IHI

CCH3000

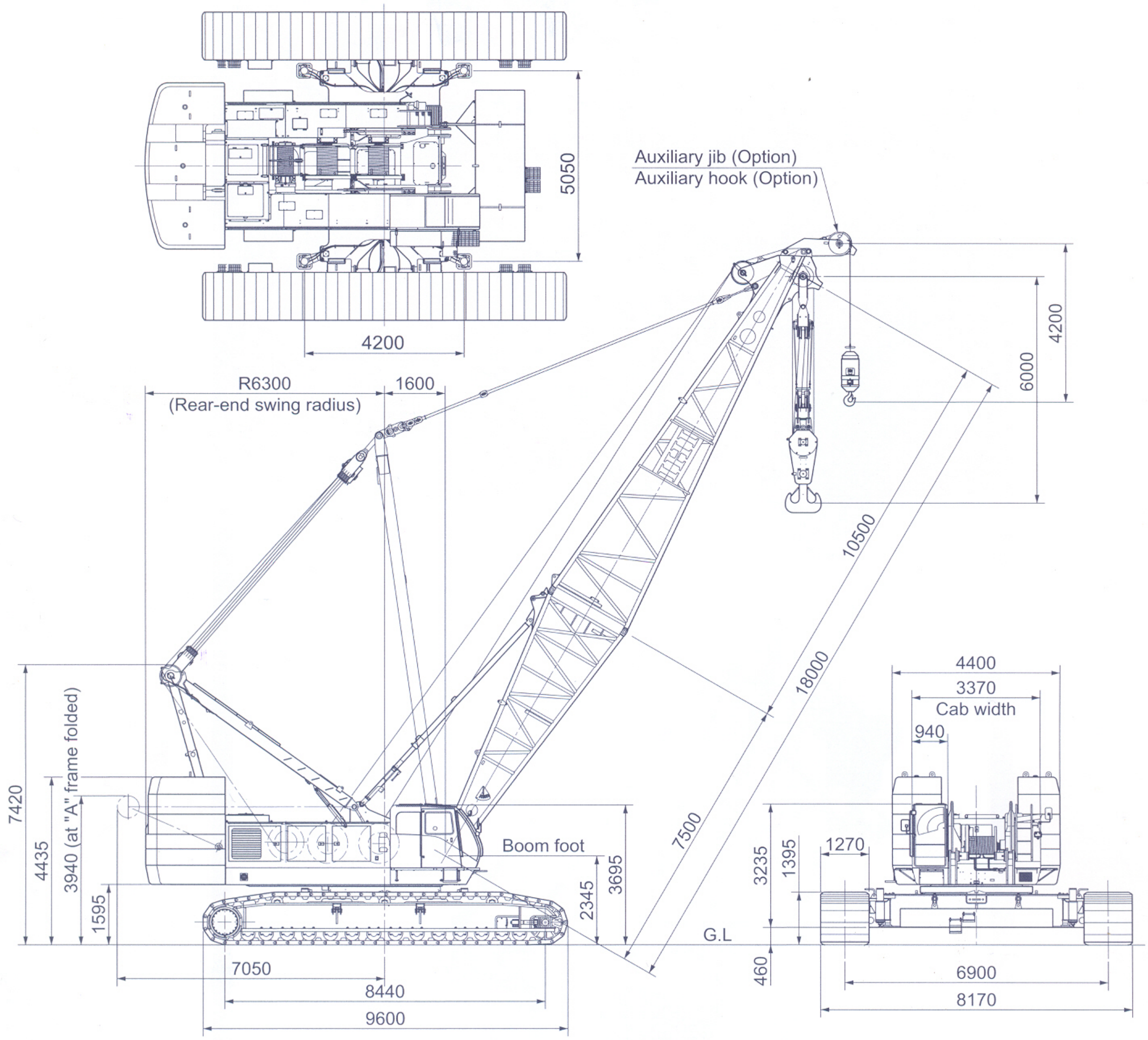
Fully Hydraulic Crawler Crane

Lifting capacity 300 metric tons

IHI Construction Machinery Limited

Crane

General Dimensions (with basic boom) (Unit : mm)



Specifications

Performance	
Swing speed	1.4rpm
Travel speed	1.0/0.5 km/hr
Gradeability	30% (16.7º)
Engine	
Make	Cummins Inc.
Model	QSM11
Type	4-cycle, 6-cylinder, water-cooled, turbo-charged with intercooler, direct fuel injection type diesel engine
Total displacement	10.8L
Rated output	280kW/2,100min^{-1} (375PS/2,100rpm)
Peak torque	1,898Nm/1,400min^{-1}
Fuel tank capacity	450L
Battery	12V×120AH×2 pcs.
Load hoist System (Main & Aux.)	
Hydraulic motor	Axial piston type
Reduction gear	Two-stage planetary gear
Hoist drum	2-grooved cylindrical drums on 2 individual shaft. Main/Auxiliary drum in same width, with Lebus type groove.
Brake	Wet type multi disc
Drum locks	Ratchet type
Boom hoist System	
Motor	Axial piston type
Reduction gear	Three-stage planetary gear
Hoist drum	2-grooved cylindrical drums on 1-single shaft, with Lebus type groove
Brake	Wet type multi disc
Drum lock	Ratchet lock

Crane specifications

Max.lifting capacity (metric ton)×working radius (m)		300×5.0
Max.boom length (m)		90
Max.boom length,main (main+jib boom) (m)		109 (72+37)
Rope speed	Main drum hoist/lowering (m/min)	*120/60-55/28
	Aux.drum hoist/lowering (m/min)	*120/60-55/28
	Boom drum hoist/lowering (m/min)	*32~14.5×2
Part lines	Hook block capacity (ton)×part line	300×20
	Hook block capacity (ton)×part line	35×3
	Boom drum hoist/lowering part line	18
Counter weight (ton)		106.5
Carbody weight (ton)		26
Total operating weight (with 18m basic boom) (ton)		Approx. 260
Average ground bearing pressure (kPa) [kgf/cm^2]		(118.9) [1.21]

Note1: The values marked with "*" may change depending on the load given.

Note2: When using the rotation resistant rope to load hoisting, it is necessary that 20 part line by optional sheave block and hook.

Crane

Standard equipment

- Engine tachometer (with hour meter)
- Hydraulic pressure gauge
- Fuel gauge
- Engine coolant temperature gauge
- Front work lamp (on both sides)
- Operator's room lamp
- Air conditioner
- Front windshield wiper (with window washer)
- Ceiling wiper (with window washer)
- Sun shade
- Sun-visor
- Storage pouch
- Tool storage
- Reclining operator's seat
- Floor mat
- Steps for operator's cab
- Radio (AM/FM)
- Cigarette lighter
- Ashtray
- Rear view mirrors (on both sides)
- Warning horn
- Moment limiter
- Electric fuel pump
- Swing flashing lamp
- Swing warning buzzer (with voice alarm)
- Travel warning buzzer (with voice alarm)
- A-frame hoist cylinder
- Bronze tinted glass
- Wire mesh boom walkway (for inner boom)
- Foot rest
- Electrical engine throttle control grip
- Engine throttle pedal
- Ultra low speed control
- Automatic hydraulic brake (main, aux. boom, and jib hoist motor)
- Rope guide roller on boom back (for outer boom)
- Plug socket (24V)
- Loud speaker
- Winch speed control system (main, aux. boom, and jib hoist)
- Pump power-shift system
- Switch of emergency stop (front and rear)
- Boom foot pin cylinder
- Crawler connecting pin cylinder
- Standard tools for maintenance (details are as per Parts Catalogue)
- Remote controller for jack and crawler connect cylinder
- Jib strut hoist unit

Options

1. Base Machine
   - Reeving winch
   - Tagline
   - Swing parking break
   - Constant speed swing system
   - Swing mode select switch (free/break)
   - Drum rotation indicator
   - Monitor TV (for rear/drum view)
   - Monitor TV (for hook load)
   - Mirror for drum
   - Radio transmitter
   - Combustion type heater
   - Fire extinguisher
   - Room mirror
   - Electric fan
   - Operator gate lock lever
   - Tool box (installed in front of operator cabin)
   - Name plate (both side of base machine)

2. Lamp and Instrument
   - Yellow rotary lamp
   - Boom point clearance lamp
   - Over load outside alarm lamp (red/yellow/green)
   - Working lamp for drum
   - Working lamp on boom
   - Working lamp for rear direction
   - Additional front working lamp
   - Hand lamp
   - Electric clinometer
   - Level indicator
   - Anemometer

3. Step and guard
   - Catwalk for rear cab
   - Catwalk for rear cab (wide type with handrail)
   - Handrail for catwalk
   - Wire mesh for boom walkway (for insert boom and outer boom)
   - Operator cabin roof guard
   - Wire rope guard for insert boom
   - Hook guard for outer boom (wood or steel pipe)
   - Safety guard rope on main boom

4. Attachment
   - 3m, 6m, 9m insert boom (with pendant link and rope guide roller)
   - 13m basic jib and accessories
   - 6m insert jib (with pendant rope)
   - 1m auxiliary jib and accessories
   - 1.5m auxiliary jib and accessories
   - Additional sheave block (equipment for lifting 300 ton hook block)
   - 300 ton hook block (eight sheaves + two sheaves)
   - 200 ton hook block (eight sheaves)
   - 150 ton hook block (six sheaves)
   - 90 ton hook block (four sheaves)
   - 60 ton hook block (three sheaves)
   - 35 ton hook block (one sheave)
   - 13.5 ton hook block (slim type)
   - Auxiliary hoisting wire rope
   - Name plate (both side of outer boom)
   - Sling chain (for lifting inner jib unit)

5. Others
   - Large size tool box (with caster)
   - Sling wire rope (for lifting counter weight or crawler)

Combination of main boom and jib

Jib length (m) \ Boom length (m)	18-42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90
Aux.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
13		●	●	●	●	●	●	●	●	●	●						
19		●	●	●	●	●	●	●	●	●	●						
25		●	●	●	●	●	●	●	●	●	●						
31		●	●	●	●	●	●	●	●	●	●						
37		●	●	●	●	●	●	●	●	●	●						

●:Applicable combination

Wire rope

Purpose	Rope dia. (mm)	Breaking Strength (kN)	Rope Type
Main load hoisting	ϕ28	755	P·S(19)+39×P·7
Boom hoisting	ϕ26	489	IWRC 6×WS(31)
Jib load hoisting	ϕ28	755	P·S(19)+39×P·7
Jib boom suspension	ϕ31.5	735	IWRC 6×Fi(29)
Jib strut suspension	ϕ34	1020	IWRC 6×P·WS(36)

Note:Designed and rated in comply with ANSI B30.5-1.7.1

Boom composition

The following tables show standard combinations for each boom length.

Combination \ Boom length (m)	18	21	24	27	30	33	36	39	42	45	48	51	54
7.5m inner	1	1	1	1	1	1	1	1	1	1	1	1	1
*9.0m insert	—	—	—	—	—	1	1	1	1	1	1	1	1
3.0m insert	—	1	2	1	2	2	1	2	2	1	2	2	1
6.0m insert	—	—	—	1	1	—	1	1	—	1	1	—	1
9.0m insert	—	1	1	1	1	1	1	1	2	2	2	3	3
10.5m outer	1	1	1	1	1	1	1	1	1	1	1	1	1
Mast	○	○	○	○	○	○	○	○	○	○	○	○	○
Middle suspension	×	×	×	×	×	×	×	×	×	×	×	×	×

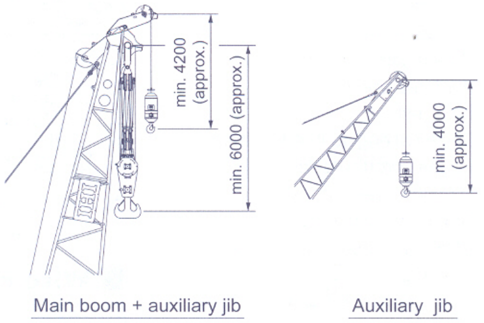
Combination \ Boom length (m)	57	60	63	66	69	72	75	78	81	84	87	90
7.5m inner	1	1	1	1	1	1	1	1	1	1	1	1
*9.0m insert	1	1	1	1	1	1	1	1	1	1	1	1
3.0m insert	2	2	1	2	2	1	2	2	1	2	2	1
6.0m insert	1	—	1	1	—	1	1	—	1	1	—	1
9.0m insert	3	4	4	4	5	5	5	6	6	6	7	7
10.5m outer	1	1	1	1	1	1	1	1	1	1	1	1
Mast	○	○	○	○	○	○	○	○	○	○	○	○
Middle suspension	×	×	×	×	○	○	○	○	○	○	○	○

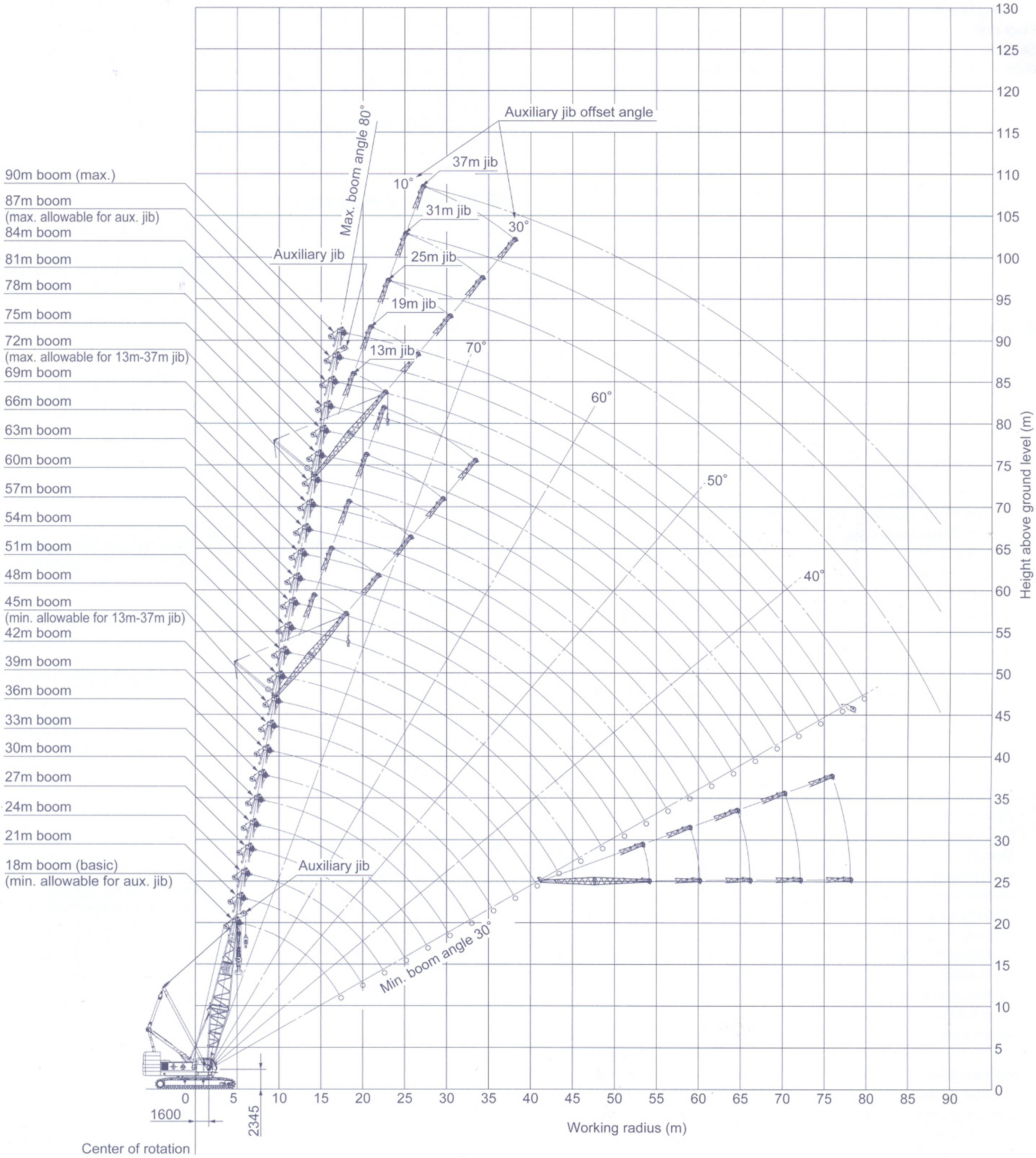
×:not applicable △:applicable ○:necessary

Jib composition

Combination \ Jib length (m)	13	19	25	31	37
6.5m inner	1	1	1	1	1
6.0m insert	—	1	2	3	4
6.5m outer	1	1	1	1	1

Working range (No loaded condition)





Rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Boom length (m) / Working radius (m)	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90
No. of Part line	20	16	16	14	13	12	11	10	9	9	8	8	7	6	6	6	5	5	4	4	4	3	3	3	2
5.0	300.0																								
6.0	240.5	6.3m ×216.0	6.2m ×216.0																						
7.0	200.0	197.7	197.3	7.1m ×189.0	7.7m ×175.5																				
8.0	174.9	174.6	174.3	171.7	170.5	8.3m ×162.0																			
9.0	154.6	154.3	154.0	153.1	152.2	151.2	148.5	9.9m ×135.0																	
10.0	137.5	137.2	136.9	136.6	136.3	135.4	135.0	133.8	11.1m ×121.5	11.0m ×121.5															
12.0	112.4	112.0	111.6	111.2	110.8	110.4	110.0	109.3	113.0	112.7	12.4m ×108.0	12.2m ×108.0	13.6m ×94.5												
14.0	90.2	89.8	90.8	90.7	90.4	90.2	89.7	88.4	96.0	95.5	94.1	92.8	91.7	15.4m ×81.0	15.2m ×81.0	79.6	14.2m ×67.5	14.8m ×67.5							
16.0	73.8	75.1	75.5	75.4	75.1	74.9	74.7	74.5	80.5	80.2	79.9	79.6	78.7	77.7	76.6	68.0	67.5	67.5	17.5m ×54.0	17.2m ×54.0	16.7m ×54.0				
18.0	17.2m ×63.1	65.7	65.3	64.9	64.6	64.3	64.0	63.4	67.1	66.8	66.5	66.2	65.9	65.6	65.3	59.3	58.6	59.7	54.0	54.0	54.0	40.5	18.8m ×40.5	40.5	
20.0		19.8m ×54.7	56.8	56.4	56.0	55.7	55.4	55.2	56.2	55.9	55.6	55.3	55.0	54.7	54.4	52.4	51.7	52.8	50.5	50.2	50.0	40.5	40.5	38.8	
22.0			49.9	49.6	49.2	48.9	48.7	48.4	48.2	48.0	47.7	47.5	47.3	47.0	46.7	46.5	46.1	46.2	46.0	45.7	45.5	40.5	38.5	35.8	27.0
24.0			22.4m ×47.9	44.2	43.8	43.6	43.4	43.1	42.9	42.7	42.4	42.2	41.9	41.7	41.4	41.2	41.0	40.9	40.7	40.3	40.1	38.3	36.3	33.1	27.0
26.0				25.0m ×41.8	39.3	39.2	39.0	38.7	38.5	38.3	38.0	37.8	37.6	37.3	37.1	36.9	36.8	36.8	36.8	36.4	36.0	35.5	33.8	30.7	27.0
28.0					27.6m ×36.3	35.5	35.4	35.1	34.9	34.7	34.4	34.2	33.9	33.7	33.6	33.6	33.5	33.5	33.5	32.8	32.4	31.9	31.5	28.6	25.1
30.0						32.2	32.3	32.0	31.8	31.6	31.3	31.1	30.9	30.8	30.7	30.7	30.6	30.6	30.6	30.0	29.5	28.7	28.4	26.7	23.4
32.0						30.2m ×31.8	28.8	29.4	29.1	28.9	28.7	28.4	28.2	27.9	27.8	27.7	27.6	27.6	27.6	26.9	26.5	26.1	25.7	25.0	21.8
34.0							32.8m ×27.4	26.7	26.8	26.6	26.3	26.1	25.9	25.6	25.4	25.1	25.0	25.0	25.0	24.5	24.1	23.7	23.4	23.2	20.4
36.0								35.4m ×24.4	24.8	24.6	24.3	24.1	23.9	23.6	23.3	23.1	22.8	22.7	22.7	22.2	21.9	21.7	21.4	21.1	19.1
38.0									21.9	22.8	22.5	22.3	22.1	21.8	21.5	21.3	21.0	21.0	21.0	20.6	20.1	19.9	19.6	19.3	17.9
40.0										20.5	21.0	20.7	20.5	20.2	20.0	19.7	19.4	19.3	19.3	18.9	18.5	18.3	18.0	17.7	16.8
42.0										40.6m ×19.8	19.0	19.3	19.1	18.8	18.5	18.3	18.0	17.8	17.6	17.3	17.1	16.9	16.5	16.3	15.8
44.0											43.2m ×17.7	17.7	17.8	17.5	17.2	17.0	16.7	16.5	16.4	16.1	15.8	15.6	15.2	15.0	14.8
46.0												45.8m ×15.9	16.4	16.3	16.1	15.8	15.6	15.4	15.2	14.8	14.6	14.4	14.0	13.8	13.6
48.0													14.7	15.1	15.0	14.8	14.5	14.3	14.1	13.8	13.5	13.3	13.0	12.8	12.5
50.0													48.4m ×14.3	13.5	13.8	13.8	13.5	13.3	13.1	12.8	12.6	12.3	12.0	11.8	11.6
52.0														51.0m ×12.7	12.4	12.7	12.6	12.4	12.2	11.9	11.7	11.4	11.1	10.9	10.6
54.0															53.6m ×11.3	11.4	11.5	11.6	11.4	11.1	10.8	10.6	10.2	9.9	9.6
56.0																10.1	10.3	10.9	10.6	10.3	10.1	9.8	9.4	9.0	8.7
58.0																56.2m ×10.0	9.2	10.1	9.9	9.6	9.3	9.0	8.5	8.2	7.9
60.0																	58.8m ×8.8	9.5	9.3	8.8	8.5	8.2	7.8	7.5	7.2
62.0																		61.4m ×9.1	8.6	8.1	7.8	7.5	7.1	6.8	6.5
64.0																			7.9	7.5	7.1	6.9	6.4	6.1	5.8
66.0																				6.8	6.5	6.2	5.8	5.5	5.2
68.0																				66.6m ×6.7	5.9	5.7	5.2	4.9	4.6
70.0																					69.2m ×5.6	5.1	4.7	4.3	4.1
72.0																						71.8m ×4.7	4.1	3.8	3.5
74.0																							3.7	3.3	3.1
76.0																							74.4m ×3.6	2.9	2.6
78.0																								77.1m ×2.6	2.2
80.0																									79.7m ×1.8

Notes

1. All rated loads are based on the machine being operated on the firm, level,uniformly supporting surface ground, at any point of 360-around the machine within 78% of tipping load and forward stability factor over 1.15.
   Working radius is horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
   Rated lifting loads smaller than bold line radius are based on structural strength factor.

