


ZOOMLION

ZOOMLION ZLJ5720JQZ550H ALL TERRAIN CRANE

TECHNICAL SPECIFICATIONS

ZAT5500H763.1/27Y

Edition February 2022

**The technical specifications will be constantly updated. Inconvenience to
you, please understand!**

Zoomlion Heavy Industry Science & Technology Co.,Ltd.

ZOOMLION ZLJ5720JQZ500H ALL TERRAIN CRANE

TECHNICAL SPECIFICATIONS

Specifications, complete vehicle

Product model

Model in auto industry: ZLJ5720JQZ500H

Model in engineering industry: ZAT5500H

Code: ZAT5500H763. 1

Product appearance

Main boom: 85m Jib: 62m Luffing jib: 85m Wind plant jib: 30m Counterweight: 164t



Technical data

Item			Value	Remarks
Work performance	Max. rated lifting capacity	t	550	Nominal OM
	Max. load moment of basic boom	t.m	1600	Right astern
	Max. load moment of main boom (fully extended)	t.m	1120	
	Max. lifting height of basic boom	m	17	
	Max. lifting height of main boom	m	86	
	Max. lifting height of jib	m	138	
Work speeds	Max. hoist rope speed (Main winch)	m/min	120	The 6 th layer
	Boom derricking up time	s	95	
	Boom extending time (7 sections)	min	15	
	Slewing speed	r/min	0 - 1	
Driving	Max. operation altitude	m	2000	
	Max. driving speed	km/h	80	
	Max. gradeability	%	50	
	Min. turning diameter	m	24	
	Min. ground clearance	mm	385	
	Limits for exhaust pollutants and smoke		China VI	
	Front overhang angle	°	16	
	Rear overhang angle	°	12	
Mass	Deadweight in driving condition	kg	72000	Bulletin state
	Complete vehicle kerb mass	kg	71815	Bulletin state
	Single axle load	kg	12000	Bulletin state
Dimensions	Overall dimensions (L×W×H)	mm	19250×3000×4000(4)	
	Outrigger spread (W)	m	9.4(6.1)	
	Outrigger spread (L)	m	9.4	
	Slewing radius of counterweight tail	mm	6500/7000	
	Main boom length (7 sections)	mm	16.1-85	
	Main boom length (5 sections)	m	16.1-62.5	
	Boom angle	°	-0.3 - 84	
	Fix jib length	m	16, 24, 32,40, 48, 56	Superlift:12, 18, 22, 30, 38, 48, 54, 62
	Luffing jib length	m	21, 29, 37, 45, 53, 61, 69, 77, 85	
	Wind plant jib length	m	14, 22,30	
Others	Superlift device		Y-shaped single piece superlift	
	Telescoping mode of main boom		Single cylinder telescoping system with hydraulic interlocking device, top pins	
	Derricking mode		Double- cylinder	

Table of options

Table 1 Options

No.	Description	Remarks
1	Superlift device	Including 1 sets of transport tools and equipment
2	Fixed jib	12, 16, 24, 32, 40, 48, 56m
3	A-frame	6 m, optional selection for superlift jib OM, superlift luffing jib OM, wind plant jib OM
4	Tip boom	6 m, optional selection for wind plant jib (combined with A-frame and jib section combination)
5	Luffing jib package	Excluding the universal boom section of the fixed jib (Select the fixed jib if the luffing jib OM is selected.)
6	Hook	Standard configuration: 160t Optional configuration: 220t, 80t, 40t, 12t
7	Independent boom head	Optional: 5-section boom OM
8	Roadbed box	2.4m*3.5m*0.24m

Components, superstructure

Structure ●

- Designed and manufactured by Zoomlion
- Made of high-tensile structure steel.

Hydraulic and control system ●

- Superstructure hydraulic system adopts open and closed combined system . Main winch and slewing gear adopt the closed system . Luffing gear and telescoping system adopt the open system . Other auxiliary mechanism adopts the valve control system .
- Germany Linde hydraulic pump, motor and Bucher big flow proportional control valve block greatly improve the operation reliability and the inching performance .
- Control mode plus closed winch safe control strategy, simultaneous crane movements loading strategy, the operational stability and smoothness control strategy of main movements.

Hoist gear ●

- The reducer, drum, brake and motor integrated hoist gear is of high quality and is compact in structure;
- Lebus rope groove of the drum ensures optimum spooling behavior of wire rope and perfect rope arrangement during multiple-layer spooling, thus providing prolonged rope service life;
- High-performance rotation-resistant ropes can be used without swivel under load and can be arranged orderly on the drum; the press nipple can be used for rapid reeving change.

Luffing gear ●

- Two hydraulic cylinders, providing the boom with smooth luffing movements from -0.4° to 84°

Slewing gear ●

- Three-row roller external teeth slewing ring
- Two hydraulic motors and planetary reducer
- Slewing speed: 0 – 1.0 rpm

Operator's cab ●

- 4.0 series spacious panoramic cab with sliding door, outward pushing windshield, front foot pedal, safe guard rail around the roof and side of the cab
- No instrument console and electric elements are in the front of the cab. And thus, you can have a good riding experience due to spacious room and comfortable feeling.
- Integrated bus key panel is compact, simple and reliable. Night vision background light is clear and make light work safe.
- Vertical 12 inch two-in-one LCD (touch screen) integrates all of functions and has good observation angle. And thus, you can have good operation experience.

- USB interface is chargeable.
- The operator's cab can be tilted for 20°.
- Cab heater and air conditioning.

Engine ●

- 6-cylinder in-line diesel, manufactured by Cummins, model QSL8.9-C360-30 series, turbo-charged, intercooled
- Rated maximum power: 264 KW at 2100 rpm
- Maximum output torque: 1500 Nm at 1500 rpm
- Off-road China III Emission.

Counterweight ●

- 164t total counterweight (including 6t counterweight carrier) among which 18t lower counterweight, small counterweight (5t per piece, 4 pieces) and side counterweight (10t per piece, 12 pieces)
- Counterweight combinations include 164t, 144t, 124t, 104t, 84t, 64t, 54t, 44t, 24t and 0t.
- Double lifting positions of counterweight handler can move forwards for 500mm .

Central lubricating system ●

- All the lubricating points are automatically supplied with the correct grease quantity for prolonged crane service life and easy maintenance.

Safety monitoring system ●

- Field-proven Hirschmann load moment limiter in high precision and for enhanced safety and reliability;
- Via the CAN data bus system, the information of the chassis and the superstructure can be shared, such as the outrigger state, the tilting angle of the chassis frame etc. And thus, put an end to the danger.
- The remote controller of the main machine and the outriggers has solved the problem of the dead zone of the remote control operation. Most of the superstructure movements are controllable by the remote controller. Convenient interactive functions permit the display of safety information, e.g. load moment, hook height, engine fault and warning signals "Main / auxiliary winch approaching upper / lower limit" etc. on the load moment limiter monitor during crane operation, thus to ensure safe and operator-friendly operation.

Main boom ●

- 5-section / 7-section telescopic boom made of 1100MPa high-tensile steel;
- Optimal oviform boom profile of particular tensional rigidity, outstanding local stability and for the super lifting capacities;
- There are two operating modes, namely 5-section main boom and 7-section main boom . Under 5-section main boom operation mode, the boom length completely extended is 62.5 m . Under 7-section main boom operation mode, the boom length completely extended is 85 m .
- The telescopic boom is telescoped by the single-stage telescoping cylinder with hydraulic interlocking device;
- Rapid-cycle telescoping system with "automatic mode", i.e. all-automatic telescoping to the desired boom length in sequence;
- Main boom and superlift mainboom can telescope in / out by activating one button.

Lattice jib O

- Fixed jib length is 12m to 56m . And the superlift OM combination length is 18m to 62m . There are three offset: 0°, 20° and 40°.
- The luffing jib combination lengths are 21 m, 29 m, 37 m, 45 m, 53 m, 61 m, 69 m, 77 m, 85 m . The luffing jib sections can exchange with the fixed jib sections for each other.
- The wind plant jib combination length: 14 m, 22 m, 30 m . The special wind plant jib head is used with the jib combination together.

Y-shaped guying system O

- Y-shaped guying system in single piece structure.
- It is assembled on the head of basic boom and adopts 2 reeving wire rope.
- It is self-assembled.
- Under the big boom length OM, the deflection can be reduced by 20% to 30% and the performance can be improved by 40% to 100%.

Hook

- Standard configuration: 160t
- Optional configuration: 220t, 80t, 40t, 12t.

Components, chassis

Engine ●

- Model: Benz OM473LA.6-57series, 6-cylinder in-line diesel
- Type: turbo-charged, intercooled
- Displacement: 15.569 L
- Rated maximum power: 480 kw at 1600 r/min
- Max. output torque: 3100 N.m at 1100 r/min
- Limits for exhaust pollutants and smoke: conforming to China VI
- Fuel tank capacity: 500L.

Transmission ●

- ZF transmission system AMT with automatic switching system, torque converter and hydraulic retarder;
- It is imported from Germany.
- 12 forward and 2 reverse speeds

Transfer case ●

- 2-stage transfer case, with stand-by steering pump

Axles ●

- With disc brakes
- 18 t heavy-duty axles
- Drive type: 12 × 8
- All axles are steered. Axles 1, 3, 5 and 6 are mechanical drive.
- Axles 1, 3, 5 and 6 are with transversal differentials and longitudinal differential.

Outrigger ●

- H type two sectional outrigger
- Vertical cylinders with two-way hydraulic locks
- Outriggers can be controlled by an independent wireless small remote controller. Besides, it is equipped with a wire emergency control box .
- The outrigger telescoping state and the complete vehicle level condition can be shown and monitored on the interface of load moment limiter in operator's cab. Therefore, this guarantees the safe operation.

Tires ●

- Tubeless tire
- Tire size: 445/95 R25 radial tires
- Tire pressure: 0.9 MPa

Steering system ●

- Electrical control all-wheel steer with 6 steering programs
- Wired emergency control box
- 2 front axles are mechanical steer and 4 rear axles are electro-hydraulic proportional steer.
- Double-channel steering gear and single axle double-cylinder booster.
- Centralizing cylinders on all of electrical control steering axles for automatic straightening of axles in case of failure

Suspension ●

- All axles with hydro-pneumatic suspension and automatic leveling system
- It is also of rigid locking heavy load driving function.
- The axles are hydro-pneumatically sprung via hydraulic cylinders and are hydraulically lockable. Entire vehicle can be raised or lowered and its left / right side can also be raised or lowered independently. All axles can be raised or lowered after the crane is supported on outriggers.
- The synchronized extension and retraction movements of suspension cylinders can be realized by the speed control valve fitted in the oil line of main valve.

Brake system ●

- It consists of service brake, parking brake (emergency brake) and auxiliary brake.
- Service brake: dual-circuit air brake system, acting on 12 disc brakes
- Parking brake (Emergency brake): spring-loaded brake, acting on 10 disc brakes
- Auxiliary brake: consisting of engine in-cylinder brake and transmission hydraulic retarder brake.
- The auxiliary brake is used for long descending gradients to minimize wear of disc brake. The transmission hydraulic retarder is used to minimize wear of disc brake during normal driving condition.
- The brake system is with ABS.

Electrical system ●

- CAN data bus technology
- The driver's cab is equipped with a large multifunctional electronic display screen (touch screen) in multiple interfaces with convenient interactive functions.
- Generator: 28 V, 100 A
- Bus arrangement, visual monitor and interface display help to check and clear the faults.
- Click the system warning light to skip to the detection interface directly.
- Suspension commissioning interface detects and monitors the energized and deenergized conditions of all of corresponding valves in a whole process. And thus, the operation becomes simple and visualized.

Driver's cab ●

- 4.0 series full-width and all-metal welded spacious cab with flexible lining is of convincing design and outstanding functionality
- The cab is with the following features:
 - ~ Height and inclination adjustable steering wheel
 - ~ Electric windows, windshield wiper & washing device and large combined multi-angle reflectors
 - ~ 3 comfortable seats with armrests and seat belts. (The pneumatically suspended driver's seat can be adjusted automatically to suit any driver height and size.)
 - ~ Luxurious instrument console equipped with multifunctional electronic instrument, control lights, control switches, cigarette lighter, USB interface and MP3 player and so on
 - ~ Adjustable cab heater / defroster and air conditioning
- Semi-floating driver's cab suspension.

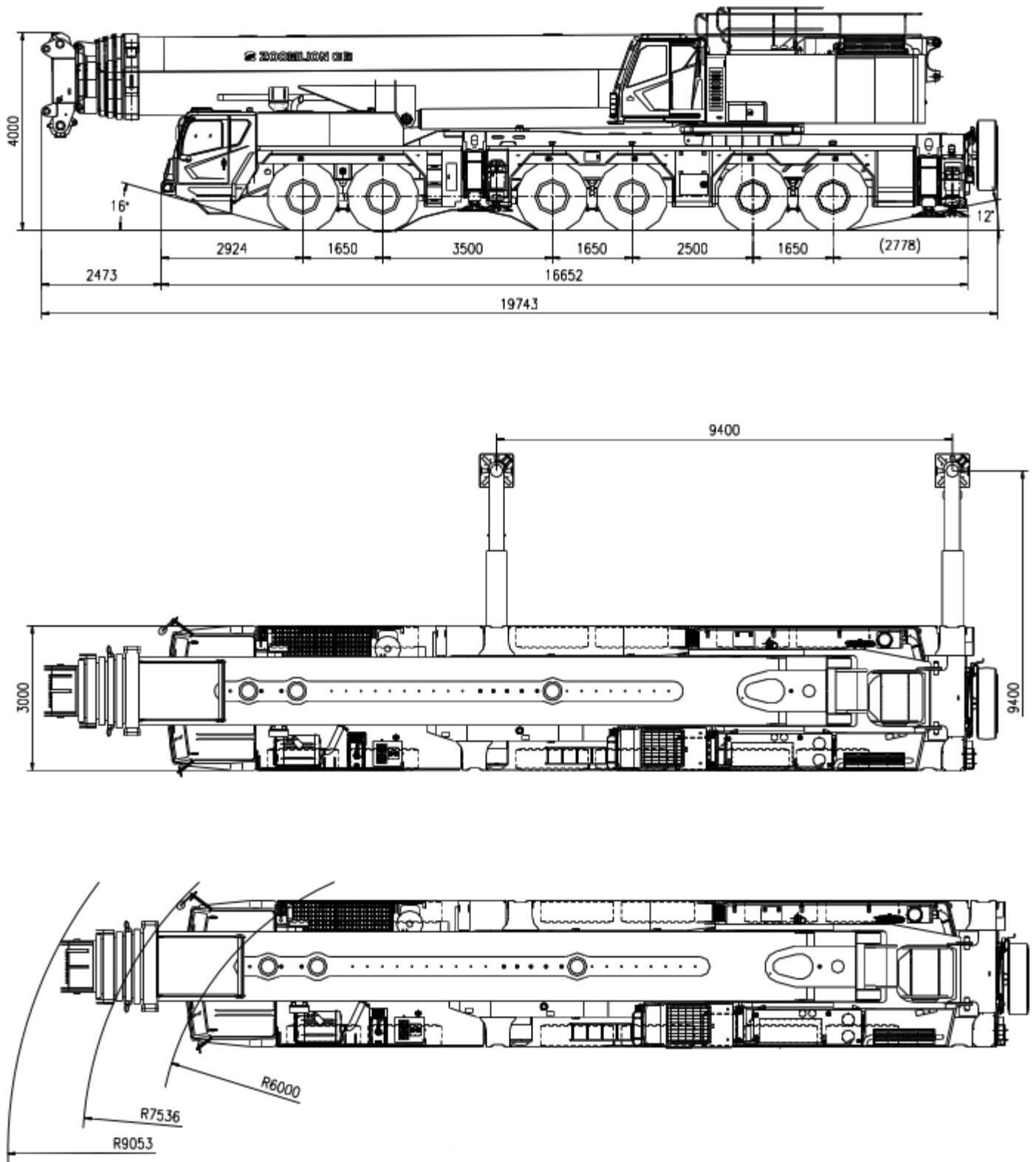
The parts and components of this product are as shown above. As for the details, refer to the product configuration list.

● ——— standard configuration

○ ——— optional configuration

Dimensions (unit: mm)

Complete operation condition

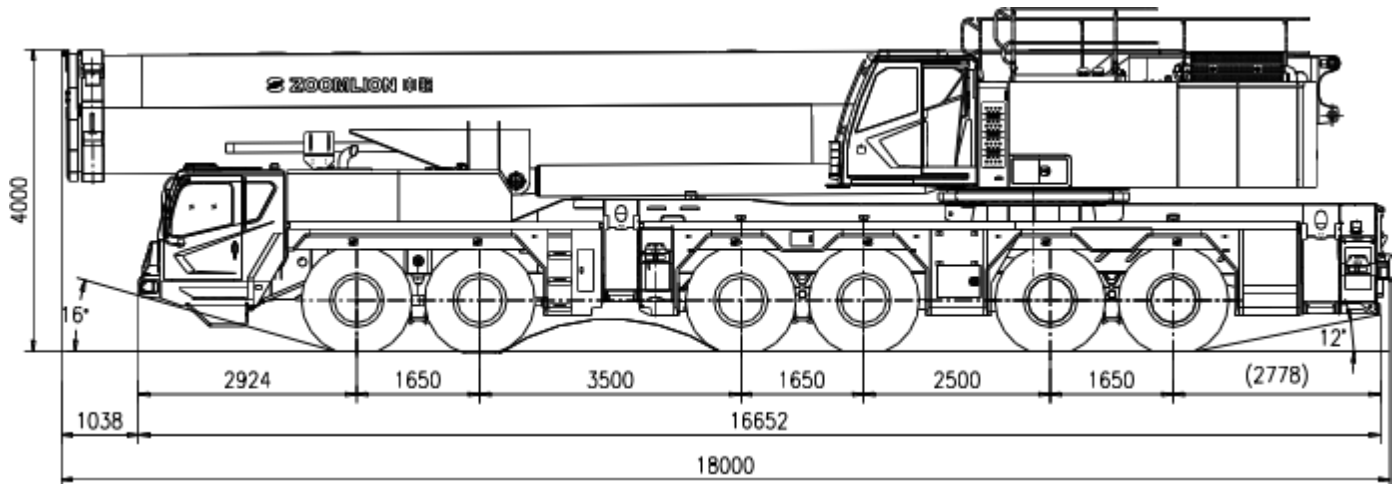


Dimensions (unit: mm)

① 72 t bulletin state

2-section main boom, without sliding beams, winches, hoist ropes, spare tire mechanism, superlift anchoring rods and brackets. Drain off the superstructure hydraulic oil.

