.6	3.3	3.1	3.1
32.0									2.0				1.5	2.0	2.2	1.8	2.5	3.3	3.3	3.3	2.2	2.9	3.1	3.0	2.9
34.0														1.2			1.7	2.4	3.0	3.2		2.2	3.0	2.9	2.8
36.0																		1.7	2.2				2.3	2.7	2.7
38.0																			1.5				1.7	2.2	
40.0																									1.6
θ (°)	65-84	64-84	66-84	66-84	71-84	65-84	66-84	67-84	65-84	72-84	66-84	68-84	68-84	68-84	71-84	66-84	67-84	66-84	67-84	73-84	67-84	68-84	67-84	68-84	74-84
Standard hook	25 t																				7.3 t				
The weights of the hooks	375 kg																				300 kg				
Standard number of part lines	2.0																				1.0				

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	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	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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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	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			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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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	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																							1.8	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)	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	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)	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	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
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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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	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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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										2.6				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	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: 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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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				
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	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				
Working radius (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	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														

■ 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				
Working radius (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	8.3	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	4.7	4.2	3.9
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	4.5	4.1	3.8
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	4.3	4.0	3.8
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	4.1	3.9	
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	4.0	3.9	
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	3.9	3.8	
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	3.8	3.7	
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	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	3.6		
46.0											1.2	1.4				1.8	2.1	2.4			2.5	2.9	3.4		
48.0																1.3	1.5				1.9	2.3	2.7		
50.0																					1.4	1.7	2.0		
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	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, 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				
Working radius (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	7.1	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	4.6	4.2	3.8
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	4.4	4.1	3.8
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	4.3	4.0	3.8
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	4.1	3.9	
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	4.0	3.8	
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	3.9	3.8	
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	3.8	3.7	
44.0						1.3	1.6	1.7			2.0	2.3	2.6			2.5	2.9	3.4			3.2	3.7	3.7	3.7	
46.0											1.3	1.6	1.9			1.9	2.3	2.6			2.6	3.0	3.5	3.7	
48.0												1.0	1.2			1.3	1.6	2.0			2.0	2.4	2.8		
50.0																	1.1	1.3			1.5	1.8	2.2		
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	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, 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				
Working radius (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	9.8	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	3.7	
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				
Working radius (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	6.2	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 FF

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	2.1	2.3	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	1.4	1.6	1.8			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		1.0	1.2			1.5	1.8	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						1.0	1.2	1.4			1.5	1.8	1.8			1.8	1.7	1.7	1.7		1.7	1.7	1.6	1.5	
50.0												1.2	1.5			1.4	1.5	1.5			1.6	1.5	1.5	1.5	
55.0																					1.0	1.1			
θ (°)	51-84	50-84	51-84	58-84	73-84	50-84	51-84	52-84	58-84	72-84	53-84	52-84	54-84	59-84	73-84	54-84	55-84	57-84	60-84	72-84	56-84	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, 7.0 m outrigger extension width.

Performance FF

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		1.1	1.1			1.3	1.2	1.0			1.0														
48.0							1.0																		
θ (°)	55-84	53-84	54-84	59-84	72-84	55-84	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, 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	3.9	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																									1.3
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	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																						1.0	1.5	1.8	
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	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				
Working radius (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	9.8	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	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	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				
Working radius (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	6.2	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	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)	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°
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	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)	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°
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	76-84
Standard hook	7.3 t																								
The weights of the hooks	300 kg																								
Standard number of part lines	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				
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	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		4.9	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				
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	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				
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	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	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	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	5.3	4.7	
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	5.1	4.5	
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	4.9	4.4	3.9
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	4.7	4.2	3.9
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	4.5	4.1	3.8
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	4.3	4.0	3.8
34.0									1.2			1.4	2.0	2.4		1.5	2.1	2.8	3.3		2.3	2.9	3.7	3.9	
36.0													1.1	1.4			1.3	2.0	2.5		1.5	2.2	2.9	3.5	
38.0																		1.2	1.6			1.4	2.2	2.7	
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				
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	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	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	5.4		
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	5.2	4.6	
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	5.0	4.4	3.9
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	4.8	4.3	3.9
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	4.6	4.2	3.8
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	4.4	4.1	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	3.8	4.0	3.8
36.0													1.3	1.7			1.4	2.2	2.6		1.5	2.3	3.0	3.6	
38.0																		1.4	1.8			1.5	2.3	2.8	
40.0																			1.0				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				
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°
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
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
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
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				
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°
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
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
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				
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	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				
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	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	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	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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	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°
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)	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°
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				
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	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				
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	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	14.4	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				
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	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	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	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	5.3	4.7	
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	5.1	4.5	
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	4.9	4.4	3.9
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	4.7	4.2	3.9
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	4.5	4.1	3.8
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	4.3	4.0	3.8
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	4.1	3.9	
36.0												1.0	1.5	1.8		1.1	1.7	2.4	2.8		1.9	2.6	3.3	3.8	
38.0																	1.0	1.6	2.0		1.2	1.8	2.6	3.0	
40.0																					1.1	1.8	2.6	2.3	
42.0																						1.1	1.5		
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	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, 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				
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	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	11.4	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	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	5.6	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	5.6	5.4		
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	5.6	5.2	4.6	
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	5.6	5.0	4.4	3.9
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	5.5	4.8	4.3	3.9
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	5.1	4.6	4.2	3.8
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	4.2	4.4	4.1	3.8
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	3.4	4.2	4.0	3.8
36.0									1.0			1.1	1.7	2.0		1.2	1.8	2.5	3.0		1.9	2.6	3.4	3.9	
38.0														1.2			1.1	1.7	2.2		1.2	1.9	2.7	3.2	
40.0																		1.0	1.4			1.2	1.9	2.5	
42.0																						1.2	1.7		
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	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, 5.6 m outrigger extension width.