2. To determine actual lifting loads, the weight of all lifting devices such as hook must be reduced from the lifting loads.
   - 300 ton hook ....3,300 kg
   - 200 ton hook ....2,700 kg
   - 150 ton hook ....2,400 kg
   - 90.0 ton hook ....1,900 kg
   - 60 ton hook ....1,800 kg
   - 35 ton hook ....1,200 kg
   - 13.5 ton hook ....600 kg

3. The following weight must be reduced from the lifting loads to determine rated lifting loads for main boom when the jib is equipped.
   - Aux. jib(1m) ....800 kg
   - Aux.jib(1.5m) ....1,000 kg
   - 13.0 m jib ....3,400 kg
   - 19.0 m jib ....4,100 kg
   - 25.0 m jib ....4,400 kg
   - 31.0 m jib ....5,200 kg
   - 37.0 m jib ....6,000 kg

4. Depending on the number of part lines, rated lifting loads are limited as follows;
   - 1 part line ....upto 13.5 ton
   - 2 part lines ....upto 27.0 ton
   - 3 part lines ....upto 40.5 ton
   - 4 part lines ....upto 54.0 ton
   - 5 part lines ....upto 67.5 ton
   - 6 part lines ....upto 81.0 ton
   - 7 part lines ....upto 94.5 ton
   - 8 part lines ...... upto 108.0 ton
   - 9 part lines ...... upto 121.5 ton
   - 10 part lines ....upto 135.0 ton
   - 11 part lines ....upto 148.5 ton
   - 12 part lines ....upto 162.0 ton
   - 13 part lines ....upto 175.5 ton
   - 14 part lines ....upto 189.0 ton
   - 15 part lines ....upto 202.5 ton
   - 16 part lines ....upto 216.0 ton
   - 20 part lines ....upto 300.0 ton

5. The Aux. jib can be equipped with the range of boom length from 18 m to 87 m boom. To determine the rated lifting loads, 0.8 ton (Aux.Jib(1.5 m) :1.0 ton) is reduced from the lifting loads in the same boom length in the lifting load chart. However the max. lifting loads should not exceed the 13.5 ton. (Aux. Jib(1.5 m): 25.0 ton)
6. When the 13 m~37 m jib mounted, the lifting loads to be determined by "Jib Rated Lifting Loads".
7. The total weight of the main hook and the jib hook must be reduced from the rated load when lifting on the jib hook with the main hook being attached.
8. The angle formed by the extension line of main boom and the centerline of jib (offset angle) should not exceed 30 degree while the loads being lifted.

■ Jib rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Boom length (m)	45										48									
Jib length (m)	13		19		25		31		37		13		19		25		31		37	
Jib offset angle / Working radius (m)	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
No. of Part line	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
14	27.0										15.0m×27.0									
16	27.0		16.5m×27.0								27.0		17.0m×27.0							
18	27.0	22.4	27.0		18.5m×13.5						27.0	18.5m×22.4	27.0		19.0m×13.5					
20	27.0	21.4	26.7		13.5		13.2		21.0m×8.8		27.0	21.7	27.0		13.5		20.5m×13.2		21.5m×8.8	
22	27.0	20.4	24.9	22.5m×13.5	13.5		12.6		8.5		27.0	20.8	25.6	23.0m×13.5	13.5		12.7		8.6	
24	27.0	19.5	23.4	13.5	13.5		12.1		8.1		27.0	19.9	24.1	13.5	13.5		12.3		8.3	
26	27.0	18.7	22.0	13.5	13.5	10.7	11.7		7.8		27.0	19.1	22.8	13.5	13.5	26.5m×10.7	11.8		7.9	
28	26.3	18.0	20.6	13.5	13.5	10.2	11.2		7.5		27.0	18.4	21.3	13.5	13.5	10.4	11.4		7.6	
30	25.3	17.4	19.4	13.5	13.5	9.8	10.8	7.0	7.2		25.7	17.7	20.1	13.5	13.5	9.9	11.0	7.0	7.3	
32	24.0	16.8	18.3	13.3	13.5	9.4	10.5	6.9	6.9	5.2	24.5	17.1	18.9	13.5	13.5	9.6	10.6	7.0	7.0	32.5m×5.2
34	22.9	16.2	17.3	13.0	13.5	9.1	10.1	6.8	6.6	5.1	23.2	16.6	17.9	13.2	13.5	9.2	10.3	6.8	6.7	5.1
36	21.8	15.7	16.4	12.6	13.5	8.7	9.8	6.6	6.3	4.9	21.8	16.1	17.0	12.8	13.5	8.9	10.0	6.7	6.5	5.0
38	20.6	15.3	15.6	12.2	13.5	8.4	9.5	6.5	6.1	4.8	20.3	15.6	16.2	12.4	13.5	8.6	9.7	6.5	6.2	4.8
40	19.3	14.9	14.9	11.8	13.1	8.2	9.2	6.3	5.9	4.7	19.0	15.2	15.5	12.0	13.5	8.3	9.4	6.4	6.0	4.7
42	17.9	14.5	14.2	11.5	12.6	7.9	9.0	6.2	5.7	4.5	17.6	14.8	14.8	11.7	13.0	8.1	9.1	6.3	5.8	4.6
44	16.7	14.2	13.6	11.2	12.0	7.7	8.7	6.1	5.5	4.4	16.4	14.5	14.2	11.4	12.4	7.8	8.9	6.1	5.6	4.5
46	15.5	13.9	13.1	10.9	11.5	7.5	8.5	6.0	5.3	4.3	15.2	13.9	13.6	11.1	11.9	7.6	8.6	6.0	5.4	4.4
48	14.5	13.3	12.6	10.7	11.0	7.3	8.2	5.8	5.1	4.2	14.2	13.3	13.1	10.9	11.4	7.4	8.4	5.9	5.3	4.3
50	13.5	12.7	12.1	10.4	10.5	7.1	8.0	5.7	5.0	4.1	13.3	12.7	12.6	10.6	10.9	7.2	8.2	5.8	5.1	4.2
52	12.7	12.1	11.7	10.2	10.1	6.9	7.8	5.6	4.8	4.0	12.4	11.9	12.1	10.4	10.5	7.0	8.0	5.7	4.9	4.1
54	53.0m×12.3	53.5m×11.5	11.3	10.1	9.7	6.8	7.6	5.4	4.7	3.9	11.6	11.1	11.7	10.2	10.1	6.9	7.8	5.5	4.8	4.0
56			10.9	9.9	9.4	6.6	7.5	5.3	4.5	3.8	55.5m×11.0	10.3	10.9	10.1	9.8	6.7	7.6	5.4	4.6	3.9
58			10.5	9.8	9.1	6.5	7.3	5.1	4.4	3.8		56.5m×8.8	10.3	9.9	9.4	6.6	7.5	5.3	4.5	3.8
60			58.5m×10.4	9.8	8.8	6.4	7.1	5.0	4.3	3.7			9.7	9.7	9.1	6.5	7.3	5.1	4.4	3.7
62					8.5	6.3	7.0	4.9	4.2	3.6			61.0m×9.4	9.0	8.8	6.4	7.2	5.0	4.3	3.7
64					8.2	6.3	6.9	4.8	4.0	3.6				62.5m×8.9	8.6	6.3	7.0	4.9	4.2	3.6
66					64.5m×8.2	6.3	6.6	4.7	3.9	3.5					8.3	6.3	6.9	4.8	4.0	3.6
68							6.4	4.7	3.8	3.5					67.0m×8.2	6.3	6.7	4.7	3.9	3.5
70							6.2	4.6	3.7	3.4						68.5m×6.3	6.5	4.7	3.8	3.5
72								4.5	3.6	3.4							6.3	4.6	3.8	3.4
74									3.6	3.4							72.5m×6.2	4.4	3.7	3.4
76									75.0m×3.5	3.3								74.5m×4.4	3.6	3.4
78										3.3									77.5m×3.5	3.3
80																				3.3
82																				80.5m×3.3

Boom length (m)	51										54									
Jib length (m)	13		19		25		31		37		13		19		25		31		37	
Jib offset angle / Working radius (m)	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
No. of Part line	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
14	15.0m×27.0																			
16	27.0		17.5m×27.0								27.0									
18	27.0	19.0m×22.4	27.0		19.5m×13.5						27.0	19.5m×22.4	27.0							
20	27.0	21.9	27.0		13.5		21.0m×13.2				27.0	22.2	27.0		20.5m×13.5		21.5m×13.2			
22	27.0	21.1	26.0	23.5m×13.5	13.5		12.9		8.8		27.0	21.4	26.8		13.5		13.0		22.5m×8.8	
24	27.0	20.2	24.5	13.5	13.5		12.4		8.4		27.0	20.5	25.2	13.5	13.5		12.6		8.5	
26	27.0	19.4	23.2	13.5	13.5	27.0m×10.7	12.0		8.0		27.0	19.7	23.9	13.5	13.5	27.5m×10.7	12.1		8.1	
28	27.0	18.7	22.0	13.5	13.5	10.5	11.6		7.7		27.0	19.0	22.7	13.5	13.5	10.6	11.7		7.8	
30	26.0	18.1	20.7	13.5	13.5	10.1	11.2	30.5m×7.0	7.4		27.0	18.4	21.4	13.5	13.5	10.2	11.3	31.0m×7.0	7.5	
32	24.6	17.5	19.6	13.5	13.5	9.7	10.8	7.0	7.1	33.0m×5.2	25.3	17.8	20.2	13.5	13.5	9.8	11.0	7.0	7.2	
34	23.2	16.9	18.5	13.5	13.5	9.4	10.5	6.9	6.8	5.2	23.4	17.2	19.1	13.5	13.5	9.5	10.6	6.9	7.0	5.2
36	21.5	16.4	17.6	13.0	13.5	9.0	10.2	6.7	6.6	5.0	21.8	16.7	18.2	13.2	13.5	9.2	10.3	6.8	6.7	5.1
38	20.1	16.0	16.8	12.6	13.5	8.7	9.9	6.6	6.4	4.9	20.3	16.3	17.3	12.9	13.5	8.9	10.0	6.6	6.5	4.9
40	18.8	15.5	16.0	12.3	13.5	8.5	9.6	6.4	6.1	4.8	19.0	15.9	16.6	12.5	13.5	8.6	9.7	6.5	6.3	4.8
42	17.4	15.2	15.3	11.9	13.5	8.2	9.3	6.3	5.9	4.6	17.6	15.5	15.8	12.2	13.5	8.4	9.5	6.4	6.1	4.7
44	16.1	14.6	14.7	11.6	12.9	8.0	9.1	6.2	5.7	4.5	16.4	14.9	15.2	11.8	13.3	8.1	9.2	6.3	5.9	4.6
46	15.0	14.0	14.1	11.3	12.3	7.8	8.8	6.1	5.6	4.4	15.2	14.3	14.6	11.6	12.7	7.9	9.0	6.1	5.7	4.5
48	13.9	13.5	13.6	11.1	11.8	7.6	8.6	6.0	5.4	4.3	14.2	13.7	14.0	11.3	12.2	7.7	8.8	6.0	5.5	4.4
50	13.0	12.5	13.1	10.8	11.3	7.4	8.4	5.9	5.2	4.2	13.3	12.8	13.3	11.0	11.7	7.5	8.5	5.9	5.3	4.3
52	12.1	11.7	12.2	10.6	10.9	7.2	8.2	5.8	5.1	4.1	12.4	11.9	12.4	10.8	11.3	7.3	8.3	5.9	5.2	4.2
54	11.3	10.9	11.4	10.4	10.5	7.0	8.0	5.6	4.9	4.0	11.6	11.2	11.6	10.6	10.9	7.2	8.1	5.7	5.0	4.1
56	10.6	10.1	10.7	10.3	10.1	6.9	7.8	5.5	4.8	4.0	10.9	10.4	10.9	10.4	10.5	7.0	8.0	5.6	4.9	4.0
58	9.9	9.5	10.0	10.1	9.8	6.7	7.6	5.4	4.6	3.9	10.2	9.7	10.2	10.3	10.1	6.9	7.8	5.5	4.7	3.9
60		59.0m×9.1	9.4	9.5	9.5	6.6	7.5	5.2	4.5	3.8	9.5	9.1	9.6	9.7	9.8	6.7	7.6	5.3	4.6	3.9
62			8.8	8.9	9.2	6.5	7.3	5.1	4.4	3.7	60.5m×9.4	61.5m×8.7	9.1	9.1	9.5	6.6	7.5	5.2	4.5	3.8
64			8.3	8.3	8.9	6.4	7.2	5.0	4.3	3.7			8.5	8.5	9.2	6.5	7.3	5.1	4.4	3.7
66				65.0m×8.0	8.4	6.3	7.0	4.9	4.2	3.6			8.0	8.0	8.7	6.4	7.2	5.0	4.3	3.7
68					8.0	6.2	6.9	4.8	4.1	3.5			66.5m×7.9	7.5	8.2	6.3	7.0	4.9	4.2	3.6
70					69.5m×7.6	6.2	6.7	4.8	4.0	3.5					7.7	6.2	6.9	4.8	4.1	3.5
72						71.0m×6.1	6.5	4.7	3.9	3.5					7.2	6.1	6.8	4.8	4.0	3.5
74							6.4	4.6	3.8	3.4					72.5m×7.1	5.7	6.6	4.7	3.9	3.5
76							75.0m×6.3	4.5	3.7	3.4							6.4	4.6	3.8	3.4
78								77.0m×4.4	3.6	3.4							6.2	4.5	3.7	3.4
80									3.5	3.3								4.4	3.6	3.4
82										3.3									3.5	3.3
84										83.0m×3.3									83.0m×3.5	3.3
86																				3.3

■ Jib rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Boom length (m)	57									
Jib length (m)	13		19		25		31		37	
Jib offset angle / Working radius (m)	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
No. of Part line	2	2	2	1	1	1	1	1	1	1
16	16.5m× 27.0									
18	27.0		18.5m× 27.0							
20	27.0	22.4	27.0		21.0m× 13.5					
22	27.0	21.6	27.0		13.5		13.2		23.0m× 8.8	
24	27.0	20.8	25.6	24.5m× 13.5	13.5		12.7		8.6	
26	27.0	20.0	24.2	13.5	13.5		12.3		8.2	
28	27.0	19.3	23.0	13.5	13.5	10.7	11.9		7.9	
30	27.0	18.7	22.0	13.5	13.5	10.3	11.5		7.6	
32	25.0	18.1	20.8	13.5	13.5	9.9	11.1	31.5m× 7.0	7.3	
34	23.2	17.6	19.7	13.5	13.5	9.6	10.8	7.0	7.1	34.5m× 5.2
36	21.5	17.0	18.8	13.5	13.5	9.3	10.5	7.0	6.8	5.1
38	20.1	16.6	17.9	13.1	13.5	9.0	10.2	6.8	6.6	5.0
40	18.7	16.2	17.1	12.7	13.5	8.7	9.9	6.7	6.4	4.9
42	17.3	15.6	16.4	12.4	13.5	8.5	9.6	6.6	6.2	4.7
44	16.1	15.1	15.7	12.1	13.5	8.2	9.4	6.4	6.0	4.6
46	15.0	14.5	14.9	11.8	13.2	8.0	9.1	6.3	5.8	4.5
48	13.9	13.5	13.9	11.5	12.6	7.8	8.9	6.2	5.6	4.4
50	13.0	12.6	13.0	11.2	12.1	7.6	8.7	6.1	5.5	4.3
52	12.1	11.7	12.2	11.0	11.7	7.5	8.5	6.0	5.3	4.2
54	11.3	10.9	11.4	10.8	11.2	7.3	8.3	5.9	5.1	4.1
56	10.6	10.2	10.7	10.6	10.8	7.1	8.1	5.8	5.0	4.1
58	9.9	9.5	10.0	10.1	10.5	7.0	7.9	5.7	4.9	4.0
60	9.3	8.9	9.4	9.5	10.1	6.9	7.8	5.6	4.7	3.9
62	8.6	8.3	8.8	8.9	9.5	6.7	7.6	5.4	4.6	3.8
64	63.0m× 8.4	7.8	8.2	8.3	8.9	6.6	7.5	5.3	4.5	3.8
66			7.7	7.8	8.4	6.5	7.3	5.2	4.4	3.7
68			7.2	7.3	7.9	6.4	7.2	5.1	4.3	3.6
70			69.0m× 7.0	6.8	7.4	6.2	7.1	5.0	4.2	3.6
72				70.5m× 6.6	7.0	6.0	6.9	4.9	4.1	3.5
74					6.6	5.5	6.6	4.8	4.0	3.5
76					75.0m× 6.2	5.1	6.3	4.8	3.9	3.5
78						76.5m× 5.0	5.9	4.7	3.8	3.4
80							5.5	4.6	3.7	3.4
82							80.5m× 5.4	4.6	3.6	3.4
84								4.5	3.6	3.3
86								82.5m× 4.4	85.5m× 3.5	3.3
88										3.3
90										88.5m× 3.3
92										

Boom length (m)	60									
Jib length (m)	13		19		25		31		37	
Jib offset angle / Working radius (m)	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
No. of Part line	2	2	2	1	1	1	1	1	1	1
16	17.0m× 27.0									
18	27.0		19.0m× 27.0							
20	27.0	21.0m× 22.4	27.0		21.5m× 13.5					
22	27.0	21.9	27.0		13.5		22.5m× 13.2		23.5m× 8.8	
24	27.0	21.1	26.2	25.0m× 13.5	13.5		12.8		8.8	
26	27.0	20.3	24.8	13.5	13.5		12.4		8.8	
28	27.0	19.6	23.7	13.5	13.5	28.5m× 10.7	12.0		8.5	
30	26.0	19.0	22.6	13.5	13.5	10.4	11.6		8.2	
32	24.6	18.4	21.4	13.5	13.5	10.1	11.3	7.0	7.9	
34	22.9	17.8	20.3	13.5	13.5	9.7	10.9	7.0	7.6	35.0m× 5.2
36	21.3	17.3	19.3	13.5	13.5	9.4	10.6	6.9	7.4	5.2
38	19.8	16.9	18.4	13.2	13.5	9.1	10.3	6.7	7.1	5.0
40	18.5	16.4	17.6	12.9	13.5	8.9	10.1	6.6	6.9	4.9
42	17.1	15.7	16.9	12.6	13.5	8.6	9.8	6.5	6.7	4.8
44	15.9	15.0	15.8	12.3	13.5	8.4	9.5	6.4	6.5	4.7
46	14.7	14.3	14.7	12.0	13.5	8.2	9.3	6.3	6.3	4.6
48	13.7	13.3	13.7	11.7	13.0	8.0	9.1	6.2	6.1	4.5
50	12.7	12.4	12.8	11.4	12.5	7.8	8.9	6.1	5.9	4.4
52	11.9	11.5	11.9	11.2	12.0	7.6	8.6	6.0	5.7	4.3
54	11.1	10.7	11.1	11.0	11.6	7.4	8.5	5.9	5.6	4.2
56	10.3	10.0	10.4	10.7	11.2	7.3	8.3	5.8	5.4	4.1
58	9.6	9.3	9.7	10.0	10.5	7.1	8.1	5.7	5.3	4.0
60	9.0	8.7	9.1	9.3	9.9	7.0	7.9	5.5	5.1	4.0
62	8.4	8.1	8.6	8.7	9.3	6.8	7.8	5.4	5.0	3.9
64	7.8	7.5	8.0	8.1	8.7	6.7	7.6	5.3	4.9	3.8
66	65.5m× 7.4	7.0	7.5	7.6	8.2	6.6	7.5	5.2	4.7	3.8
68		66.5m× 6.8	7.0	7.1	7.7	6.5	7.3	5.1	4.6	3.7
70			6.3	6.6	7.1	6.1	7.1	5.0	4.5	3.6
72			71.5m× 6.1	6.0	6.6	5.8	7.0	4.9	4.4	3.6
74				73.0m× 5.8	6.2	5.4	6.5	4.8	4.3	3.5
76					5.7	4.9	6.0	4.8	4.2	3.5
78					77.5m× 5.4	4.6	5.6	4.7	4.1	3.5
80						79.0m× 4.3	5.2	4.6	4.0	3.4
82							4.8	4.5	4.0	3.4
84							83.0m× 4.6	4.3	3.9	3.4
86								85.0m× 4.2	3.8	3.4
88									3.7	3.3
90										3.3
92										91.0m× 3.3

Boom length (m)	63									
Jib length (m)	13		19		25		31		37	
Jib offset angle / Working radius (m)	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
No. of Part line	2	2	2	1	1	1	1	1	1	1
16	17.5m× 27.0									
18	27.0		19.5m× 27.0							
20	27.0	21.5m× 22.4	27.0							
22	27.0	22.2	27.0		13.5		23.0m× 13.2			
24	27.0	21.3	26.5	25.5m× 13.5	13.5		12.9		8.8	
26	27.0	20.6	25.1	13.5	13.5		12.5		8.8	
28	27.0	19.9	24.0	13.5	13.5	29.5m× 10.7	12.1		8.6	
30	26.0	19.3	22.9	13.5	13.5	10.5	11.8		8.3	
32	24.6	18.7	22.0	13.5	13.5	10.2	11.4	32.5m× 7.0	8.0	
34	22.7	18.1	20.9	13.5	13.5	9.8	11.1	7.0	7.7	35.5m× 5.2
36	21.1	17.6	19.9	13.5	13.5	9.5	10.8	6.9	7.5	5.2
38	19.6	17.2	19.0	13.5	13.5	9.3	10.5	6.8	7.2	5.1
40	18.3	16.7	18.1	13.1	13.5	9.0	10.2	6.7	7.0	4.9
42	16.9	15.8	16.8	12.8	13.5	8.7	9.9	6.5	6.8	4.8
44	15.6	15.0	15.6	12.5	13.5	8.5	9.7	6.4	6.6	4.7
46	14.5	14.1	14.5	12.2	13.5	8.3	9.4	6.3	6.4	4.6
48	13.5	13.1	13.5	11.9	13.4	8.1	9.2	6.2	6.2	4.5
50	12.5	12.2	12.5	11.6	12.9	7.9	9.0	6.1	6.0	4.4
52	11.6	11.3	11.7	11.4	12.4	7.7	8.8	6.0	5.8	4.3
54	10.8	10.5	10.9	11.2	11.7	7.5	8.6	5.9	5.7	4.2
56	10.1	9.8	10.2	10.5	11.0	7.4	8.4	5.9	5.5	4.2
58	9.4	9.1	9.5	9.8	10.3	7.2	8.2	5.8	5.4	4.1
60	8.8	8.5	8.9	9.1	9.6	7.1	8.1	5.6	5.2	4.0
62	8.2	7.9	8.3	8.6	9.0	7.0	7.9	5.5	5.1	3.9
64	7.5	7.3	7.8	8.0	8.5	6.8	7.7	5.4	5.0	3.9
66	6.9	6.7	7.2	7.4	7.9	6.7	7.6	5.3	4.9	3.8
68	6.4	6.1	6.7	6.9	7.4	6.5	7.5	5.2	4.7	3.7
70	68.5m× 6.2	69.0m× 5.9	6.2	6.3	6.9	6.0	7.1	5.1	4.6	3.7
72			5.7	5.8	6.3	5.6	6.7	5.0	4.5	3.6
74			5.2	5.3	5.9	5.2	6.2	4.9	4.4	3.6
76				75.5m× 4.9	5.4	4.7	5.7	4.8	4.3	3.5
78					5.0	4.5	5.3	4.7	4.2	3.5
80					4.5	4.4	4.9	4.5	4.1	3.5
82						4.0	4.5	4.3	4.1	3.4
84							4.1	4.1	4.0	3.4
86							85.5m× 3.8	4.0	3.9	3.4
88								87.5m× 3.9	3.8	3.3
90									3.6	3.3
92									91.0m× 3.4	3.3
94										93.5m× 3.1
96										
98										