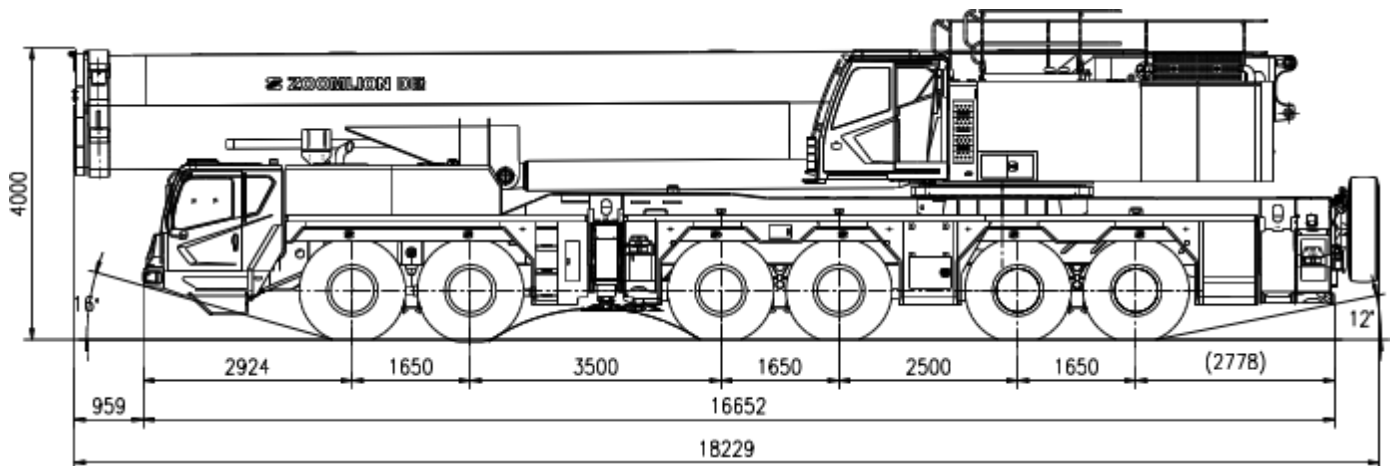
For long distance travelling, vehicle speed below 80 km/h and flexible suspension mode



② Sales delivery mode:

2-section main boom, without rear sliding beams

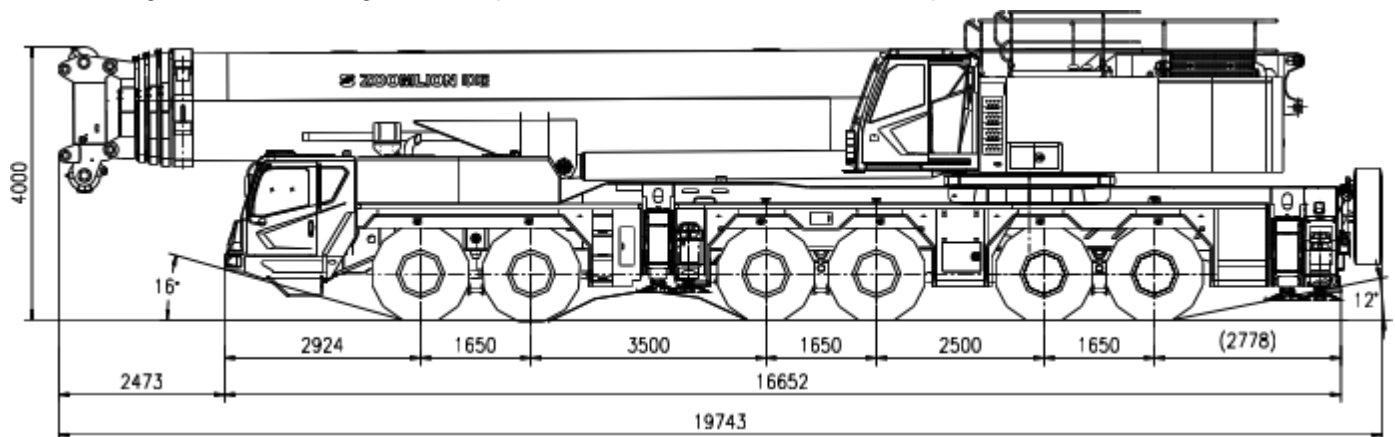
For long distance travelling (sales delivery), vehicle speed about 60 km/h and flexible suspension mode



③ **5-section boom working mode:**

5-section main boom + independent boom head

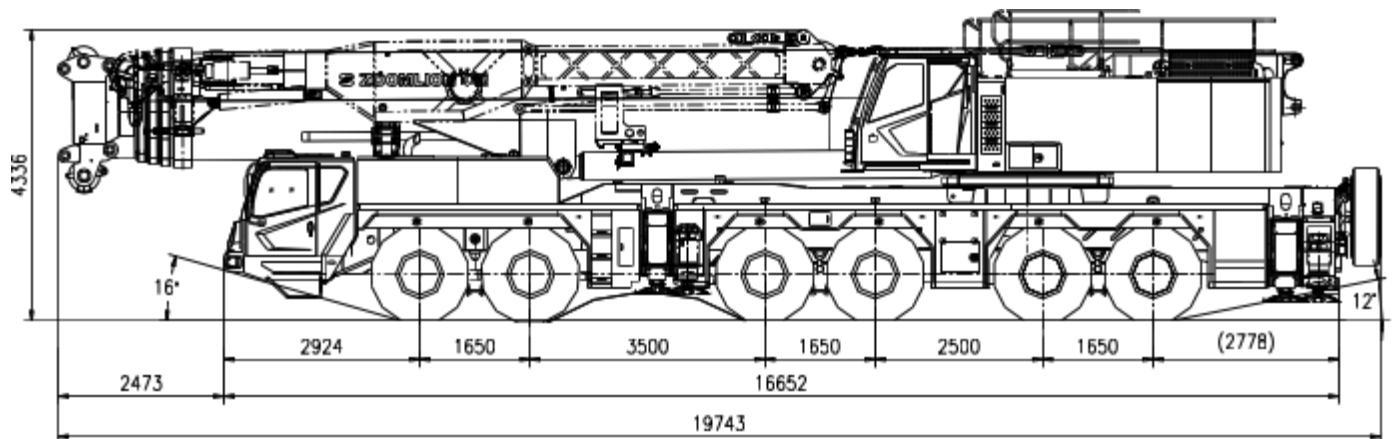
For long distance travelling, vehicle speed below 40 km/h and flexible suspension mode



④ **5-section boom heavy-load mode:**

5-section main boom + independent boom head + superlift assy.

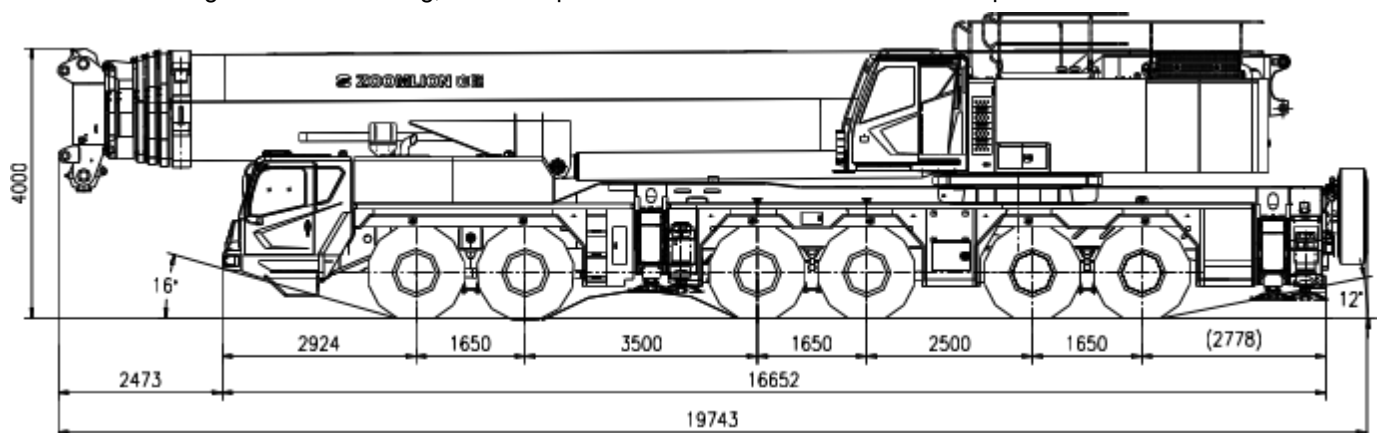
For road short distance travelling, vehicle speed below 20 km/h and rigid suspension mode



⑤ **7-section boom standard mode:**

7-section main boom

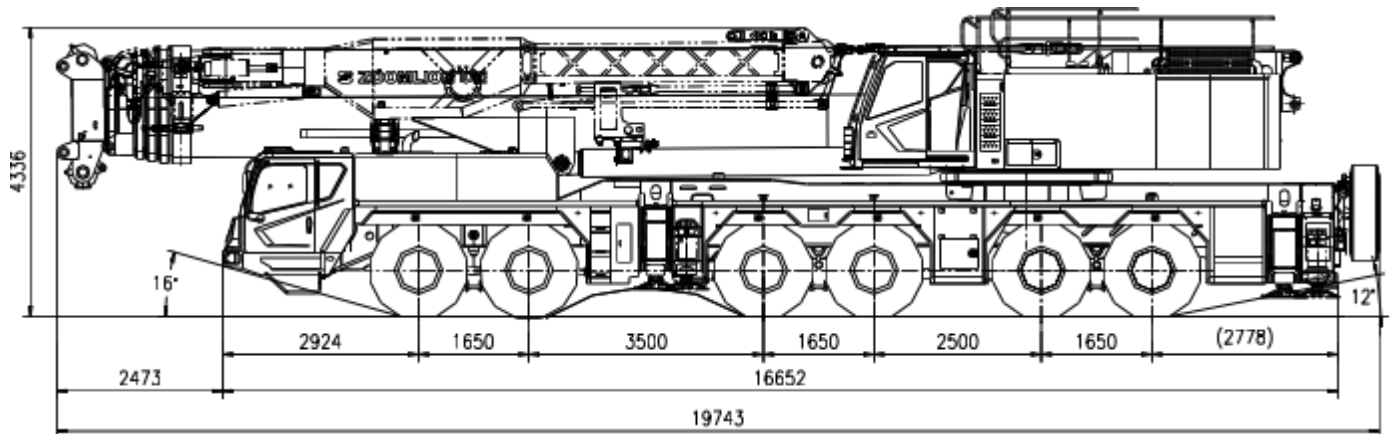
For road long distance travelling, vehicle speed below 40 km/h and flexible suspension mode



⑥ 7-section boom heavy-load mode:

7-section main boom + superlift assy.

For road short distance travelling, vehicle speed below 20 km/h and rigid suspension mode



Parameters in travelling order

Table 2 Weight distribution in travelling order

Modes/ Axle load	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Total weight (t)	Max. vehicle speed (km/h)
①	12 t	12 t	12 t	12 t	12 t	12 t	72 t	80
②	11.2 t	11.2 t	11.2 t	15.8 t	15.8 t	15.8 t	81 t	60
③	16.3 t	16.3 t	16.3 t	18.1 t	18.1 t	18.1 t	103 t	40
④	23.1 t	23.1 t	23.1 t	16.8 t	16.8 t	16.8 t	120 t	20
⑤	18.4 t	18.4 t	18.4 t	18.4 t	18.4 t	18.4 t	110 t	40
⑥	25.2 t	25.2 t	25.2 t	17 t	17 t	17 t	126 t	20

Note:

Modes ②, ③ and ⑤ are conventional travelling ones.

Heavy-load modes such as ④ and ⑥ are used for road short-distance transit. And you should obey the strict travelling regulations and requirements.

As for the descending corner slope, you should limit the traveling speed further. And do not travel with the superlift device.

Hook

Table 3 Hook

Specification	Weight (t)	Transport dimensions (mm)	Fall	Single/ double hook	Standard/ optional
220t	3.4	2500×1160×760	20	Double	○
160t	2.7	2050×1000×760	15	Double	●
80t	2.1	1810×640×760	7	Double	○
40t	1.4	1760×600×760	3	Single	○
12t	0.7	1100×450×450	1	Single	○

Wire rope

Table 4 Wire rope

	Diameter (mm)	Length (m)	Max. pulling force of single rope (t)
Main hoist rope	φ24	720	13
Derricking rope, luffing jib	φ24	780	13
Superlift rope	φ34	195	30

Counterweight (transported individually)

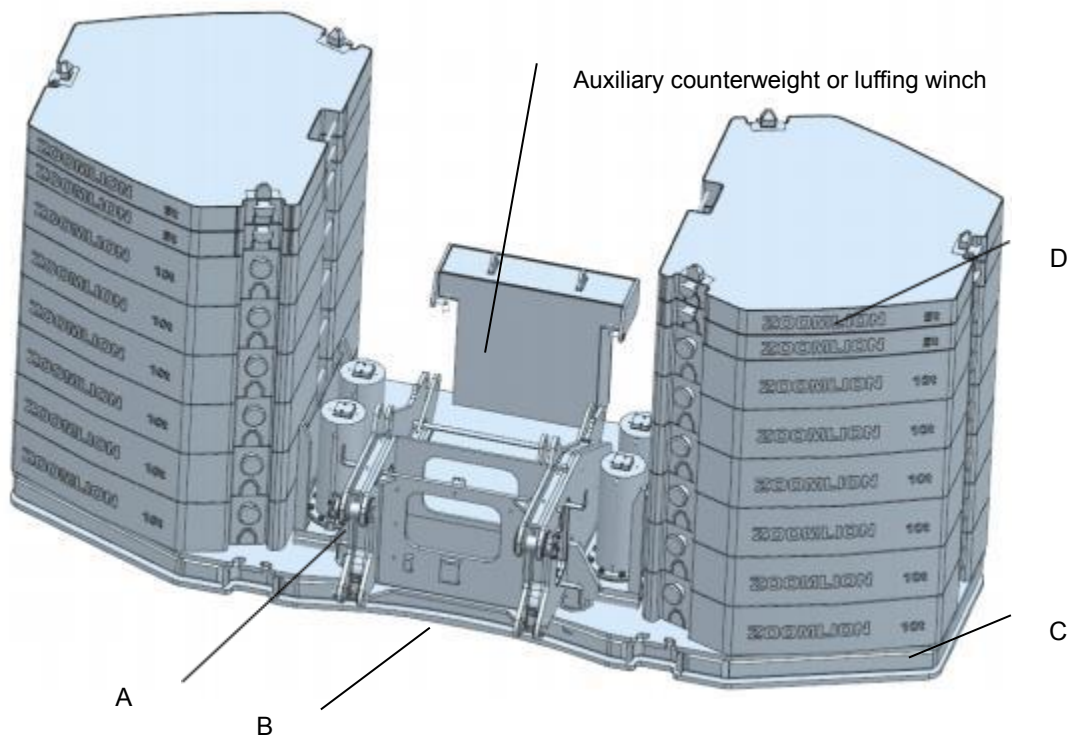


Table 5 Counterweight

	A (counterweight carrier, including the auxiliary counterweight or luffing winch)	B (Lower counterweight)	C (Small counterweight)	D (Standard counterweight)
Weight (t)	6	18	5	10
Transport dimensions (m)	2.43×2.3×1.5	6.9×2.4×0.7	2.4×2.1×0.2	2×2.4×0.52
Quantity of full configuration (piece)(piece)	1	1	4	12

Table 6 Counterweight combinations (Unit: piece)

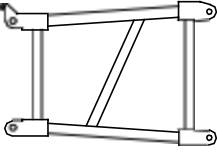
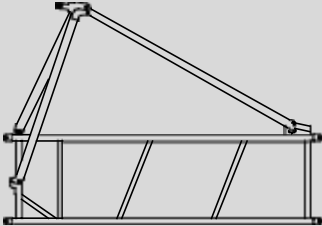
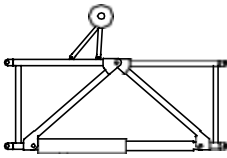
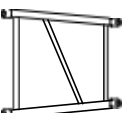
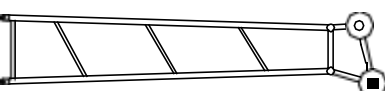
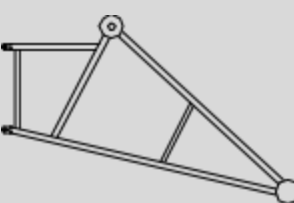
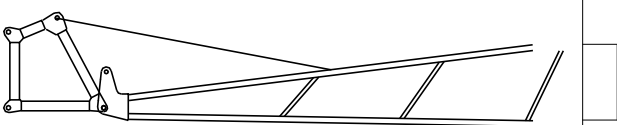
Combianions	A	B	C	D
0t	0	0	0	0
24t	1	1	0	0
44t	1	1	0	2
54t	1	1	2	2
64t	1	1	0	4
84t	1	1	0	6
104t	1	1	0	8
124t	1	1	0	10
144t	1	1	0	12
164t	1	1	4	12

Main dismantle transport components

Description	Illustration	Weight Kg	Quantity	Overall dimensions (L×W×H) mm
5 telescopic sections		32000	1	15700X2000X2200
Independent boom head		2100	1	2300X1770X940
Adaptor		1500	1	2660X2200X1770
A-frame		2500	1	6120X2800X2200
Extension 1		1600	4	8120X2120X1920
Extension 2		1100	4	8120X1820X1480
Articulated piece, jib		2200	1	4320X2150X1870
Transition section		500	1	2120X1920X1720
Head section		1100	1	7850X1940X1820

Luffing jib four- piece		12000	1	16160X2200X3000
Luffing winch		5000	1	1690X1650X1860
Wind plant tip boom		1600	1	6340X2120X2690
Luffing jib trolley		400	1	1850X1470X820
Superlift		16200	1	11000X3000X1800
Rear sliding beams		2400	2	2900X450X850
Outrigger pad		75	4	700X700X200
Roadbed box		2500	4	3500X2400X240

Boom combinations

No.	Description	Structure type	Dimensions(L×W×H) m	Weight kg
A	Adaptor		2x2x1.6	2000
B	Extension, A- frame		6x6.5x4.21	2700
C	Articulated piece		4.2x2x1.6	1500
D	Extension 1		8x2x1.6	1650
E	Transition section		1.8x2x1.6	500
F	Extension 2		8x1.7x1.3	1200
G	Head section		7.5x1.7x1.3	1400
H	Tip boom		5.5x2x3.19	1800
I	Luffing jib four- piece		15.8x2.2x2.9	12000

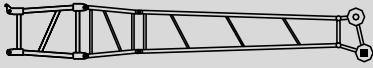
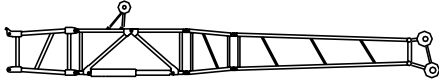
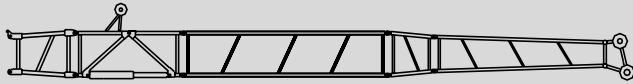
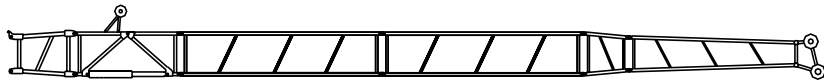
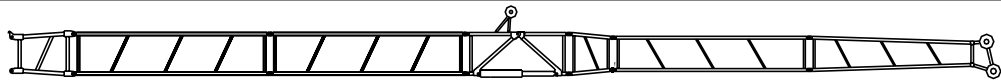
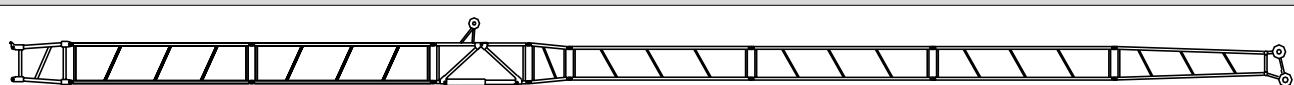
Boom combinations

Table 7 OM combinations of lattice jib

Combinations/ NO.	Boom length m	A	B	C	D	E	F	G	H	I
Fixed jib	12	●	-	-	-	●	-	●	-	-
	16	●	-	●	-	●	-	●	-	-
	24	●	-	●	1	●	-	●	-	-
	32	●	-	●	2	●	-	●	-	-
	40 rear luffing	●	-	●	2	●	1	●	-	-
	40 front luffing	●	-	●	2	●	1	●	-	-
	48	●	-	●	2	●	2	●	-	-
	56	●	-	●	2	●	3	●	-	-
Fixed jib, superlift	12	●	●	-	-	●	-	●	-	-
	18	●	●	●	-	●	-	●	-	-
	22	●	●	●	-	●	-	●	-	-
	30	●	●	●	1	●	-	●	-	-
	38	●	●	●	2	●	-	●	-	-
	46 rear luffing	●	●	●	2	●	1	●	-	-
	46 front luffing	●	●	●	2	●	1	●	-	-
	54	●	●	●	2	●	2	●	-	-
	62	●	●	●	2	●	3	●	-	-
Wind plant jib	14	●	●	-	-	-	-	-	●	-
	22	●	●	-	1	-	-	-	●	-
	30	●	●	-	2	-	-	-	●	-
Luffing jib	21	●	●	-	-	●	-	●	-	●
	29	●	●	-	1	●	-	●	-	●
	37	●	●	-	2	●	-	●	-	●
	45	●	●	-	2	●	1	●	-	●
	53	●	●	-	2	●	2	●	-	●
	61	●	●	-	3	●	2	●	-	●
	69	●	●	-	3	●	3	●	-	●
	77	●	●	-	4	●	3	●	-	●
	85	●	●	-	4	●	4	●	-	●

“●” indicates the required components for OMs.

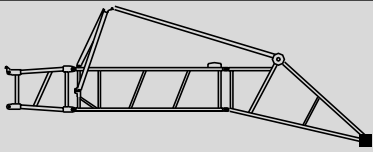
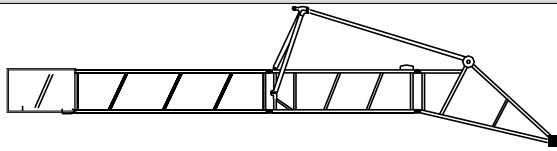
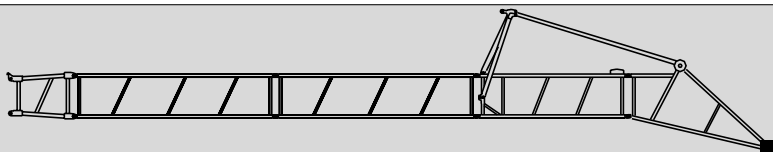
Fixed jib combinations

12m		
16m		
24m		
32m		
40m		Rear luffing
40m		Front luffing
48m		
56m		

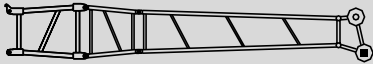
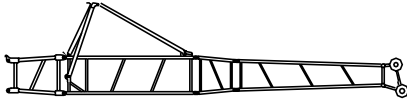
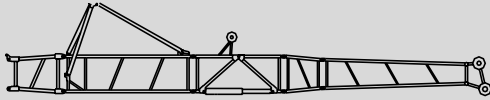
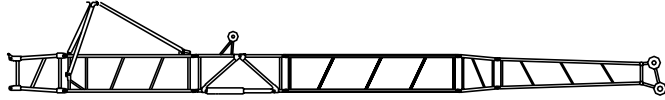
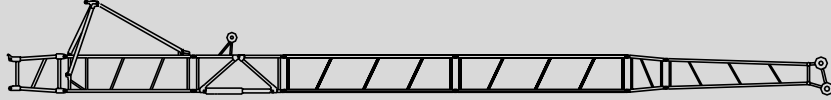
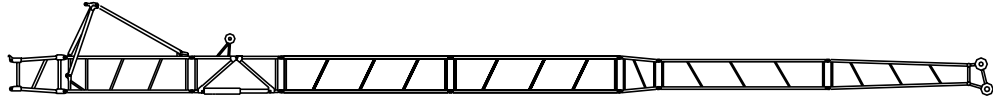
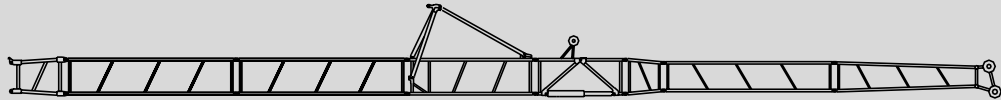
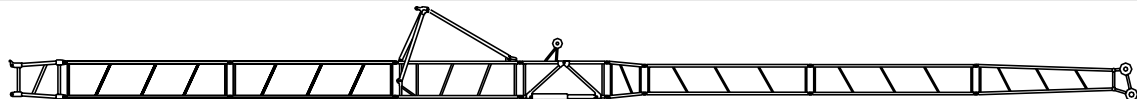
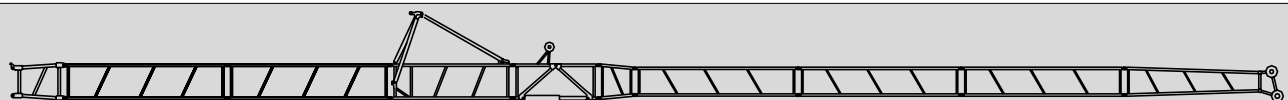
Note :

40m jib combinations have two kinds, namely rear luffing one and front luffing one. And 48m and 56m jib only have the front luffing OM.