Performance FJ

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	9.3	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	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
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)	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	6.0	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
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
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
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
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
38.0																1.0	1.5	2.3	2.7		1.4	2.1	2.7	2.6	
40.0																		1.5	2.0			1.4	2.2	2.5	
42.0																							1.5	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				
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°
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	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				
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°
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				1.3	1.2			1.4	1.2	1.0	
40.0																		1.1	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	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)	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	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)	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	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°
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	2.9	3.7	4.7	4.2	3.9
30.0									1.3			1.3	2.0	2.5		1.3	2.0	2.8	3.5	3.8	2.1	2.8	3.8	4.1	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																								1.2	
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	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°
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	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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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	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				
Working radius (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	3.0		
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	2.8		
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	2.6	2.5	2.5
32.0													2.0	2.5	2.8			2.7	2.6	2.6		2.3	2.5	2.4	2.4
34.0																		1.9	2.5	2.4			2.4	2.3	2.2
36.0																			1.8	2.0			1.8	2.1	2.1
38.0																								1.8	2.0
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	71-84	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

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				
Working radius (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	2.6		
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	2.3		
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	2.1	1.8	
30.0									2.4	2.3			2.4	2.1	1.9		2.5	2.1	1.8	1.7		2.3	1.9	1.6	1.5
32.0														1.9	1.8			1.9	1.6	1.5			1.7	1.5	1.3
34.0																			1.5	1.4			1.5	1.3	1.2
36.0																								1.2	1.1
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	74-84	76-84
Standard hook	7.3 t																								
The weights of the hooks	300 kg																								
Standard number of part lines	1																								

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

Performance FL

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				
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	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	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)	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	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	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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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	75-84	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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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	77-84	78-84	78-84	77-84	77-84	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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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)	8.5 m					11.6 m					14.7 m					17.8 m					20.9 m				
Working radius (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	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					
Working radius (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	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	3.2	4.5	6.2			4.1	5.5	5.6			
20.0								2.4	3.2	3.6			3.5	4.5	5.2		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		2.7	4.2	4.7		
24.0															2.3				2.9	3.6			3.0	4.1		
26.0																			1.8	2.4			2.0	3.0	3.7	
28.0																							2.0	2.6		
30.0																									1.7	
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					
Working radius (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	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		3.3	4.6	6.3			4.1	5.5				
20.0									3.3	3.8			3.6	4.6	5.4		3.1	4.6				3.9	5.6			
22.0										2.3				3.2	3.7			3.2	4.3	4.8		2.7	4.2			
24.0														2.4					3.0	3.7			3.0	4.2		
26.0																				2.5			2.0	3.1	3.8	
28.0																								2.1	2.7	
30.0																									1.8	
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) Working radius (m)	8.5 m Offset					11.6 m Offset					14.7 m Offset					17.8 m Offset					20.9 m 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	13.4	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		4.5	5.8	7.5			5.1	6.6				5.6	5.6			
18.0				3.7	4.0			4.3	5.2	5.8		3.9	5.3			3.4	4.6				4.1	5.5			
20.0								3.5	4.0			3.7	4.7			3.1	4.6				4.0				
22.0													3.3	3.9			3.2	4.3				2.7	3.1		
24.0														2.6				3.1				2.1			
26.0																				2.6			2.2		
28.0																							1.3	1.9	
30.0																									1.1
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										300 kg				
The weights of the hooks	375 kg										300 kg										300 kg				
Standard number of part lines	2										1										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				
Working radius (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	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							3.2			
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	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