Boom length (m)	66									
Jib length (m)	13		19		25		31		37	
Jib offset angle / Working radius (m)	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
No. of Part line	2	2	2	1	1	1	1	1	1	1
16										
18	27.0									
20	27.0		27.0							
22	27.0	22.4	27.0		22.5m× 13.5		23.5m× 13.2			
24	27.0	21.6	27.0		13.5		13.1		24.5m× 8.8	
26	27.0	20.8	25.7	13.5	13.5		12.7		8.5	
28	27.0	20.2	24.5	13.5	13.5		12.3		8.2	
30	25.7	19.5	23.5	13.5	13.5	10.7	11.9		7.9	
32	24.1	18.9	22.5	13.5	13.5	10.3	11.6	33.0m× 7.0	7.7	
34	22.5	18.4	21.4	13.5	13.5	10.0	11.2	7.0	7.4	
36	20.8	17.9	20.4	13.5	13.5	9.6	10.9	7.0	7.2	5.2
38	19.3	17.4	19.4	13.5	13.5	9.4	10.6	6.8	6.9	5.1
40	18.0	16.6	17.9	13.2	13.5	9.1	10.3	6.7	6.7	5.0
42	16.6	15.8	16.6	13.0	13.5	8.9	10.1	6.6	6.5	4.9
44	15.4	15.0	15.3	12.6	13.5	8.6	9.8	6.5	6.3	4.8
46	14.2	13.9	14.2	12.3	13.5	8.4	9.6	6.4	6.1	4.7
48	13.2	12.9	13.2	12.1	13.5	8.2	9.4	6.3	5.9	4.6
50	12.2	12.0	12.3	11.8	13.2	8.0	9.1	6.2	5.8	4.5
52	11.4	11.1	11.4	11.6	12.3	7.8	8.9	6.1	5.6	4.4
54	10.6	10.3	10.7	11.0	11.5	7.6	8.7	6.0	5.5	4.3
56	9.8	9.6	9.9	10.3	10.7	7.5	8.6	5.9	5.3	4.2
58	9.1	8.9	9.3	9.6	10.0	7.3	8.4	5.8	5.2	4.1
60	8.5	8.3	8.6	8.9	9.4	7.2	8.2	5.7	5.0	4.1
62	7.8	7.6	8.1	8.3	8.8	7.1	8.0	5.6	4.9	4.0
64	7.2	7.0	7.5	7.8	8.2	6.9	7.9	5.5	4.8	3.9
66	6.6	6.4	6.9	7.2	7.6	6.6	7.6	5.4	4.7	3.9
68	6.0	5.8	6.3	6.6	7.0	6.3	7.4	5.3	4.6	3.8
70	5.5	5.3	5.8	6.0	6.5	5.8	6.8	5.2	4.5	3.7
72	71.0m× 5.2	4.8	5.3	5.5	6.0	5.3	6.3	5.1	4.4	3.7
74			4.8	5.0	5.5	5.1	5.8	4.9	4.3	3.6
76			4.4	4.5	5.0	4.8	5.4	4.7	4.2	3.6
78			76.5m× 4.3	4.1	4.6	4.4	4.9	4.5	4.1	3.5
80				78.5m× 4.0	4.2	4.1	4.5	4.3	4.0	3.5
82					3.9	3.8	4.1	4.1	3.9	3.5
84					83.0m× 3.6	3.4	3.7	3.9	3.8	3.4
86						84.5m× 3.3	3.4	3.6	3.6	3.4
88							3.0	3.4	3.3	3.4
90								3.2	3.0	3.2
92								90.5m× 3.1	2.7	3.1
94									93.5m× 2.4	2.7
96										2.4
98										96.5m× 2.3

Jib rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Boom length (m)	69										72									
Jib length (m)	13		19		25		31		37		13		19		25		31		37	
Jib offset angle / Working radius (m)	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
No. of Part line	2	2	2	1	1	1	1	1	1	1	2	2	2	,1	1	1	1	1	1	1
18	18.5m×27.0										19.0m×27.0									
20	27.0		20.5m×27.0								27.0		21.0m×27.0							
22	27.0	22.5m×22.4	27.0		23.0m×13.5						27.0	23.0m×22.4	27.0		23.5m×13.5					
24	27.0	21.8	27.0		13.5		13.2		25.0m×8.8		27.0	22.0	27.0		13.5		24.5m×13.2		25.5m×8.8	
26	27.0	21.1	26.0	26.5m×13.5	13.5		12.8		8.6		27.0	21.3	26.2	27.0m×13.5	13.5		12.9		8.7	
28	27.0	20.4	24.8	13.5	13.5		12.4		8.3		27.0	20.6	25.0	13.5	13.5		12.5		8.4	
30	25.7	19.8	23.7	13.5	13.5	30.5m×10.7	12.0		8.0		25.6	20.0	24.0	13.5	13.5	31.0m×10.7	12.1		8.1	
32	24.2	19.2	22.8	13.5	13.5	10.4	11.7	33.5m×7.0	7.8		24.1	19.4	23.0	13.5	13.5	10.5	11.8		7.9	
34	22.3	18.7	21.9	13.5	13.5	10.1	11.4	7.0	7.5		22.2	18.9	22.2	13.5	13.5	10.2	11.5	7.0	7.6	
36	20.7	18.2	20.9	13.5	13.5	9.8	11.1	7.0	7.3	36.5m×5.2	20.6	18.4	20.9	13.5	13.5	9.9	11.2	7.0	7.4	37.0m×5.2
38	19.2	17.7	19.3	13.5	13.5	9.5	10.8	6.9	7.0	5.1	19.1	17.6	19.2	13.5	13.5	9.6	10.9	6.9	7.1	5.2
40	17.8	16.8	17.8	13.5	13.5	9.2	10.5	6.8	6.8	5.0	17.7	16.8	17.7	13.5	13.5	9.3	10.6	6.8	6.9	5.1
42	16.4	15.8	16.4	13.1	13.5	9.0	10.2	6.6	6.6	4.9	16.3	16.0	16.3	13.3	13.5	9.1	10.4	6.7	6.7	4.9
44	15.2	14.9	15.2	12.8	13.5	8.7	10.0	6.5	6.4	4.8	15.1	14.8	15.1	13.0	13.5	8.8	10.1	6.6	6.5	4.8
46	14.0	13.8	14.1	12.5	13.5	8.5	9.7	6.4	6.2	4.7	13.9	13.7	14.0	12.7	13.5	8.6	9.9	6.5	6.3	4.7
48	13.0	12.7	13.1	12.2	13.5	8.3	9.5	6.3	6.1	4.6	12.9	12.7	12.9	12.4	13.5	8.4	9.6	6.4	6.2	4.6
50	12.0	11.8	12.1	12.0	13.0	8.1	9.3	6.2	5.9	4.5	11.9	11.7	12.0	12.2	12.9	8.2	9.4	6.3	6.0	4.6
52	11.2	11.0	11.3	11.7	12.1	7.9	9.1	6.1	5.7	4.4	11.1	10.9	11.2	11.6	12.0	8.0	9.2	6.2	5.8	4.5
54	10.4	10.2	10.5	10.9	11.3	7.8	8.9	6.0	5.6	4.3	10.3	10.1	10.4	10.8	11.2	7.9	9.0	6.1	5.7	4.4
56	9.6	9.4	9.8	10.1	10.5	7.6	8.7	6.0	5.4	4.3	9.5	9.3	9.6	10.0	10.4	7.7	8.8	6.0	5.5	4.3
58	8.9	8.7	9.1	9.4	9.8	7.4	8.5	5.9	5.3	4.2	8.8	8.7	9.0	9.3	9.7	7.6	8.7	5.9	5.4	4.2
60	8.2	8.1	8.5	8.8	9.2	7.3	8.3	5.8	5.2	4.1	8.0	8.0	8.3	8.7	9.1	7.4	8.5	5.9	5.2	4.1
62	7.5	7.4	7.8	8.2	8.6	7.2	8.2	5.7	5.0	4.0	7.4	7.3	7.7	8.1	8.4	7.2	8.3	5.8	5.1	4.1
64	6.9	6.8	7.2	7.5	8.0	7.0	8.0	5.6	4.9	4.0	6.7	6.6	7.0	7.4	7.8	7.0	8.1	5.7	5.0	4.0
66	6.3	6.2	6.6	6.9	7.4	6.6	7.5	5.5	4.8	3.9	6.1	6.1	6.4	6.8	7.2	6.5	7.5	5.5	4.9	3.9
68	5.7	5.6	6.0	6.3	6.8	6.1	7.1	5.4	4.7	3.8	5.5	5.5	5.9	6.2	6.6	6.0	6.9	5.4	4.8	3.9
70	5.2	5.1	5.5	5.8	6.2	5.7	6.5	5.2	4.6	3.8	5.0	5.0	5.4	5.7	6.0	5.6	6.4	5.3	4.7	3.8
72	4.7	4.6	5.0	5.3	5.7	5.3	6.0	5.0	4.5	3.7	4.5	4.4	4.9	5.1	5.5	5.2	5.8	5.2	4.6	3.8
74	73.5m×4.3	4.1	4.6	4.8	5.2	5.0	5.5	4.8	4.4	3.7	4.0	4.0	4.4	4.7	5.0	4.8	5.4	5.0	4.5	3.7
76		74.5m×4.0	4.1	4.3	4.7	4.6	5.1	4.7	4.3	3.6	3.6	3.5	3.9	4.2	4.6	4.5	4.9	4.9	4.4	3.7
78			3.7	3.9	4.3	4.2	4.6	4.5	4.2	3.6		77.0m×3.3	3.5	3.7	4.1	4.1	4.5	4.7	4.3	3.6
80			79.5m×3.4	3.4	3.9	3.9	4.2	4.4	4.1	3.5			3.1	3.3	3.7	3.8	4.0	4.5	4.2	3.6
82				81.0m×3.2	3.5	3.5	3.8	4.1	3.9	3.5			2.8	2.9	3.3	3.4	3.7	4.1	3.8	3.5
84					3.1	3.2	3.5	3.9	3.7	3.5				83.5m×2.6	2.9	3.1	3.3	3.8	3.5	3.5
86					85.5m×2.9	2.8	3.1	3.5	3.4	3.4					2.6	2.7	2.9	3.4	3.2	3.4
88						87.0m×2.7	2.8	3.1	3.0	3.4					2.2	2.4	2.6	3.0	2.8	3.2
90							2.4	2.8	2.7	3.1						89.5m×2.2	2.3	2.6	2.5	3.0
92							91.0m×2.3	2.4	2.4	2.9							1.9	2.3	2.2	2.7
94								93.0m×2.2	2.1	2.5							93.5m×1.7	1.9	1.9	2.4
96									1.8	2.2								95.5m×1.7	1.6	2.0
98										1.9									1.4	1.7
100										99.0m×1.7										1.4

Aux.Jib(1m) rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Boom length (m) / Working radius (m)	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87
No. of Part line	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	6.1m×13.5	6.6m×13.5																						
7	13.5	13.5	7.2m×13.5	7.7m×13.5																				
8	13.5	13.5	13.5	13.5	8.2m×13.5	8.7m×13.5																		
9	13.5	13.5	13.5	13.5	13.5	13.5	9.2m×13.5	9.8m×13.5																
10	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	10.3m×13.5	10.8m×13.5	11.3m×13.5	11.8m×13.5												
12	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	12.4m×13.5	12.9m×13.5	13.4m×13.5	13.9m×13.5								
14	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	14.4m×13.5	15.0m×13.5	15.5m×13.5					
16	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	16.5m×13.5	17.0m×13.5	17.6m×13.5	
18	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	18.1m×13.5
20	18.9×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
22		21.5m×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
24			13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
26			24.1m×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
28				26.7m×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30					29.3m×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
32						31.9m×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
34							13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
36							34.5m×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
38								37.1m×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
40									39.7m×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
42										13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
44										42.3m×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
46											44.9m×13.5	45.8m×13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.2	13.0
48													13.5	13.5	13.5	13.5	13.5	13.5	13.3	13.0	12.7	12.5	12.2	12.0
50													48.4m×13.5	12.7	13.0	13.0	12.7	12.5	12.3	12.0	11.8	11.5	11.2	11.0
52														51.0m×11.9	11.6	11.9	11.8	11.6	11.4	11.1	10.9	10.6	10.3	10.1
54															53.6m×10.5	10.6	10.7	10.8	10.6	10.3	10.0	9.8	9.4	9.1
56																9.3	9.5	10.1	9.8	9.5	9.3	9.0	8.6	8.2
58																56.2m×9.2	8.4	9.3	9.1	8.8	8.5	8.2	7.7	7.4
60																	58.8m×8.0	8.7	8.5	8.0	7.7	7.4	7.0	6.7
62																		61.4m×8.3	7.8	7.3	7.0	6.7	6.3	6.0
64																			7.1	6.7	6.3	6.1	5.6	5.3
66																				6.0	5.7	5.4	5.0	4.7
68																				66.6m×5.9	5.1	4.9	4.4	4.1
70																					69.2m×4.8	4.3	3.9	3.5
72																						71.8m×3.9	3.3	

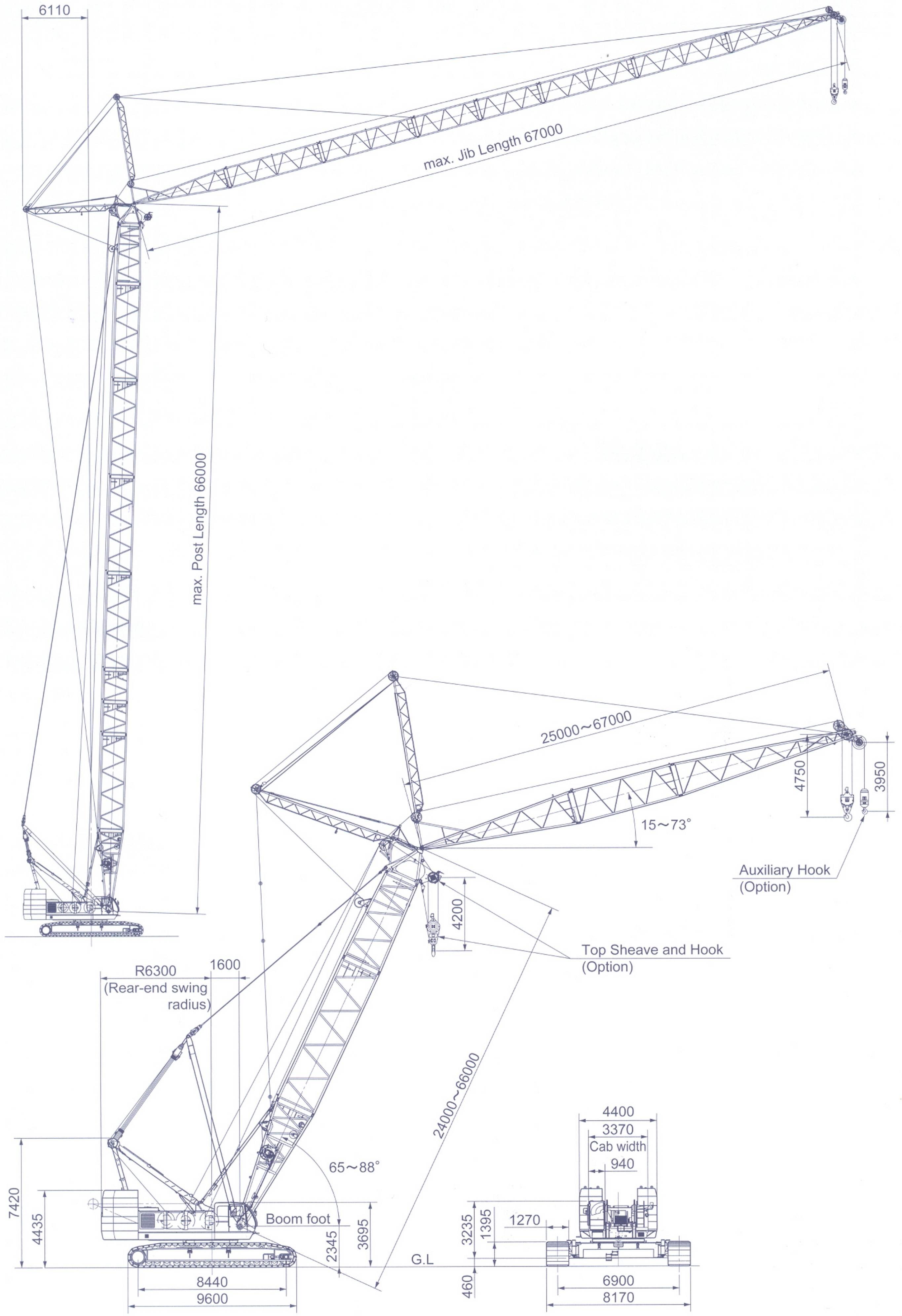
Aux.Jib(1.5m) rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Boom length (m) / Working radius (m)	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87
No. of Part line	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	6.5m ×25.0																							
7	25.0	25.0	7.5m ×25.0																					
8	25.0	25.0	25.0	8.1m ×25.0	8.6m ×25.0																			
9	25.0	25.0	25.0	25.0	25.0	9.1m ×25.0	9.6m ×25.0																	
10	25.0	25.0	25.0	25.0	25.0	25.0	25.0	10.1m ×13.5	10.7m ×25.0	11.2m ×25.0	11.7m ×25.0													
12	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	12.2m ×25.0	12.7m ×25.0	13.3m ×25.0	13.8m ×25.0									
14	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	14.3m ×25.0	14.8m ×25.0	15.4m ×25.0	15.9m ×25.0					
16	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	16.4m ×25.0	16.9m ×25.0	17.4m ×25.0		
18	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	18.5m ×25.0
20	18.9m ×25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
22		21.5m ×25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
24			25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
26			24.1m ×25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
28				26.7m ×25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
30					29.3m ×25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
32						31.9m ×25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.7	24.0
34							25.0	25.0	25.0	25.0	25.0	25.0	24.9	24.6	24.4	24.1	24.0	24.0	24.0	23.5	23.1	22.7	22.4	22.2
36							34.5m ×25.0	35.4m ×23.4	23.8	23.6	23.3	23.1	22.9	22.6	22.3	22.1	21.8	21.7	21.7	21.2	20.9	20.7	20.4	20.1
38									20.9	21.8	21.5	21.3	21.1	20.8	20.5	20.3	20.0	20.0	20.0	19.6	19.1	18.9	18.6	18.3
40										19.5	20.0	19.7	19.5	19.2	19.0	18.7	18.4	18.3	18.3	17.9	17.5	17.3	17.0	16.7
42										40.6m ×18.8	18.0	18.3	18.1	17.8	17.5	17.3	17.0	16.8	16.6	16.3	16.1	15.9	15.5	15.3
44											43.2m ×16.7	16.7	16.8	16.5	16.2	16.0	15.7	15.5	15.4	15.1	14.8	14.6	14.2	14.0
46												45.8m ×14.9	15.4	15.3	15.1	14.8	14.6	14.4	14.2	13.8	13.6	13.4	13.0	12.8
48													13.7	14.1	14.0	13.8	13.5	13.3	13.1	12.8	12.5	12.3	12.0	11.8
50													48.4m ×13.3	12.5	12.8	12.8	12.5	12.3	12.1	11.8	11.6	11.3	11.0	10.8
52														51.0m ×11.7	11.4	11.7	11.6	11.4	11.2	10.9	10.7	10.4	10.1	9.9
54															53.6m ×10.3	10.4	10.5	10.6	10.4	10.1	9.8	9.6	9.2	8.9
56																9.1	9.3	9.9	9.6	9.3	9.1	8.8	8.4	8.0
58																56.2m ×9.0	8.2	9.1	8.9	8.6	8.3	8.0	7.5	7.2
60																	58.8m ×7.8	8.5	8.3	7.8	7.5	7.2	6.8	6.5
62																		61.4m ×8.1	7.6	7.1	6.8	6.5	6.1	5.8
64																			6.9	6.5	6.1	5.9	5.4	5.1
66																				5.8	5.5	5.2	4.8	4.5
68																				66.6m ×5.7	4.9	4.7	4.2	3.9
70																					69.2m ×4.6	4.1	3.7	3.3
72																						71.8m ×3.7	3.1	

Luffing Jib Crane

General Dimensions (with Post and jib) (Unit : mm)



Luffing Jib Crane

Specifications

Max.lifting capacity (metric ton)×working radius (m)		90.0×10.1
Max.height of jib hook, (post+jib) (m)		127.0 (66+67)
Rope speed	Main hook hoisting/lowering (m/min)	∗120/60·55/28
	Jib hook hoisting/lowering (m/min)	∗120/60·55/28
	Jib hoisting/lowering (m/min)	∗66 ~ 30
	Post hoisting/lowering (m/min)	∗32 ~ 14.5×2
Part lines	Hook block capacity (ton)×part line	90.0×7
	Hook block capacity (ton)×part line	60.0×5
	Hook block capacity (ton)×part line	35.0×3
	Hook block capacity (ton)×part line	13.5×1
	Post hoist/lowering part line	18
	Jib hoist/lowering part line	14
Counter weight (ton)		106.5
Carbody weight (ton)		26
Total operating weight (with 24m post + 25m jib + 90 t hook) (ton)		Approx. 267
Average ground bearing pressure (kPa) [kgf/cm^2]		(122.1) [1.24]

Note: The values marked with "*" may change depending on the load given.