Wind plant jib combinations

14m	
22m	
30m	

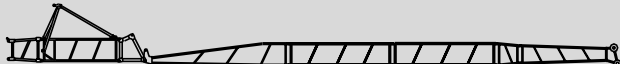
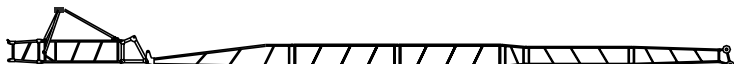
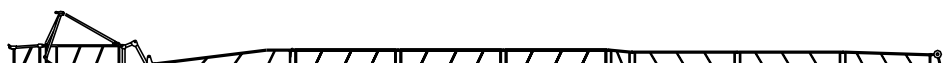
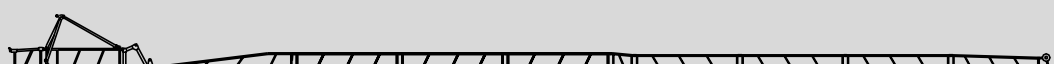
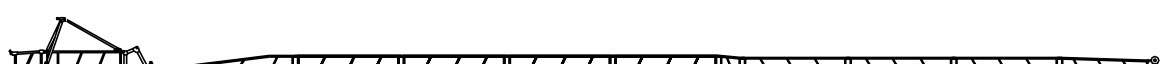
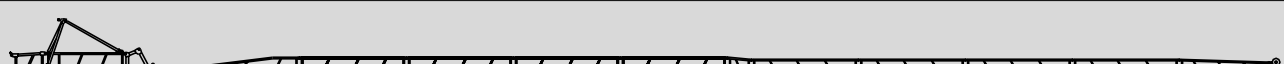
Superlift + fixed jib combinations

12m		
18m		
22m		
30m		
38m		
46m		Rear luffing
46m		Front luffing
54m		
62m		

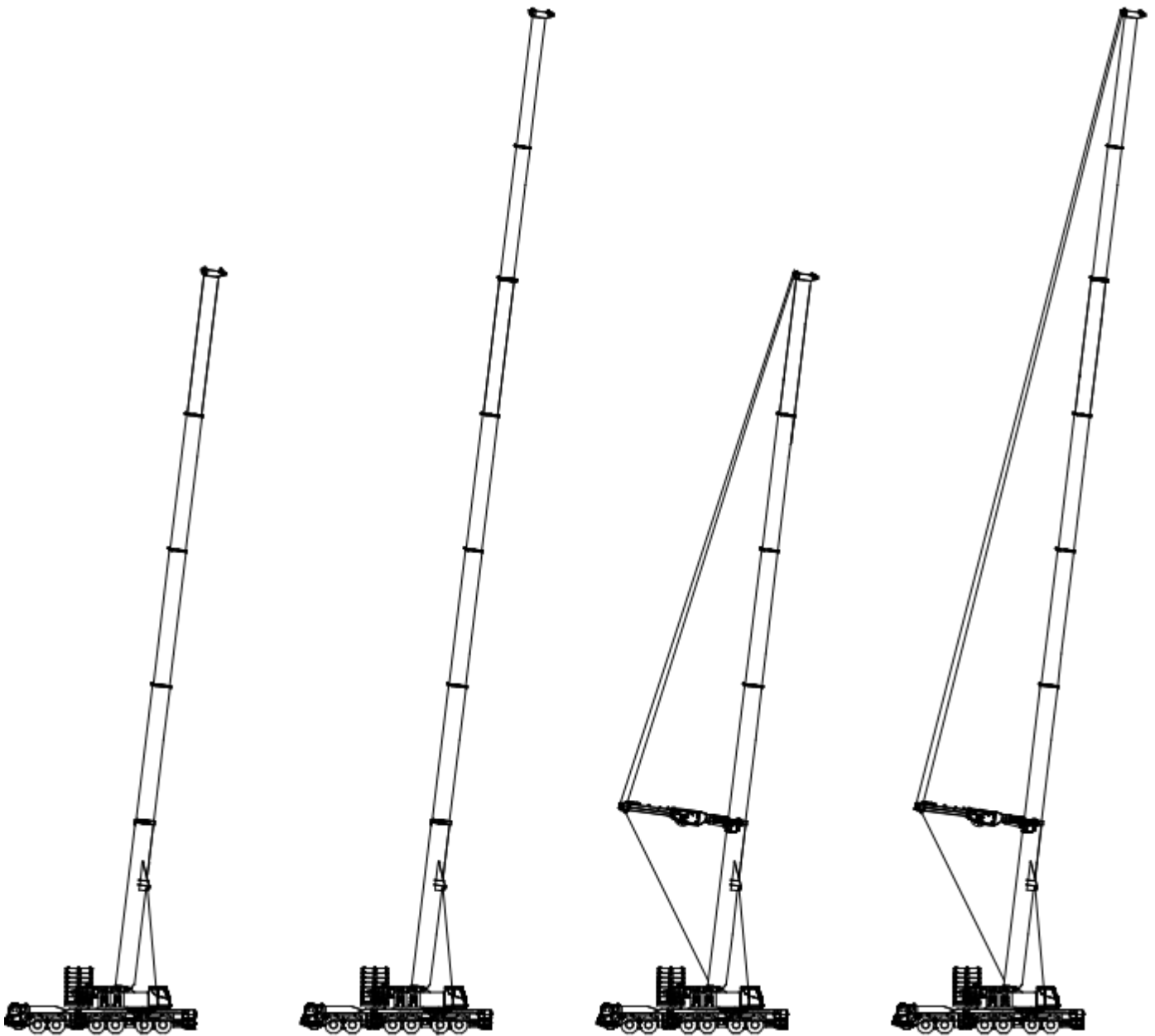
Note :

46m jib combinations have two kinds, namely rear luffing one and front luffing one. And 54m and 62m jib only have the front luffing OM.

Superlift + luffing jib combinations

21m	
29m	
37m	
45m	
53m	
61m	
69m	
77m	
85m	

OM combinations

**5-section main boom****7-section main boom****5-section main boom +
suprlift****7-section main boom +
superlift**

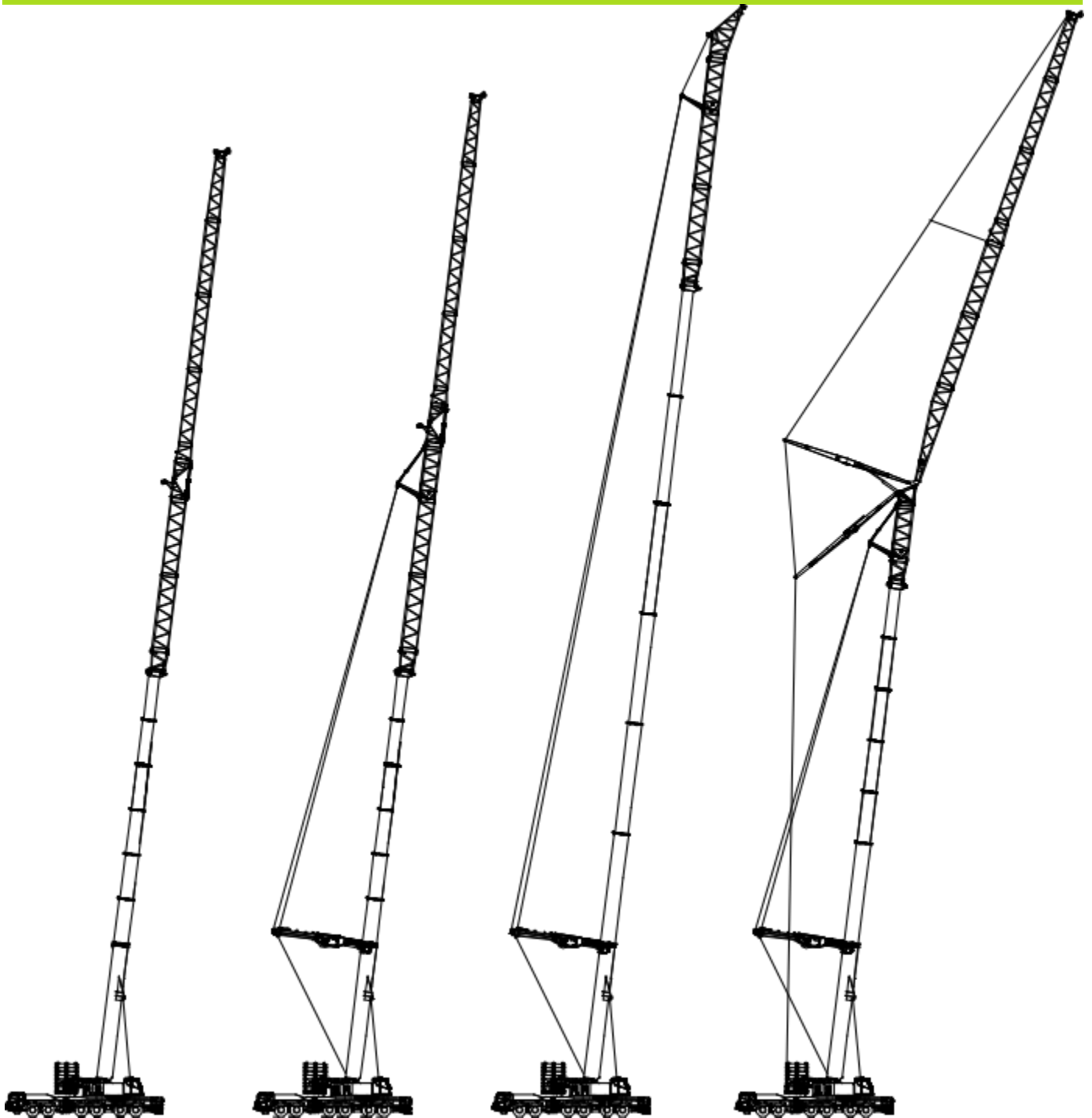
16.1 - 62.5m

16.1 - 85m

37.3 - 62.5m

37.3 - 85m

OM combinations



Main boom + fixed jib

16.1, 58.5 - 79.7m

12 - 56m

Main boom + fixed jib +
superlift

63.8 - 79.7m

12 - 62m

Main boom + wind plant jib +
superlift

37.3 - 79.7m

14, 22, 30m

Main boom + luffing jib +
superlift

37.3 - 69.1m

21 - 85m

Lifting capacity tables / Lifting height charts

- 1 OM marked with the asterisks (*) is a nominal one.
- 2 As for OMs more than 220t, the pulley on the boom frame and the hook also need to be modified. Please contact the manufacturer in advance if necessary.
- 3 The graphic description is as follows.

Graphical representation	Description
	Main Boom OM
	Superlift OM
	Jib OM
	Luffing Jib OM
	Wind plant Jib OM
N_{max}	Max. number of fall
R	Working radius

Graphical representation	Description
	Outriggers fully extended
	Outriggers intermediately extended
	Over full range
	Weight of counterweight
	Slewing radius, counterweight
W_{max}	Max. wind speed, working time
L	Boom length

- 4 Do not lift a load that is above the capacity of the crane under any condition.
- 5 Do not perform the lifting operation when the wind speed exceeds the limit, especially for large boom length and large working radius OM.
- 6 A temperature difference occurs between the side facing the sun and the side facing away from the sun in cranes with telescopic booms. This causes that the boom frame material expands when heated and contracts when cooled, which can affect the straightness of the boom frame to some extent.
- 7 When lowering the load from high place (such as shield construction, wind plant maintenance etc.), first perform rope arrangement OM, and then use a hook of large weight (the counterweight plate is allowed.) and apply big reeving as possible as you can in order to reduce the working layers of the winch.
- 8 Select the proper hook and multiple rope fall during lifting operation. Reduce the working pulling force of single rope, and thus reduce the risk of wire rope damage.

Lifting capacity tables / Lifting height charts

5-section main boom OM: 16.1m-62.5m

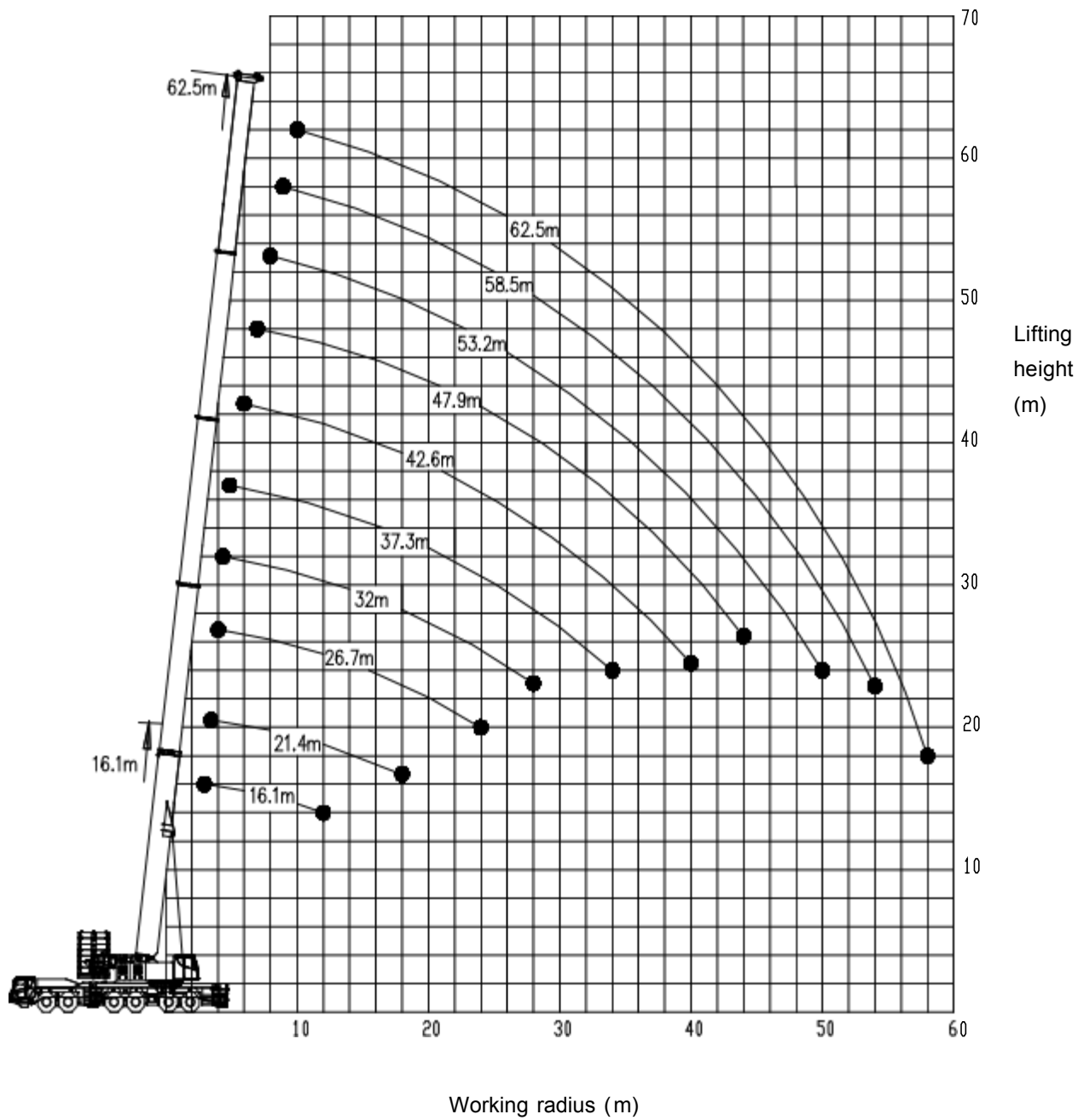


Table 1-1-1 5-section main boom

Unit: t

16.1m - 62.5m 9.4×9.4 360° 164t 7m															
R/L	16.1	21.4			26.7				32			37.3	R/L		
3	550*												3		
3.5	250	250	230	170									3.5		
4	240	240	228	160	200	190	170	115					4		
4.5	230	230	228	150	195	190	168	112	190	170	118		4.5		
5	225	225	225	145	192	190	164	110	185	165	115	168	5		
6	205	205	205	140	190	190	160	100	178	160	110	165	6		
7	187	185	184	135	185	178	150	95	174	155	102	158	7		
8	175	172	168	130	170	165	140	90	165	150	96	150	8		
9	166	164	162	125	160	156	130	84	155	145	90	145	9		
10	153	153	154	120	152	150	122	78	146	135	85	138	10		
12	130	131	133	112	130	133.5	112	70	132	125	75	125	12		
14		109	111	105	109	111	100	63	110	108	67	110	14		
16		94	96	95	93	96	92	57	94	97	60	96	16		
18		75	77	78	81	83	85	53	82	85	55	84	18		
20					71	73	75	49	72	75	51	74	20		
22					63	65	67	44	64	67	47	66	22		
24					44	45	48	42	57	60	44	59	24		
26									52	55	41	53	26		
28									42	44	38	48	28		
30												44	30		
32												40	32		
34												30	34		
Reeving	22	22	20	18	18	18	16	10	18	16	10	16	Reeving		
Wind speed		14.1m/s											Wind speed		
Hook		220t/160t											Hook		
Telescoping mode	I	1	1	1	1	2	1	1	1	2	1	1	2	I	Telescoping mode
	II	1	2	1	1	2	2	1	1	2	2	1	2	II	
	III	1	1	2	1	1	2	2	1	2	2	2	2	III	
	IV	1	1	1	2	1	1	2	3	1	2	3	2	IV	

Table 1-1-2 5-section main boom

Unit: t

16.1m - 62.5m 9.4×9.4 360° 164t 7m															
R/L	37.3		42.6			47.9			53.2		58.5	62.5	R/L		
5	125	102											5		
6	120	100	125	120	108								6		
7	116	92	120	115	105	108	105	94					7		
8	110	85	115	110	102	105	102	92	74	70			8		
9	102	80	110	105	95	102	100	87	72	70	60		9		
10	95	74	105	100	88	98	96	82	70	68	60	50	10		
12	86	65	96	95	78	91	90	72	68	65	59	50	12		
14	78	58	88	86	69.5	81	82	64	66	62	58	49	14		
16	70	52	80	78	62.5	74	75	58	64	59	56	48	16		
18	64	48	73	72	57	67	68	53	62	55	54	47	18		
20	59	44	67	67.2	52.2	62	63	48	57	50	52	46	20		
22	55	40	62	62.5	48	56	57	44	53	46	49	44	22		
24	51	37	57	59	44.3	52	53	41	49	43	46	42	24		
26	48	35	53	55	41.3	49	50	38	46	40	43	39	26		
28	45.5	33	48	50	38.5	45	46.5	35	43	38	40	37	28		
30	43.2	31	43	45	36.2	42	43	33	40.5	35	38	34	30		
32	41	29	39	41	34	38.5	40	31	37.5	33	36	32	32		
34	32	27	35	37	32.2	35.5	36.5	29	35.3	31	34	30	34		
36			32	34	30.4	32.5	33.8	27	33.2	29	32	28	36		
38			28	29.5	28.8	30	31	26	30.7	27.5	30	27	38		
40			18	20	21	27	28.5	25	28.2	26	28	25.5	40		
42						24.5	26.2	23	26	24.5	26	24	42		
44						19.5	21	22	24	23	24	23	44		
46									22.2	21.5	22	21.5	46		
48									20.5	19.5	20	20	48		
50									14.5	16.2	18	18	50		
52											17	16.5	52		
54											15.5	15	54		
56												14	56		
58												13	58		
Reeving	10	10	10	10	10	10	10	10	8	6	6	6	Reeving		
Wind speed	11.1m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	1	1	3	2	1	3	3	1	3	2	3	4	I	Telescoping mode
	II	2	1	2	2	3	3	2	3	3	3	3	4	II	
	III	2	3	2	2	2	2	2	3	3	3	3	4	III	
	IV	3	3	2	3	3	2	3	3	2	3	3	4	IV	