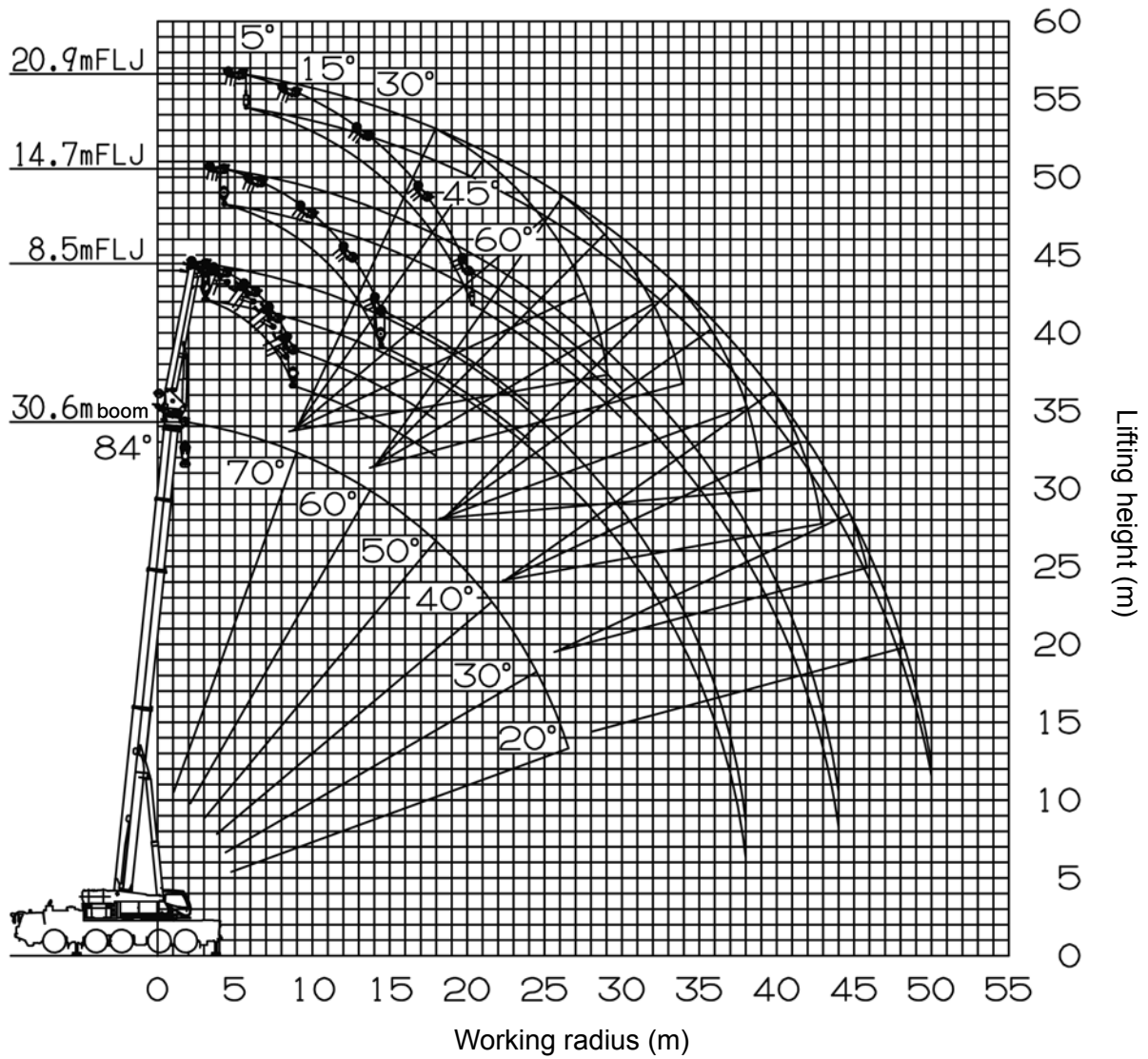
Unit: ton

Jib length (m)	8.5 m					11.6 m					14.7 m				
Working radius (m)	Offset					Offset					Offset				
	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				4.2	
22.0										3.1					3.8
24.0															3.1
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

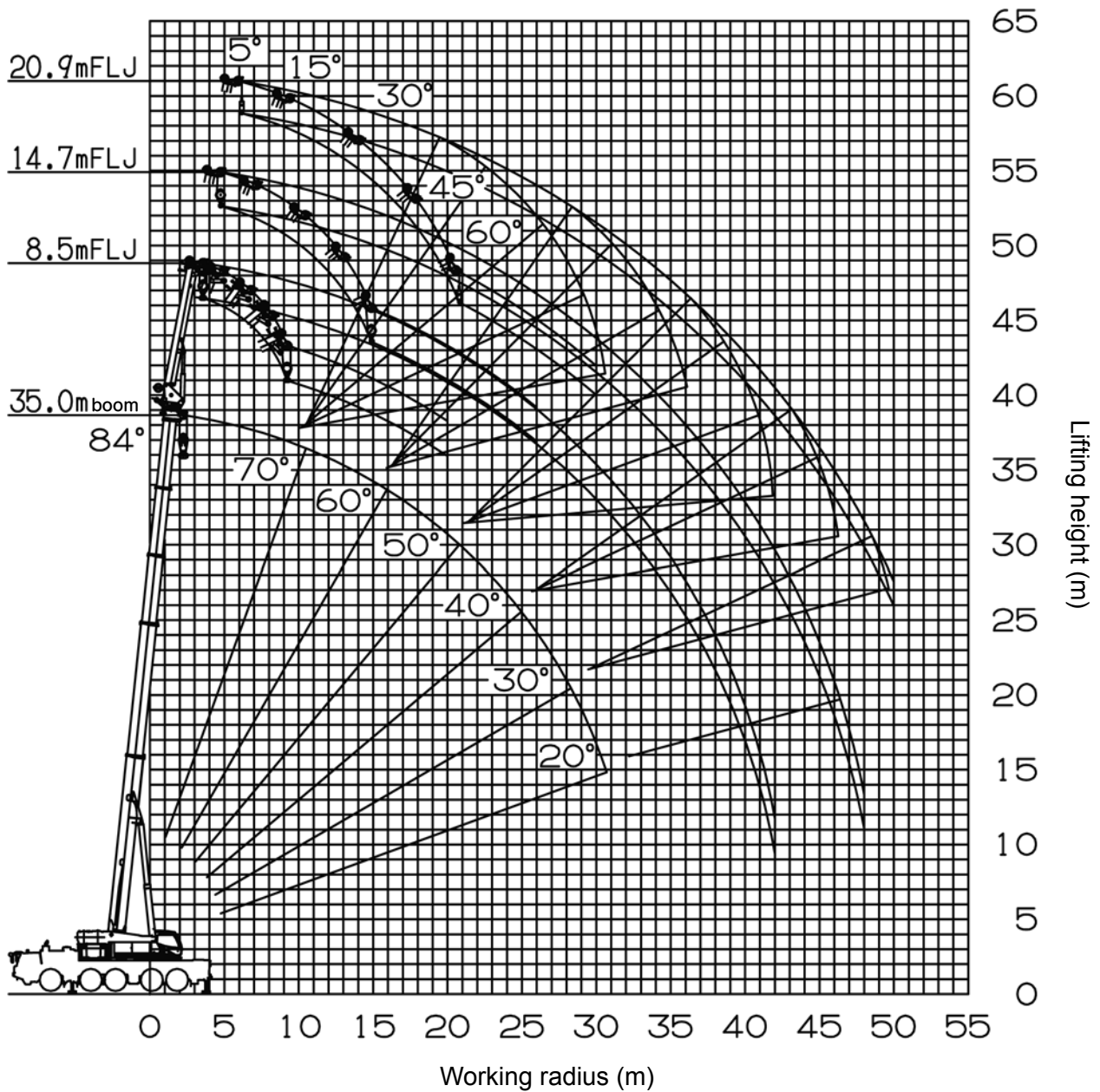
30.6 m Boom + 1.85 m + Fully Automatic Luffing Jib