Combination of Post and Jib

Post length (m) \ Jib length (m)	25	31	37	43	49	55	61	67
24	●	●	●	●	●	●	●	●
27	●	●	●	●	●	●	●	●
30	●	●	●	●	●	●	●	●
33	●	●	●	●	●	●	●	●
36	●	●	●	●	●	●	●	●
39	●	●	●	●	●	●	●	●
42	●	●	●	●	●	●	●	●
45	●	●	●	●	●	●	●	●
48	●	●	●	●	●	●	●	●
51	●	●	●	●	●	●	●	●
54	●	●	●	●	●	●	●	●
57	●	●	●	●	●	●	●	●
60	●	●	●	●	●	●	●	●
63	●	●	●	●	●	●	●	●
66	●	●	●	●	●	●	●	●

●:Possible combinations

Wire rope

Purpose	Rope dia. (mm)	Breaking Strength (kN)	Rope Type
Main load hoisting	φ28	755	P·S(19)+39×P·7
Jib load hoisting	φ28	755	P·S(19)+39×P·7
Jib hoisting	φ26	489	IWRC 6×WS(31)
Post hoisting	φ26	489	IWRC 6×WS(31)

Luffing jib crane Post/Jib composition

●Post composition

The following table shows standard combinations for each post length.

Post composition \ Post length (m)	24.0	27.0	30.0	33.0	36.0	39.0	42.0	45.0
7.5m inner	1	1	1	1	1	1	1	1
*9.0m insert	1	1	1	1	1	1	1	1
3.0m insert	—	1	2	1	2	2	1	2
6.0m insert	—	—	—	1	1	—	1	1
9.0m insert	—	—	—	—	—	1	1	1
5.5m taper	1	1	1	1	1	1	1	1
2.0m outer	1	1	1	1	1	1	1	1

Note: (*) 9.0m special insert post.

Post composition \ Post length (m)	48.0	51.0	54.0	57.0	60.0	63.0	66.0
7.5m inner	1	1	1	1	1	1	1
*9.0m insert	1	1	1	1	1	1	1
3.0m insert	2	1	2	2	1	2	2
6.0m insert	—	1	1	—	1	1	—
9.0m insert	2	2	2	3	3	3	4
5.5m taper	1	1	1	1	1	1	1
2.0m outer	1	1	1	1	1	1	1

Note: (*) 9.0m special insert post.

●Jib composition

The following table shows standard combinations for each jib length.

Jib composition \ Jib length (m)	25	31	37	43	49	55	61	67
9.0m inner	1	1	1	1	1	1	1	1
6.0m insert	1	2	—	1	2	—	1	2
9.0m insert	—	—	2	2	2	4	4	4
10.0m outer	1	1	1	1	1	1	1	1

Optional Auxiliary performance

●Specifications

Maximum lifting capacity	Aux.jib hook 13.5t
Rope speed Aux.jib hook hoisting/lowering (m/min)	∗120/60·55/28
Part line opутional aux. jib hoist (ton)× part line	13.5×1

Note: The value marked with "*" will be changed according to the loads given

●Jib combination

Jib length (m)	25	31	37	43	49	55	61	67
Aux. jib	●	●	●	●	●	●	●	●

Notes on rated lifting loads

1. All rated loads are based on the machine being operated on the firm,level, uniformly supporting surface ground, at any point of 360-around the machine within 78% of tipping load and forward stability factor over 1.15.
   Working radius is horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
   Rated lifting loads smaller than bold line radius are based on structural strength factor.

2. To determine actual lifting loads, the weight of all lifting device such as hook must be reduced from the lifting loads.
   90.0 ton hook .... 1,900 kg　35.0 ton hook .... 1,200 kg
   60.0 ton hook .... 1,800 kg　13.5 ton hook ....600 kg

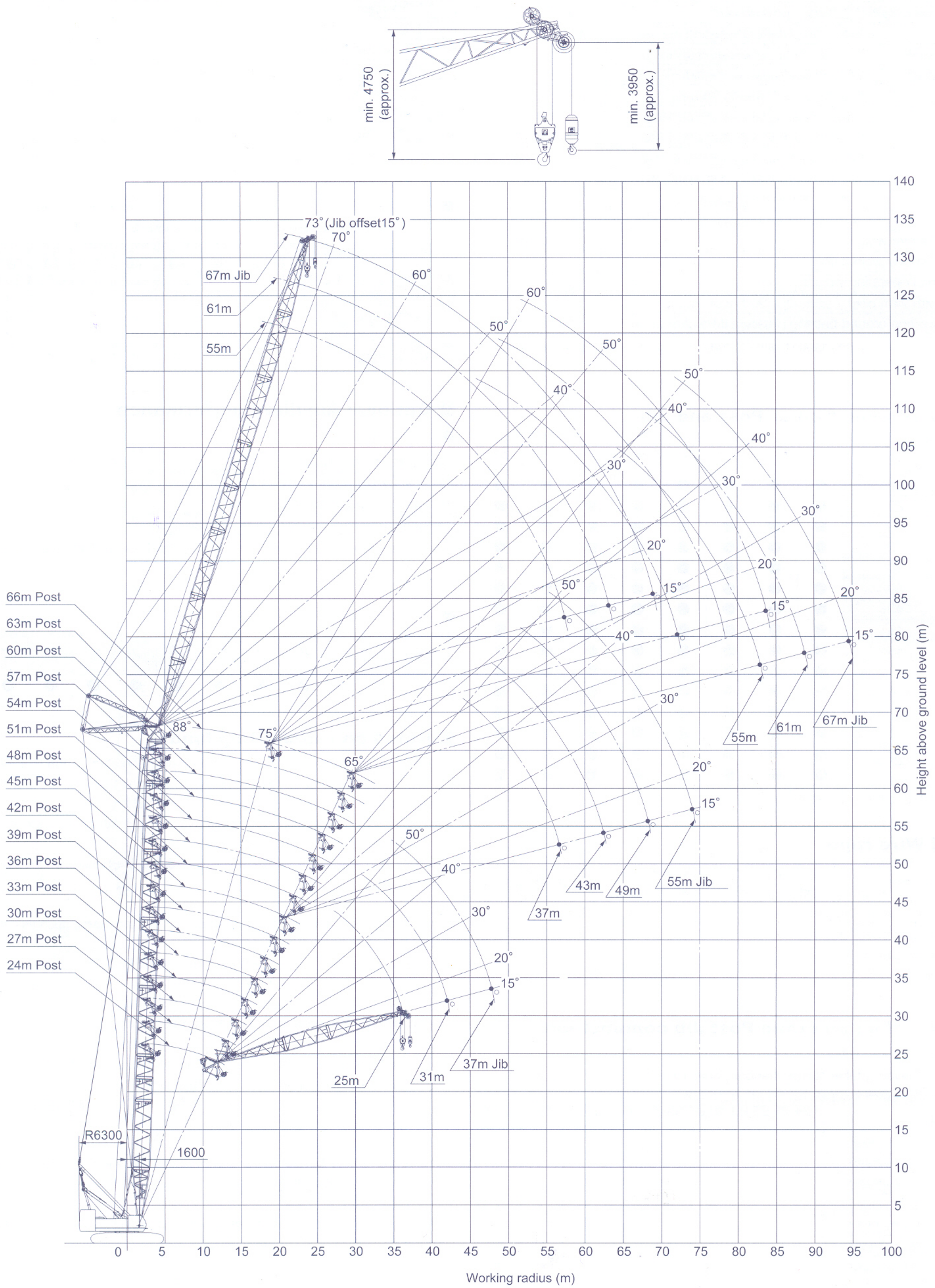
3. Depending on the number of part lines, rated lifting loads are limited as follows;
   1 part line .... upto 13.5 ton　5 part lines .... upto 67.5 ton
   2 part lines .... upto 27.0 ton　6 part lines .... upto 81.0 ton
   3 part lines .... upto 40.5 ton　7 part lines .... upto 90.0 ton
   4 part lines .... upto 54.0 ton

4. The angle formed by the center line of post and luffing jib (offset angle) should not be always below 15 degrees.

5. The angle formed by the center line of luffing jib and ground line should not be below 15 degrees in case of lifting load.

Luffing Jib Crane

Working range (No loaded condition)



Luffing Jib Crane

Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	24.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
10.0	10.1m×90.0				11.8m×75.9											
12.0	85.4				75.7				13.6m×55.5							
14.0	80.1	14.2m×84.9			71.7				55.3				15.3m×40.8			
16.0	72.3	80.5			68.0	16.4m×71.2			54.5				40.6			
18.0	62.5	72.8			62.2	68.4			53.6	18.7m×54.1			39.7			
20.0	54.9	62.8	20.6m×60.8		54.7	62.6			52.7	53.6			39.0	20.9m×39.4		
22.0	48.9	55.2	56.0		48.7	54.9	23.6m×51.0		48.5	52.8			38.2	39.0		
24.0	42.7	49.1	50.3		43.8	48.9	50.0		43.6	48.7			37.7	38.2		
26.0	34.0	44.2	45.6		39.8	44.0	45.3		39.6	43.8	26.6m×43.8		36.7	37.7		
28.0	26.9m×30.0	36.7	41.6	28.1m×40.0	36.4	39.9	41.4		36.2	39.7	41.1		35.9	36.8	29.6m×37.6	
30.0		29.0m×32.0	38.3	37.0	31.1	36.5	38.0	31.9m×34.0	33.3	36.3	37.8		33.0	36.0	37.1	
32.0			35.4	34.2	25.5	33.4	35.2	33.9	30.8	33.4	35.0		30.5	33.1	34.7	
34.0			32.3m×35.0	31.8	32.7m×23.4	27.5	32.7	31.5	27.9	30.9	32.5	35.8m×29.3	28.3	30.6	32.2	
36.0				29.6		34.8m×25.0	30.5	29.4	23.9	28.7	30.3	29.1	26.4	28.4	30.0	
38.0				36.2m×29.5			38.0m×27.8	27.5	19.9	25.7	28.4	27.3	24.7	26.5	28.1	39.7m×25.6
40.0								25.8	38.5m×18.9	21.5	26.6	25.6	21.9	24.8	26.4	25.3
42.0								41.9m×24.4		40.6m×20.3	25.1	24.1	18.9	23.2	24.8	23.8
44.0											43.8m×22.6	22.8	16.0	20.4	23.5	22.5
46.0												21.6	44.3m×15.5	17.3	22.2	21.3
48.0												47.8m×20.6		46.4m×16.7	21.0	20.2
50.0															49.6m×18.7	19.2
52.0																18.2
54.0																53.6m×17.6

Post length (m)	24.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
16.0	17.1m×30.2															
18.0	29.9				18.8m×22.0											
20.0	29.2				21.6				25.6m×16.3							
22.0	28.6	23.2m×28.9			21.1				15.9				22.3m×11.2			
24.0	28.0	28.6			20.6	25.4m×20.7			15.4				10.9			
26.0	27.3	28.0			20.0	20.6			15.0	27.7m×15.1			10.5			
28.0	26.9	27.4			19.5	20.0			14.6	15.0			10.2	29.9m×10.2		
30.0	26.4	26.9			19.2	19.6			14.3	14.6			9.9	10.2		
32.0	26.0	26.4	32.6m×27.1		18.8	19.2			13.9	14.3			9.6	9.9		
34.0	25.6	26.0	26.7		18.4	18.8	35.6m×19.1		13.5	13.9			9.3	9.6		
36.0	25.3	25.6	26.3		18.1	18.4	19.0		13.3	13.6			9.1	9.4		
38.0	24.4	25.3	25.9		17.8	18.1	18.6		13.0	13.3	38.6m×13.7		8.8	9.1		
40.0	22.9	24.5	25.5		17.6	17.8	18.3		12.7	13.0	13.5		8.6	8.9	41.6m×9.1	
42.0	21.5	22.9	24.6	43.5m×22.5	17.3	17.6	18.0		11.8	12.7	13.1		8.4	8.7	9.0	
44.0	19.8	21.6	23.2	22.2	17.2	17.3	17.7		11.6	11.8	12.9		8.2	8.4	8.8	
46.0	17.5	20.3	21.9	21.0	17.1	17.2	17.5	47.4m×17.8	11.4	11.6	12.6		8.1	8.2	8.6	
48.0	15.3	18.9	20.8	19.9	17.0	17.1	17.3	17.7	11.2	11.4	11.7		7.9	8.1	8.4	
50.0	13.0	16.6	19.7	18.9	16.1	17.0	17.2	17.5	11.1	11.2	11.5	51.2m×11.8	7.7	7.9	8.2	
52.0	50.1m×12.9	14.1	18.8	17.9	14.3	17.0	17.1	17.3	11.0	11.1	11.3	11.7	7.6	7.7	8.0	
54.0		52.2m×13.9	17.6	17.1	12.5	15.5	17.0	16.8	11.0	11.1	11.2	11.5	7.5	7.7	7.9	55.1m×8.1
56.0			55.4m×15.7	16.3	55.9m×10.8	13.6	16.6	16.0	11.0	11.0	11.1	11.3	7.4	7.5	7.7	8.0
58.0				15.6		57.9m×11.7	15.8	15.3	11.0	11.0	11.0	11.2	7.4	7.4	7.6	7.8
60.0				59.3m×15.1			14.6	14.6	10.3	11.0	11.0	11.1	7.3	7.4	7.5	7.7
62.0							61.2m×13.2	14.0	61.7m×9.0	11.0	11.0	11.0	7.3	7.3	7.4	7.6
64.0								13.4		63.7m×9.8	11.0	11.0	7.3	7.3	7.4	7.5
66.0								65.1m×13.1			10.9	11.0	7.3	7.3	7.3	7.4
68.0											67.0m×10.8	11.0	67.5m×7.3	7.3	7.3	7.4
70.0												10.9		69.5m×7.3	7.3	7.3
72.0												70.9m×10.8			7.3	7.3
74.0															72.8m×7.3	7.3
76.0																76.7m×7.3

Luffing Jib Crane

Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	27.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
10.0	10.2m×90.0				11.9m×75.9											
12.0	85.4				75.9				13.7m×55.5							
14.0	80.5	14.6m×84.9			72.3				55.3				15.4m×40.8			
16.0	74.7	81.3			68.4	16.8m×71.2			54.5				40.6			
18.0	64.5	74.0			64.2	68.8			53.6	19.0m×54.1			39.8			
20.0	56.6	64.7	21.4m×57.6		56.4	64.5			52.8	53.7			39.0	21.3m×39.4		
22.0	50.4	57.4	55.6		50.2	57.2			50.0	52.9			38.2	39.1		
24.0	45.4	51.4	49.9		45.2	51.2	24.4m×48.7		44.9	51.0			37.7	38.4		
26.0	36.9	46.2	45.3		41.0	46.0	45.0		40.8	45.8	27.4m×42.0		36.8	37.7		
28.0	27.0m×32.0	41.3	41.3	29.4m×37.5	37.5	41.7	41.1		37.3	41.5	40.8		36.2	36.8		
30.0		29.3m×34.3	38.0	36.5	33.8	38.0	37.8		34.3	37.8	37.5		34.0	36.4	30.4m×36.7	
32.0			35.1	33.7	27.6	35.0	34.9	33.2m×31.9	31.7	34.8	34.7		31.4	34.5	34.4	
34.0			33.0m×33.8	31.4	32.8m×25.0	30.7	32.4	31.0	29.4	32.1	32.2		29.2	31.9	31.9	
36.0				29.3		35.1m×26.8	30.3	29.0	26.0	29.8	30.1	37.1m×27.7	27.2	29.6	29.8	
38.0				37.4m×27.9			28.3	27.1	21.6	27.8	28.1	26.9	25.4	27.5	27.9	
40.0							38.8m×27.6	25.5	38.6m×20.2	24.1	26.4	25.2	23.9	25.7	26.2	40.9m×24.2
42.0								24.0		40.9m×21.8	24.9	23.8	20.6	24.1	24.6	23.5
44.0								43.2m×23.2			23.5	22.5	17.3	22.7	23.3	22.1
46.0											44.6m×23.1	21.3	44.4m×16.6	19.3	22.0	21.0
48.0												20.2		46.7m×18.0	20.9	19.9
50.0												49.0m×19.6			19.8	18.9
52.0															50.4m×19.6	18.0
54.0																17.1
56.0																54.8m×16.8

Post length (m)	27.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
16.0	17.2m×30.2															
18.0	29.9				18.9m×22.0											
20.0	29.2				21.7				20.7m×16.3							
22.0	28.6	23.5m×28.9			21.1				15.9				22.4m×11.2			
24.0	28.0	28.7			20.6	25.8m×20.7			15.4				10.9			
26.0	27.4	28.1			20.0	20.7			15.0				10.6			
28.0	26.9	27.5			19.6	20.1			14.6	28.1m×15.1			10.2			
30.0	26.4	27.0			19.2	19.6			14.3	14.7			9.9	30.3m×10.2		
32.0	26.0	26.5	33.4m×27.1		18.8	19.3			13.9	14.3			9.6	10.0		
34.0	25.6	26.1	26.9		18.4	18.9			13.6	14.0			9.4	9.7		
36.0	25.3	25.7	26.4		18.1	18.5	36.4m×19.1		13.3	13.6			9.1	9.4		
38.0	25.1	25.4	26.0		17.8	18.2	18.8		13.0	13.3	39.4m×13.7		8.9	9.1		
40.0	23.6	25.1	25.6		17.6	17.8	18.4		12.7	13.0	13.6		8.7	8.9		
42.0	22.2	23.9	24.3		17.3	17.6	18.1		11.8	12.8	13.3		8.4	8.7	42.4m×9.1	
44.0	20.9	22.4	23.0	44.8m×21.3	17.2	17.4	17.8		11.6	12.5	13.0		8.2	8.5	8.9	
46.0	19.2	21.1	21.7	20.6	17.1	17.2	17.6		11.4	11.6	12.7		8.1	8.3	8.7	
48.0	16.7	19.9	20.6	19.6	17.0	17.1	17.3	48.6m×17.8	11.2	11.4	11.8		7.9	8.1	8.5	
50.0	14.1	18.5	19.6	18.6	17.0	17.0	17.2	17.6	11.1	11.3	11.6		7.8	7.9	8.2	
52.0	50.2m×13.9	15.8	18.6	17.7	15.7	17.0	17.1	17.4	11.1	11.2	11.4	52.5m×11.8	7.7	7.8	8.1	
54.0		52.5m×15.0	17.7	16.8	13.7	16.7	17.0	16.5	11.0	11.1	11.3	11.6	7.5	7.7	7.9	
56.0			16.9	16.0	55.9m×11.6	15.2	16.7	15.8	11.0	11.0	11.1	11.4	7.4	7.5	7.8	56.3m×8.1
58.0			56.2m×16.8	15.3		13.0	15.9	15.0	11.0	11.0	11.1	11.3	7.4	7.4	7.7	7.9
60.0				14.6		58.3m×12.7	15.2	14.4	11.0	11.0	11.0	11.2	7.3	7.4	7.5	7.8
62.0				60.6m×14.4			14.5	13.8	61.8m×9.8	11.0	11.0	11.1	7.3	7.3	7.4	7.7
64.0								13.2		10.8	11.0	11.0	7.3	7.3	7.4	7.6
66.0								12.6		64.1m×10.7	11.0	11.0	7.3	7.3	7.3	7.4
68.0								66.4m×12.5			67.8m×10.8	11.0	67.6m×7.3	7.3	7.3	7.4
70.0												11.0		69.9m×7.3	7.3	7.3
72.0												10.8			7.3	7.3
74.0												72.2m×10.8			73.6m×7.3	7.3
76.0																7.3
78.0																7.3

Luffing Jib Crane

■ Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	30.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
10.0	10.3m×90.0															
12.0	85.8				12.1m×75.9				13.8m×55.5							
14.0	80.9	14.9m×84.9			72.3				55.3				15.5m×40.8			
16.0	76.1	82.3			68.4	17.2m×71.2			54.6				40.7			
18.0	65.7	73.9			65.4	69.6			53.6	19.4m×54.1			39.8			
20.0	57.8	64.6			57.6	64.4			52.8	53.8			39.0	21.7m×39.4		
22.0	51.5	57.3	22.2m×54.7		51.2	57.1			51.0	53.1			38.2	39.2		
24.0	46.3	51.5	49.6		46.1	51.3	25.2m×46.5		45.9	51.0			37.7	38.5		
26.0	38.7	46.7	44.9		41.8	46.4	44.6		41.6	46.2			36.8	37.8		
28.0	27.1m×33.0	42.6	41.1		38.2	42.4	40.8		38.0	42.2	28.2m×40.2		36.3	36.9		
30.0		29.7m×35.4	37.8	30.6m×35.1	35.2	39.0	37.5		35.0	38.8	37.2		34.7	36.4	31.2m×35.3	
32.0			34.9	33.3	29.5	36.0	34.7		32.3	35.9	34.4		32.1	35.6	34.1	
34.0			33.8m×32.7	30.9	32.9m×26.3	33.1	32.2	34.5m×30.1	30.0	33.1	32.0		29.8	32.8	31.7	
36.0				28.9		35.5m×28.3	30.0	28.5	27.4	30.7	29.8		27.7	30.4	29.5	
38.0				27.0			28.1	26.7	23.0	28.6	27.9	38.3m×26.2	25.9	28.3	27.6	
40.0				38.7m×26.4			39.6m×26.7	25.1	38.7m×21.3	26.1	26.2	24.9	24.3	26.5	25.9	
42.0								23.7		41.3m×23.0	24.7	23.4	22.0	24.8	24.4	42.2m×23.0
44.0								22.3			23.3	22.1	18.5	23.3	23.1	21.8
46.0								44.5m×22.0			45.4m×22.4	20.9	44.5m×17.6	21.1	21.8	20.6
48.0												19.8		47.1m×19.0	20.7	19.5
50.0												18.9			19.7	18.6
52.0												50.3m×18.7			51.2m×19.1	17.7
54.0																16.8
56.0																16.1
58.0																56.1m×16.0