Table 1-2-1 5-section main boom

Unit: t

16.1m - 62.5m 9.4×9.4 360° 144t 7m															
R/L	16.1	21.4			26.7				32			37.3	R/L		
3													3		
3.5	250	250	230	170									3.5		
4	240	240	228	160	200	190	170	115					4		
4.5	230	230	228	150	195	190	168	112	190	170	118		4.5		
5	225	225	225	145	192	190	164	110	185	165	115	168	5		
6	205	205	205	140	190	190	160	100	178	160	110	165	6		
7	187	185	184	135	185	178	150	95	174	155	102	158	7		
8	175	172	168	130	170	165	140	90	166	150	96	150	8		
9	160	160	160	125	160	156	130	84	158	145	90	145	9		
10	148	148	149	120	148	149	122	78	148	135	85	138	10		
12	123	124	125	112	124	126	112	70	125	125	75	124	12		
14		105	107	105	104	106	100	63	105	106	67	106	14		
16		90	91	92	89	91	92	57	90	93	60	92	16		
18		75	76	77	77	79	82	53	79	81	55	80	18		
20					68	70	72	49	69	72	51	71	20		
22					59	62	64	44	61	64	47	62	22		
24					43	44	46	42	53	56	44	55	24		
26									46.8	50	41	48	26		
28									40	44	38	43.5	28		
30												39	30		
32												35	32		
34												30	34		
Reeving	22	22	20	18	18	18	16	10	18	16	10	16	Reeving		
Wind speed	14.1m/s												Wind speed		
Hook	220t/160t												Hook		
Telescoping mode	I	1	1	1	1	2	1	1	1	2	1	1	2	I	Telescoping mode
	II	1	2	1	1	2	2	1	1	2	2	1	2	II	
	III	1	1	2	1	1	2	2	1	2	2	2	2	III	
	IV	1	1	1	2	1	1	2	3	1	2	3	2	IV	

Table 1-2-2 5-section main boom

Unit: t

16.1m - 62.5m 9.4×9.4 360° 144t 7m															
R/L	37.3		42.6			47.9			53.2		58.5	62.5	R/L		
5	125	102											5		
6	120	100	125	120	108								6		
7	116	92	120	115	105	108	105	94					7		
8	110	85	115	110	102	105	102	92	74	70			8		
9	102	80	110	105	95	102	100	87	72	70	60		9		
10	95	74	105	100	88	98	96	82	70	68	60	50	10		
12	86	65	96	95	78	91	90	72	68	65	59	50	12		
14	78	58	88	86	69.5	81	82	64	66	62	58	49	14		
16	70	52	80	78	62.5	74	75	58	64	59	56	48	16		
18	64	48	73	72	57	67	68	53	62	55	54	47	18		
20	59	44	67	67.2	52.2	62	63	48	57	50	52	46	20		
22	55	40	61.5	62.5	48	56	57	44	53	46	49	44	22		
24	51	37	54	56.6	44.3	52	53	41	49	43	46	42	24		
26	48	35	48	50.3	41.3	48	49	38	46	40	43	39	26		
28	45.5	33	42.6	45	38.5	43.5	44	35	43	38	40	37	28		
30	41.5	31	38.2	40.5	36.2	38.4	39.6	33	39.2	35	38	34	30		
32	37.5	29	34.3	36.6	34	34.6	35.7	31	35.3	33	35.8	32	32		
34	32	27	31	33.3	32.2	31.3	32.4	29	32.1	31	33.1	30	34		
36			28	30.4	30.4	28.3	29.5	27	29.1	29	30.2	28	36		
38			25	27.8	28.8	26	27	26	26.6	27.5	27.6	27	38		
40						23.6	24.7	25	24.3	26	25.3	25.5	40		
42						21.6	22.6	23	22.4	24.1	23.4	23.5	42		
44						19.5	20.5	22	20.5	22.3	21.6	21.6	44		
46									18.9	20.6	19.8	20	46		
48									17.5	19	18.4	18.5	48		
50									14	16	17	17	50		
52											15.7	15.8	52		
54											14.5	14.7	54		
56												13.5	56		
58												12	58		
Reeving	10	10	10	10	10	10	10	10	8	6	6	6	Reeving		
Wind speed	11.1m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	1	1	3	2	1	3	3	1	3	2	3	4	I	Telescoping mode
	II	2	1	2	2	3	3	2	3	3	3	3	4	II	
	III	2	3	2	2	2	2	2	3	3	3	3	4	III	
	IV	3	3	2	3	3	2	3	3	2	3	3	4	IV	

Table 1-3-1 5-section main boom

Unit: t

16.1m - 62.5m 9.4×9.4 360° 124t 7m															
R/L	16.1	21.4			26.7				32			37.3	R/L		
3													3		
3.5	250	250	230	170									3.5		
4	240	240	228	160	200	190	170	115					4		
4.5	230	230	228	150	195	190	168	112	190	170	118		4.5		
5	225	225	225	145	192	190	164	110	185	165	115	168	5		
6	190	190	190	140	190	190	160	100	178	160	110	165	6		
7	180	180	180	135	180	178	150	95	174	155	102	158	7		
8	165	164	165	130	165	165	140	90	162	150	96	150	8		
9	150	150	151	125	150	152	130	84	151	145	90	145	9		
10	134	134	135	120	135	135	122	78	134	135	85	135	10		
12	110	110	111	112	109	112	112	70	111	112	75	112	12		
14		93	94	95	92	94	96	63	93	95	67	95	14		
16		80	81	82	78	81	83	57	80	82	60	81	16		
18		67	68	70	68	70	72	53	69	72	55	71	18		
20					59	62	64	49	61	63	51	62	20		
22					51	54	56	44	53	56.6	47	55	22		
24					43	44	46	42	46.2	49.5	44	48	24		
26									40	43.7	41	42.4	26		
28									35.5	38.6	38	37.7	28		
30												33.6	30		
32												30.2	32		
34												27	34		
Reeving	22	22	20	18	18	18	16	10	18	16	10	16	Reeving		
Wind speed	14.1m/s												Wind speed		
Hook	220t/160t												Hook		
Telescoping mode	I	1	1	1	1	2	1	1	1	2	1	1	2	I	Telescoping mode
	II	1	2	1	1	2	2	1	1	2	2	1	2	II	
	III	1	1	2	1	1	2	2	1	2	2	2	2	III	
	IV	1	1	1	2	1	1	2	3	1	2	3	2	IV	

Table 1-3-2 5-section main boom

Unit: t

16.1m - 62.5m 9.4×9.4 360° 124t 7m															
R/L	37.3		42.6			47.9			53.2 53.2		58.5	62.5	R/L		
5	125	102											5		
6	120	100	125	120	108								6		
7	116	92	120	115	105	108	105	94					7		
8	110	85	115	110	102	105	102	92	74	70			8		
9	102	80	110	105	95	102	100	87	72	70	60		9		
10	95	74	105	100	88	98	96	82	70	68	60	50	10		
12	86	65	96	95	78	91	90	72	68	65	59	50	12		
14	78	58	88	86	69.5	81	82	64	66	62	58	49	14		
16	70	52	80	78	62.5	74	75	58	64	59	56	48	16		
18	64	48	70	72	57	67	68	53	62	55	54	47	18		
20	59	44	61	63	52.2	61.5	63	48	57	50	52	46	20		
22	55	40	54.2	56	48	54.5	57	44	53	46	49	44	22		
24	51	37	47.2	49.5	44.3	47.5	48.6	41	48	43	46	42	24		
26	44	35	41.5	43.9	41.3	41.7	42.9	38	42.5	40	43	39	26		
28	40.4	33	36.8	39	38.5	37	38	35	37.8	38	38.8	37	28		
30	36.3	31	32.8	35	36	33	34.2	33	33.8	35	34.8	34	30		
32	32.8	29	29.3	31.5	32.6	29.6	30.6	31	30.3	32.2	31.4	31.5	32		
34	30	27	26.3	28.6	29.7	26.6	27.7	29	27.3	29.1	28.4	28.5	34		
36			23.7	26	27	24	25.1	27	24.7	26.5	25.7	25.9	36		
38			21	23.6	24.5	21.6	22.7	25.2	22.4	24.2	23.4	23.5	38		
40						19.8	20.7	23.1	20.4	22.1	21.4	21.6	40		
42						17.8	18.9	21.2	18.5	20.3	19.6	19.7	42		
44						16	17	19.5	16.8	18.6	17.8	18	44		
46									15.4	17	16.4	16.6	46		
48									14	15.8	15.1	15.3	48		
50									12.6	14.5	13.8	14	50		
52											12.6	12.8	52		
54											11.7	11.8	54		
56												10.6	56		
58												9.6	58		
Reeving	10	10	10	10	10	10	10	10	8	6	6	6	Reeving		
Wind speed	11. 1m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	1	1	3	2	1	3	3	1	3	2	3	4	I	Telescoping mode
	II	2	1	2	2	3	3	2	3	3	3	3	4	II	
	III	2	3	2	2	2	2	2	3	3	3	3	4	III	
	IV	3	3	2	3	3	2	3	3	2	3	3	4	IV	

Table 1-4-1 5-section main boom

Unit: t

16.1m - 62.5m 9.4×9.4 360° 104t 7m															
R/L	16.1	21.4			26.7				32			37.3	R/L		
3													3		
3.5	250	250	230	170									3.5		
4	240	240	228	160	200	190	170	115					4		
4.5	230	230	228	150	195	190	168	112	190	170	118		4.5		
5	195	195	195	145	192	190	164	110	185	165	115	168	5		
6	180	181	182	140	180	181	160	100	178	160	110	165	6		
7	170	171	172	135	170	172	150	95	171	155	102	158	7		
8	155	156	157	130	155	157	140	90	156	150	96	150	8		
9	140	141	142	125	140	141	130	84	141	142	90	142	9		
10	124	125	126	120	125	126	122	78	126	127	85	127	10		
12	102	103	104	106	103	105	107	70	104	106	75	105	12		
14		87	88	89	86	89	90	63	87	89	67	88	14		
16		74	75	76	73	76	77	57	74	76	60	76	16		
18		62	64	65.5	61.5	64	67	53	63	65	55	65.4	18		
20					51.3	54.4	56.5	49	54	56	51	55.2	20		
22					43.5	46.5	48.5	44	45.4	48	47	47.3	22		
24					37	40	42	42	39	42	44	41	24		
26									33.8	37	39	35.8	26		
28									29.7	32	34	31.6	28		
30												28	30		
32												25	32		
34												22	34		
Reeving	22	22	20	18	18	18	16	10	18	16	10	16	Reeving		
Wind speed	14.1m/s												Wind speed		
Hook	220t/160t												Hook		
Telescoping mode	I	1	1	1	1	2	1	1	1	2	1	1	2	I	Telescoping mode
	II	1	2	1	1	2	2	1	1	2	2	1	2	II	
	III	1	1	2	1	1	2	2	1	2	2	2	2	III	
	IV	1	1	1	2	1	1	2	3	1	2	3	2	IV	

Table 1-4-2 5-section main boom

Unit: t

16.1m - 62.5m 9.4×9.4 360° 104t 7m															
R/L	37.3		42.6			47.9			53.2		58.5	62.5	R/L		
5	125	102											5		
6	120	100	125	120	108								6		
7	116	92	120	115	105	108	105	94					7		
8	110	85	115	110	102	105	102	92	74	70			8		
9	102	80	110	105	95	102	100	87	72	70	60		9		
10	95	74	105	100	88	98	96	82	70	68	60	50	10		
12	86	65	96	95	78	91	90	72	68	65	59	50	12		
14	78	58	87	86	69.5	81	82	64	66	62	58	49	14		
16	70	52	75	77	62.5	74	75	58	64	59	56	48	16		
18	64	48	64.4	67	57	64.7	66	53	62	55	54	47	18		
20	58	44	54.1	57	52.2	54.5	55.8	48	55.4	50	52	46	20		
22	50.2	40	46.4	49	48	46.6	47.8	44	47.5	46	48.6	44	22		
24	43.9	37	40	43	43.6	40.3	41.4	41	41.1	43	42.3	42	24		
26	38.7	35	34.9	37.3	38.4	35	36.3	38	36	37.8	37	37.3	26		
28	34.3	33	30.6	33	34.1	30.9	32	34.6	31.6	33.5	32.8	33	28		
30	30.6	31	27	29.4	30.5	27.3	28.5	30.9	28.1	30	29.1	29.3	30		
32	27.6	28.3	24.1	26.3	27.4	24.3	25.4	27.9	25.1	26.9	26.1	26.2	32		
34	25	25.6	21.5	23.7	24.8	21.6	22.8	25.2	22.4	24.3	23.4	23.6	34		
36			19.1	21.4	22.4	19.4	20.5	22.9	20.1	21.9	21.1	21.3	36		
38			17	19.3	20.3	17.3	18.5	20.8	18	19.8	19.1	19.2	38		
40						15.6	16.7	19	16.3	18	17.3	17.4	40		
42						14	15	17.3	14.7	16.4	15.7	15.8	42		
44						12.5	13.5	15.8	13.3	15	14.3	14.4	44		
46									11.9	13.5	12.9	13.1	46		
48									10.8	12.5	11.7	11.9	48		
50									9.6	11.4	10.7	10.8	50		
52											9.7	9.9	52		
54											8.7	8.8	54		
56												7.9	56		
58												7	58		
Reeving	10	10	10	10	10	10	10	10	8	6	6	6	Reeving		
Wind speed	11.1m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	1	1	3	2	1	3	3	1	3	2	3	4	I	Telescoping mode
	II	2	1	2	2	3	3	2	3	3	3	3	4	II	
	III	2	3	2	2	2	2	2	3	3	3	3	4	III	
	IV	3	3	2	3	3	2	3	3	2	3	3	4	IV	

Table 1-5-1 5-section main boom

Unit: t

		16.1m - 62.5m						9.4×9.4				360°				84t				7m	
R/L	16.1	21.4			26.7				32			37.3	R/L								
3													3								
3.5	250	250	200	170									3.5								
4	240	240	199	160	200	190	170	115					4								
4.5	230	230	198	150	195	190	168	112	190	170	118		4.5								
5	190	190	190	145	191	190	164	110	185	165	115	168	5								
6	175	175	175	140	175	175	160	100	175	160	110	165	6								
7	165	166	167	135	165	166	150	95	166	155	102	158	7								
8	150	151	152	130	150	151	140	90	151	150	96	150	8								
9	130	131	132	125	131	132	130	84	132	133	90	132	9								
10	116	117	118	120	116	117	120	78	117	119	85	118	10								
12	95	96	97	98	94	96	99	70	96	98	75	97	12								
14		80	81	82	79	81	83	63	80	82	67	81	14								
16		64	66	67.5	63	66.4	68.8	57	65	68.5	60	67.2	16								
18		52	54	55	41.1	54.3	56.7	53	53	56.6	55	55	18								
20					42.1	45.2	47.6	48.6	44	47.4	49.4	46	20								
22					35	38.2	40.5	41.4	37	40.4	42.3	39	22								
24					29.5	32.6	34.8	35.5	31.5	35	36.7	33.5	24								
26									27	30.4	32.2	29	26								
28									22	26.6	28.4	25.4	28								
30												22.4	30								
32												19.7	32								
34												17.2	34								
Reeving	22	22	20	18	18	18	16	10	18	16	10	16	Reeving								
Wind speed	14.1m/s												Wind speed								
Hook	220t/160t												Hook								
Telescoping mode	I	1	1	1	1	2	1	1	1	2	1	1	2	I	Telescoping mode						
	II	1	2	1	1	2	2	1	1	2	2	1	2	II							
	III	1	1	2	1	1	2	2	1	2	2	2	2	III							
	IV	1	1	1	2	1	1	2	3	1	2	3	2	IV							

Table 1-5-2 5-section main boom

Unit: t

 16.1m - 62.5m  9.4×9.4  360°  84t  7m															
R/L	37.3		42.6			47.9			53.2		58.5	62.5	R/L		
5	122	102											5		
6	120	100	125	120	108								6		
7	116	92	120	115	105	108	105	94					7		
8	110	85	115	110	102	105	102	92	74	70			8		
9	102	80	110	105	95	102	100	87	72	70	60		9		
10	95	74	105	100	88	98	96	82	70	68	60	50	10		
12	86	65	96	95	78	91	90	72	68	65	59	50	12		
14	78	58	80	82	69.5	80	81	64	66	62	58	49	14		
16	70	52	66	68.8	62.5	66.4	67.8	58	64	59	62	48	16		
18	58.2	48	54	56.7	57	54.3	55.6	53	55.2	55	56.6	47	18		
20	49	44	45	47.6	48.7	45.2	46.5	48	46	48.2	47.4	46	20		
22	41.9	40	38	40.5	41.7	38.2	39.5	42.2	39	41.1	40.3	40.5	22		
24	36.3	37	32.5	35	36	32.7	34	36.6	33.6	35.6	34.7	35	24		
26	31.8	32.7	29	30.6	31.6	28.4	29.6	32.1	29	31.1	30.3	30.5	26		
28	28.1	29	24.5	26.9	28	24.7	25.8	28.4	25.4	27.3	26.5	26.7	28		
30	25	25.8	21.5	23.7	24.7	21.6	22.8	25.2	22.4	24.3	23.4	23.6	30		
32	22.3	23	18.8	21.1	22.1	19	20	22.5	19.8	21.6	20.7	20.9	32		
34	20	20.5	16.5	18.9	19.8	16.8	17.9	20.3	17.5	19.3	18.5	18.7	34		
36			14.5	16.8	17.9	14.8	15.9	18.3	15.5	17.3	16.5	16.7	36		
38			12.8	15	16	13	14.2	16.5	13.7	15.5	14.8	14.9	38		
40						11.6	12.6	14.9	12.2	14	13.2	13.4	40		
42						10	11.1	13.5	10.8	12.6	11.8	12	42		
44						8.8	10	12.2	9.6	11.4	10.6	10.8	44		
46									8.4	10	9.5	9.6	46		
48									7.3	9	8.3	8.5	48		
50									6	8	7.4	7.5	50		
52											6.5	6.6	52		
54											5.6	5.8	54		
56												5	56		
58												4	58		
Reeving	10	10	10	10	10	10	10	10	8	6	6	6	Reeving		
Wind speed	11.1m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	1	1	3	2	1	3	3	1	3	2	3	4	I	Telescoping mode
	II	2	1	2	2	3	3	2	3	3	3	3	4	II	
	III	2	3	2	2	2	2	2	3	3	3	3	4	III	
	IV	3	3	2	3	3	2	3	3	2	3	3	4	IV	

Lifting capacity tables / Lifting height charts

5-section main boom + superlift: 37.3m-62.5m

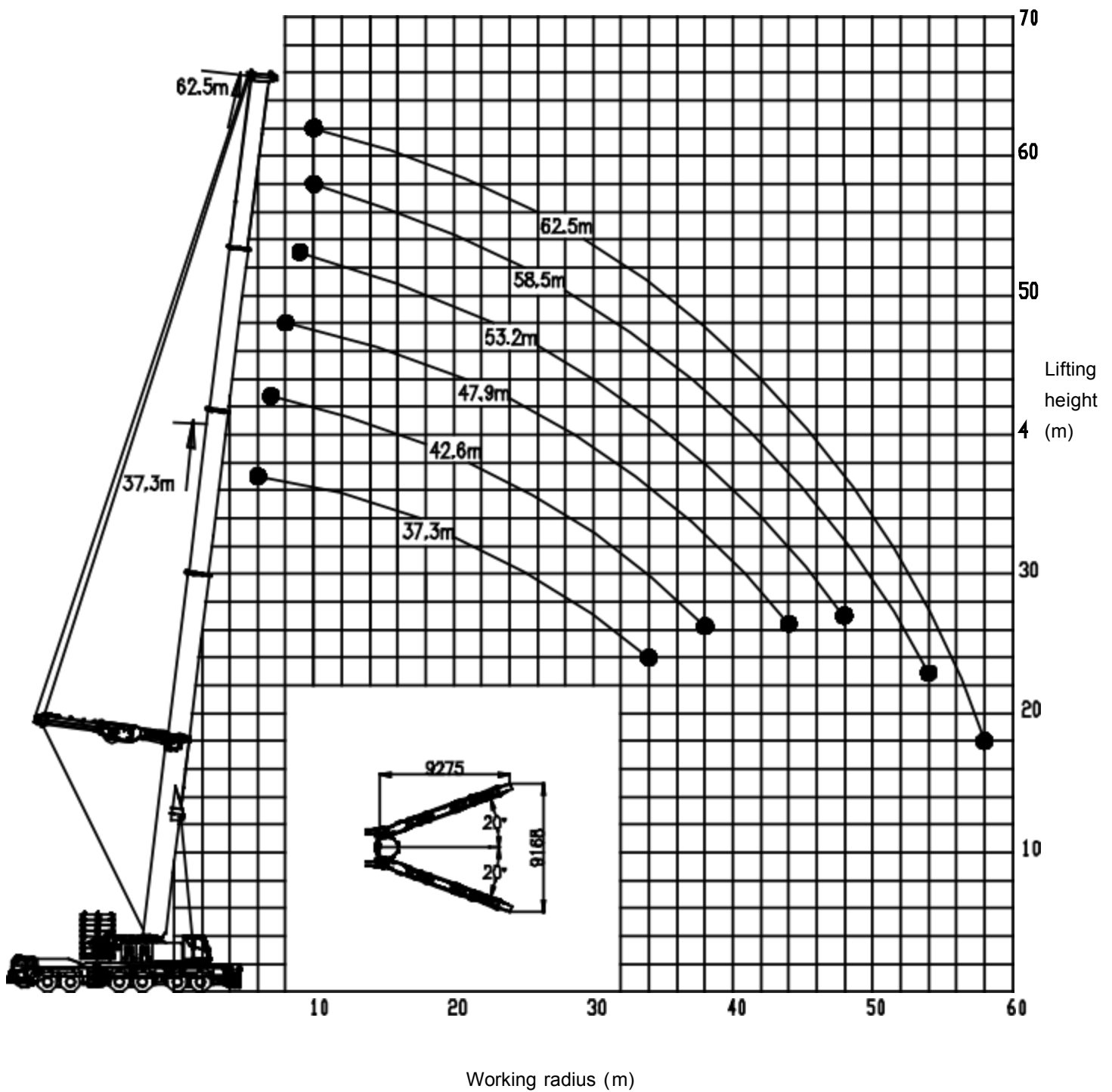


Table 2-1 5-section main boom + superlift

Unit: t

 16.1m - 62.5m   9.4×9.4  360°  164t  7m																
R/L	37.3			42.6			47.9			53.2		58.5	62.5	R/L		
6	178	145	135											6		
7	172	140	130	145	136	128								7		
8	160	135	126	140	132	125	135	132	115					8		
9	149	130	124	138	130	122	130	128	113	118	112			9		
10	140	125	122	130	128	120	125	124	110	115	110	96	84	10		
12	124	120	110	118	116	112	114	112	106	110	106	90	82	12		
14	108	110	100	108	109	105	102	104	96	100	98	87	80	14		
16	95	97	90	96	97	94	94	95	88	91	88	85	78	16		
18	82.5	85	82	83	85	85	84	85	80	84	80	80	76	18		
20	72.5	74.6	75.5	73	75	76	74	75	73	75	73.4	74	72	20		
22	64.5	66.5	68	65	67	68	65.5	67	67.3	66	67.6	67	67	22		
24	57.5	59.6	61	58	60	61	58.5	59.5	61	59.5	60.6	60	60.5	24		
26	51.5	54	55	52	54	55	52.5	53.5	56	53.5	54.8	54	55	26		
28	46.5	49	49.5	46.5	48.5	49.5	47	48.5	50.5	48.5	49.7	49	50	28		
30	41.5	44	45	42.5	44	45.5	43	44	46	44	45.6	44.7	45.5	30		
32	36	38	39	38	40	41.5	39	40	42	40	41.6	40.5	40	32		
34	26	28	29	32	36	37	35.5	36.5	38	36	38.2	37	37	34		
36				29	32	33	32.2	33	35	33	35.4	33.8	34	36		
38				24	25	26.5	29	30	32	30.5	32.6	30.9	31	38		
40							26	27	29	28	29.8	28.5	28.5	40		
42							23	24	25	25.6	27.4	26.5	26.5	42		
44							16	17.5	19.5	23.4	25.2	24.4	24.5	44		
46										21	23	22.8	23	46		
48										16.5	18	20.6	21	48		
50												19.2	19.5	50		
52												17	18.2	52		
54												12.5	16.8	54		
56													15.5	56		
58													12.5	58		
Reeving	16	12	12	12	12	12	12	12	10	10	10	8	8	Reeving		
Wind speed	11.1m/s													Wind speed		
Hook	220t/160t/80t													Hook		
Telescoping mode	I	2	1	1	3	2	1	3	3	1	3	2	3	4	I	Telescoping mode
	II	2	2	1	2	2	3	3	2	3	3	3	3	4	II	
	III	2	2	3	2	2	2	2	2	3	3	3	3	4	III	
	IV	2	3	3	2	3	3	2	3	3	2	3	3	4	IV	