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.

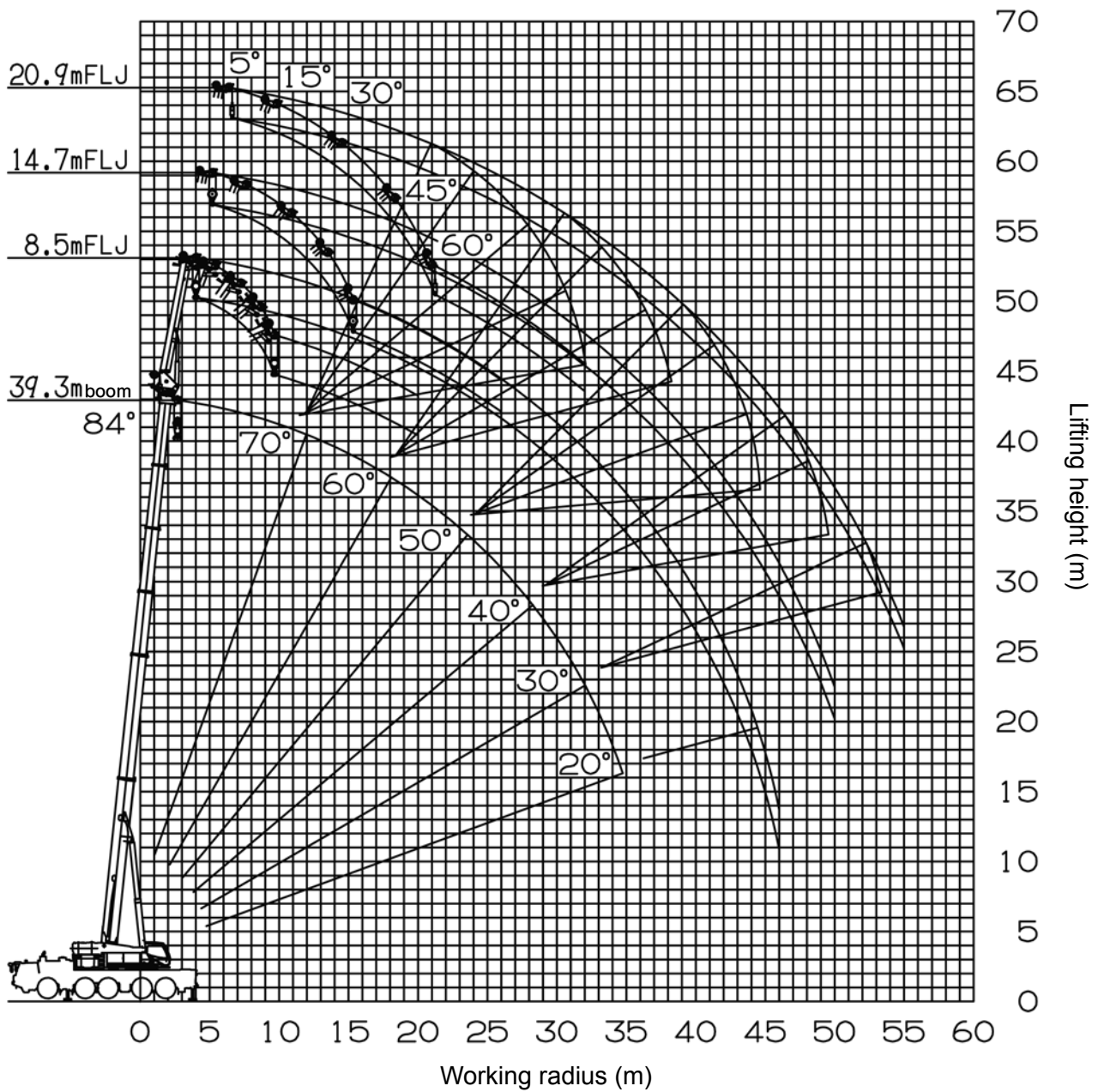
35.0 m Boom + 1.85 m + Fully Automatic Luffing Jib



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.