Post length (m)	30.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
16.0	17.3m×30.2															
18.0	29.9				19.0m×22.0											
20.0	29.2				21.7				20.8m×16.3							
22.0	28.6	23.9m×28.9			21.1				16.0				22.5m×11.2			
24.0	28.0	28.9			20.6				15.5				10.9			
26.0	27.4	28.2			20.0	26.2m×20.7			15.1				10.6			
28.0	27.0	27.5			19.6	20.2			14.7	28.4m×15.1			10.2			
30.0	26.4	27.1			19.2	19.7			14.3	14.8			9.9	30.7m×10.2		
32.0	26.0	26.6			18.8	19.3			13.9	14.5			9.7	10.1		
34.0	25.6	26.1	34.2m×27.1		18.4	18.9			13.6	14.0			9.4	9.7		
36.0	25.3	25.7	26.6		18.1	18.6	37.2m×19.1		13.3	13.7			9.1	9.5		
38.0	25.1	25.4	26.1		17.8	18.3	18.9		13.0	13.4			8.9	9.2		
40.0	24.1	25.2	25.6		17.6	17.9	18.6		12.7	13.1	40.2m×13.7		8.7	8.9		
42.0	22.3	24.5	24.1		17.4	17.7	18.3		11.8	12.9	13.4		8.5	8.7	43.2m×9.1	
44.0	21.3	22.7	22.8		17.2	17.4	17.9		11.6	12.6	13.1		8.2	8.5	8.9	
46.0	19.8	21.7	21.5	46.1m×20.3	17.1	17.2	17.7		11.4	11.6	12.9		8.1	8.3	8.7	
48.0	17.9	20.5	20.4	19.2	17.0	17.1	17.5	49.9m×17.8	11.3	11.5	12.6		7.9	8.1	8.5	
50.0	15.1	19.2	19.4	18.2	17.0	17.0	17.2	17.8	11.1	11.3	11.6		7.8	8.0	8.3	
52.0	50.3m×14.7	17.3	18.4	17.4	16.3	17.0	17.1	17.1	11.1	11.2	11.5	53.8m×11.8	7.7	7.8	8.2	
54.0		52.9m×16.0	17.6	16.5	14.7	17.0	17.0	16.2	11.0	11.1	11.3	11.7	7.5	7.7	8.0	
56.0			16.8	15.8	12.5	15.9	16.5	15.5	11.0	11.0	11.2	11.5	7.4	7.6	7.8	57.6m×8.1
58.0			57.0m×16.4	15.1	56.1m×12.4	14.3	15.8	14.8	11.0	11.0	11.1	11.4	7.4	7.5	7.7	8.1
60.0				14.4		58.7m×13.5	15.1	14.1	11.0	11.0	11.0	11.2	7.3	7.4	7.6	7.9
62.0				61.9m×13.8			14.4	13.5	61.9m×10.4	11.0	11.0	11.1	7.3	7.4	7.5	7.7
64.0							62.8m×14.2	12.9		10.8	11.0	11.0	7.3	7.3	7.4	7.6
66.0								12.4		64.5m×10.8	11.0	11.0	7.3	7.3	7.4	7.5
68.0								67.7m×12.0			10.8	11.0	67.7m×7.3	7.3	7.3	7.4
70.0											68.6m×10.8	11.0		7.3	7.3	7.4
72.0												10.7		70.3m×7.3	7.3	7.3
74.0												73.5m×10.4			7.3	7.3
76.0															74.4m×7.3	7.3
78.0																7.3
80.0																79.3m×7.3

■ Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	33.0m															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
10.0	10.4m×81.0															
12.0	81.0				12.1m×75.9				13.9m×55.5							
14.0	80.9	15.3m×81.0			72.8				55.5				15.6m×40.8			
16.0	77.2	81.0			68.8	17.5m×71.2			54.6				40.7			
18.0	66.6	73.7			65.4	70.1			53.6	19.8m×54.1			39.8			
20.0	58.3	64.5			58.6	64.2			52.8	53.9			39.1			
22.0	51.5	57.2	22.9m×52.2		52.1	57.0			51.9	53.2			38.4	22.1m×39.4		
24.0	46.5	51.4	49.3		46.9	51.1	25.9m×44.5		46.6	50.9			37.7	38.6		
26.0	39.1	46.6	44.7		42.5	46.3	44.4		42.3	46.1			36.8	37.9		
28.0	27.2m×32.9	42.5	40.8		38.8	42.3	40.5		38.6	42.1	28.9m×38.7		36.3	37.0		
30.0		35.7	37.6	31.9m×33.1	35.4	38.9	37.3		35.5	38.7	37.0		35.3	36.5	31.9m×34.0	
32.0		30.1m×35.3	34.7	32.9	30.7	36.0	34.5		32.8	35.8	34.2		32.6	35.5	33.9	
34.0			32.3	30.6	33.0m×27.4	33.4	32.0	35.7m×28.5	30.5	33.3	31.8		30.2	33.0	31.5	
36.0			34.6m×31.6	28.6		35.9m×29.3	29.9	28.2	27.5	31.0	29.6		28.2	30.8	29.3	
38.0				26.8			28.0	26.4	24.2	29.1	27.8	39.6m×24.9	26.3	28.8	27.5	
40.0				39.9m×25.1			26.3	24.8	38.8m×22.2	26.7	26.1	24.6	24.5	27.1	25.8	
42.0							40.4m×26.0	23.4		41.7m×23.7	24.6	23.1	22.1	25.4	24.3	43.5m×21.8
44.0								22.1			23.2	21.9	19.5	23.9	22.9	21.5
46.0								45.8m×21.0			21.9	20.7	44.6m×18.4	21.5	21.7	20.4
48.0											46.2m×21.8	19.6		47.5m×19.5	20.6	19.3
50.0												18.6			19.5	18.3
52.0												51.6m×17.9			51.9m×18.6	17.4
54.0																16.6
56.0																15.9
58.0																57.4m×15.4

Post length (m)	33.0m															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
16.0	17.4m×30.2															
18.0	29.9				19.1m×22.0											
20.0	29.4				21.7				20.9m×16.3							
22.0	28.7				21.2				16.0				22.6m×11.2			
24.0	28.0	24.3m×28.9			20.6				15.5				11.0			
26.0	27.4	28.3			20.1	26.5m×20.7			15.1				10.6			
28.0	27.0	27.6			19.6	20.4			14.7	28.8m×15.1			10.2			
30.0	26.4	27.1			19.2	19.8			14.3	14.8			10.0	31.0m×10.2		
32.0	26.1	26.7			18.8	19.3			13.9	14.5			9.7	10.1		
34.0	25.7	26.2	34.9m×27.1		18.5	19.0			13.6	14.1			9.4	9.7		
36.0	25.3	25.8	26.8		18.1	18.6	37.9m×19.1		13.3	13.8			9.1	9.5		
38.0	25.1	25.5	26.4		17.8	18.3	19.1		13.0	13.5			8.9	9.2		
40.0	24.3	25.2	25.5		17.6	17.9	18.7		12.7	13.1	40.9m×13.7		8.7	9.0		
42.0	22.5	24.8	24.0		17.4	17.7	18.4		12.5	12.9	13.5		8.5	8.8	43.9m×9.1	
44.0	21.6	22.8	22.6		17.2	17.5	18.1		11.6	12.6	13.2		8.3	8.6	9.1	
46.0	19.9	21.9	21.4	47.3m×19.3	17.1	17.2	17.7		11.4	11.7	13.0		8.1	8.4	8.8	
48.0	18.0	21.0	20.3	19.0	17.0	17.1	17.5		11.3	11.5	12.7		7.9	8.2	8.6	
50.0	16.0	19.5	19.3	18.0	17.0	17.0	17.3	51.2m×17.2	11.1	11.3	11.7		7.8	8.0	8.4	
52.0	50.4m×15.4	17.6	18.3	17.1	16.3	17.0	17.2	16.8	11.1	11.2	11.5		7.7	7.8	8.2	
54.0		53.3m×16.3	17.4	16.3	14.8	17.0	17.1	16.0	11.0	11.1	11.4	55.0m×11.8	7.5	7.7	8.1	
56.0			16.6	15.5	13.2	16.1	16.4	15.2	11.0	11.0	11.2	11.7	7.4	7.6	7.9	
58.0			57.8m×16.0	14.8	56.2m×13.0	14.6	15.6	14.6	11.0	11.0	11.1	11.5	7.4	7.5	7.7	58.9m×8.1
60.0				14.2		59.0m×13.7	15.0	13.9	11.0	11.0	11.0	11.3	7.3	7.4	7.6	8.0
62.0				13.6			14.3	13.3	61.9m×10.8	11.0	11.0	11.2	7.3	7.4	7.5	7.8
64.0				63.1m×13.2			63.6m×13.8	12.7		10.9	11.0	11.1	7.3	7.3	7.4	7.7
66.0								12.2		64.8m×10.8	11.0	11.0	7.3	7.3	7.4	7.6
68.0								11.7			10.9	11.0	67.8m×7.3	7.3	7.3	7.5
70.0								68.9m×11.5			69.4m×10.8	10.9		7.3	7.3	7.4
72.0												10.5		70.6m×7.3	7.3	7.4
74.0												10.1			7.3	7.3
76.0												74.7m×9.9			75.1m×7.3	7.3
78.0																7.3
80.0																7.3
82.0																80.5m×7.3

Luffing Jib Crane

■ Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	36.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
12.0	12.5m×81.0				12.2m×67.5											
14.0	81.0	15.7m×81.0			67.5				55.5				15.7m×40.8			
16.0	77.2	81.0			67.5	17.9m×67.5			54.6				40.7			
18.0	66.6	73.6			65.8	67.5			53.7				40.0			
20.0	58.3	64.3			59.2	64.1			52.9	20.1m×54.1			39.1			
22.0	51.9	57.1	23.7m×49.7		52.6	56.8			52.2	53.5			38.4	22.4m×39.4		
24.0	46.8	51.3	48.9		47.2	51.0			47.2	50.8			37.7	38.7		
26.0	39.6	46.5	44.3		42.9	46.2	26.7m×42.6		42.8	46.0			36.8	38.0		
28.0	27.3m×32.9	42.5	40.5		39.1	42.2	40.2		39.1	42.0	29.7m×37.1		36.3	37.1		
30.0		37.8	37.3		35.6	38.8	37.0		35.9	38.6	36.7		35.7	36.6		
32.0		30.4m×35.3	34.5	33.2m×31.1	30.9	35.9	34.2		33.2	35.7	33.9		33.0	35.5	32.7m×32.7	
34.0			32.0	30.1	33.1m×27.7	33.4	31.7		30.8	33.2	31.5		30.6	32.9	31.2	
36.0			35.4m×30.5	28.1		29.9	29.6	37.0m×26.8	27.7	31.0	29.4		28.5	30.7	29.1	
38.0				26.3		36.2m×29.3	27.7	26.0	24.4	29.0	27.5		26.6	28.7	27.2	
40.0				24.7			26.0	24.4	38.9m×22.7	27.2	25.8	40.9m×23.5	24.6	27.0	25.5	
42.0				41.2m×23.8			41.2m×25.2	23.0		23.7	24.3	22.7	22.2	25.4	24.0	
44.0								21.7			23.0	21.5	19.6	24.0	22.7	44.7m×20.7
46.0								20.6			21.8	20.3	44.7m×18.7	22.0	21.5	20.0
48.0								47.0m×20.0			46.9m×21.2	19.3		47.8m×19.5	20.4	18.9
50.0												18.3			19.3	18.0
52.0												17.4			18.4	17.1
54.0												52.8m×17.1			52.7m×18.1	16.3
56.0																15.6
58.0																14.9
60.0																58.6m×14.6

Post length (m)	36.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
16.0	17.5m×30.2															
18.0	30.1				19.2m×22.0											
20.0	29.4				21.7				21.0m×16.3							
22.0	28.7				21.2				16.0				22.7m×11.2			
24.0	28.1	24.6m×28.9			20.6				15.5				11.0			
26.0	27.4	28.4			20.1	26.9m×20.7			15.1				10.6			
28.0	27.0	27.7			19.6	20.4			14.7	29.1m×15.1			10.2			
30.0	26.5	27.2			19.3	19.9			14.3	14.9			10.0	31.4m×10.2		
32.0	26.1	26.8			18.9	19.4			14.0	14.5			9.7	10.2		
34.0	25.7	26.3	35.7m×27.1		18.5	19.0			13.6	14.2			9.4	9.8		
36.0	25.4	25.9	27.0		18.2	18.7			13.3	13.8			9.1	9.5		
38.0	25.1	25.5	26.5		17.8	18.4	38.7m×19.1		13.0	13.5			8.9	9.2		
40.0	24.3	25.3	25.2		17.6	18.0	18.9		12.8	13.2	41.7m×13.7		8.7	9.1		
42.0	22.5	24.9	23.7		17.4	17.7	18.5		12.5	12.9	13.6		8.5	8.8		
44.0	21.6	23.2	22.4		17.2	17.5	18.2		11.6	12.7	13.3		8.3	8.6	44.7m×9.1	
46.0	20.0	22.1	21.2		17.1	17.3	17.9		11.4	11.7	13.0		8.1	8.4	8.9	
48.0	18.1	21.2	20.1	48.6m×18.3	17.0	17.2	17.6		11.3	11.5	12.8		7.9	8.2	8.7	
50.0	16.1	19.9	19.1	17.6	17.0	17.1	17.4		11.2	11.3	12.5		7.8	8.1	8.5	
52.0	50.5m×15.5	18.0	18.1	16.8	16.4	17.0	17.2	52.4m×16.3	11.1	11.2	11.6		7.7	7.9	8.3	
54.0		53.6m×16.3	17.3	16.0	14.9	17.0	17.0	15.7	11.0	11.1	11.4		7.5	7.7	8.1	
56.0			16.5	15.2	13.3	16.4	16.2	14.9	11.0	11.0	11.3	56.3m×11.8	7.4	7.6	7.9	
58.0			15.7	14.6	56.2m×13.0	14.9	15.5	14.2	11.0	11.0	11.2	11.6	7.4	7.5	7.8	
60.0			58.5m×15.5	13.9		59.4m×13.7	14.8	13.6	11.0	11.0	11.1	11.4	7.3	7.4	7.7	60.2m×8.1
62.0				13.3			14.2	13.0	10.8	11.0	11.0	11.3	7.3	7.4	7.5	7.9
64.0				12.7			13.6	12.5	62.1m×10.8	10.9	11.0	11.1	7.3	7.3	7.4	7.8
66.0				64.4m×12.6			64.3m×13.5	11.9		65.2m×10.8	11.0	11.1	7.3	7.3	7.4	7.7
68.0								11.5			11.0	11.0	67.9m×7.3	7.3	7.3	7.5
70.0								11.0			10.8	10.7		7.3	7.3	7.4
72.0								70.2m×10.9			70.1m×10.8	10.2		71.0m×7.3	7.3	7.4
74.0												9.8			7.3	7.3
76.0												9.4			75.9m×7.3	7.3
78.0																7.3
80.0																7.3
82.0																81.8m×7.3

Luffing Jib Crane

CCH3000

Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	39.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
12.0	12.6m× 67.5				12.3m× 67.5											
14.0	67.5				67.5				14.1m× 54.0				15.8m× 40.8			
16.0	67.5	16.1m× 67.5			67.5				54.0				40.8			
18.0	67.5	67.5			65.8	18.3m× 67.5			53.7				40.0			
20.0	58.9	64.2			60.1	63.9			52.9	20.5m× 54.0			39.1			
22.0	52.3	57.0			53.2	56.7			52.2	53.6			38.4	22.8m× 39.4		
24.0	47.0	51.2	24.5m× 47.3		47.6	50.9			47.7	50.7			37.7	38.8		
26.0	40.1	46.4	44.0		43.3	46.1	27.5m× 40.7		43.3	45.9			36.8	38.2		
28.0	27.4m× 32.9	42.4	40.2		39.3	42.1	39.8		39.5	41.9			36.4	37.6		
30.0		38.9	36.9		35.9	38.7	36.6		36.1	38.5	30.5m× 35.6		35.9	36.7		
32.0		30.8m× 35.3	34.2		31.2	35.8	33.9		33.5	35.6	33.6		33.3	35.4	33.5m× 31.5	
34.0			31.7	34.4m× 29.2	33.2m× 27.7	33.3	31.5		31.1	33.1	31.2		30.9	32.8	30.9	
36.0			29.6	27.6		30.8	29.3		27.9	30.9	29.1		28.8	30.6	28.8	
38.0			36.1m× 29.5	25.9		36.6m× 29.3	27.5	38.3m× 25.3	24.5	28.9	27.2		26.9	28.7	26.9	
40.0				24.3			25.8	24.0	39.0m× 22.7	27.1	25.6		24.7	26.9	25.3	
42.0				22.9			41.9m× 24.4	22.6		24.4	24.1	42.1m× 22.2	22.3	25.3	23.8	
44.0				42.5m× 22.6				21.3		42.4m× 23.7	22.8	21.1	19.8	23.9	22.5	
46.0								20.2			21.5	19.9	44.8m× 18.7	22.4	21.3	45.9m× 19.6
48.0								19.1			47.7m× 20.6	18.9		19.8	20.2	18.6
50.0								48.3m× 19.0				18.0		48.2m× 19.5	19.2	17.6
52.0												17.1			18.2	16.8
54.0												16.3			53.5m× 17.6	16.0
56.0												54.1m× 16.2				15.2
58.0																14.6
60.0																59.9m× 13.9

Post length (m)	39.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
16.0	17.6m× 30.2															
18.0	30.1				19.3m× 22.0											
20.0	29.4				21.9				21.1m× 16.3							
22.0	28.7				21.2				16.0				22.9m× 11.2			
24.0	28.1	25.0m× 28.9			20.7				15.5				11.0			
26.0	27.5	28.4			20.1	27.3m× 20.7			15.1				10.6			
28.0	27.0	27.9			19.7	20.5			14.7	29.5m× 15.1			10.3			
30.0	26.5	27.3			19.3	20.0			14.3	15.0			10.0	31.8m× 10.2		
32.0	26.1	26.9			18.9	19.5			14.0	14.6			9.7	10.2		
34.0	25.7	26.4			18.5	19.1			13.6	14.3			9.4	9.9		
36.0	25.4	25.9	36.5m× 27.1		18.2	18.7			13.3	13.8			9.1	9.6		
38.0	25.2	25.6	26.6		17.9	18.4	39.5m× 19.1		13.1	13.5			8.9	9.3		
40.0	24.4	25.3	25.0		17.6	18.1	19.0		12.8	13.3			8.7	9.1		
42.0	22.6	25.1	23.5		17.4	17.8	18.6		12.5	13.0	42.5m× 13.7		8.5	8.8		
44.0	21.7	23.7	22.2		17.2	17.5	18.3		11.6	12.7	13.5		8.3	8.6	45.5m× 9.1	
46.0	20.1	22.2	21.0		17.1	17.3	18.0		11.4	11.8	13.1		8.1	8.4	9.0	
48.0	18.2	21.2	19.9	49.9m× 17.3	17.0	17.2	17.7		11.3	11.6	12.9		7.9	8.2	8.8	
50.0	16.2	20.2	18.9	17.3	17.0	17.1	17.5		11.2	11.4	12.6		7.8	8.1	8.6	
52.0	50.6m× 15.5	18.3	17.9	16.4	16.5	17.0	17.3	53.7m× 15.4	11.1	11.2	11.7		7.7	7.9	8.4	
54.0		53.9m× 16.3	17.1	15.6	15.0	17.0	16.8	15.3	11.0	11.1	11.5		7.6	7.7	8.2	
56.0			16.3	14.9	13.4	16.7	16.0	14.6	11.0	11.0	11.3	57.6m× 11.8	7.4	7.6	8.0	
58.0			15.6	14.2	56.4m× 13.0	15.2	15.3	13.9	11.0	11.0	11.2	11.7	7.4	7.5	7.8	
60.0			59.3m× 15.1	13.6		59.8m× 13.7	14.6	13.3	11.0	11.0	11.1	11.5	7.3	7.4	7.7	61.4m× 8.1
62.0				13.0			14.0	12.7	10.8	11.0	11.0	11.4	7.3	7.4	7.6	8.1
64.0				12.5			13.4	12.2	62.2m× 10.8	11.0	11.0	11.2	7.3	7.3	7.5	7.9
66.0				65.7m× 12.0			65.1m× 13.1	11.7		65.6m× 10.8	11.0	11.1	7.3	7.3	7.4	7.7
68.0								11.2			11.0	10.9	67.9m× 7.3	7.3	7.4	7.6
70.0								10.7			10.9	10.4		7.3	7.3	7.5
72.0								71.5m× 10.4			70.9m× 10.8	10.0		71.4m× 7.3	7.3	7.4
74.0												9.6			7.3	7.4
76.0												9.2			7.3	7.3
78.0												77.3m× 8.9			76.7m× 7.3	7.3
80.0																7.3
82.0																7.3
84.0																83.1m× 7.3

Luffing Jib Crane

■ Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	42.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
12.0	12.7m×67.5				12.4m×67.5											
14.0	67.5				67.5				14.2m×54.0				15.9m×40.8			
16.0	67.5	16.4m×67.5			67.5				54.0				40.8			
18.0	67.5	67.5			66.1	18.6m×67.5			53.7				40.0			
20.0	59.4	64.0			60.1	63.7			53.1	20.9m×54.0			39.1			
22.0	52.7	56.8			53.2	56.5			52.3	53.6			38.5	23.1m×39.4		
24.0	47.3	51.0	25.3m×45.2		48.0	50.7			48.0	50.5			37.8	39.0		
26.0	40.6	46.2	43.6		43.3	46.0			43.6	45.8			36.8	38.4		
28.0	27.5m×32.9	42.2	39.9		39.6	42.0	28.3m×39.1		39.8	41.8			36.4	37.7		
30.0		38.8	36.7		36.1	38.6	36.3		36.5	38.4	31.3m×34.3		35.9	36.8		
32.0		31.1m×35.3	33.9		31.4	35.7	33.6		33.8	35.5	33.3		33.5	35.2		
34.0			31.5	35.7m×27.5	33.3m×27.7	33.2	31.2		31.3	33.0	30.9		31.1	32.7	34.3m×30.3	
36.0			29.4	27.2		30.9	29.1		28.1	30.8	28.9		29.0	30.5	28.5	
38.0			36.9m×28.5	25.5		37.0m×29.3	27.3	39.6m×23.9	24.7	28.8	27.0		27.1	28.6	26.7	
40.0				24.0			25.6	23.6	39.1m×22.7	27.1	25.4		24.9	26.8	25.1	
42.0				22.6			24.1	22.2		25.1	23.9	43.4m×21.1	22.4	25.3	23.6	
44.0				43.8m×21.5			42.7m×23.6	21.0		42.8m×23.7	22.6	20.7	19.9	23.8	22.3	
46.0								19.9			21.4	19.6	44.9m×18.7	22.6	21.1	47.3m×18.6
48.0								18.9			20.3	18.6		20.3	20.0	18.2
50.0								49.6m×18.1			48.5m×20.0	17.7		48.6m×19.5	19.0	17.3
52.0												16.8			18.1	16.5
54.0												16.0			17.2	15.7
56.0												55.4m×15.5			54.3m×17.1	15.0
58.0																14.3
60.0																13.7
62.0																61.2m×13.3