Table 2-2 5-section main boom + superlift

Unit: t

16.1m - 62.5m  9.4×9.4  144t 7m																
R/L	37.3			42.6			47.9			53.2		58.5	62.5	R/L		
6	178	145	135											6		
7	172	140	130	145	136	128								7		
8	160	135	126	140	132	125	135	132	115					8		
9	149	130	124	138	130	122	130	128	113	118	112			9		
10	140	125	122	130	128	120	125	124	110	115	110	96	84	10		
12	124	120	110	118	116	112	114	112	106	110	106	90	82	12		
14	108	110	100	107	109	105	102	104	96	100	98	87	80	14		
16	92	94.5	90	91.5	94	94	92.2	93	88	91	88	85	78	16		
18	79.5	82	82	79	81.5	82.5	80	81	80	81	80	80	76	18		
20	69.5	72	72.6	69.4	71.6	72.5	70	71	72.6	71	72.5	72	72	20		
22	61.4	64	64.5	61.2	63.4	64.4	62	63	65	62.8	64.5	63.8	63.9	22		
24	54.6	57	57.8	54.1	56.6	57.6	54.4	55.6	58.1	55.1	57	56.2	56.3	24		
26	48.5	51.2	52	48.1	50.3	51.3	48.1	49.3	51.7	48.8	50.6	49.8	50	26		
28	43.3	45.6	46.8	42.7	45	46	42.8	44.1	46.5	43.6	45.4	44.6	44.7	28		
30	38.4	41	41.8	38.4	40.6	41.6	38.6	39.6	42.1	39.2	41	40.2	40.3	30		
32	34.1	36.7	37.4	34.2	36.5	37.5	34.8	36	38.2	35.4	37.2	36.4	36.5	32		
34	26	28	29	30.6	32.8	33.8	31.5	32.5	35	32.2	34	33.2	33.3	34		
36				27.3	29.6	30.6	28.6	29.4	31.7	29.3	31.1	30.3	30.4	36		
38				24	25	26.5	25.5	26.6	28.9	26.7	28.5	27.8	27.9	38		
40							23	24	26.3	24.3	26	25.5	25.6	40		
42							20.7	21.7	24	22	23.7	23.4	23.6	42		
44							16	17.5	19.5	19.8	21.6	21.4	21.7	44		
46										18.1	19.8	19.6	19.8	46		
48										16.5	18	17.8	18.2	48		
50												16.3	16.8	50		
52												14.8	15.3	52		
54												12.5	14	54		
56													12.8	56		
58													11.2	58		
Reeving	16	12	12	12	12	12	12	12	10	10	10	8	8	Reeving		
Wind speed	11.1m/s													Wind speed		
Hook	220t/160t/80t													Hook		
Telescoping mode	I	2	1	1	3	2	1	3	3	1	3	2	3	4	I	Telescoping mode
	II	2	2	1	2	2	3	3	2	3	3	3	3	4	II	
	III	2	2	3	2	2	2	2	2	3	3	3	3	4	III	
	IV	2	3	3	2	3	3	2	3	3	2	3	3	4	IV	

Table 2-3 5-section main boom + superlift

Unit: t

 16.1m - 62.5m   9.4×9.4  360°  124t  7m																
R/L	37.3			42.6			47.9			53.2		58.5	62.5	R/L		
6	178	145	135											6		
7	172	140	130	145	136	128								7		
8	160	135	126	140	132	125	135	132	115					8		
9	149	130	124	138	130	122	130	128	113	118	112			9		
10	140	125	122	130	128	120	125	124	110	115	110	96	84	10		
12	111	112	110	110	112	112	110	112	106	110	106	90	82	12		
14	94	95	96	94	95	96	94	95	95	93	95	87	80	14		
16	80	83	84	81	82	83	80	81	81	80	82	82	78	16		
18	69	72	73	70	71	72	69	70	70	70	72	71	71.5	18		
20	60.6	63	64	61	62	63.6	61	62	62	62	63.5	62.8	63.2	20		
22	53.5	55.7	57	54	55.5	56.8	54	55	55	55	56.5	56	56.4	22		
24	47.6	49.5	51	47.5	49.5	51	47.7	48.8	48.8	48.4	50	49.2	49.5	24		
26	42.8	44.6	46	41.9	44.1	45.2	42	43.2	43.2	42.7	44	43.8	43.9	26		
28	37.5	40.1	41	37.2	39.5	40.5	37.3	38.5	38.5	38	39.8	39	39.1	28		
30	33	35.6	36.4	33	35.3	36.3	33.3	34.5	34.5	34.1	35.8	35.1	35.3	30		
32	29	32.5	32.4	29.2	31.5	32.5	30	31.1	31.1	30.6	32.4	31.6	31.7	32		
34	25.5	27	28	25.9	28.1	29	26.8	27.9	27.9	27.7	29.5	28.7	28.8	34		
36				23	25.2	26.1	23.9	25	25	25.2	26.8	26	26.1	36		
38				20.3	22.5	23.5	21.4	22.5	22.5	22.6	24.3	23.8	23.9	38		
40							19.1	20.2	20.2	20.3	22	21.7	21.9	40		
42							17	18	18	18.3	20	19.7	20	42		
44							15	16.2	16.2	16.7	18.2	17.8	18.2	44		
46										14.8	16.5	16.2	16.6	46		
48										13.2	14.6	14.7	15.1	48		
50												13.4	13.7	50		
52												12	12.5	52		
54												10.6	11.3	54		
56													10	56		
58													9	58		
Reeving	16	12	12	12	12	12	12	12	10	10	10	8	8	Reeving		
Wind speed	11. 1m/s													Wind speed		
Hook	220t/160t/80t													Hook		
Telescoping mode	I	2	1	1	3	2	1	3	3	1	3	2	3	4	I	Telescoping mode
	II	2	2	1	2	2	3	3	2	3	3	3	3	4	II	
	III	2	2	3	2	2	2	2	2	3	3	3	3	4	III	
	IV	2	3	3	2	3	3	2	3	3	2	3	3	4	IV	

Table 2-4 5-section main boom + superlift

Unit: t

 16.1m - 62.5m   9.4×9.4  360°  104t  7m																
R/L	37.3			42.6			47.9			53.2		58.5	62.5	R/L		
6	178	145	135											6		
7	172	140	130	145	136	128								7		
8	160	135	126	140	132	125	135	132	115					8		
9	142	130	124	138	130	122	130	128	113	118	112			9		
10	124	125	122	124	125	120	125	124	110	115	110	96	84	10		
12	102	104	105	103	104	105	102	103	104	100	102	90	82	12		
14	86	87	88	86	87	88	86	87	88	86	88	85	80	14		
16	72	73	74	72	73	74	72	73	74	73	74	73	74	16		
18	62	63	64	62	63	64	62	63	64	63	64	64	65	18		
20	55	56	57	54.6	56	57	54	56	57	55.5	57	56	56.8	20		
22	47.9	50.5	51	46.9	49.4	50.4	47.1	48.3	50	47.8	49.7	48.9	49	22		
24	41.8	44.5	45.3	40.8	43.2	44.2	40.9	42.1	44.6	41.6	43.5	42.7	42.8	24		
26	36.3	39.1	39.9	35.8	38.1	39.1	36	37	39.6	36.6	38.5	37.6	37.8	26		
28	31.6	34.2	35.1	31.6	33.9	35	31.7	32.9	35.3	31.4	34.2	33.4	33.5	28		
30	27.6	30.2	31	27.6	29.8	30.9	28.3	29.3	31.7	28.9	30.7	29.6	29.8	30		
32	24.1	26.7	27.4	22.3	26.5	27.5	25.1	26.2	28.6	25.9	27.7	26.8	27	32		
34	20.9	23.4	24	21.3	23.4	24.4	22.2	23.3	25.6	23.3	25.1	24.2	24.3	34		
36				18.6	20.8	21.8	19.6	20.7	23	20.7	22.5	21.9	22	36		
38				16	18.4	19.4	17.2	18.3	20.7	18.5	20.2	19.7	19.8	38		
40							15.3	16.3	18.6	16.6	18.2	17.8	18.1	40		
42							13.4	14.4	16.7	14.6	16.3	16	16.3	42		
44							11.5	12.5	14.8	13	14.7	14.4	14.7	44		
46										11.5	13.3	12.9	13.3	46		
48										10	11.7	11.5	11.9	48		
50												10.3	10.8	50		
52												9	9.6	52		
54												7.5	8.4	54		
56													7.5	56		
58													6	58		
Reeving	16	12	12	12	12	12	12	12	10	10	10	8	8	Reeving		
Wind speed	11.1m/s													Wind speed		
Hook	220t/160t/80t													Hook		
Telescoping mode	I	2	1	1	3	2	1	3	3	1	3	2	3	4	I	Telescoping mode
	II	2	2	1	2	2	3	3	2	3	3	3	3	4	II	
	III	2	2	3	2	2	2	2	2	3	3	3	3	4	III	
	IV	2	3	3	2	3	3	2	3	3	2	3	3	4	IV	

Table 2-5 5-section main boom + superlift

Unit: t

16.1m - 62.5m  9.4×9.4  84t 7m																
R/L	37.3			42.6			47.9			53.2		58.5	62.5	R/L		
6	170	145	135											6		
7	160	140	130	145	136	128								7		
8	150	135	126	140	132	125	135	132	115					8		
9	132	130	124	132	130	122	130	128	113	118	112			9		
10	119	120	121	120	121	120	119	120	110	115	110	96	84	10		
12	97	98	99	96	97	99	97	98	99	97	99	90	82	12		
14	81	82	83	80	82	83	80	81	83	81	83	82	80	14		
16	67.7	70	71	66.6	69.3	70.6	66.8	68.2	71	67.7	70	69	69.2	16		
18	56	59	60	55	57.5	58.5	55.1	56.4	59.2	56	58	57	57.3	18		
20	47.3	50	51	46.2	49	49.8	46.4	47.6	50.3	47.1	49	48.2	48.4	20		
22	40.5	43.2	44.1	39.5	41.8	43	39.6	40.8	43.4	40.3	42.3	41.4	41.5	22		
24	34.8	37.6	38.4	34.1	36.4	37.5	34.2	35.4	38	34.9	36.9	36	36	24		
26	29.8	32.4	33.2	29.7	32	33.1	29.8	31	33.4	30.5	32.4	31.5	31.6	26		
28	25.6	28.2	29	25.5	27.8	29	26.1	27.3	29.8	26.9	28.7	27.8	27.9	28		
30	22	24.6	25.4	22.1	24.3	25.3	22.9	24	26.6	23.7	25.6	24.7	24.8	30		
32	19	21.4	22.3	19	21.3	22.3	20	21	23.5	21.1	22.9	22	22.1	32		
34	16	18.6	19.4	16.4	18.7	19.6	17.3	18.4	20.9	18.5	20.5	19.8	19.8	34		
36				14.1	16.4	17.4	15	16.1	18.6	16.2	18	17.6	17.8	36		
38				11.9	14.2	15.3	12.2	14.1	16.4	14.2	16	15.6	16.1	38		
40							11.2	12.3	14.5	12.4	14.2	13.8	14.3	40		
42							9.5	10.6	12.8	10.8	12.5	12.1	12.7	42		
44							7.8	9	11.3	9.3	11	10.7	11.3	44		
46										8	9.7	9.4	9.9	46		
48										6.6	8.5	8.2	8.7	48		
50												7	7.6	50		
52												6	6.5	52		
54												5	5.4	54		
56													4.5	56		
58													3.5	58		
Reeving	16	12	12	12	12	12	12	12	10	10	10	8	8	Reeving		
Wind speed	11.1m/s													Wind speed		
Hook	220t/160t/80t													Hook		
Telescoping mode	I	2	1	1	3	2	1	3	3	1	3	2	3	4	I	Telescoping mode
	II	2	2	1	2	2	3	3	2	3	3	3	3	4	II	
	III	2	2	3	2	2	2	2	2	3	3	3	3	4	III	
	IV	2	3	3	2	3	3	2	3	3	2	3	3	4	IV	

Lifting capacity tables / Lifting height charts

7-section main boom OM: 16.1m-85m

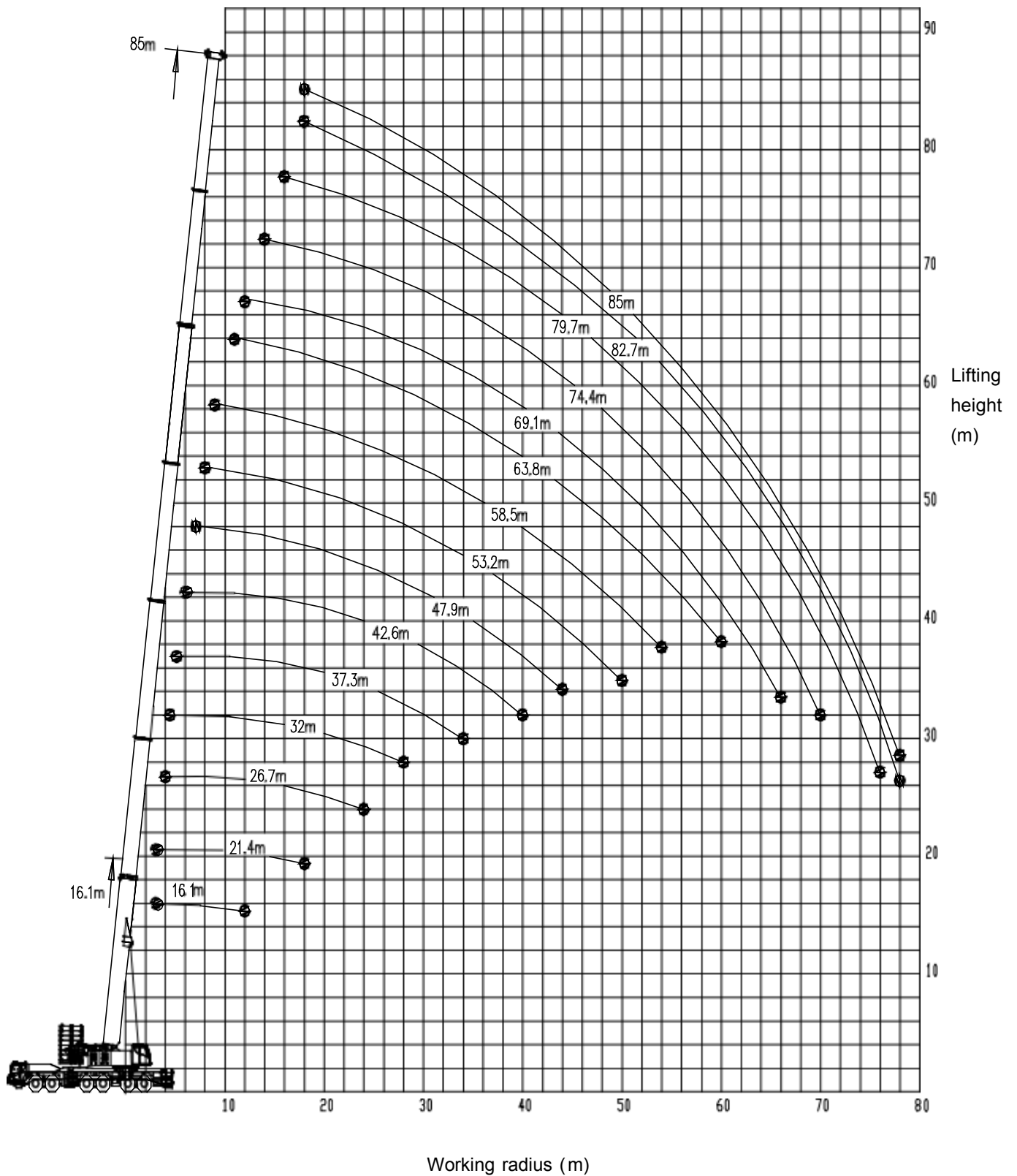


Table 3-1-1 7-section main boom

Unit: t

16.1m - 85m 9.4×9.4 360° 164t 7m														
R/L	16.1	21.4					26.7					32	R/L	
3	550*												3	
3.5	230	230	230	180	170	130							3.5	
4	228	228	228	175	165	125	200	192	168	130	75		4	
4.5	228	228	228	170	160	120	196	186	167	125	72	188	4.5	
5	225	225	225	165	155	115	192	180	162	120	68	185	5	
6	205	205	205	160	150	110	190	166	155	116	62	178	6	
7	190	190	182	155	145	105	182	152	146	112	58	172	7	
8	175	171	168	150	130	98	165	142	136	106	54	162	8	
9	164	164	162	145	125	94	158	132	127	100	50	152	9	
10	150	150	150	135	120	90	150	125	118	92	46	144	10	
12	126	128	130	125	110	82	130	113	104	82	41	128	12	
14		107	108	110	100	77.5	108	102	92	72	37	106	14	
16		91	92	93	90	71	92	92	83	65	34	90	16	
18		72	73	74	75	65	80	81	75	60	32	78	18	
20							70	71	70	55	29	68	20	
22							60	62	64	52	27	60	22	
24							42	44	46	45	25	52	24	
26												46	26	
28												38	28	
Reeving	22	22	22	16	16	12	18	18	16	12	7	16	Reeving	
Wind speed	14.1m/s												Wind speed	
Hook	220t/160t/80t												Hook	
Telescoping mode	I	1	1	1	1	1	1	1	1	1	1	2	I	Telescoping mode
	II	1	2	1	1	1	1	2	1	1	1	2	II	
	III	1	1	2	1	1	1	2	2	1	1	2	III	
	IV	1	1	1	2	1	1	1	2	2	1	1	IV	
	V	1	1	1	1	2	1	1	1	2	2	1	V	
	VI	1	1	1	1	1	2	1	1	1	2	3	1	

Note:

The OM marked with the asterisk (*) is a nominal OM.