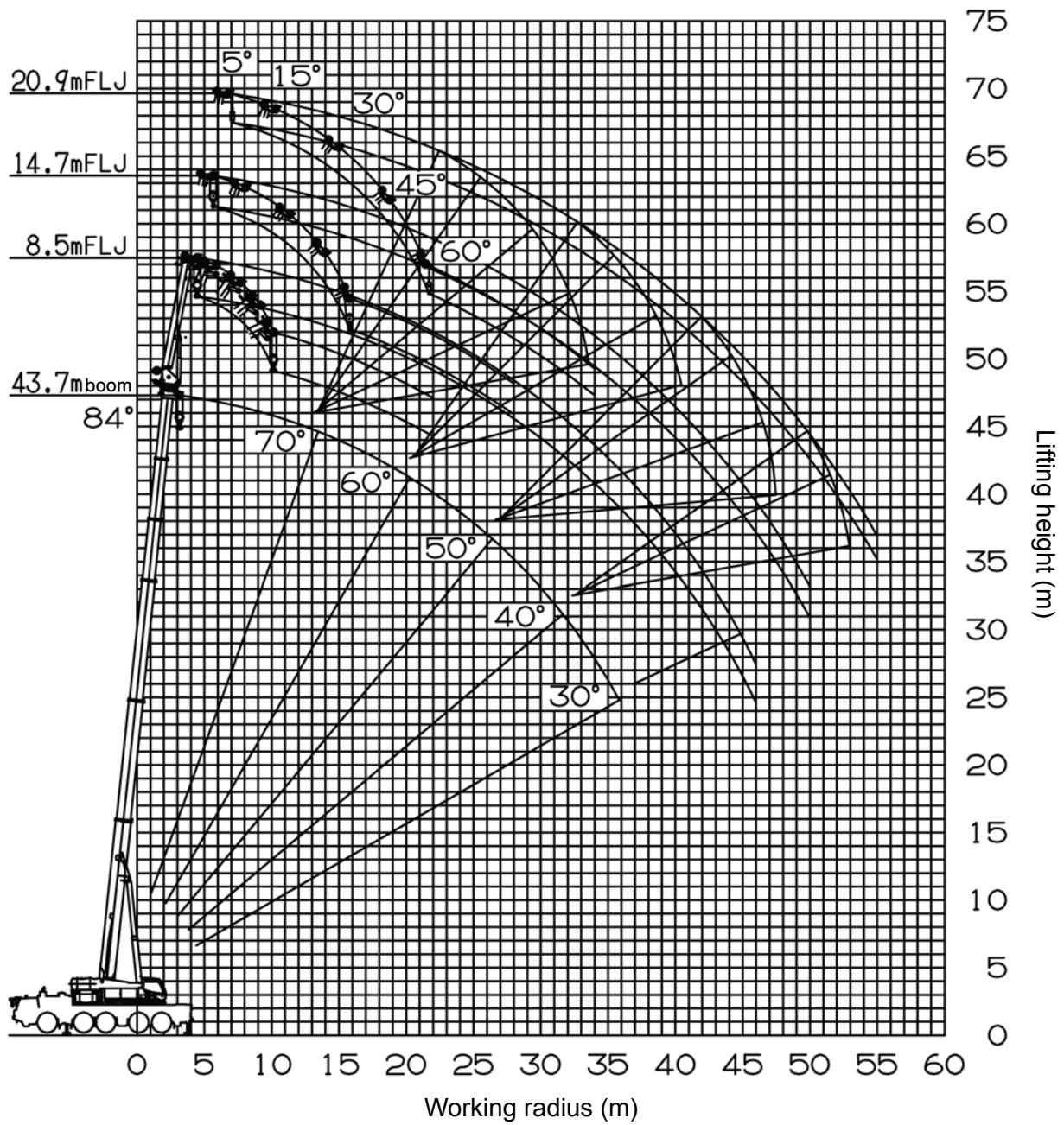
39.3 m Boom + 1.85 m + Fully Automatic Luffing Jib



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.