Post length (m)	42.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
16.0	17.7m×30.2															
18.0	30.1				19.4m×22.0											
20.0	29.4				21.9				21.2m×16.3							
22.0	28.7				21.2				16.0				23.0m×11.2			
24.0	28.1	25.4m×28.9			20.7				15.5				11.0			
26.0	27.5	28.6			20.1	27.6m×20.7			15.1				10.7			
28.0	27.1	28.0			19.7	20.6			14.7	29.9m×15.1			10.3			
30.0	26.5	27.4			19.3	20.1			14.3	15.1			10.0			
32.0	26.1	27.0			18.9	19.6			14.0	14.7			9.7	32.1m×10.2		
34.0	25.7	26.4			18.5	19.2			13.7	14.3			9.5	10.0		
36.0	25.4	26.0	37.3m×27.0		18.2	18.8			13.3	13.9			9.2	9.7		
38.0	25.2	25.7	26.4		17.9	18.4			13.1	13.6			8.9	9.4		
40.0	24.4	25.3	24.7		17.6	18.1	40.3m×19.1		12.8	13.3			8.7	9.1		
42.0	22.6	25.0	23.3		17.4	17.8	18.8		12.5	13.0	43.3m×13.7		8.5	8.9		
44.0	21.7	23.6	22.0		17.2	17.6	18.4		11.6	12.7	13.5		8.3	8.7		
46.0	20.2	22.3	20.8		17.1	17.4	18.1		11.4	12.5	13.3		8.1	8.5	46.3m×9.1	
48.0	18.3	21.1	19.7		17.0	17.2	17.8		11.3	11.6	13.0		7.9	8.3	8.9	
50.0	16.3	20.1	18.7	51.1m×16.5	17.0	17.1	17.6		11.2	11.4	12.7		7.8	8.1	8.6	
52.0	50.7m×15.5	18.7	17.8	16.1	16.6	17.0	17.3		11.1	11.3	11.8		7.7	7.9	8.4	
54.0		16.7	16.9	15.3	15.1	17.0	16.6	55.0m×14.7	11.0	11.1	11.6		7.6	7.8	8.2	
56.0		54.3m×16.3	16.1	14.6	13.5	17.0	15.9	14.3	11.0	11.1	11.4		7.4	7.7	8.1	
58.0			15.4	14.0	56.5m×13.0	15.5	15.1	13.7	11.0	11.0	11.2	58.8m×11.8	7.4	7.5	7.9	
60.0			14.7	13.4		13.8	14.5	13.0	11.0	11.0	11.1	11.6	7.4	7.4	7.7	
62.0			60.1m×14.7	12.8		60.1m×13.7	13.9	12.5	10.8	11.0	11.0	11.5	7.3	7.4	7.6	62.7m×8.1
64.0				12.2			13.3	11.9	62.3m×10.8	11.0	11.0	11.3	7.3	7.3	7.5	8.0
66.0				11.7			65.9m×12.7	11.4		65.9m×10.8	11.0	11.1	7.3	7.3	7.4	7.8
68.0				67.0m×11.5				11.0			11.0	10.6	7.3	7.3	7.4	7.7
70.0								10.5			11.0	10.2	68.1m×7.3	7.3	7.3	7.6
72.0								10.1			71.7m×10.8	9.7		71.7m×7.3	7.3	7.5
74.0								72.7m×9.9				9.3			7.3	7.4
76.0												8.9			7.3	7.4
78.0												8.6			77.5m×7.3	7.3
80.0												78.5m×8.5				7.3
82.0																7.3
84.0																7.2
86.0																84.3m×7.1

Luffing Jib Crane

Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	45.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
12.0	12.8m×67.5				12.5m×54.0											
14.0	67.5				54.0				14.3m×54.0							
16.0	67.5	16.7m×67.5			54.0				54.0				40.8			
18.0	67.5	67.5			54.0	19.0m×54.0			53.8				40.2			
20.0	59.4	63.8			54.0	54.0			53.1	21.2m×54.0			39.2			
22.0	52.7	56.6			53.9	54.0			52.3	53.7			38.5	23.5m×39.4		
24.0	47.5	50.9			48.0	50.6			48.6	50.4			37.8	39.2		
26.0	41.2	46.1	26.0m×43.1		43.7	45.8			43.8	45.6			36.9	38.5		
28.0	27.6m×32.9	42.1	39.5		39.6	41.9	29.0m×37.4		39.9	41.7			36.4	37.8		
30.0		38.7	36.3		36.4	38.5	36.0		36.5	38.3			36.0	36.9		
32.0		31.5m×35.3	33.6		31.7	35.6	33.2		33.9	35.4	32.9		33.8	35.1		
34.0			31.2		33.4m×27.7	33.1	30.9		31.5	32.9	30.6		31.3	32.6	35.0m×29.2	
36.0			29.1	37.0m×25.9		30.9	28.8		28.2	30.7	28.6		29.2	30.4	28.2	
38.0			37.7m×27.5	25.0		37.3m×29.3	27.0		24.9	28.7	26.7		27.2	28.5	26.4	
40.0				23.5			25.3	40.8m×22.6	39.2m×22.7	27.0	25.1		25.0	26.7	24.8	
42.0				22.2			23.9	21.8		25.4	23.6		22.6	25.2	23.3	
44.0				20.9			43.5m×22.9	20.6		43.1m×23.7	22.3	44.7m×19.9	20.1	23.8	22.0	
46.0				45.0m×20.3				19.5			21.1	19.2	45.0m×18.7	22.5	20.8	
48.0								18.5			20.0	18.2		20.8	19.8	48.5m×17.6
50.0								17.5			49.3m×19.4	17.3		48.9m×19.5	18.8	16.9
52.0								50.8m×17.2				16.5			17.9	16.1
54.0												15.7			17.0	15.3
56.0												15.0			55.1m×16.6	14.6
58.0												56.6m×14.7				14.0
60.0																13.4
62.0																12.8
64.0																62.4m×12.7

Post length (m)	45.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
16.0	17.8m×30.2															
18.0	30.2				19.6m×22.0											
20.0	29.5				21.9				21.3m×16.3							
22.0	28.9				21.3				16.1				23.1m×11.2			
24.0	28.1	25.7m×28.9			20.7				15.6				11.0			
26.0	27.5	28.7			20.2				15.2				10.7			
28.0	27.1	28.1			19.7	20.7			14.8				10.3			
30.0	26.5	27.5			19.3	20.1			14.3	30.2m×15.1			10.0			
32.0	26.1	27.1			18.9	19.7			14.0	14.7			9.7	32.5m×10.2		
34.0	25.7	26.5			18.6	19.3			13.7	14.3			9.5	10.0		
36.0	25.4	26.1			18.2	18.9			13.4	14.0			9.2	9.7		
38.0	25.2	25.7	38.1m×26.0		17.9	18.5			13.1	13.7			8.9	9.5		
40.0	24.6	25.4	24.4		17.7	18.2	41.0m×19.1		12.8	13.3			8.7	9.2		
42.0	22.6	24.9	23.0		17.4	17.9	18.9		12.6	13.1			8.5	8.9		
44.0	21.7	23.5	21.7		17.2	17.7	18.6		11.6	12.8	44.1m×13.7		8.3	8.7		
46.0	20.2	22.2	20.5		17.1	17.4	18.3		11.5	12.5	13.4		8.1	8.5	47.0m×9.1	
48.0	18.4	21.1	19.4		17.0	17.2	17.9		11.3	11.6	13.1		8.0	8.3	8.9	
50.0	16.4	20.0	18.5		17.0	17.1	17.7		11.2	11.4	12.9		7.8	8.1	8.7	
52.0	50.8m×15.5	19.0	17.5	52.4m×15.6	16.6	17.0	17.3		11.1	11.3	12.6		7.7	7.9	8.5	
54.0		17.1	16.7	15.0	15.2	17.0	16.4		11.0	11.2	11.6		7.6	7.8	8.3	
56.0		54.7m×16.3	15.9	14.3	13.6	17.0	15.7	56.2m×13.9	11.0	11.1	11.5		7.5	7.7	8.1	
58.0			15.2	13.6	56.6m×13.0	15.7	15.0	13.3	11.0	11.0	11.3		7.4	7.6	8.0	
60.0			14.6	13.0		14.2	14.3	12.7	11.0	11.0	11.2	60.1m×11.8	7.4	7.4	7.8	
62.0			60.9m×14.3	12.5		60.5m×13.7	13.7	12.1	10.8	11.0	11.1	11.6	7.3	7.4	7.7	
64.0				11.9			13.1	11.6	62.4m×10.8	11.0	11.0	11.3	7.3	7.4	7.6	8.1
66.0				11.4			12.5	11.1		10.8	11.0	10.7	7.3	7.3	7.5	7.9
68.0				11.0			66.7m×12.4	10.7		66.3m×10.8	11.0	10.3	7.3	7.3	7.4	7.8
70.0				68.2m×10.9				10.2			11.0	9.8	68.2m×7.3	7.3	7.4	7.7
72.0								9.8			10.8	9.4		7.3	7.3	7.5
74.0								9.4			72.5m×10.7	9.0		72.1m×7.3	7.3	7.4
76.0												8.6			7.3	7.4
78.0												8.3			7.3	7.3
80.0												79.8m×7.9			78.3m×7.3	7.3
82.0																7.2
84.0																6.9
86.0																85.6m×6.7

Luffing Jib Crane

■ Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	48.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
12.0	12.9m× 67.5				12.6m× 54.0											
14.0	67.5				54.0				14.4m× 54.0							
16.0	67.5	17.1m× 67.5			54.0				54.0				16.1m× 40.5			
18.0	67.5	67.5			54.0	19.4m× 54.0			53.8				40.2			
20.0	60.0	63.6			54.0	54.0			53.1	21.6m× 54.0			39.2			
22.0	53.2	56.5			53.7	54.0			52.3	53.9			38.5	23.9m× 39.4		
24.0	47.5	50.7			48.5	50.4			48.3	50.2			37.8	39.4		
26.0	41.7	46.0	26.8m× 41.2		43.7	45.7			43.8	45.5			36.9	38.6		
28.0	27.7m× 32.9	42.0	39.0		39.9	41.7	29.8m× 35.8		39.9	41.5			36.4	37.9		
30.0		38.6	35.9		36.6	38.4	35.6		36.8	38.2			36.0	37.0		
32.0		31.9m× 35.3	33.2		31.9	35.5	32.9		34.2	35.3	32.8m× 31.6		33.9	35.0		
34.0			30.9		33.5m× 27.7	33.0	30.5		31.5	32.8	30.3		31.5	32.5	35.8m× 28.0	
36.0			28.8			30.7	28.5		28.4	30.6	28.2		29.2	30.3	27.9	
38.0			27.0	38.2m× 24.3		37.7m× 29.1	26.7		25.1	28.6	26.4		27.4	28.3	26.1	
40.0			38.5m× 26.6	23.0			25.1		39.3m× 22.7	26.9	24.8		25.1	26.6	24.5	
42.0				21.7			23.6	42.1m× 21.2		25.3	23.4		22.7	25.1	23.0	
44.0				20.5			22.3	20.1		43.5m× 23.7	22.1	45.9m× 18.8	20.2	23.7	21.7	
46.0				19.4			44.3m× 22.1	19.0			20.9	18.7	45.1m× 18.7	22.4	20.6	
48.0				46.3m× 19.2				18.1			19.8	17.8		21.2	19.5	49.8m× 16.6
50.0								17.2			18.8	16.9		49.3m× 19.5	18.5	16.5
52.0								16.3			50.1m× 18.8	16.1			17.6	15.7
54.0								52.1m× 16.3				15.3			16.8	14.9
56.0												14.6			55.8m× 16.1	14.3
58.0												57.9m× 14.0				13.6
60.0																13.0
62.0																12.5
64.0																63.7m× 12.0

Post length (m)	48.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
16.0	17.9m× 30.2															
18.0	30.2				19.7m× 22.0											
20.0	29.5				21.9				21.4m× 16.3							
22.0	28.9				21.3				16.1				23.2m× 11.2			
24.0	28.2				20.7				15.6				11.1			
26.0	27.6	26.1m× 28.9			20.2				15.2				10.7			
28.0	27.1	28.2			19.7	28.4m× 20.7			14.8				10.3			
30.0	26.6	27.6			19.3	20.2			14.5	30.6m× 15.1			10.1			
32.0	26.1	27.1			18.9	19.8			14.0	14.8			9.7	32.8m× 10.2		
34.0	25.7	26.6			18.6	19.3			13.7	14.5			9.5	10.1		
36.0	25.4	26.2			18.3	18.9			13.4	14.1			9.2	9.7		
38.0	25.2	25.8	38.8m× 25.1		17.9	18.6			13.1	13.8			8.9	9.5		
40.0	24.6	25.5	24.1		17.7	18.3	41.8m× 19.1		12.9	13.4			8.7	9.2		
42.0	22.7	24.8	22.7		17.4	17.9	19.1		12.6	13.1			8.5	9.0		
44.0	21.8	23.4	21.4		17.2	17.7	18.7		11.6	12.9	44.8m× 13.7		8.3	8.7		
46.0	20.3	22.1	20.2		17.1	17.5	18.4		11.5	12.6	13.5		8.1	8.5	47.8m× 9.1	
48.0	18.5	21.0	19.2		17.0	17.2	18.0		11.3	11.6	13.2		8.0	8.3	9.1	
50.0	16.5	19.9	18.2		17.0	17.1	17.7		11.2	11.5	12.9		7.8	8.2	8.8	
52.0	50.9m× 15.5	19.0	17.3	53.7m× 14.7	16.7	17.0	17.0		11.1	11.3	12.7		7.7	8.0	8.6	
54.0		17.5	16.5	14.6	15.2	17.0	16.2		11.0	11.2	11.7		7.6	7.8	8.4	
56.0		55.1m× 16.3	15.7	13.9	13.7	17.0	15.4	57.5m× 13.1	11.0	11.1	11.5		7.5	7.7	8.2	
58.0			15.0	13.3	56.7m× 13.0	16.0	14.7	12.9	11.0	11.0	11.4		7.4	7.6	8.1	
60.0			14.4	12.7		14.5	14.1	12.3	11.0	11.0	11.2	61.4m× 11.6	7.4	7.5	7.9	
62.0			61.6m× 13.8	12.1		60.9m× 13.7	13.5	11.8	10.8	11.0	11.1	11.4	7.3	7.4	7.7	
64.0				11.6			12.9	11.3	62.5m× 10.8	11.0	11.0	10.9	7.3	7.4	7.6	65.2m× 8.1
66.0				11.1			12.4	10.8		10.9	11.0	10.4	7.3	7.3	7.5	8.0
68.0				10.7			67.4m× 12.0	10.3		66.7m× 10.8	11.0	9.9	7.3	7.3	7.4	7.9
70.0				69.5m× 10.3				9.9			11.0	9.5	68.3m× 7.3	7.3	7.4	7.7
72.0								9.4			10.6	9.0		7.3	7.3	7.6
74.0								9.0			73.2m× 10.4	8.6		72.5m× 7.3	7.3	7.5
76.0								75.3m× 8.8				8.3			7.3	7.4
78.0												7.9			7.3	7.4
80.0												7.6			79.0m× 7.3	7.2
82.0												81.1m× 7.4				6.9
84.0																6.6
86.0																6.3
88.0																86.9m× 6.2

Luffing Jib Crane

■ Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	51.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
12.0	13.0m×54.0				12.7m×54.0											
14.0	54.0				54.0				14.5m×54.0							
16.0	54.0	17.5m×54.0			54.0				54.0				16.3m×40.5			
18.0	54.0	54.0			54.0	19.7m×54.0			53.8				40.2			
20.0	54.0	54.0			54.0	54.0			53.2				39.2			
22.0	53.5	54.0			53.2	54.0			52.4	54.0			38.6			
24.0	47.8	50.5			48.1	50.2			47.9	50.0			37.9	24.2m×39.4		
26.0	42.4	45.8	27.6m×39.4		43.9	45.5			43.6	45.3			36.9	38.7		
28.0	27.8m×33.1	41.8	38.7		40.2	41.6			40.0	41.3			36.4	38.0		
30.0		38.5	35.6		36.8	38.2	30.6m×34.4		36.8	38.0			36.0	37.1		
32.0		35.6	32.9		32.2	35.3	32.5		34.2	35.1	33.6m×30.4		33.9	34.8		
34.0		32.3m×35.2	30.6		33.6m×27.8	32.8	30.2		31.7	32.6	29.9		31.5	32.3		
36.0			28.5			30.6	28.2		28.6	30.4	27.9		29.5	30.2	36.6m×27.0	
38.0			26.7	39.5m×22.9		28.7	26.4		25.3	28.5	26.1		27.4	28.2	25.8	
40.0			39.2m×25.7	22.6		38.1m×28.6	24.8		39.4m×22.7	26.8	24.5		25.3	26.5	24.2	
42.0				21.3			23.4	43.4m×20.1		25.2	23.1		22.9	25.0	22.8	
44.0				20.1			22.1	19.7		43.9m×23.8	21.8		20.4	23.6	21.5	
46.0				19.0			45.0m×21.4	18.7			20.7	47.2m×17.8	45.2m×18.7	22.3	20.3	
48.0				47.6m×18.2				17.7			19.6	17.4		21.1	19.3	
50.0								16.8			18.6	16.5		49.6m×19.6	18.3	51.1m×15.7
52.0								16.0			50.8m×18.2	15.7			17.4	15.3
54.0								53.4m×15.5				15.0			16.6	14.6
56.0												14.3			15.8	13.9
58.0												13.7			56.6m×15.6	13.3
60.0												59.2m×13.3				12.7
62.0																12.2
64.0																11.7
66.0																65.0m×11.4

Post length (m)	51.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
18.0	30.2				19.8m×22.0											
20.0	29.5				21.9				21.5m×16.3							
22.0	28.9				21.3				16.1				23.3m×11.2			
24.0	28.2				20.8				15.6				11.1			
26.0	27.6	26.5m×28.9			20.2				15.2				10.7			
28.0	27.1	28.3			19.8	28.7m×20.7			14.8				10.3			
30.0	26.6	27.7			19.3	20.4			14.5	31.0m×15.1			10.1			
32.0	26.1	27.2			18.9	19.9			14.1	14.9			9.7	33.2m×10.2		
34.0	25.8	26.7			18.6	19.4			13.7	14.5			9.5	10.2		
36.0	25.4	26.3			18.3	19.0			13.4	14.2			9.2	9.8		
38.0	25.2	25.9	39.6m×24.2		17.9	18.6			13.1	13.8			8.9	9.5		
40.0	24.6	25.5	23.8		17.7	18.3			12.9	13.5			8.7	9.2		
42.0	22.7	24.7	22.4		17.5	18.0	42.6m×19.1		12.6	13.2			8.5	9.0		
44.0	21.8	23.3	21.2		17.2	17.7	18.9		11.6	12.9	45.6m×13.7		8.3	8.8		
46.0	20.5	22.0	20.0		17.1	17.5	18.5		11.5	12.6	13.6		8.2	8.6		
48.0	18.6	20.9	19.0		17.0	17.3	18.1		11.3	11.7	13.3		8.0	8.4	48.6m×9.1	
50.0	16.7	19.8	18.0		17.0	17.2	17.7		11.2	11.5	13.0		7.8	8.2	8.9	
52.0	51.0m×15.6	18.9	17.1		16.8	17.1	16.8		11.1	11.3	12.8		7.7	8.0	8.7	
54.0		17.9	16.3	54.9m×13.9	15.3	17.0	16.0		11.0	11.2	12.5		7.6	7.9	8.5	
56.0		55.4m×16.4	15.5	13.6	13.8	16.9	15.2		11.0	11.1	11.6		7.5	7.7	8.3	
58.0			14.8	12.9	56.8m×13.1	16.2	14.6	58.8m×12.4	11.0	11.0	11.4		7.4	7.6	8.1	
60.0			14.2	12.4		14.8	13.9	12.0	11.0	11.0	11.3		7.4	7.5	7.9	
62.0			13.6	11.8		61.2m×13.8	13.3	11.5	10.8	11.0	11.1	62.6m×10.9	7.3	7.4	7.8	
64.0			62.4m×13.4	11.3			12.7	10.9	62.6m×10.8	11.0	11.1	10.5	7.3	7.4	7.7	
66.0				10.8			12.2	10.4		10.9	11.0	10.0	7.3	7.3	7.5	66.5m×8.1
68.0				10.4			11.7	10.0		67.0m×10.8	11.0	9.6	7.3	7.3	7.4	8.0
70.0				9.9			68.2m×11.6	9.6			10.9	9.1	68.4m×7.3	7.3	7.4	7.8
72.0				70.8m×9.8				9.1			10.5	8.7		7.3	7.3	7.7
74.0								8.8			10.1	8.4		72.8m×7.3	7.3	7.6
76.0								8.4				8.0			7.3	7.5
78.0								76.6m×8.3				7.7			7.3	7.2
80.0												7.3			79.8m×7.3	6.9
82.0												7.0				6.6
84.0												82.3m×7.0				6.3
86.0																6.0
88.0																5.8
90.0																88.1m×5.8

Luffing Jib Crane

■ Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	54.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
12.0					12.8m× 54.0											
14.0	15.1m× 54.0				54.0				14.6m× 40.5							
16.0	54.0	17.8m× 54.0			54.0				40.5				16.4m× 40.5			
18.0	54.0	54.0			54.0				40.5				40.2			
20.0	54.0	54.0			54.0	20.1m× 54.0			40.5				39.4			
22.0	52.8	54.0			52.5	54.0			40.5	22.3m× 40.5			38.6			
24.0	47.8	50.3			47.5	50.0			40.5	40.5			37.9	24.6m× 39.4		
26.0	42.7	45.6			43.3	45.3			40.5	40.5			37.0	38.8		
28.0	27.9m× 32.9	41.7	28.4m× 37.6		39.7	41.4			39.5	40.5			36.4	38.1		
30.0		38.3	35.1		36.7	38.1	31.4m× 32.9		36.4	37.8			36.0	37.5		
32.0		35.4	32.5		32.4	35.2	32.1		33.8	35.0			33.4	34.7		
34.0		32.6m× 34.6	30.2		33.7m× 27.7	32.7	29.9		31.4	32.5	34.4m× 29.2		31.1	32.2		
36.0			28.2			30.5	27.9		28.7	30.3	27.6		29.1	30.0	37.4m× 26.0	
38.0			26.4			28.6	26.1		25.4	28.4	25.8		27.2	28.1	25.4	
40.0			24.8	40.8m× 21.5		38.4m× 28.2	24.5		39.5m× 22.7	26.7	24.2		25.4	26.4	23.9	
42.0				20.8			23.1			25.1	22.8		22.9	24.9	22.5	
44.0				19.6			21.8	44.6m× 18.9		23.7	21.5		20.5	23.5	21.2	
46.0				18.6			45.8m× 20.7	18.2		44.2m× 23.6	20.4		45.3m× 18.7	22.2	20.1	
48.0				17.6				17.2			19.3	48.5m× 16.7		21.1	19.0	
50.0				48.8m× 17.2				16.4			18.4	16.1		19.5	18.1	
52.0								15.6			51.6m× 17.6	15.3			17.2	52.3m× 14.8
54.0								14.9				14.6			16.4	14.2
56.0								54.6m× 14.6				13.9			15.6	13.5
58.0												13.3			57.4m× 15.1	12.9
60.0												12.7				12.4
62.0												60.4m× 12.6				11.8
64.0																11.3
66.0																10.8
68.0																66.2m× 10.8