Table 3-1-2 7-section main boom

Unit: t

16.1m - 85m 9.4×9.4 360° 164t 7m															
R/L	32				37.3				42.6				R/L		
4.5	180	165	145	76									4.5		
5	172	160	140	75	168	165	135	64					5		
6	164	150	136	70	165	163	130	62	132	128	75	64	6		
7	156	140	126	65	160	155	126	58	130	125	72	62	7		
8	145	130	117	60	155	148	118	53	125	120	70	57	8		
9	136	118	108	56	145	140	110	50	120	115	66	54	9		
10	130	110	100	53	136	125	104	46	116	110	62	50	10		
12	120	100	88	49	122	112	92	40	108	102	56	45	12		
14	108	89	78	45	105	100	83	36	100	93	52	40	14		
16	93	80	70	40	91	90	74	32	90	84	48	36	16		
18	81	72	63	37	80	81	68	29	80	76	44	33	18		
20	71	66	58	34	70	73	62	27	70	69	41	30	20		
22	63	60	53	31	61	64	57	25	62	64	38	27	22		
24	56	57	48	29	54	57	53	23	56	59	36	25.2	24		
26	49	50	45	27	48	51	48	21	50	53	34	23.4	26		
28	40	43	42	25	43	46	44	19	45	48	32	22	28		
30					38	41	40	18	40	43	30.4	20.6	30		
32					34	37	37	17	36	39	29	19.4	32		
34					26	29	31	16	33	36	28	18.3	34		
36									30	32	27	17.4	36		
38									26	29	26	16.5	38		
40									16	18	20	15.6	40		
Reeving	16	16	12	7	16	16	12	6	12	10	7	6	Reeving		
Wind speed	14.1m/s												Wind speed		
Hook	220t/160t/80t												Hook		
Telescoping mode	I	1	1	1	1	2	1	1	1	2	1	1	1	I	Telescoping mode
	II	2	1	1	1	2	2	1	1	2	2	1	1	II	
	III	2	2	1	1	2	2	2	1	2	2	2	1	III	
	IV	2	2	2	1	2	2	2	1	2	2	2	2	IV	
	V	1	2	2	2	1	2	2	3	2	2	2	3	V	
	VI	1	1	2	3	1	1	2	3	1	2	3	3	VI	

Table 3-1-3 7-section main boom

Unit: t

16.1m - 85m 9.4×9.4 360° 164t 7m															
R/L	47.9				53.2				58.5				R/L		
7	110	92	75	58									7		
8	108	90	72	55	76	74	70	52					8		
9	104	86	70	51	74	72	67	50	64	62	60	48	9		
10	100	81	66	47.5	72	68	64	48	62	61	57	45	10		
12	95	72	61	42.5	70	64	60	44	60	59	54	42	12		
14	90	64	56	38	68	59	56	40	58	56	51	40	14		
16	82	57	51	34	63	55	52	36	55	53	48	37	16		
18	74	52	47.5	31	58	51.5	48	33	52	50	44	34	18		
20	66	47	44	28	54	48	44	30	49	47	40	31	20		
22	60	43	41.5	25.5	50	45	40	28	46	44	37	28	22		
24	56	40	39	23.2	46	43	37	26	42	41	34	25	24		
26	51	37	37	21.5	43	41	34	24	39	38.5	31.5	23	26		
28	46	34	35	20	40	39	31	22.5	36	36.5	29	21	28		
30	42	31.7	33.5	18.6	37.5	37.1	29	21	34	34.5	27	20	30		
32	38	29.6	32	17.4	35	35.5	27	19.6	32	33	25	19	32		
34	35	27.9	30.5	16.3	33	34	25	18.4	30	31	23	18	34		
36	32	26.1	29	15.2	31	32.5	23	17.2	28	29	21	17	36		
38	29	24.6	27.5	14.2	28	30.5	21	16.2	26.5	27.5	20	16	38		
40	26	23.2	26	13.4	25	28.2	20	15.3	25	26	19	15	40		
42	23	22	24	12.5	23	26	19	14.2	23.5	24	18	14	42		
44	19.5	20.5	21.5	11.5	21	24	18	13.5	21	22	17	13	44		
46					19	22	17	12.5	19	20	16	12.2	46		
48					17	20	16	11.6	17	18	15	11.5	48		
50					11.5	13.5	14.5	11	16	17	14	10.8	50		
52									15	16	13	10	52		
54									12	13.5	12	9.6	54		
Reeving	10	8	7	6	7	6	6	6	6	6	6	4	Reeving		
Wind speed	14. 1m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	2	1	1	1	3	2	1	1	3	3	1	1	I	Telescoping mode
	II	2	3	2	1	2	2	3	1	3	2	3	1	II	
	III	2	2	2	1	2	2	2	2	2	2	3	3	III	
	IV	2	2	2	3	2	2	2	3	2	2	2	3	IV	
	V	2	2	2	3	2	2	2	3	2	2	2	3	V	
	VI	2	2	3	3	2	3	3	3	3	2	3	3	3	

Table 3-1-4 7-section main boom

Unit: t

		 16 . 1m - 85m				 9.4×9.4		 360°		 164t		 7m			
R/L		63.8				69.1			74.4		79.7	82.7	85	R/L	
10		50	49	46	40									10	
12		49	48	45	39	42	40	38						12	
14		48	47	44	37	41	39	37	35	33				14	
16		46	45	43	35	40	38	36	34	32	30	25	23	16	
18		44	43	41	33	38	37	35	33	31	29	25	24	18	
20		42	42	39	31	36	35	34	32	30	28	25	24	20	
22		40	41	36	29	34	33	32	31	29	26.8	24	23	22	
24		38	39	33	27	32	31	30	30	28	25.7	23	22	24	
26		36	37	31	25	31	30	28	29	27	23.6	22	21	26	
28		34	35	28.5	23	30	29	26	27	26	22	21	20	28	
30		32	33	26	21	28.5	28	24	25	24	21	20	19.2	30	
32		30	31	24.5	20	27	27	22.5	23	22	20.3	19.4	18.7	32	
34		28	29	23	19	25.5	25.8	21	21.2	20.5	19.7	18.8	17.7	34	
36		26	27	21.5	18	24	24.6	19.5	20	19.2	19	18.2	16.7	36	
38		24	26	20	16.8	22.5	23.4	18.2	19.2	18.3	18.2	17.1	15.7	38	
40		22	23	18.8	15.8	21	22.2	17	18.3	17.4	17.1	16.2	14.9	40	
42		20	21.5	17.6	15	20	21	16	17.4	16.5	16	15.2	13.9	42	
44		18	20	16.8	14.2	18.5	19.5	15.2	16.5	15.6	15.2	14.3	13.2	44	
46		16.5	18.5	16	13.4	17	18	14.4	15.5	14.7	14.3	13.2	12.4	46	
48		15.2	17	15.4	12.6	16	17	13.6	14.5	13.8	13.6	12.4	11.8	48	
50		14	15.5	14.6	12	15	16	12.8	13.5	13	13.1	11.8	11.2	50	
52		13	14.3	13.8	11.5	14	15	12	12.8	12.4	12.3	11	10.6	52	
54		12	13.2	13	10.6	13	14	11.2	12.2	11.8	11.4	10	9.6	54	
56		11	12.4	12	10	12	13	10.4	11.6	11.2	10.8	9.2	8.9	56	
58		10	11.5	11	9.5	11	12	9.6	11	10.6	10.3	8.6	8.2	58	
60		7.6	8.5	10	8.5	10	11	9	10.5	10	9.6	8	7.6	60	
62						9	10	8.6	9.8	9.4	9.2	7.5	7	62	
64						8.2	9	8	9	8.9	8.6	7	6.6	64	
66						4	5	6	8.8	9	8	6.5	6	66	
68									8	8.5	7.4	5.8	5.4	68	
70									5.5	6.5	6.2	5.5	5	70	
72											5.2	4.5	4.2	72	
74											4.5	4	3.8	74	
76											3.2	3.5	3.4	76	
78												3	3.2	78	
Reevina		4	4	4	4	4	4	4	4	4	4	4	4	Reevina	
Wind speed		1 1.4 m/s												Wind speed	
Hook		80t/40t												Hook	
Telescoping mode	I	3	3	1	1	3	3	1	3	2	3	4	4	I	Telescoping mode
	II	3	3	3	2	3	3	3	3	3	3	4	4	II	
	III	3	2	3	3	3	2	3	3	3	3	4	4	III	
	IV	2	2	2	3	3	2	3	3	3	3	3	4	IV	
	V	2	2	3	3	2	3	3	3	3	3	3	4	V	
	VI	2	3	3	3	2	3	3	2	3	3	3	4	VI	

Table 3-2-1 7-section main boom

Unit: t

 16.1m - 85m  9.4×9.4  360°  144t  7m														
R/L	16.1	21.4					26.7					32	R/L	
3													3	
3.5	230	230	230	180	170	130							3.5	
4	228	228	228	175	165	125	200	192	168	130	75		4	
4.5	228	228	228	170	160	120	196	186	167	125	72	188	4.5	
5	225	225	225	165	155	115	192	180	162	120	68	185	5	
6	205	205	205	160	150	110	190	166	155	116	62	178	6	
7	190	190	182	155	145	105	185	152	146	112	58	172	7	
8	172	171	168	150	130	98	168	142	136	106	54	162	8	
9	156	156	157	145	125	94	155	132	127	100	50	154	9	
10	144	143	144	135	120	90	144	125	118	92	46	144	10	
12	118	118	119	120	110	82	119	113	104	82	41	118	12	
14		97	98	100	100	77.5	98	100	92	72	37	98	14	
16		83	84	86	87	71	84	86	83	65	34	83	16	
18		72	73	74	75	65	73	75	75	60	32	72	18	
20							64	66	67	55	29	63	20	
22							56	58	60	52	27	55	22	
24							42	44	46	45	25	49	24	
26												43.5	26	
28												38	28	
Reeving	22	22	22	16	16	12	18	18	16	12	7	16	Reeving	
Wind speed	14.1m/s												Wind speed	
Hook	220t/160t/80t												Hook	
Telescoping mode	I	1	1	1	1	1	1	1	1	1	1	2	I	Telescoping mode
	II	1	2	1	1	1	1	2	1	1	1	2	II	
	III	1	1	2	1	1	1	2	2	1	1	2	III	
	IV	1	1	1	2	1	1	1	2	2	1	1	IV	
	V	1	1	1	1	2	1	1	1	2	2	1	V	
	VI	1	1	1	1	1	2	1	1	1	2	3	VI	

Table 3-2-2 7-section main boom

Unit: t

16.1m - 85m 9.4×9.4 360° 144t 7m															
R/L	32				37.3				42.6				R/L		
4.5	180	165	148	76									4.5		
5	172	160	145	75	168	165	136	64					5		
6	164	150	136	70	165	163	135	62	132	128	75	64	6		
7	156	140	126	65	160	155	126	58	130	125	72	62	7		
8	145	130	117	60	155	148	118	53	125	120	70	57	8		
9	136	118	108	56	150	140	110	50	120	115	66	54	9		
10	130	110	102	53	136	125	104	46	116	110	62	50	10		
12	119	100	90	49	119	112	92	40	108	102	56	45	12		
14	100	89	80	45	98	100	83	36	98	93	52	40	14		
16	85.5	80	72	40	84	86	74	32	85.5	84	48	36	16		
18	74.5	72	65	37	73	75.5	68	29	74	76	44	33	18		
20	65.5	66	60	34	64	67	62	27	65.5	68	41	30	20		
22	58	60	55	31	56.5	59.5	57	25	58	61	38	27	22		
24	51.5	54	51	29	50	53	53	23	51.5	54.5	36	25.2	24		
26	46.5	48.5	47	27	44.5	48	48	21	46.5	49.5	34	23.4	26		
28	40	42	43	25	40	43	44	19	41.5	44.5	32	22	28		
30					35.3	38.5	40	18	37.2	40.3	30.4	20.6	30		
32					31.5	34	37	17	33.3	36.4	29	19.4	32		
34					26	29	31	16	30	33	28	18.3	34		
36									27	30	27	17.4	36		
38									24.3	27.4	26	16.5	38		
40									16	18	20	15.6	40		
Reeving	16	16	12	7	16	16	12	6	12	10	7	6	Reeving		
Wind speed	14. 1m/s												Wind speed		
Hook	220t/160t/80t												Hook		
Telescoping mode	I	1	1	1	1	2	1	1	1	2	1	1	1	I	Telescoping mode
	II	2	1	1	1	2	2	1	1	2	2	1	1	II	
	III	2	2	1	1	2	2	2	1	2	2	2	1	III	
	IV	2	2	2	1	2	2	2	1	2	2	2	2	IV	
	V	1	2	2	2	1	2	2	3	2	2	2	3	V	
	VI	1	1	2	3	1	1	2	3	1	2	3	3	VI	

Table 3-2-3 7-section main boom

Unit: t

16.1m - 85m 9.4×9.4 360° 144t 7m															
R/L	47.9				53.2				58.5				R/L		
7	110	92	75	58									7		
8	108	90	72	55	76	75	70	52					8		
9	104	86	70	51	74	74	67	50	64	62	60	48	9		
10	100	81	66	47.5	72	70	64	48	62	61	57	45	10		
12	95	72	61	42.5	70	64	60	44	60	59	54	42	12		
14	90	64	56	38	68	59	56	40	58	56	51	40	14		
16	82	57	51	34	63	55	52	36	55	53	48	37	16		
18	74	52	47.5	31	58	51.5	48	33	52	50	44	34	18		
20	66	47	44	28	54	48	44	30	49	47	40	31	20		
22	59	43	41.5	25.5	50	45.5	40	28	46	44	37	28	22		
24	53	40	39	23.2	46	43	37	26	42	41	34	25	24		
26	48	37	37	21.5	43	41	34	24	39	38.5	31.5	23	26		
28	43.4	34	35	20	40	39	31	22.5	36	36.5	29	21	28		
30	38.8	31.7	33.5	18.6	37.5	37.1	29	21	34	34.5	27	20	30		
32	35	29.6	32	17.4	34	35.5	27	19.6	32	33	25	19	32		
34	31.6	27.9	30.5	16.3	30.6	33	25	18.4	30	31	23	18	34		
36	28.7	26.1	29	15.2	27.6	30	23	17.2	27	28	21	17	36		
38	26.2	24.6	27.5	14.2	25	27.4	21	16.2	24.4	26	20	16	38		
40	23.7	23.2	26	13.4	22.7	25.2	20	15.3	22.2	23.7	19	15	40		
42	21.6	22	24	12.5	20.7	23	19	14.2	20.2	21.6	18	14	42		
44	19.5	20.5	21.5	11.5	18.8	21.2	18	13.5	18.4	19.8	17	13	44		
46					17.1	19.5	17	12.5	16.8	18.2	16	12.2	46		
48					15.5	18	16	11.6	15.3	17	15	11.5	48		
50					11.5	13.5	14.5	11	13.9	15.3	14	10.8	50		
52									12.6	14	13	10	52		
54									11.5	12.9	12	9.6	54		
Reeving	10	8	7	6	7	6	6	6	6	6	6	4	Reeving		
Wind speed	14. 1m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	2	1	1	1	3	2	1	1	3	3	1	1	I	Telescoping mode
	II	2	3	2	1	2	2	3	1	3	2	3	1	II	
	III	2	2	2	1	2	2	2	2	2	2	3	3	III	
	IV	2	2	2	3	2	2	2	3	2	2	2	3	IV	
	V	2	2	2	3	2	2	2	3	2	2	2	3	V	
	VI	2	2	3	3	2	3	3	3	3	2	3	3	3	

Table 3-2-4 7-section main boom

Unit: t

		 16 . 1m - 85m				 9.4×9.4				 144t		 7m			
R/L	63.8				69.1			74.4		79.7	82.7	85	R/L		
10	50	49	46	40									10		
12	49	48	45	39	42	40	38						12		
14	48	47	44	37	41	39	37	35	33				14		
16	46	45	43	35	40	38	36	34	32	30	25	23	16		
18	44	43	41	33	38	37	35	33	31	29	25	24	18		
20	42	42	39	31	36	35	34	32	30	28	25	24	20		
22	40	41	36	29	34	33	32	31	29	26.8	24	23	22		
24	38	39	33	27	32	31	30	30	28	25.7	23	22	24		
26	36	37	31	25	31	30	28	29	27	23.6	22	21	26		
28	34	35	28.5	23	30	29	26	27	26	22	21	20	28		
30	32	33	26	21	28.5	28	24	25	24	21	20	19.2	30		
32	30	31	24.5	20	27	27	22.5	23	22	20.3	19.4	18.7	32		
34	28	29	23	19	25.5	25.8	21	21.2	20.5	19.7	18.8	17.7	34		
36	26	27	21.5	18	24	24.6	19.5	20	19.2	19	18.2	16.7	36		
38	24	26	20	16.8	22.5	23.4	18.2	19.2	18.3	18.2	17.1	15.7	38		
40	22	23	18.8	15.8	21	22.2	17	18.3	17.4	17.1	16.2	14.9	40		
42	20	21.5	17.6	15	20	21	16	17.4	16.5	16	15.2	13.9	42		
44	18	19.7	16.8	14.2	18.2	19.5	15	16.5	15.6	15.2	14.3	13	44		
46	16.5	18	16	13.4	16.7	18	14.4	15.5	14.7	14.3	13.2	12.2	46		
48	15.2	16.4	15.4	12.6	15	16	13.6	14.1	13.8	13.6	12.4	11.5	48		
50	14	15.1	14.6	12	13.6	14.5	12.8	12.9	13	13.1	11.3	10.8	50		
52	12.7	13.8	13.8	11.5	12	13	12	11.9	12.3	12.3	10.5	10.2	52		
54	11.7	12.6	13	10.6	11	12	11.2	10.9	11.7	11.2	9.8	9.6	54		
56	10.6	11.6	12	10	10.2	11	10.4	10	11.1	10.2	9	8.9	56		
58	9.5	10.6	11	9.5	9.6	10	9.6	9.6	10.5	9.2	8.4	8.2	58		
60	7	8	10	8.5	9.2	9.5	9	9.2	9.8	8.4	7.8	7.6	60		
62					8.6	9	8.6	8.8	9.4	7.8	7.2	7	62		
64					7.8	8	8	8	8.8	7.1	6.8	6.6	64		
66					4	5	6	7.2	8.2	6.5	6.2	6	66		
68								6.5	7.6	6	5.6	5.4	68		
70								5	6	5.4	5.2	5	70		
72										4.5	4.4	4.2	72		
74										4	3.9	3.8	74		
76										3.2	3.5	3.4	76		
78											3	3.2	78		
Reevina	4	4	4	4	4	4	4	4	4	4	4	4	Reevina		
Wind speed	11 .4 m/s												Wind speed		
Hook	80t/40t												Hook		
Telescoping mode	I	3	3	1	1	3	3	1	3	2	3	4	4	I	Telescoping mode
	II	3	3	3	2	3	3	3	3	3	3	4	4	II	
	III	3	2	3	3	3	2	3	3	3	3	4	4	III	
	IV	2	2	2	3	3	2	3	3	3	3	3	4	IV	
	V	2	2	3	3	2	3	3	3	3	3	3	4	V	
	VI	2	3	3	3	2	3	3	2	3	3	3	4	VI	

Table 3-3-1 7-section main boom

Unit: t

16.1m - 85m 9.4×9.4 360° 124t 7m														
R/L	16.1	21.4					26.7					32	R/L	
3													3	
3.5	230	230	200	180	170	130							3.5	
4	228	228	200	175	165	125	200	192	168	130	75		4	
4.5	228	228	200	170	160	120	196	186	167	125	72	188	4.5	
5	220	220	200	165	155	115	192	180	162	120	68	185	5	
6	202	202	192	160	150	110	190	166	155	116	62	178	6	
7	187	187	182	155	145	105	182	152	146	112	58	172	7	
8	168	168	168	150	130	98	166	142	136	106	54	162	8	
9	152	152	151	145	125	94	153	132	127	100	50	150	9	
10	135	135	136	135	120	90	136	125	118	92	46	134	10	
12	110	110	111	112	110	82	111	109	104	82	41	109	12	
14		92	93	94	93	77.5	93	94	92	72	37	92	14	
16		78	79	80	81	71	79	80	81	65	34	78	16	
18		67	68	69	70	65	68	70	71	60	32	67	18	
20							59	61	63	55	29	58	20	
22							52	54	56	52	27	52	22	
24							42	44	46	45	25	43	24	
26												38	26	
28												32	28	
Reeving	22	22	22	16	16	12	18	18	16	12	7	16	Reeving	
Wind speed	14.1m/s												Wind speed	
Hook	220t/160t/80t												Hook	
Telescoping mode	I	1	1	1	1	1	1	1	1	1	1	2	I	Telescoping mode
	II	1	2	1	1	1	1	2	1	1	1	2	II	
	III	1	1	2	1	1	1	2	2	1	1	2	III	
	IV	1	1	1	2	1	1	1	2	2	1	1	IV	
	V	1	1	1	1	2	1	1	1	2	2	1	V	
	VI	1	1	1	1	1	2	1	1	1	2	3	VI	