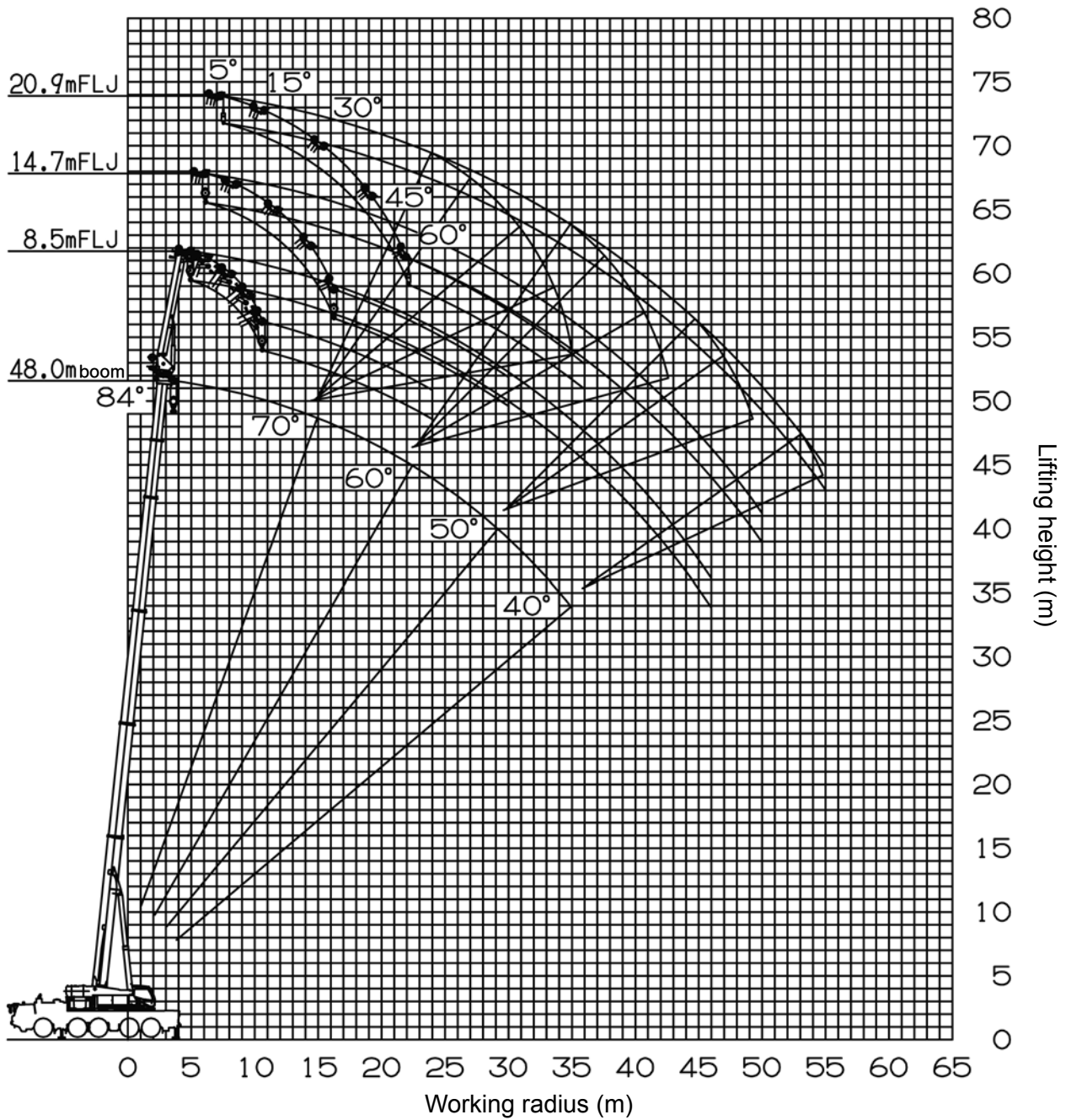
43.7 m Boom + 1.85 m + Fully Automatic Luffing Jib



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.