Post length (m)	54.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
18.0	18.1m× 30.2				19.9m× 22.0											
20.0	29.5				22.0				21.6m× 16.3							
22.0	28.9				21.3				16.1				23.4m× 11.2			
24.0	28.2				20.8				15.6				11.1			
26.0	27.6	26.8m× 28.9			20.2				15.2				10.7			
28.0	27.1	28.4			19.8	29.1m× 20.7			14.8				10.4			
30.0	26.6	27.9			19.3	20.5			14.5	31.3m× 15.1			10.1			
32.0	26.2	27.3			18.9	19.9			14.1	15.0			9.7	33.6m× 10.2		
34.0	25.8	26.8			18.6	19.5			13.8	14.6			9.5	10.2		
36.0	25.5	26.4			18.3	19.1			13.4	14.2			9.2	9.8		
38.0	25.2	25.9			17.9	18.7			13.1	13.8			9.0	9.6		
40.0	24.8	25.6	40.4m× 23.2		17.7	18.4			12.9	13.5			8.8	9.3		
42.0	22.7	24.6	22.1		17.5	18.1	43.4m× 19.1		12.6	13.2			8.5	9.1		
44.0	21.9	23.2	20.9		17.2	17.8	18.9		11.7	13.0			8.3	8.8		
46.0	20.5	21.9	19.7		17.1	17.5	18.6		11.5	12.7	46.4m× 13.7		8.2	8.6		
48.0	18.7	20.8	18.7		17.0	17.3	18.3		11.3	11.7	13.4		8.0	8.4	49.4m× 9.1	
50.0	16.7	19.7	17.7		17.0	17.2	17.4		11.2	11.5	13.1		7.8	8.2	9.0	
52.0	51.1m× 15.5	18.8	16.9		16.9	17.1	16.6		11.1	11.4	12.9		7.7	8.1	8.8	
54.0		17.9	16.1		15.4	17.0	15.8		11.0	11.2	12.6		7.6	7.9	8.6	
56.0		55.8m× 16.3	15.3	56.2m× 13.1	13.8	16.8	15.0		11.0	11.1	11.7		7.5	7.7	8.3	
58.0			14.6	12.5	56.9m× 13.0	16.1	14.3		11.0	11.0	11.5		7.4	7.6	8.2	
60.0			14.0	12.0		15.1	13.7	11.5	11.0	11.0	11.3		7.4	7.5	8.0	
62.0			13.4	11.4		61.6m× 13.7	13.1	11.0	10.9	11.0	11.2	63.9m× 10.1	7.3	7.4	7.8	
64.0			63.2m× 13.0	10.9			12.5	10.5	62.7m× 10.8	11.0	11.1	10.1	7.3	7.4	7.7	
66.0				10.4			12.0	10.0		10.9	11.0	9.6	7.3	7.3	7.6	67.8m× 8.1
68.0				10.0			11.5	9.6		67.4m× 10.8	11.0	9.2	7.3	7.3	7.5	8.1
70.0				9.5			69.0m× 11.3	9.2			10.7	8.7	68.5m× 7.3	7.3	7.4	7.9
72.0				72.1m× 9.1				8.8			10.3	8.4		7.3	7.4	7.7
74.0								8.4			9.9	8.0		73.2m× 7.3	7.3	7.6
76.0								8.0			74.8m× 9.7	7.6			7.3	7.2
78.0								77.8m× 7.7				7.3			7.3	6.9
80.0												7.0			7.3	6.6
82.0												6.7			80.6m× 7.3	6.3
84.0												83.6m× 6.4				6.0
86.0																5.7
88.0																5.5
90.0																89.4m× 5.3

Luffing Jib Crane

■ Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	57.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
14.0	15.2m×54.0				15.5m×54.0				14.7m×40.5							
16.0	54.0				54.0				40.5				16.5m×40.5			
18.0	54.0	18.2m×54.0			54.0				40.5				40.3			
20.0	54.0	54.0			54.0	20.5m×54.0			40.5				39.4			
22.0	52.1	54.0			51.7	54.0			40.5	22.7m×40.5			38.6			
24.0	47.1	49.5			46.8	49.2			40.5	40.5			37.9	25.0m×39.4		
26.0	43.0	44.9			42.7	44.6			40.5	40.5			37.0	39.0		
28.0	33.1	41.0	29.1m×35.4		39.2	40.7			38.9	40.5			36.5	38.2		
30.0		37.7	34.2		36.2	37.5			35.9	37.2			35.6	36.9		
32.0		34.9	31.6		32.7	34.6	32.1m×31.1		33.3	34.4			33.0	34.1		
34.0		33.0m×33.6	29.4		33.8m×27.9	32.2	29.0		31.0	32.0	35.1m×27.6		30.7	31.7		
36.0			27.4			30.0	27.1		29.0	29.8	26.8		28.6	29.5		
38.0			25.7			28.1	25.4		25.7	27.9	25.1		26.8	27.6	38.1m×24.6	
40.0			24.1			38.8m×27.4	23.8		39.6m×22.8	26.2	23.5		25.2	25.9	23.2	
42.0			40.8m×23.5	42.1m×19.9			22.4			24.7	22.2		23.1	24.4	21.8	
44.0				18.8			21.2	45.9m×17.4		23.3	20.9		20.7	23.1	20.6	
46.0				17.8			20.0	17.4		44.6m×22.9	19.8		45.4m×18.7	21.8	19.5	
48.0				16.8			46.6m×19.7	16.5			18.8	49.7m×15.4		20.7	18.5	
50.0				16.0				15.6			17.8	15.3		19.6	17.5	
52.0				50.1m×15.9				14.9			17.0	14.6		50.4m×19.5	16.7	53.6m×13.6
54.0								14.2			52.4m×16.8	13.9			15.9	13.5
56.0								55.9m×13.5				13.2			15.1	12.9
58.0												12.6			14.5	12.2
60.0												12.1			58.2m×14.4	11.7
62.0												61.7m×11.6				11.2
64.0																10.7
66.0																10.2
68.0																67.5m×9.8

Post length (m)	57.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
18.0	18.2m×30.2															
20.0	29.6				22.0				21.7m×16.3							
22.0	29.0				21.4				16.1				23.5m×11.2			
24.0	28.3				20.8				15.8				11.1			
26.0	27.6	27.2m×28.9			20.4				15.2				10.7			
28.0	27.1	28.6			19.8	29.4m×20.7			14.8				10.4			
30.0	26.7	28.0			19.3	20.6			14.5	31.7m×15.1			10.1			
32.0	26.2	27.4			19.0	20.0			14.1	15.0			9.7	33.9m×10.2		
34.0	25.8	26.9			18.6	19.6			13.8	14.6			9.5	10.2		
36.0	25.5	26.4			18.3	19.2			13.4	14.3			9.2	9.9		
38.0	25.2	26.0			17.9	18.8			13.1	13.9			9.0	9.6		
40.0	24.8	25.6	41.1m×22.0		17.7	18.4			12.9	13.6			8.8	9.4		
42.0	22.8	24.1	21.5		17.5	18.1			12.6	13.3			8.6	9.1		
44.0	21.9	22.8	20.2		17.2	17.8	44.1m×19.1		11.7	13.0			8.3	8.9		
46.0	20.7	21.5	19.1		17.1	17.6	18.7		11.5	12.7	47.1m×13.7		8.2	8.7		
48.0	18.8	20.4	18.1		17.0	17.3	17.8		11.3	11.8	13.5		8.0	8.4		
50.0	16.9	19.4	17.2		17.0	17.2	16.9		11.2	11.6	13.3		7.8	8.2	50.1m×9.1	
52.0	51.2m×15.6	18.4	16.3		17.0	17.1	16.0		11.1	11.4	13.0		7.7	8.1	8.8	
54.0		17.6	15.6		15.5	17.0	15.2		11.0	11.2	12.7		7.6	7.9	8.6	
56.0		16.6	14.8	57.5m×12.0	14.0	16.5	14.5		11.0	11.1	11.8		7.5	7.8	8.4	
58.0		56.2m×16.4	14.2	11.8	57.0m×13.1	15.8	13.9		11.0	11.1	11.6		7.4	7.7	8.2	
60.0			13.5	11.2		15.1	13.2	61.3m×10.5	11.0	11.0	11.4		7.4	7.5	8.1	
62.0			12.9	10.7		61.9m×13.8	12.7	10.3	10.9	11.0	11.2		7.3	7.4	7.9	
64.0			63.9m×12.4	10.2			12.1	9.8	62.8m×10.8	11.0	11.1	65.2m×9.1	7.3	7.4	7.7	
66.0				9.8			11.6	9.4		11.0	11.0	8.9	7.3	7.3	7.6	
68.0				9.3			11.1	9.0		67.8m×10.8	10.8	8.5	7.3	7.3	7.5	69.0m×7.9
70.0				8.9			69.8m×10.7	8.6			10.4	8.1	68.6m×7.3	7.3	7.4	7.7
72.0				8.5				8.2			9.9	7.7		7.3	7.4	7.3
74.0				73.3m×8.3				7.8			9.5	7.4		73.6m×7.3	7.3	7.0
76.0								7.5			75.6m×9.2	7.1			7.3	6.6
78.0								7.1				6.7			7.3	6.3
80.0								79.1m×7.0				6.4			7.3	6.0
82.0												6.2			81.4m×7.3	5.7
84.0												5.9				5.5
86.0												84.9m×5.8				5.2
88.0																5.0
90.0																4.7
92.0																90.7m×4.6

Luffing Jib Crane

Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	60.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
14.0	15.3m×54.0				15.6m×40.5				14.8m×40.5							
16.0	54.0				40.5				40.5				16.6m×40.5			
18.0	54.0	18.6m×54.0			40.5				40.5				40.3			
20.0	54.0	54.0			40.5	20.8m×40.5			40.5				39.4			
22.0	51.5	54.0			40.5	40.5			40.5	23.1m×40.5			38.6			
24.0	46.8	49.9			40.5	40.5			40.5	40.5			38.0	25.3m×39.4		
26.0	42.7	45.2			40.5	40.5			40.5	40.5			37.0	39.1		
28.0	33.7	41.3	29.9m×34.4		38.9	40.5			38.6	40.5			36.5	38.4		
30.0	28.1m×32.9	38.0	34.3		35.9	37.7			35.6	37.5			35.3	37.2		
32.0		35.1	31.7		32.9	34.9	32.9m×30.3		33.1	34.7			32.7	34.4		
34.0		33.4m×33.4	29.5		33.9m×27.7	32.4	29.1		30.8	32.2	35.9m×26.9		30.4	31.9		
36.0			27.5			30.2	27.1		28.7	30.0	26.8		28.4	29.7		
38.0			25.8			28.3	25.4		25.8	28.1	25.1		26.6	27.8	38.9m×24.0	
40.0			24.2			39.2m×27.3	23.9		39.7m×22.7	26.4	23.6		25.0	26.1	23.2	
42.0			41.6m×23.1	43.3m×19.0			22.5			24.9	22.2		23.2	24.6	21.8	
44.0				18.7			21.2			23.5	21.0		20.7	23.2	20.6	
46.0				17.7			20.1	47.2m×16.7		44.9m×22.9	19.8		45.5m×18.7	22.0	19.5	
48.0				16.8			47.4m×19.4	16.4			18.8			20.8	18.5	
50.0				15.9				15.5			17.9	51.0m×14.8		19.8	17.6	
52.0				51.4m×15.4				14.8			17.0	14.5		50.7m×19.4	16.7	
54.0								14.1			53.2m×16.5	13.8			15.9	54.9m×13.1
56.0								13.4				13.1			15.2	12.7
58.0								57.2m×13.1				12.5			14.5	12.1
60.0												12.0			58.9m×14.2	11.5
62.0												11.4				11.0
64.0												63.0m×11.2				10.5
66.0																10.1
68.0																9.6
70.0																68.8m×9.5

Post length (m)	60.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
18.0	18.3m×30.2															
20.0	29.6				20.1m×22.0				21.8m×16.3							
22.0	29.0				21.4				16.3				23.6m×11.2			
24.0	28.3				20.8				15.8				11.1			
26.0	27.7	27.6m×28.9			20.4				15.3				10.8			
28.0	27.1	28.7			19.8	29.8m×20.7			14.9				10.4			
30.0	26.7	28.1			19.4	20.7			14.5				10.1			
32.0	26.2	27.5			19.0	20.1			14.1	32.1m×15.1			9.8			
34.0	25.8	27.0			18.6	19.6			13.8	14.7			9.5	34.3m×10.2		
36.0	25.5	26.5			18.3	19.3			13.5	14.3			9.2	10.0		
38.0	25.2	26.1			18.0	18.9			13.1	14.0			9.0	9.7		
40.0	24.7	25.7	41.9m×21.5		17.7	18.5			12.9	13.6			8.8	9.4		
42.0	22.8	24.3	21.5		17.5	18.2			12.6	13.3			8.6	9.1		
44.0	21.9	23.0	20.3		17.3	17.9	44.9m×19.1		11.7	13.0			8.4	8.9		
46.0	20.7	21.7	19.1		17.1	17.6	18.8		11.5	12.8	47.9m×13.7		8.2	8.7		
48.0	18.9	20.6	18.1		17.1	17.4	17.8		11.3	12.5	13.7		8.0	8.5		
50.0	16.9	19.5	17.2		17.0	17.2	16.9		11.2	11.6	13.3		7.8	8.3	50.9m×9.1	
52.0	51.3m×15.5	18.6	16.4		17.0	17.1	16.0		11.1	11.4	13.1		7.7	8.1	8.9	
54.0		17.7	15.6		15.5	17.0	15.3		11.0	11.3	12.8		7.6	7.9	8.7	
56.0		16.9	14.8		14.0	16.6	14.5		11.0	11.2	12.6		7.5	7.8	8.5	
58.0		56.5m×16.3	14.2	58.7m×11.4	57.1m×13.0	15.9	13.9		11.0	11.1	11.6		7.4	7.7	8.3	
60.0			13.5	11.1		15.2	13.3		11.0	11.0	11.4		7.4	7.5	8.1	
62.0			13.0	10.6		14.0	12.7	62.6m×10.0	10.9	11.0	11.3		7.3	7.4	8.0	
64.0			12.4	10.1		62.3m×13.7	12.1	9.7	62.9m×10.8	11.0	11.2		7.3	7.4	7.8	
66.0			64.7m×12.2	9.6			11.6	9.2		11.0	11.1	66.4m×8.7	7.3	7.3	7.7	
68.0				9.2			11.1	8.8		10.8	10.8	8.4	7.3	7.3	7.6	
70.0				8.8			10.7	8.4		68.1m×10.8	10.4	8.0	68.7m×7.3	7.3	7.5	70.3m×7.5
72.0				8.4			70.5m×10.6	8.0			9.9	7.6		7.3	7.4	7.2
74.0				8.1				7.7			9.5	7.3		73.9m×7.3	7.4	6.8
76.0				74.6m×8.0				7.4			9.1	6.9			7.3	6.5
78.0								7.0			76.34m×9.0	6.6			7.3	6.2
80.0								6.7				6.3			7.3	5.9
82.0								80.4m×6.7				6.0			7.3	5.6
84.0												5.8			82.1m×7.3	5.4
86.0												5.5				5.1
88.0												86.2m×5.5				4.8
90.0																4.6
92.0																91.9m×4.3

Luffing Jib Crane

■ Post rated lifting loads (106.5ton counterweight)

(Unit : Metric ton)

Post length (m)	63.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
14.0	15.4m×54.0				15.7m×40.5				14.9m×40.5							
16.0	54.0				40.5				40.5				16.7m×40.5			
18.0	54.0	18.9m×54.0			40.5				40.5				40.3			
20.0	51.6	54.0			40.5	21.2m×40.5			40.5				39.5			
22.0	47.0	52.3			40.5	40.5			40.5	23.4m×40.5			38.7			
24.0	43.0	47.6			40.5	40.5			40.5	40.5			38.0	25.7m×39.4		
26.0	39.7	43.5			39.4	40.5			39.1	40.5			37.1	39.2		
28.0	34.4	40.1			36.5	39.7			36.2	39.4			35.8	38.5		
30.0	28.2m×33.1	37.2	30.7m×32.9		33.9	36.8			33.7	36.5			33.3	36.1		
32.0		34.6	31.3		31.7	34.2	33.7m×29.0		31.4	33.9			31.1	33.5		
34.0		33.7m×32.6	29.1		28.0	32.0	28.7		29.5	31.7			29.1	31.3		
36.0			27.1			30.0	26.7		27.7	29.7	36.7m×25.8		27.4	29.3		
38.0			25.4			28.2	25.0		26.0	27.9	24.7		25.8	27.5	39.7m×23.1	
40.0			23.9			39.5m×26.9	23.5		39.8m×22.7	26.3	23.2		24.4	25.9	22.8	
42.0			22.5				22.2			24.8	21.9		23.1	24.5	21.5	
44.0			42.3m×22.2	44.6m×17.8			20.9			23.4	20.6		20.9	23.1	20.3	
46.0				17.1			19.8			45.3m×22.5	19.5		45.6m×18.7	21.9	19.2	
48.0				16.3			18.8	48.4m×15.7			18.5			20.7	18.2	
50.0				15.4			48.1m×18.7	15.0			17.6			19.7	17.3	
52.0				14.7				14.3			16.7	52.3m×13.9		51.1m×19.2	16.4	
54.0				52.6m×14.4				13.6			53.9m×16.0	13.3			15.6	
56.0								13.0				12.6			14.9	56.1m×12.1
58.0								12.4				12.0			14.2	11.6
60.0								58.4m×12.3				11.5			59.7m×13.7	11.0
62.0												11.0				10.5
64.0												10.5				10.1
66.0												64.2m×10.4				9.6
68.0																9.2
70.0																8.8

Post length (m)	63.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
18.0	18.4m×30.2															
20.0	29.6				20.2m×22.0				21.9m×16.3							
22.0	29.0				21.4				16.3				23.7m×11.2			
24.0	28.3				21.0				15.8				11.1			
26.0	27.7	27.9m×28.9			20.4				15.3				10.8			
28.0	27.2	28.9			19.8				14.9				10.4			
30.0	26.7	28.2			19.4	30.2m×20.7			14.5				10.2			
32.0	26.3	27.6			19.0	20.2			14.2	32.4m×15.1			9.8			
34.0	25.9	27.1			18.6	19.7			13.8	14.8			9.5	34.7m×10.2		
36.0	25.5	26.6			18.3	19.3			13.5	14.5			9.2	10.1		
38.0	25.2	26.1			18.0	18.9			13.1	14.0			9.0	9.7		
40.0	24.0	25.6			17.7	18.6			12.9	13.7			8.8	9.5		
42.0	22.8	24.1	42.7m×20.7		17.5	18.3			12.6	13.4			8.6	9.2		
44.0	21.6	22.8	19.9		17.3	17.9	45.7m×18.6		11.7	13.1			8.4	8.9		
46.0	20.4	21.6	18.8		17.2	17.7	18.5		11.5	12.9			8.2	8.7		
48.0	19.0	20.5	17.8		17.1	17.4	17.5		11.3	12.6	48.7m×13.7		8.0	8.5		
50.0	17.1	19.4	16.9		17.0	17.2	16.6		11.2	11.6	13.5		7.9	8.3	51.7m×9.1	
52.0	51.4m×15.6	18.5	16.1		17.0	17.1	15.8		11.1	11.5	13.2		7.7	8.1	9.0	
54.0		17.6	15.3		15.7	17.0	15.0		11.0	11.3	12.9		7.6	8.0	8.8	
56.0		16.8	14.6		14.1	16.6	14.3		11.0	11.2	12.6		7.5	7.8	8.6	
58.0		56.9m×16.4	13.9		57.2m×13.1	15.8	13.6		11.0	11.1	11.7		7.4	7.7	8.4	
60.0			13.3	60.1m×10.6		15.1	13.0		11.0	11.0	11.5		7.4	7.6	8.2	
62.0			12.7	10.1		14.4	12.4	63.9m×9.2	10.9	11.0	11.3		7.3	7.5	8.0	
64.0			12.2	9.6		62.7m×13.8	11.9	9.2	63.0m×10.8	11.0	11.2		7.3	7.4	7.9	
66.0			65.5m×11.8	9.2			11.4	8.8		11.0	11.1	67.7m×8.0	7.3	7.4	7.7	
68.0				8.8			10.9	8.4		10.8	10.6	7.9	7.3	7.3	7.6	
70.0				8.4			10.5	8.0		68.5m×10.8	10.1	7.5	68.8m×7.3	7.3	7.5	71.6m×6.8
72.0				8.0			71.3m×10.2	7.6			9.7	7.2		7.3	7.4	6.7
74.0				7.7				7.3			9.3	6.8		7.3	7.4	6.4
76.0				75.8m×7.4				7.0			8.9	6.5		74.3m×7.3	7.3	6.1
78.0								6.7			77.1m×8.7	6.2			7.3	5.8
80.0								6.4				5.9			7.3	5.5
82.0								81.6m×6.1				5.7			7.3	5.2
84.0												5.4			82.9m×7.3	4.9
86.0												5.1				4.7
88.0												87.4m×5.0				4.4
90.0																4.2
92.0																4.0
94.0																93.2m×3.8