Table 3-3-2 7-section main boom

Unit: t

16.1m - 85m 9.4×9.4 360° 124t 7m															
R/L	32				37.3				42.6				R/L		
4.5	180	165	148	76									4.5		
5	172	160	145	75	168	165	136	64					5		
6	164	150	136	70	165	163	135	62	132	128	75	64	6		
7	156	140	126	65	160	155	126	58	130	125	72	62	7		
8	145	130	117	60	156	148	118	53	125	120	70	57	8		
9	136	118	108	56	148	140	110	50	120	115	66	54	9		
10	130	110	102	53	133	125	104	46	116	110	62	50	10		
12	110	100	90	49	108	110	92	40	108	102	56	45	12		
14	93	89	80	45	91	93	83	36	92	93	52	40	14		
16	80	80	72	40	77	80	74	32	78	81	48	36	16		
18	69.5	71	65	37	67	70	68	29	68	71	44	33	18		
20	60.5	62	60	34	59	61.5	62	27	60	63	41	30	20		
22	53	55	55	31	51.5	55	56	25	53.5	56	38	27	22		
24	47	48.5	50.5	29	44.5	47	50.5	23	46.5	50	36	25.2	24		
26	40	43.5	44.5	27	39	43	44.5	21	40.6	44	34	23.4	26		
28	35	37.5	40	25	34	37	40	19	35.8	39	32	22	28		
30					30	33	35.5	18	31.7	34.8	30.4	20.6	30		
32					26	29	32	17	28.5	31.4	29	19.4	32		
34					22	25	28	16	25.2	28.3	28	18.3	34		
36									22.5	25.6	27	17.4	36		
38									20.1	23.3	25.5	16.5	38		
40									16	18	20	15.6	40		
Reeving	16	16	12	7	16	16	12	6	12	10	7	6	Reeving		
Wind speed	14.1m/s												Wind speed		
Hook	220t/160t/80t												Hook		
Telescoping mode	I	1	1	1	1	2	1	1	1	2	1	1	1	I	Telescoping mode
	II	2	1	1	1	2	2	1	1	2	2	1	1	II	
	III	2	2	1	1	2	2	2	1	2	2	2	1	III	
	IV	2	2	2	1	2	2	2	1	2	2	2	2	IV	
	V	1	2	2	2	1	2	2	3	2	2	2	3	V	
	VI	1	1	2	3	1	1	2	3	1	2	3	3	VI	

Table 3-3-3 7-section main boom

Unit: t

16.1m - 85m 9.4×9.4 360° 124t 7m															
R/L	47.9				53.2				58.5				R/L		
7	110	92	75	58									7		
8	108	90	72	55	78	75	70	52					8		
9	104	86	70	51	75	74	67	50	64	62	60	48	9		
10	100	81	66	47.5	73	70	64	48	62	61	57	45	10		
12	95	72	61	42.5	71	64	60	44	60	59	54	42	12		
14	90	64	56	38	68	59	56	40	58	56	51	40	14		
16	79	57	51	34	63	55	52	36	55	53	48	37	16		
18	70	52	47.5	31	58	51.5	48	33	52	50	44	34	18		
20	62	47	44	28	54	48	44	30	49	47	40	31	20		
22	55	43	41.5	25.5	50	45.5	40	28	46	44	37	28	22		
24	48.4	40	39	23.2	46	43	37	26	42	41	34	25	24		
26	42.4	37	37	21.5	41.4	41	34	24	39	38.5	31.5	23	26		
28	37.6	34	35	20	36.5	39	31	22.5	36	36.5	29	21	28		
30	33.4	31.7	33.5	18.6	32.4	35	29	21	32.3	33.8	27	20	30		
32	30	29.6	32	17.4	29	32	27	19.6	28.8	31	25	19	32		
34	27	27.7	29.7	16.3	26	29	25	18.4	25.7	27.5	23	18	34		
36	24.3	25.2	27	15.2	23.2	26.5	23	17.2	23	25	21	17	36		
38	22	22.8	25	14.2	21	24	21	16.2	20.7	22.5	20	16	38		
40	19.8	20.7	23	13.4	19	22	20	15.3	19	20.2	19	15	40		
42	18	18.8	21	12.5	17	19.5	19	14.2	17	18.5	18	14	42		
44	16	17	18.5	11.5	15.2	18	18	13.5	15.2	16.5	17	13	44		
46					13.6	16.2	17	12.5	13.5	15	16	12.2	46		
48					12.3	15	15.5	11.6	12.2	13.6	15	11.5	48		
50					11	13.5	14	11	10.9	12.4	14	10.8	50		
52									9.8	11.2	13	10	52		
54									8.6	10	12	9.6	54		
Reeving	10	8	7	6	7	6	6	6	6	6	6	4	Reeving		
Wind speed	14. 1m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	2	1	1	1	3	2	1	1	3	3	1	1	I	Telescoping mode
	II	2	3	2	1	2	2	3	1	3	2	3	1	II	
	III	2	2	2	1	2	2	2	2	2	2	3	3	III	
	IV	2	2	2	3	2	2	2	3	2	2	2	3	IV	
	V	2	2	2	3	2	2	2	3	2	2	2	3	V	
	VI	2	2	3	3	2	3	3	3	3	2	3	3	3	

Table 3-3-4 7-section main boom

Unit: t

		 16 . 1m - 85m				 9.4×9.4		 360°		 124t		 7m			
R/L	63.8				69.1			74.4		79.7	82.7	85	R/L		
10	50	49	46	40									10		
12	49	48	45	39	42	40	38						12		
14	48	47	44	37	41	39	37	35	33				14		
16	46	45	43	35	40	38	36	34	32	30	25	24	16		
18	44	43	41	33	38	37	35	33	31	29	25	24	18		
20	42	42	39	31	36	35	34	32	30	28	25	24	20		
22	40	41	36	29	34	33	32	31	29	26.8	24	23	22		
24	38	39	33	27	32	31	30	30	28	25.7	23	22	24		
26	36	37	31	25	31	30	28	29	27	23.6	22	21	26		
28	34	35	28.5	23	30	29	26	27	26	22	21	20	28		
30	32	33	26	21	28.5	28	24	25	24	21	20	19.2	30		
32	29.2	30.1	24.5	20	27	27	22.5	23	22	20.3	19.4	18.7	32		
34	26.1	27	23	19	25.5	25.8	21	21.2	20.5	19.7	18.8	17.7	34		
36	23.4	24.3	21.5	18	24	24.6	19.5	20	19.2	19	18.2	16.7	36		
38	21	22	20	16.8	21.6	23	18.2	19.2	18.3	18.2	17.1	15.7	38		
40	19	19.8	18.8	15.8	19.6	21.5	17	18.3	17.4	17.1	16.2	14.9	40		
42	17.1	18	17.6	15	17.7	19	16	17.4	16.5	16	15.2	13.9	42		
44	15.3	16.3	16.8	14.2	16	17.2	15	16.5	15.6	15.2	14.3	13	44		
46	13.8	14.8	16	13.4	14.4	15.6	14.4	15.5	14.7	14.3	13.2	12.2	46		
48	12.5	13.4	15.4	12.6	13.1	14.3	13.6	14	13.8	13.6	12.4	11.5	48		
50	11.2	12.2	14.6	12	11.8	13	12.8	12.7	13	13.1	11.3	10.8	50		
52	10	11	13.7	11.5	10.7	11.8	12	11.5	12	12.3	10.5	10.2	52		
54	9	10	12.6	10.6	9.6	10.8	11.2	10.4	10.8	11	9.8	9.6	54		
56	8	9	11.7	10	8.5	9.8	10.4	9.4	10	10	9	8.9	56		
58	7	8	10.8	9.5	7.5	8.2	9.6	8.4	9	9	8.4	8.2	58		
60	6	7	9.9	8.5	6.6	7.2	9	7.5	8	8.2	7.8	7.6	60		
62					6	6.5	8.6	6.6	7.1	7.5	7.2	7	62		
64					5	6	8	6	6.3	6.6	6.5	6.6	64		
66					3.5	4.5	6	5	5.5	6	6	6	66		
68								4	5	5.2	5.2	5.2	68		
70								3	4	4.5	5.2	4.5	70		
72										4	4	4	72		
74										3	3.2	3.2	74		
76										2.5	2.5	2.5	76		
78											2	2	78		
Reevina	4	4	4	4	4	4	4	4	4	4	4	4	Reevina		
Wind speed	11 .4 m/s												Wind speed		
Hook	80t/40t												Hook		
Telescoping mode	I	3	3	1	1	3	3	1	3	2	3	4	4	I	Telescoping mode
	II	3	3	3	2	3	3	3	3	3	3	4	4	II	
	III	3	2	3	3	3	2	3	3	3	3	4	4	III	
	IV	2	2	2	3	3	2	3	3	3	3	3	4	IV	
	V	2	2	3	3	2	3	3	3	3	3	3	4	V	
	VI	2	3	3	3	2	3	3	2	3	3	3	4	VI	

Table 3-4-1 7-section main boom

Unit: t

16.1m - 85m 9.4×9.4 360° 104t 7m														
R/L	16.1	21.4					26.7					32	R/L	
3													3	
3.5	210	210	200	180	170	130							3.5	
4	210	210	200	175	165	125	200	192	168	130	75		4	
4.5	210	210	200	170	160	120	196	186	167	125	72	188	4.5	
5	205	205	200	165	155	115	192	180	162	120	68	185	5	
6	200	200	190	160	150	110	190	166	155	116	62	178	6	
7	185	185	182	155	145	105	180	152	146	112	58	172	7	
8	165	165	166	150	130	98	164	142	136	106	54	158	8	
9	145	145	146	145	125	94	146	132	127	100	50	138	9	
10	126	125	125	126	120	90	126	125	118	92	46	125	10	
12	100	100	101	102	103	82	100.5	102.5	104	82	41	99.5	12	
14		83	84	85	86	77.5	84	85.5	87	72	37	82.5	14	
16		69	71	72	73	71	71	72.5	74.5	65	34	69.5	16	
18		59	60.5	62	63	65	61	62	64.5	60	32	60	18	
20							51.5	53.8	55.8	55	29	50	20	
22							43.5	45.7	47.5	49	27	42.2	22	
24							36	39	41	42.5	25	35.8	24	
26												30.6	26	
28												26	28	
Reeving	20	20	20	16	16	12	18	18	16	12	7	16	Reeving	
Wind speed	14.1m/s												Wind speed	
Hook	220t/160t/80t												Hook	
Telescoping mode	I	1	1	1	1	1	1	1	1	1	1	2	I	Telescoping mode
	II	1	2	1	1	1	1	2	1	1	1	2	II	
	III	1	1	2	1	1	1	2	2	1	1	2	III	
	IV	1	1	1	2	1	1	1	2	2	1	1	IV	
	V	1	1	1	1	2	1	1	1	2	2	1	V	
	VI	1	1	1	1	1	2	1	1	1	2	3	1	

Table 3-4-2 7-section main boom

Unit: t

 16.1m - 85m  9.4×9.4  360°  104t  7m															
R/L	32				37.3				42.6				R/L		
4.5	172	165	148	76									4.5		
5	170	160	145	75	168	165	136	64					5		
6	160	150	136	70	165	163	135	62	132	128	75	64	6		
7	150	140	126	65	160	155	126	58	130	125	72	62	7		
8	142	130	117	60	156	148	118	53	125	120	70	57	8		
9	136	118	108	56	139	140	110	50	120	115	66	54	9		
10	125	110	102	53	124	125	104	46	116	110	62	50	10		
12	101	100	90	49	100.5	103	92	40	102	102	56	45	12		
14	85	87	80	45	83.5	86	83	36	85	87.5	52	40	14		
16	72.5	75	72	40	71	74	74	32	72.5	75	48	36	16		
18	62.5	65	65	37	61	64	65.8	29	62.5	65	44	33	18		
20	53.4	56	58.3	34	51.8	55.4	58.2	27	53.5	57.4	41	30	20		
22	45.4	48	50	31	44	47.3	50	25	45.8	49.2	38	27	22		
24	39	41.5	43.6	29	37.5	41	43.5	23	39.4	43.5	36	25.2	24		
26	33.7	36.2	38.3	27	32.3	35.6	38.2	21	34.2	37.5	34	23.4	26		
28	29.3	31.7	33.8	25	28	31.3	33.8	19	29.7	33.1	32	22	28		
30					24.3	27.6	30.1	18	26.1	29.4	30.4	20.6	30		
32					21.2	24.3	27	17	23	26.1	28.4	19.4	32		
34					18.5	21.6	24.1	16	20.3	23.4	25.6	18.3	34		
36									18	21.1	23.2	17.4	36		
38									15.9	18.9	21	16.5	38		
40									13	16.5	19	15.6	40		
Reeving	16	16	12	7	16	16	12	6	12	10	7	6	Reeving		
Wind speed	14.1m/s												Wind speed		
Hook	220t/160t/80t												Hook		
Telescoping mode	I	1	1	1	1	2	1	1	1	2	1	1	1	I	Telescoping mode
	II	2	1	1	1	2	2	1	1	2	2	1	1	II	
	III	2	2	1	1	2	2	2	1	2	2	2	1	III	
	IV	2	2	2	1	2	2	2	1	2	2	2	2	IV	
	V	1	2	2	2	1	2	2	3	2	2	2	3	V	
	VI	1	1	2	3	1	1	2	3	1	2	3	3	VI	

Table 3-4-3 7-section main boom

Unit: t

16.1m - 85m 9.4×9.4 360° 104t 7m															
R/L	47.9				53.2				58.5				R/L		
7	110	92	75	58									7		
8	108	90	72	55	78	75	70	52					8		
9	104	86	70	51	75	74	67	50	64	62	60	48	9		
10	100	81	66	47.5	73	70	64	48	62	61	57	45	10		
12	95	72	61	42.5	71	64	60	44	60	59	54	42	12		
14	86	64	56	38	68	59	56	40	58	56	51	40	14		
16	74	57	52	34	63	55	52	36	55	53	48	37	16		
18	63	52	48	31	58	51.5	48	33	52	50	44	34	18		
20	55.5	47	45	28	54	48	44	30	49	47	40	31	20		
22	47.7	43	42	25.5	46.5	45.5	40	28	46	44	37	28	22		
24	41.3	40	39.6	23.2	40	42.8	37	26	40	41	34	25	24		
26	36	37	37.4	21.5	34.8	37.5	34	24	34.7	36.3	31.5	23	26		
28	31.5	32.5	34.5	20	30.4	33.1	31	22.5	30.3	31.9	29	21	28		
30	27.9	28.8	30.8	18.6	26.8	29.3	29	21	26.7	28.2	27	20	30		
32	24.7	24.7	27.6	17.4	23.6	26.1	27	19.6	23.4	25.1	25	19	32		
34	22	22.9	25	16.3	21	23.4	24.3	18.4	20.7	22.3	23	18	34		
36	19.7	20.6	22.5	15.2	18.6	21	21.8	17.2	18.1	20	21	17	36		
38	17.8	18.5	20.3	14.2	16.5	18.9	19.8	16.2	16.3	18	19.8	16	38		
40	15.7	16.6	18.5	13.4	14.6	17	18	15.3	14.5	16	18	15	40		
42	14	15	16.7	12.5	13	15.4	16.2	14.2	12.8	14.4	16.2	14	42		
44	12.4	13.2	15	11.5	11.5	14	14.7	13.5	11.4	12.9	14.7	13	44		
46					10	12.6	13.4	12.5	10	11.6	13.4	12.2	46		
48					9	11.4	12.1	11.6	8.8	10.3	12.2	11.5	48		
50					7	10	10.8	11	7.7	9.2	11	10.8	50		
52									6.6	8.1	10	10	52		
54									5.5	7.2	9	9.6	54		
Reeving	10	8	7	6	7	6	6	6	6	6	6	4	Reeving		
Wind speed	14. 1m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	2	1	1	1	3	2	1	1	3	3	1	1	I	Telescoping mode
	II	2	3	2	1	2	2	3	1	3	2	3	1	II	
	III	2	2	2	1	2	2	2	2	2	2	3	3	III	
	IV	2	2	2	3	2	2	2	3	2	2	2	3	IV	
	V	2	2	2	3	2	2	2	3	2	2	2	3	V	
	VI	2	2	3	3	2	3	3	3	3	2	3	3	3	

Table 3-4-4 7-section main boom

Unit: t

		 16 . 1m - 85m				 9.4×9.4				 104t		 7m			
R/L		63.8				69.1			74.4		79.7	82.7	85	R/L	
10		50	49	46	40									10	
12		49	48	45	39	42	40	38						12	
14		48	47	44	37	41	39	37	35	33				14	
16		46	45	43	35	40	38	36	34	32	30	25	24	16	
18		44	43	41	33	38	37	35	33	31	29	25	24	18	
20		42	42	39	31	36	35	34	32	30	28	25	24	20	
22		40	41	36	29	34	33	32	31	29	26.8	24	23	22	
24		38	39	33	27	32	31	30	30	28	25.7	23	22	24	
26		35.1	36.1	31	25	31	30	28	29	27	23.6	22	21	26	
28		30.7	31.7	28.5	23	30	29	26	27	26	22	21	20	28	
30		27	28	26	21	27.7	28	24	25	24	21	20	19.2	30	
32		23.8	24.8	24.5	20	24.5	25.8	22.5	23	22	20.3	19.4	18.7	32	
34		21.1	22.1	23	19	21.7	23	21	21.2	20.5	19.7	18.8	17.7	34	
36		18.8	19.7	21.5	18	19.4	20.6	19.5	20	19.2	19	18.2	16.7	36	
38		16.7	17.8	20	16.8	17.3	18.5	18.2	18.1	18.3	18.2	17.1	15.7	38	
40		14.8	15.8	18.7	15.8	15.4	16.6	17	16.2	17.3	17.1	16.2	14.9	40	
42		13.2	14	17	15	13.8	15	16	14.8	16.3	15.8	15.2	13.9	42	
44		11.7	12.6	15.5	14.2	12.3	13.5	15	13.1	14.9	14.1	14.3	13	44	
46		10.4	11.3	14.1	13.4	10.9	12.1	14.4	11.7	13.5	12.7	12.6	12.2	46	
48		9.1	10.1	12.9	12.6	9.8	10.9	13.2	10.6	12.3	11.5	11.4	11.5	48	
50		8	9	11.7	12	8.6	9.8	12.1	9.4	11.1	10.3	10.3	10.5	50	
52		7	8	10.8	11.5	7.5	8.7	11	8.3	10.1	9.3	9.2	9.4	52	
54		6	7	9.8	10.6	6.6	7.6	10.1	7.4	9.1	8.3	8.1	8.3	54	
56		5	6	8.8	9.7	5.7	6.8	9.2	6.5	8.2	7.4	7.2	7.4	56	
58		4	5	7.8	8.8	5	5.9	8.3	5.6	7.3	6.5	6.3	6.5	58	
60		3	4	7	8	4	5	7.4	5	6.4	5.6	5.5	5.8	60	
62						3	4.4	6.6	4.2	5.6	5	4.9	5	62	
64						2	3.3	6	3.4	5.1	4.4	4.2	4.3	64	
66									2	4.4	3.8	3.6	3.8	66	
68											2.8	2.5	2.6	68	
70											2	2	2	70	
Reeving		4	4	4	4	4	4	4	4	4	4	4	4	Reeving	
Wind speed		11.4m/s												Wind speed	
Hook		80t/40t												Hook	
Telescoping mode	I	3	3	1	1	3	3	1	3	2	3	4	4	I	Telescoping mode
	II	3	3	3	2	3	3	3	3	3	3	4	4	II	
	III	3	2	3	3	3	2	3	3	3	3	4	4	III	
	IV	2	2	2	3	3	2	3	3	3	3	3	4	IV	
	V	2	2	3	3	2	3	3	3	3	3	3	4	V	
	VI	2	3	3	3	2	3	3	2	3	3	3	4	VI	