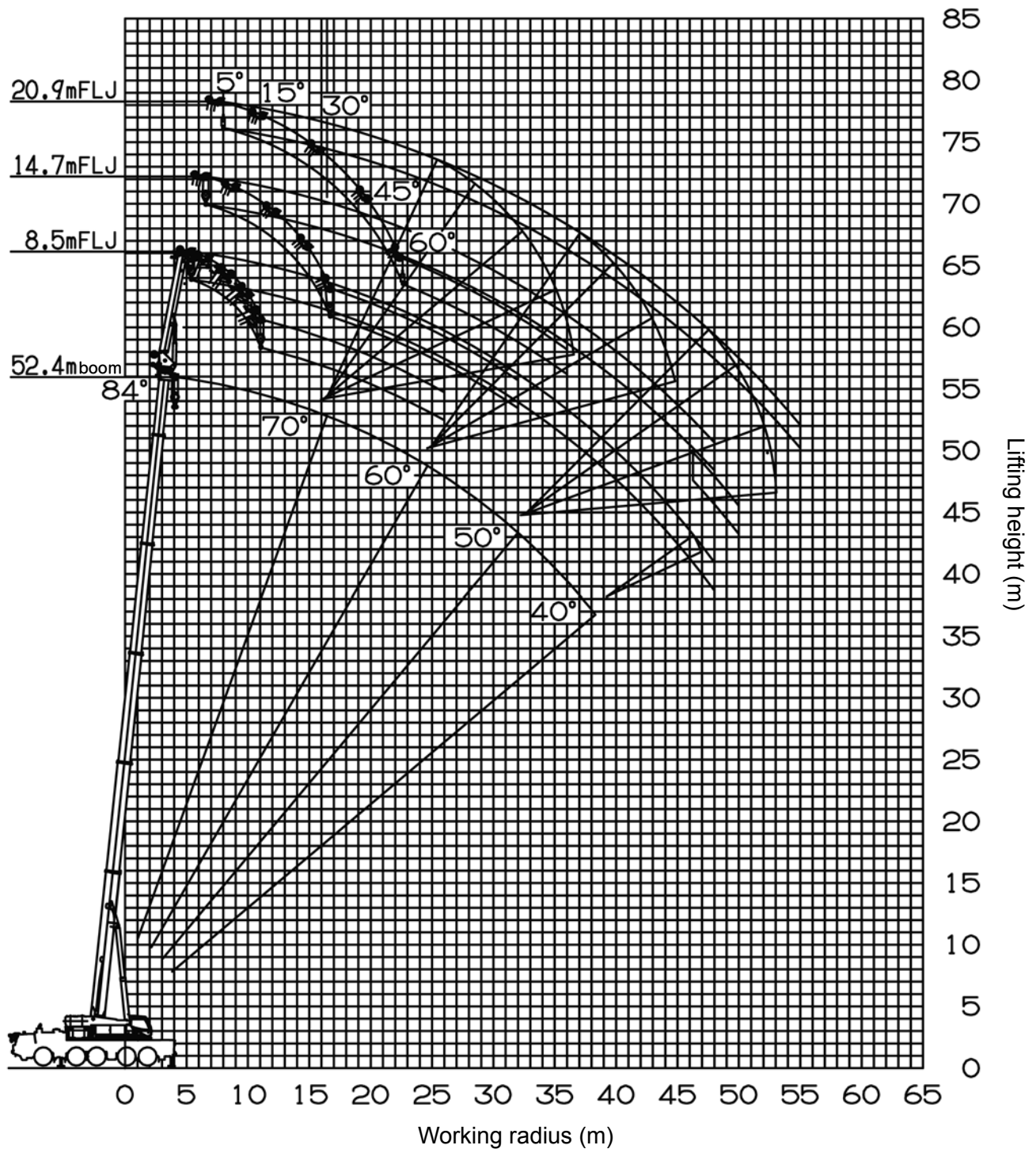
48.0 m Boom + 1.85 m + Fully Automatic Luffing Jib



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.

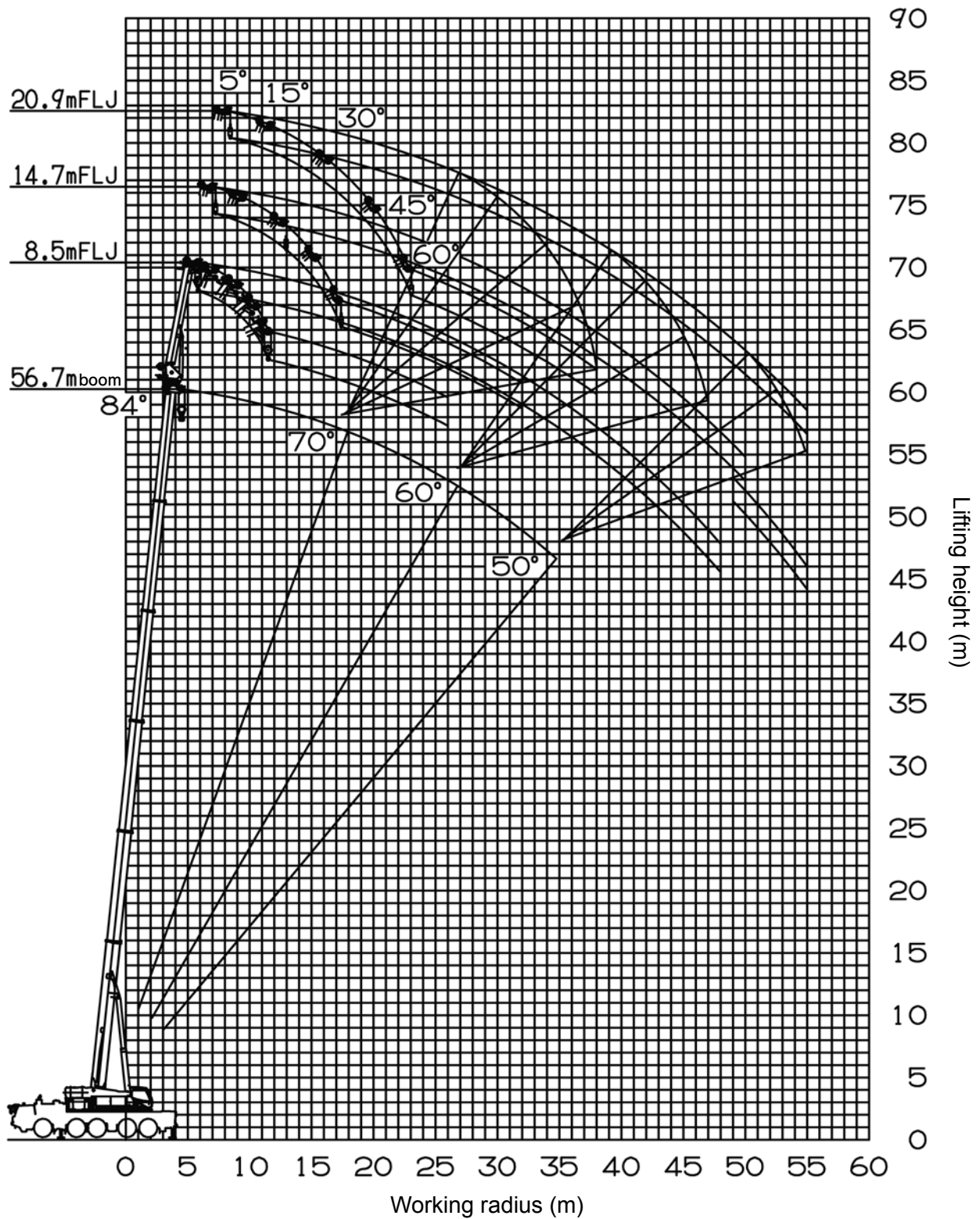
52.4 m Boom + 1.85 m + Fully Automatic Luffing Jib