Luffing Jib Crane

CCH3000

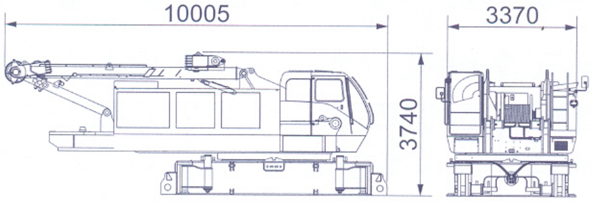
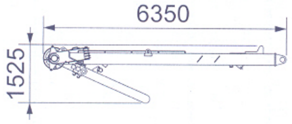
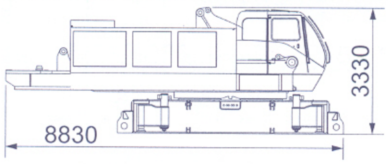
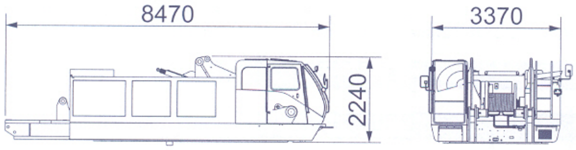
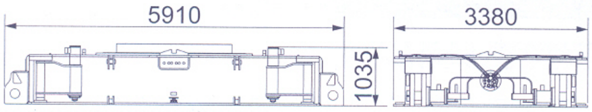
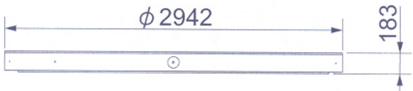
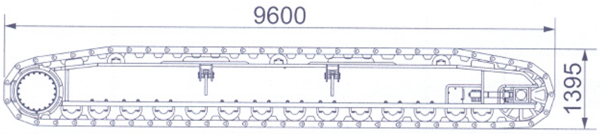
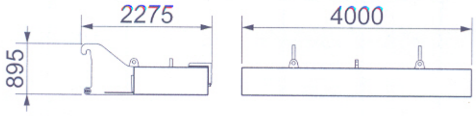
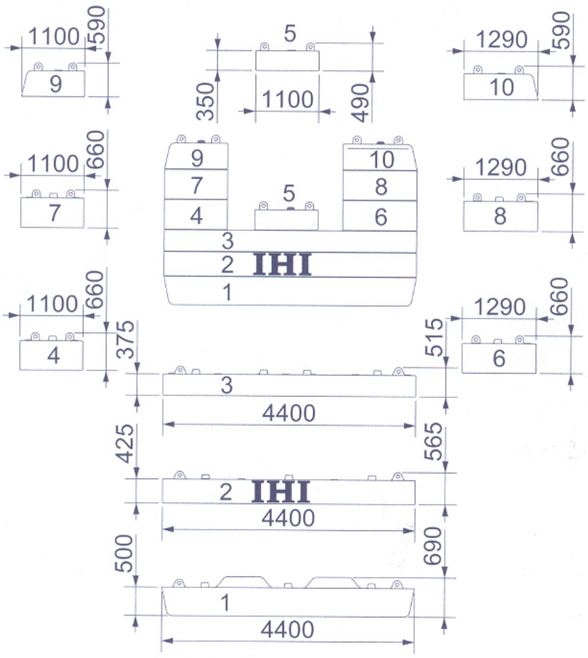
Post rated lifting loads (106.5ton counterweight)

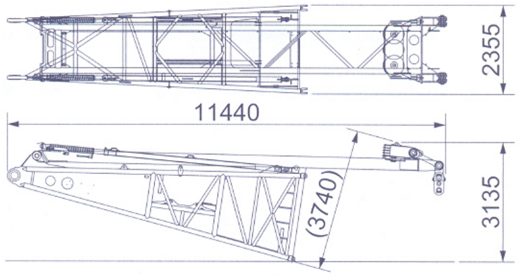
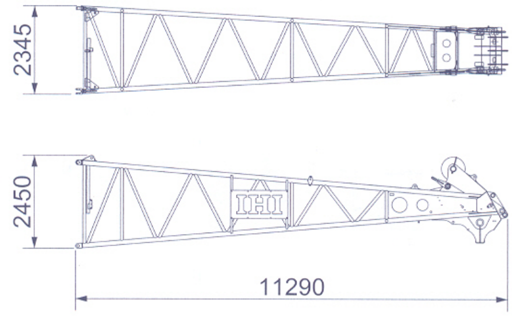
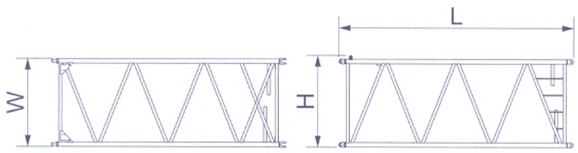
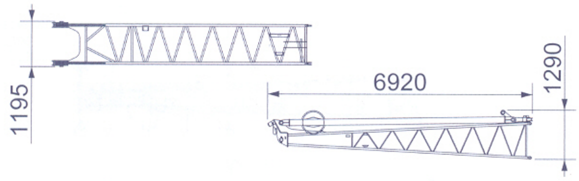
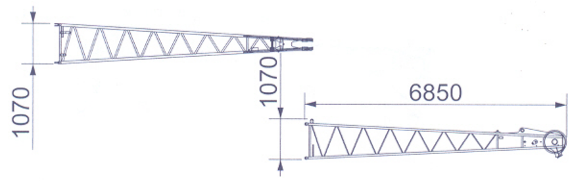
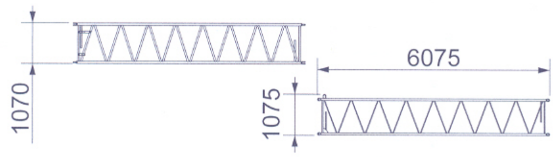
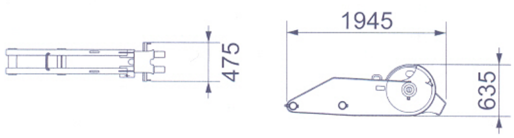
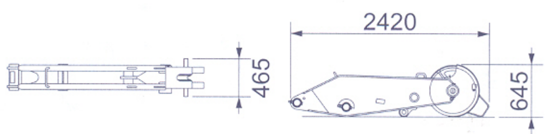
(Unit : Metric ton)

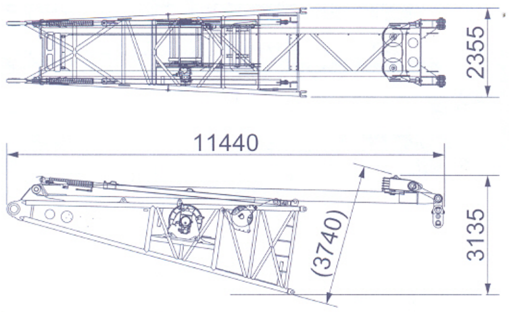
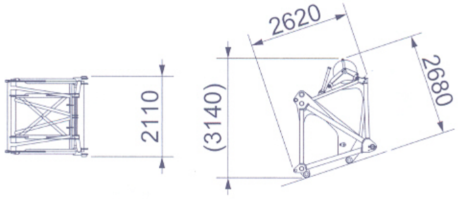
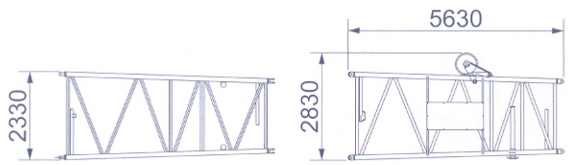
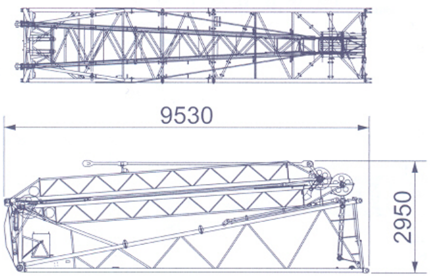
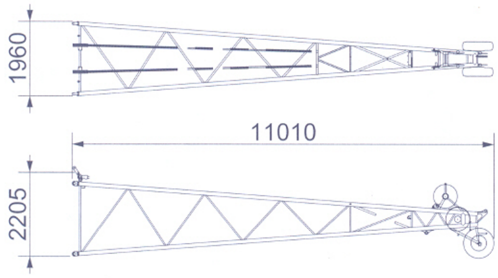
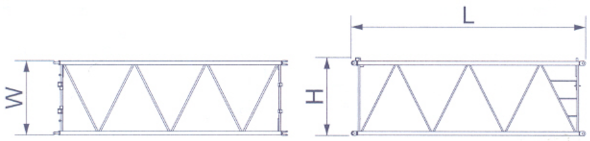
Post length (m)	66.0															
Luffing Jib length (m)	25.0				31.0				37.0				43.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
14.0	15.6m×40.5				15.8m×40.5				15.0m×40.5							
16.0	40.5				40.5				40.5				16.8m×40.5			
18.0	40.5	19.3m×40.5			40.5				40.5				40.5			
20.0	40.5	40.5			40.5	21.6m×40.5			40.5				39.5			
22.0	40.5	40.5			40.5	40.5			40.5	23.8m×40.5			38.7			
24.0	39.4	40.5			39.0	40.5			38.8	40.5			38.0			
26.0	36.3	40.0			36.0	39.6			35.7	39.2			35.3	38.7		
28.0	33.6	36.8			33.3	36.4			33.0	36.1			32.7	35.7		
30.0	28.4m×33.1	34.0	31.5m×31.4		31.0	33.7			30.7	33.4			30.3	33.0		
32.0		31.6	30.8		28.9	31.3			28.7	31.0			28.3	30.6		
34.0		29.5	28.6		27.0	29.2	34.5m×27.7		26.8	28.9			26.5	28.5		
36.0		34.1m×29.4	26.7		34.1m×26.9	27.3	26.3		25.2	27.1	37.5m×24.7		24.9	26.7		
38.0			25.0			25.7	24.6		23.7	25.4	24.3		23.4	25.0		
40.0			23.5			39.9m×24.2	23.1		39.9m×22.4	23.9	22.8		22.1	23.6	40.5m×22.1	
42.0			22.1				21.8			22.6	21.5		20.9	22.2	21.1	
44.0			43.1m×21.4	45.8m×16.7			20.6			21.4	20.3		19.8	21.0	19.9	
46.0				16.6			19.5			45.7m×20.4	19.2		45.7m×18.8	19.9	18.8	
48.0				15.7			18.5	49.7m×14.6			18.2			18.9	17.9	
50.0				14.9			48.9m×18.0	14.5			17.3			18.0	17.0	
52.0				14.2				13.8			16.5	53.5m×12.8		51.5m×17.3	16.1	
54.0				53.9m×13.5				13.1			15.7	12.7			15.4	
56.0								12.5			54.7m×15.4	12.1			14.7	57.4m×11.2
58.0								11.9				11.5			14.0	11.0
60.0								59.7m×11.4				11.0			13.4	10.5
62.0												10.5			60.5m×13.2	10.0
64.0												10.0				9.6
66.0												65.5m×9.7				9.2
68.0																8.8
70.0																8.4
72.0																71.3m×8.1

Post length (m)	66.0															
Luffing Jib length (m)	49.0				55.0				61.0				67.0			
Post angle (°) / Working radius (m)	88	83	75	65	88	83	75	65	88	83	75	65	88	83	75	65
18.0	18.5m×27.0															
20.0	27.0				20.3m×22.0											
22.0	27.0				21.4				22.1m×16.3				23.8m×11.2			
24.0	27.0				21.0				15.8				11.2			
26.0	27.0				20.4				15.3				10.8			
28.0	27.0	28.3m×27.0			19.9				14.9				10.4			
30.0	26.7	27.0			19.4	30.5m×20.7			14.5				10.2			
32.0	26.3	27.0			19.0	20.4			14.2	32.8m×15.1			9.8			
34.0	25.9	27.0			18.6	19.8			13.8	14.9			9.5	35.0m×10.2		
36.0	24.5	26.3			18.3	19.3			13.5	14.5			9.2	10.1		
38.0	23.1	24.7			18.0	19.0			13.2	14.1			9.0	9.7		
40.0	21.8	23.2			17.7	18.6			12.9	13.8			8.8	9.5		
42.0	20.6	21.9	43.5m×19.9		17.5	18.3			12.6	13.5			8.6	9.2		
44.0	19.5	20.7	19.6		17.3	17.9			11.7	13.1			8.4	9.0		
46.0	18.5	19.6	18.5		17.2	17.7	46.5m×17.9		11.5	12.9			8.2	8.8		
48.0	17.6	18.6	17.5		17.1	17.5	17.2		11.3	12.6	49.5m×13.7		8.0	8.6		
50.0	16.7	17.6	16.6		16.4	17.3	16.3		11.2	11.7	13.6		7.9	8.4		
52.0	51.5m×15.6	16.8	15.8		15.7	16.4	15.4		11.1	11.5	13.3		7.7	8.2	52.5m×9.1	
54.0		16.0	15.0		14.9	15.7	14.7		11.0	11.3	13.0		7.6	8.0	8.9	
56.0		15.2	14.3		14.2	14.9	14.0		11.0	11.2	12.7		7.5	7.8	8.7	
58.0		57.3m×14.8	13.7		57.3m×13.1	14.3	13.3		11.0	11.1	11.8		7.4	7.7	8.5	
60.0			13.1	61.3m×9.7		13.6	12.7		11.0	11.0	11.6		7.4	7.6	8.2	
62.0			12.5	9.6		13.0	12.2		10.9	11.0	11.4		7.3	7.5	8.1	
64.0			12.0	9.1		63.1m×12.7	11.7	65.1m×8.5	63.1m×10.8	11.0	11.3		7.3	7.4	7.9	
66.0			11.5	8.7			11.2	8.3		11.0	10.8		7.3	7.4	7.8	
68.0			66.3m×11.4	8.3			10.7	7.9		10.9	10.3	69.0m×7.3	7.3	7.3	7.7	
70.0				7.9			10.2	7.5		68.9m×10.8	9.8	7.1	68.9m×7.3	7.3	7.5	
72.0				7.6			9.8	7.2			9.4	6.7		7.3	7.4	72.8m×6.1
74.0				7.3			72.1m×9.8	6.9			9.0	6.4		7.3	7.4	5.9
76.0				6.9				6.5			8.6	6.1		74.7m×7.3	7.3	5.6
78.0				77.1m×6.8				6.2			77.9m×8.3	5.8			7.3	5.3
80.0								6.0				5.5			7.3	5.0
82.0								5.7				5.2			7.2	4.8
84.0								82.9m×5.6				5.0			83.7m×7.0	4.5
86.0												4.7				4.2
88.0												4.5				4.0
90.0												88.7m×4.4				3.8
92.0																3.6
94.0																3.4
96.0																94.5m×3.3

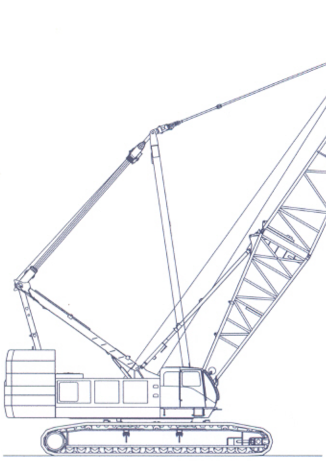
■ Transport dimensions and weights

	Main part name	Outline dimensions	dimensions (HxWxL)	Q'ty	Mass (tons)
Main body	Base machine (1)		3740x3370x10005	1	53.00
	"A"frame		1525x1860x6350	1	3.88
	Base machine (2) without "A"frame equalizer		3330x3380x8830	1	48.30
	Base machine (3) without swing bearing aux'drum		2240x3370x8470	1	23.87
	Carbody		1035x3380x5910	1	17.09
	Swing bearing		183xØ2942	1	2.83
	Crawler		1395x1620x9600	2	29.15x2
	Carbody weight		895x2275x4000	2	13.20x2
Counter weight	1		690x2100x4400	1	19.30
	2		565x2100x4400	1	19.20
	3		515x2100x4400	1	19.00
	4		660x1100x2005	1	7.30
	5		490x1100x1600	1	4.20
	6		660x1290x2035	1	8.70
	7		660x1100x2005	1	7.30
	8		660x1290x2035	1	8.70
	9		590x1100x2005	1	5.80
	10		590x1290x2035	1	7.00
			Total		106.50

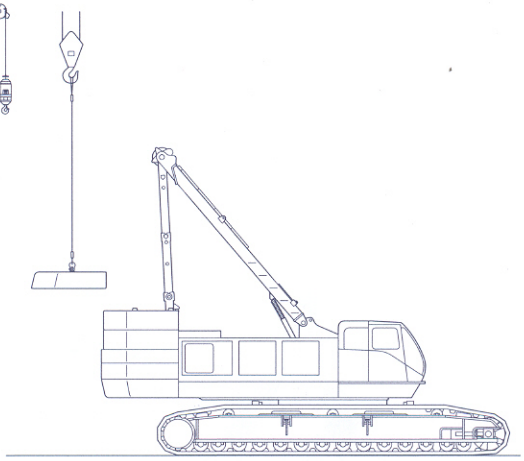
	Main part name	Outline dimensions	dimensions (HxWxL)	Q'ty	Mass (tons)
Crane boom	Inner boom With boom limit stop mast equalizer		3135x2355x11440	1	8.23
	Outer boom		2450x2345x11290	1	4.27
	3m insert boom		2590x2355x3130 As required	1	1.04
	6m insert boom		2590x2355x6130 As required	1	1.66
	9m insert boom		2590x2355x9130 As required	1	2.25
Crane jib	Inner jib with jib strut		1290x1195x6920	1	1.05
	Outer jib		1070x1070x6850	1	0.54
	6m insert jib		1075x1070x6075 As required	1	0.35
	1m aux, jib		635x475x1945	1	0.35
	1.5m aux, jib 2part lines		645x465x2420	1	0.48

	Main part name	Outline dimensions	dimensions (HxWxL)	Q'ty	Mass (tons)
Luffing post	Inner post with boom limit stop mast jib hoistwinch equalizer		3135x2355x11440	1	10.40
Luffing post	Luffing top with guide sheave		2680x2110x2620	1	2.10
Luffing post	Taper insert post with guide sheave		2830x2330x5630	1	2.02
Luffing jib	Inner jib unit with jib strut strut hoist unit		2950x2025x9530	1	3.85
Luffing jib	Outer jib with pendant link point sheave guide sheave		2205x1960x11010	1	1.52
Luffing jib	6m insert jib		2120x1975x6125 As required	1	0.64
Luffing jib	9m insert jib		2120x1975x9125 As required	1	0.90

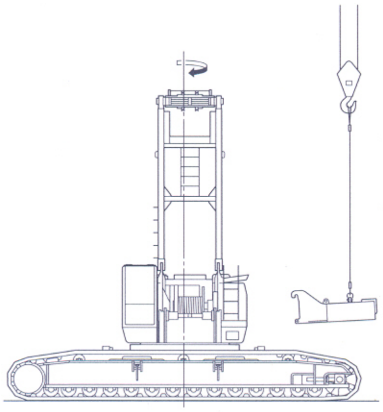
Transport disassembly procedure



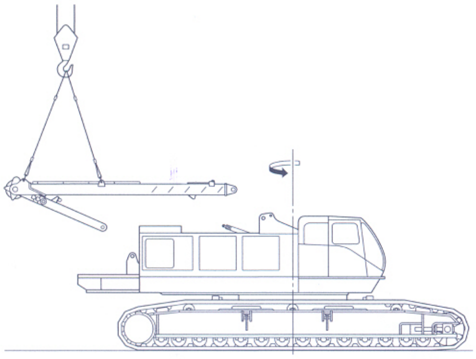
1. Ready for disassembly



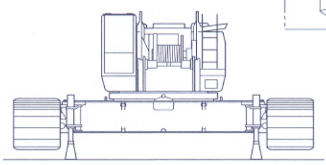
2. Removing the attachment
& counter weights



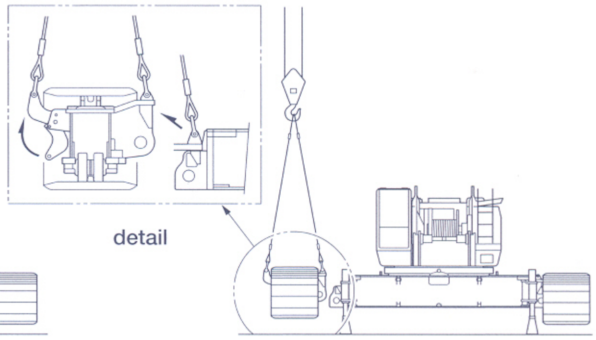
3. Removing the carbody weights



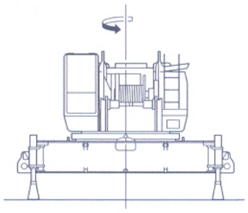
4. Removing the equalizer,A-frame



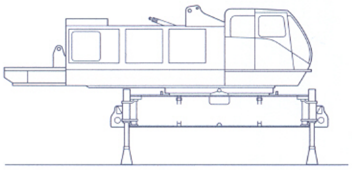
5. Jack up



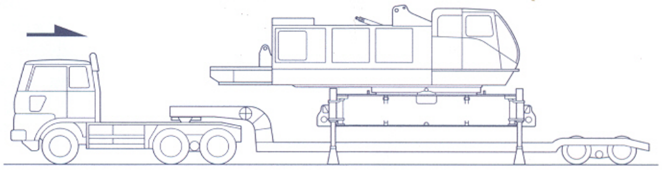
6. Removing the crawlers



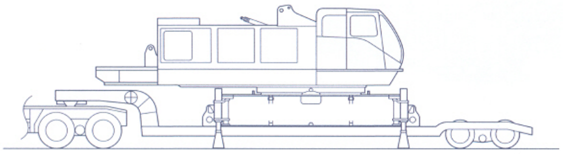
7. Slewing the upper machine



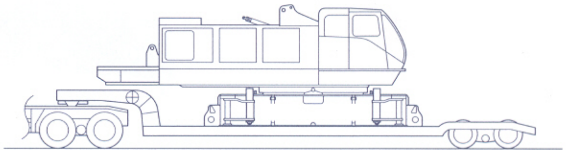
8. Jack up



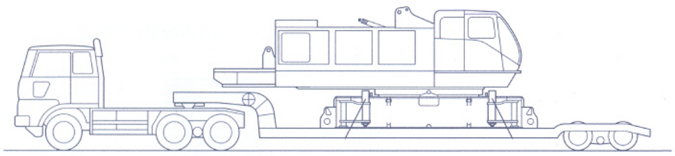
9. Loading the trailer



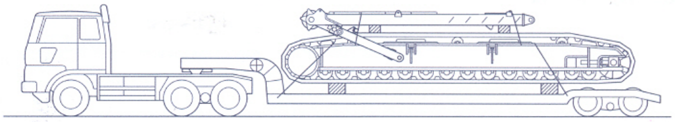
10. Loading the base machine



11. Folding the jack frame



12. Figure of transport



13. Figure of transport (reference)

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