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.

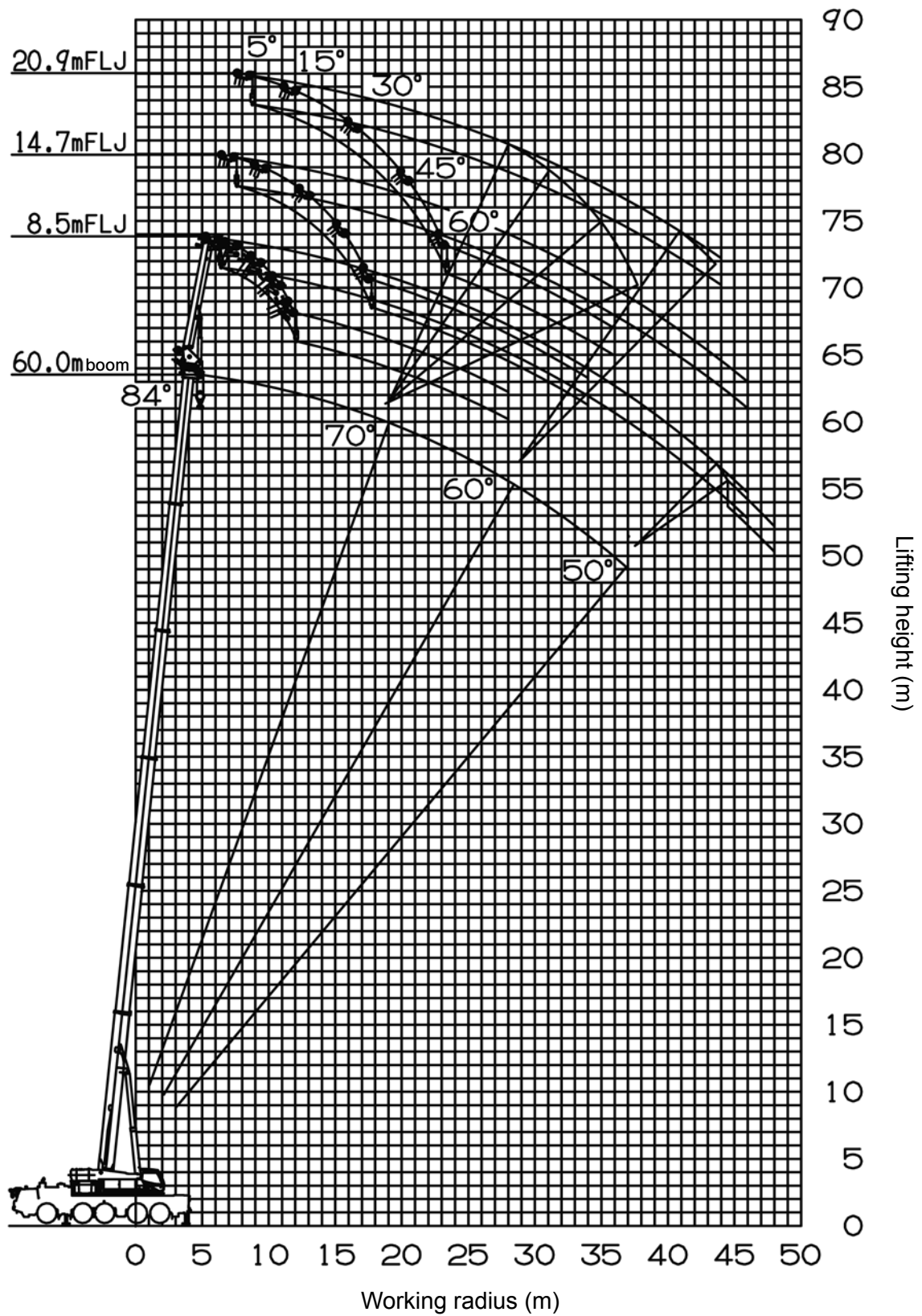
56.7 m Boom + 1.85 m + Fully Automatic Luffing Jib



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.