Lifting capacity tables / Lifting height charts

7-section main boom + superlift: 37.3m-85m

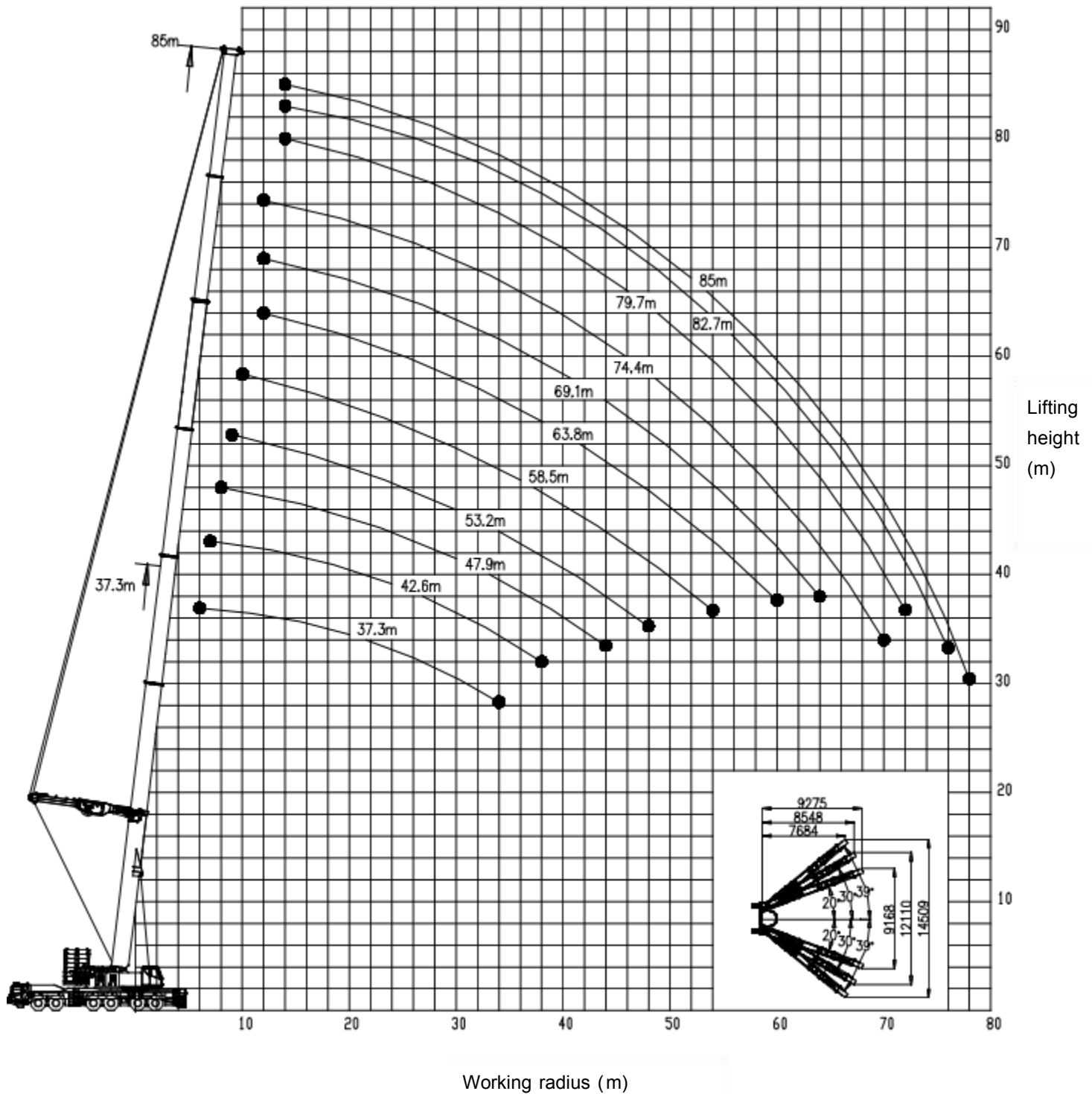


Table 4-1-1 7-section main boom + superlift

Unit: t

16.1m - 85m  9.4×9.4 360° 164t 7m														
R/L		37.3			42.6				47.9				R/L	
6		175	140	112									6	
7		166	138	110	142	140	112	110					7	
8		156	134	106	140	135	108	105	135	125	105	100	8	
9		146	130	102	136	130	102	98	130	120	100	94	9	
10		136	125	94	126	125	96	90	125	115	95	88	10	
12		120	118	84	116	118	88	82	114	105	88	81	12	
14		107	108	75	104	106	80	74	102	92	80	73	14	
16		93	95	68	93	95	74	66	92	84	75	67	16	
18		80	82	62	80	83	68	64	82	78	70	61	18	
20		70	72	57	70	73	64	56	72	71	66	56	20	
22		62	64.5	53	61	64.5	60	52	63	64.5	61	51	22	
24		55	57.6	49	54	57.2	56	48	56.5	57.5	58.4	47.5	24	
26		49	51.4	46	48	51.4	53	45	50.6	51.6	53	44	26	
28		44	46	42.5	43	46.5	48.5	43	45.4	46.4	48.2	41.5	28	
30		39.5	42	40	39	42	44	41	41	42	43.8	39	30	
32		35	37	38	35	38	40.2	39	37	38	40	36	32	
34		24	26	28	31	34.5	36.8	36	33.8	34	36	34	34	
36					28	31	33.2	33	30.7	31.6	33	32	36	
38					23	26	28	27	28	28.8	30	30	38	
40									25	26	27.5	28	40	
42									22.2	23.6	25	26	42	
44									16.4	17.3	19	21	44	
Reeving		16	12	10	12	12	10	10	12	12	10	10	Reeving	
Wind speed		14.1m/s											Wind speed	
Hook		220t/160t/80t											Hook	
Telescoping mode	I	1	1	1	2	1	1	1	2	1	1	1	I	Telescoping mode
	II	2	1	1	2	2	1	1	2	3	2	1	II	
	III	2	2	1	2	2	2	1	2	2	2	1	III	
	IV	2	2	1	2	2	2	2	2	2	2	3	IV	
	V	2	2	3	2	2	2	3	2	2	2	3	V	
	VI	1	2	3	1	2	3	3	2	2	3	3	VI	

Table 4-1-2 7-section main boom + superlift

Unit: t

16.1m - 85m  9.4×9.4 360° 164t 7m															
R/L	53.2				58.5				63.8				R/L		
9	120	102	100	92									9		
10	115	98	95	88	100	94	92	85					10		
12	108	90	88	82	96	89	88	80	90	86	82	75	12		
14	100	82	80	74	92	82	81.2	74.1	85	82	76	72	14		
16	90	76	75	67.5	85	76	75.6	67.5	80	76	69.3	68	16		
18	80	71	70	61.7	78	71	70	64	75	71	64.2	62.2	18		
20	71	67	65	56.7	71.5	67	64.2	60	69	67	60	58	20		
22	62.8	62	60	52.3	63	62	59.3	55	61	62	55	53.2	22		
24	56	58	57	48.6	56	57	55	50	54.5	55	51	49.3	24		
26	50	52	52.2	45.3	50	51.5	51	46	50.5	51	48	46	26		
28	44.8	47	47.5	42.4	45	46.4	46	43	45.5	46.5	45	42.8	28		
30	40	43	43.6	40	40.6	42.1	43	40	41	42	43	40	30		
32	36	39	40	37.2	36.5	38.2	40	38	37	38	39	37.6	32		
34	32.5	35.5	36	35.2	33	34.5	36	35.5	33.8	34.6	36.8	35.4	34		
36	29.5	32.5	32.5	33.2	30	31.6	33	33.4	30.8	31.8	34	33	36		
38	27	29.6	30.6	31	27.5	29	30.5	31.2	28	29	31.5	31	38		
40	24	27	28	29	24.5	26.5	28.2	30	25.5	26.5	29.2	28.8	40		
42	22	25	25.8	27	22.5	23.8	26.1	28	23	24	26.1	26.7	42		
44	20	23	23.7	25	20.5	22	24	26	21	22	24.2	24.8	44		
46	18	21	21.8	23	18.5	20	22	24	19	20	22	22.9	46		
48	15	17	18	19	16	18	20	22	17	18	20	21	48		
50					15	16	18	20	15.4	16.3	18.2	19.3	50		
52					13	14	16	18	14	14.8	16.8	18	52		
54					9	10	12.5	14	12	13.6	15.7	16.8	54		
56									11	12.2	14.1	15.2	56		
58									9	10	12	13	58		
60									5	6	7.5	8	60		
Reeving	10	10	10	8	10	8	8	8	8	8	8	8	Reeving		
Wind speed	11.4m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	3	2	1	1	3	3	1	1	3	3	1	1	I	Telescoping mode
	II	2	2	3	1	3	2	3	1	3	3	3	2	II	
	III	2	2	2	2	2	2	3	3	3	2	3	3	III	
	IV	2	2	2	3	2	2	2	3	2	2	2	3	IV	
	V	2	2	2	3	2	2	2	3	2	2	3	3	V	
	VI	2	3	3	3	2	3	3	3	3	2	3	3	3	

Table 4-1-3 7-section main boom + superlift

Unit: t

16 . 1m - 85m  9.4×9.4 360° 164t 7m											
R/L	69.1			74.4		79.7	82.7	85	R/L		
12	80	78	75	70	68				12		
14	78	73	70	68	66	64	58	56	14		
16	74	67	65	66	63	62	56	54	16		
18	68	62.5	61	63	60	57	54	52	18		
20	63	58.4	56	60	56	54	51	50	20		
22	58	54.7	52.2	55	52	51	48	47	22		
24	53	51.3	48.5	51	49	48	45.5	44	24		
26	49.5	48.6	45.1	48	46	45	43	42	26		
28	46	45	42.2	44.5	43	42.5	41	40	28		
30	41.5	42	39.6	40.6	40.5	40	38	37	30		
32	36.8	38.2	37.2	37	38	36	35	34	32		
34	33.7	34.8	35.1	34	35	34	33	32	34		
36	30.8	31.7	33	31	32	31.5	31	30	36		
38	28	29.2	30.5	28.5	29.6	29	28.6	28	38		
40	25.6	26.5	28.5	26	27.2	26.5	26.4	26	40		
42	23.4	24.6	26.5	24	25	24.4	24.2	24	42		
44	21.3	22.4	24.5	22	23.1	22.6	22.6	22.5	44		
46	19.2	20.6	22.4	20.1	21.5	21.1	21	21	46		
48	17.8	19	21	18.4	20	19.5	19.4	19.5	48		
50	16	17.3	19.5	16.8	18.5	18	17.9	18	50		
52	14.5	16	18	15.3	17	16.6	16.4	16.5	52		
54	13	14.6	16.5	14.2	15.8	15.2	15.1	15.2	54		
56	11.5	13	15	13	14.4	14	13.9	14	56		
58	10.5	12	14	11.8	13.3	13.1	12.9	13	58		
60	9.5	11	13	10.8	12.5	12.2	11.9	12	60		
62	8	9.5	11.5	9.7	11.5	11.2	11.1	11.2	62		
64	5	7	8.5	8.8	10.4	10.2	10.2	10.3	64		
66				7.6	9.6	9.4	9.3	9.4	66		
68				6.2	7.5	8.5	8.5	8.6	68		
70				3.5	5	7.9	7.7	7.8	70		
72						6.4	6.5	6.6	72		
74							5.7	5.8	74		
76							4.8	5	76		
78								4	78		
Reeving	4	4	4	4	4	4	4	4	Reeving		
Wind speed	11 .4m/s								Wind speed		
Hook	80t/40t								Hook		
Telescoping mode	I	3	3	1	3	2	3	4	4	I	Telescoping mode
	II	3	3	3	3	3	3	4	4	II	
	III	3	2	3	3	3	3	4	4	III	
	IV	3	2	3	3	3	3	3	4	IV	
	V	2	3	3	3	3	3	3	4	V	
	VI	2	3	3	2	3	3	3	4	VI	

Table 4-2-1 7-section main boom + superlift

Unit: t

16.1m - 85m  9.4×9.4 360° 144t 7m														
R/L	37.3			42.6				47.9				R/L		
6	175	140	112									6		
7	166	138	110	142	140	112	110					7		
8	156	134	106	140	135	108	105	135	125	105	100	8		
9	146	130	102	136	130	102	98	130	120	100	94	9		
10	136	125	94	126	125	96	90	125	115	95	88	10		
12	116	118	84	116	118	88	82	114	105	88	81	12		
14	97	99	75	96	98	80	74	98	92	80	73	14		
16	83	85	68	83	85	74	66	84	84	75	67	16		
18	72	74	62	71.5	74	68	64	73.5	74.2	70	61	18		
20	63	65	57	62.5	65	64	56	64.5	65	66	56	20		
22	55.5	57.5	53	55	57.5	59	52	57	57.8	59.5	51	22		
24	49	51.5	49	48.6	51.2	53	48	50.5	51.5	53	47.5	24		
26	43.8	46	46	43.2	46	48	45	45	46	47.5	44	26		
28	39	41.2	42.5	38.5	41.5	43	43	40.5	41.5	43	41.5	28		
30	35	37.2	39	34.5	37.2	39	40	36.5	37.5	39	39	30		
32	31.2	33.5	35.5	31	33.5	35.5	36.5	33	33.8	35.5	36	32		
34	24	26	27	27.6	30.6	32.5	33.5	30	30.8	32.5	34	34		
36				25	27.8	29.5	30.5	27	28	29.5	31.2	36		
38				21	24	26	27	24.5	25.5	27	29	38		
40								22.2	23	24.8	26	40		
42								20	21	22.5	24.2	42		
44								15	16	18	20	44		
Reeving	16	12	10	12	12	10	10	12	12	10	10	Reeving		
Wind speed	14.1m/s											Wind speed		
Hook	220t/160t/80t											Hook		
Telescoping mode	I	1	1	1	2	1	1	1	2	1	1	1	I	Telescoping mode
	II	2	1	1	2	2	1	1	2	3	2	1	II	
	III	2	2	1	2	2	2	1	2	2	2	1	III	
	IV	2	2	1	2	2	2	2	2	2	2	3	IV	
	V	2	2	3	2	2	2	3	2	2	2	3	V	
	VI	1	2	3	1	2	3	3	2	2	3	3	VI	

Table 4-2-2 7-section main boom + superlift

Unit: t

16.1m - 85m  9.4×9.4  144t 7m															
R/L	53.2				58.5				63.8				R/L		
9	120	102	100	92									9		
10	115	98	95	88	100	94	92	85					10		
12	108	90	88	82	96	89	88	80	90	86	82	75	12		
14	98	82	80	74	95	82	81.2	74.1	85	82	76	72	14		
16	85	76	75	67.5	85	76	75.6	67.5	80	76	69.3	68	16		
18	73	71	70	61.7	72	71	70	64	72	71	64.2	62.2	18		
20	63.5	67	65	56.7	63	63	64.2	60	64	65	60	58	20		
22	56	60	60	52.3	56	57	59.3	55	56	57	55	53.2	22		
24	49.8	52	53	48.6	50	51	53.5	50	50	51	51	49.3	24		
26	44.5	46.5	48	45.3	44.6	45.5	47.6	46	45	46	48	46	26		
28	40	43	45	42.4	40	41	43.2	43	40.5	41	43.6	42.8	28		
30	36	38.2	39	40	36	37	39.2	40	36.2	37	39.6	40	30		
32	32.5	34.8	35.5	37.2	32.6	33.5	35.8	37.5	33	34	35.9	36.5	32		
34	29.2	31.5	32.3	34.2	29.5	30.5	32.5	34.5	30	30.6	32.7	33.5	34		
36	26.4	28.2	29.4	21.4	26.6	28	29.8	31.8	27.2	28	30	30.5	36		
38	24	26.2	27	29	24.2	25.5	27.2	29.2	24.8	25.5	27.6	28	38		
40	21.6	24	24.8	26.8	22	23.2	25	27	22.5	23.2	25.8	26	40		
42	19.5	22	22.8	24.6	20	21.3	23.2	25	20.6	21.2	23.7	24	42		
44	17.8	20	20.7	22.6	18.2	19.4	21.2	23	18.6	19.1	21.8	22	44		
46	16	18.2	19	21	16.5	17.5	19.2	21.6	17.1	17.5	20	20.4	46		
48	14.2	16.2	17	19	15	16	18	20	15.4	16.1	18.6	19	48		
50					13.5	14.6	16.2	18.5	14	14.5	17.2	17.6	50		
52					12	13.2	15	17	12.5	13.2	15.8	16.4	52		
54					8.5	9	12	14	11.3	12.1	14.6	15.2	54		
56									10	11	13.5	14	56		
58									8.5	9	11.5	12	58		
60									5	6	7.5	8	60		
Reeving	10	10	10	8	10	8	8	8	8	8	8	8	Reeving		
Wind speed	11.4m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	3	2	1	1	3	3	1	1	3	3	1	1	I	Telescoping mode
	II	2	2	3	1	3	2	3	1	3	3	3	2	II	
	III	2	2	2	2	2	2	3	3	3	2	3	3	III	
	IV	2	2	2	3	2	2	2	3	2	2	2	3	IV	
	V	2	2	2	3	2	2	2	3	2	2	3	3	V	
	VI	2	3	3	3	2	3	3	3	2	3	3	3	VI	

Table 4-2-3 7-section main boom + superlift

Unit: t

16 . 1m - 85m  9.4×9.4 360° 144t 7m											
R/L		69.1			74.4		79.7	82.7	85	R/L	
12		80	78	75	70	68				12	
14		78	73	70	68	66	64	58	56	14	
16		74	67	65	66	63	62	56	54	16	
18		68	62.5	61	63	60	57	54	52	18	
20		63	58.4	56	60	56	54	51	50	20	
22		56.5	54.7	52.2	55	52	51	48	47	22	
24		50	51.3	48.5	51	49	48	45.5	44	24	
26		45	46.5	45.1	46.5	46	45	43	42	26	
28		41	42	42.2	42	42.5	42	41	40	28	
30		37	38.2	39.6	38	38.5	38	38	37	30	
32		33	34.2	36	34	35	34	35	34	32	
34		30	31.5	33.5	31	32	31.5	32	32	34	
36		27.5	28.6	31	28	29	28.6	29.2	29.7	36	
38		25.2	26.3	28.5	25.8	27	26.4	27	27.2	38	
40		23	24.1	26	23.6	25	24.3	24.7	24.9	40	
42		21	22	24	21.8	23	22.3	22.6	22.8	42	
44		19.2	20.2	22.2	20	21	20.7	20.8	21	44	
46		17.3	18.6	20.5	18.2	19.2	19	19.1	19.3	46	
48		15.8	17	19	16.7	17.8	17.6	17.6	17.8	48	
50		14.2	15.6	17.8	15.2	16.2	16.3	16.2	16.4	50	
52		13	14.4	16.3	14	15.1	14.9	15	15.2	52	
54		11.8	13.2	15	12.8	14	13.7	13.8	14	54	
56		10.8	11.8	13.9	11.6	13	12.7	12.7	12.9	56	
58		9.8	10.6	12.9	10.6	12	11.6	11.8	11.9	58	
60		8.8	9.5	12	9.7	11	10.6	10.8	10.9	60	
62		7.8	8.5	11	8.7	10	9.5	9.6	10	62	
64		5	7	8.5	7.9	9.2	8.7	8.8	9	64	
66					7	8.4	7.9	8	8.2	66	
68					6.2	7	7.1	7.2	7.3	68	
70					3.5	5	6.3	6.4	6.5	70	
72							5.5	5.6	5.7	72	
74								4.5	5	74	
76								3.6	4.4	76	
78									3.8	78	
Reevina		4	4	4	4	4	4	4	4	Reevina	
Wind speed		11 .4 m/s								Wind speed	
Hook		80t/40t								Hook	
Telescoping mode	I	3	3	1	3	2	3	4	4	I	Telescoping mode
	II	3	3	3	3	3	3	4	4	II	
	III	3	2	3	3	3	3	4	4	III	
	IV	3	2	3	3	3	3	3	4	IV	
	V	2	3	3	3	3	3	3	4	V	
	VI	2	3	3	2	3	3	3	4	VI	

Table 4-3-1 7-section main boom + superlift

Unit: t

16.1m - 85m  9.4×9.4 360° 124t 7m														
R/L	37.3			42.6				47.9				R/L		
6	175	140	112									6		
7	166	138	110	142	140	112	110					7		
8	156	134	106	140	135	108	105	135	125	105	100	8		
9	146	130	102	136	130	102	98	130	120	100	94	9		
10	136	122	94	129	125	96	90	125	115	95	88	10		
12	113	115	84	107	108	88	82	109	105	88	81	12		
14	94	96	75	90	92	80	74	91	92	80	73	14		
16	78	79.5	68	76	79	74	66	78	79	75	67	16		
18	67	69	62	66	69	68	64	68	69	70	61	18		
20	58	60	57	57.3	60	62	56	59	60	62	56	20		
22	51	53	53	50.2	53	55	52	52	53	54.5	51	22		
24	45	47	49	44	47	49	48	46	47	48.5	47.5	24		
26	40	42	44	39	42	44	45	41	42	43.5	44	26		
28	35.5	37.5	40	34.5	38	39.5	40.5	36.5	37.5	39	40.5	28		
30	31.6	33.5	36	30.5	33.5	35.5	37	32.5	33.5	35	37	30		
32	28	30	32	27.8	30	32	33.5	29.2	30.5	32	34	32		
34	23	25	27	24.5	27	29	30.2	26.5	27.5	29	31	34		
36				21.5	24	26	27.2	23.8	24.8	26	28	36		
38				19	21.5	23.5	24.5	21.2	22.2	23.5	25.5	38		
40								19	20	21.2	23	40		
42								17	18	19	21	42		
44								15	16	17	18	44		
Reeving	16	12	10	12	12	10	10	12	12	10	10	Reeving		
Wind speed	14.1m/s											Wind speed		
Hook	220t/160t/80t											Hook		
Telescoping mode	I	1	1	1	2	1	1	1	2	1	1	1	I	Telescoping mode
	II	2	1	1	2	2	1	1	2	3	2	1	II	
	III	2	2	1	2	2	2	1	2	2	2	1	III	
	IV	2	2	1	2	2	2	2	2	2	2	3	IV	
	V	2	2	3	2	2	2	3	2	2	2	3	V	
	VI	1	2	3	1	2	3	3	2	2	3	3	VI	

Table 4-3-2 7-section main boom + superlift

Unit: t

16.1m - 85m  9.4×9.4 360° 124t 7m															
R/L	53.2				58.5				63.8				R/L		
9	120	102	100	92									9		
10	115	98	95	88	100	94	92	85					10		
12	108	90	88	82	96	89	88	80	90	86	82	75	12		
14	91	82	80	74	90	82	81.2	74.1	85	82	76	74	14		
16	78	76	75	67.5	77	76	75.6	67.5	78	76	69.3	68	16		
18	67	68	69	61.7	66.5	68	69	64	68	69	64.2	62.2	18		
20	58	60	61	56.7	58	59.5	61.5	60	59	60	60	58	20		
22	51	53	54	52.3	51.5	53	54.5	55	52	53	55	53.2	22		
24	45	47	48	48.6	45.5	47	48.5	50	46	47	49.5	49.3	24		
26	40	42	43	44.5	40.5	42	41.5	45.5	40.5	41.5	44.5	45	26		
28	35.5	37.5	39	40	35.6	37.5	39	41.2	36	37	40	41	28		
30	31.5	33.5	35	36.5	31.7	33.4	35	37.5	32.2	33.2	36	37	30		
32	28.2	30.5	31	32.8	28.5	30	31.5	34	28.8	29.7	32.5	33.4	32		
34	25.5	27.5	28	30	25.5	27	28.5	31	25.8	26.8	29.5	30.5	34		
36	23	25	26	27.8	23	24.4	26	28.4	23.2	24.2	26.6	27.8	36		
38	20.5	22	23.5	25	20.5	22	23.5	26	20.9	21.8	24.5	26	38		
40	18.5	20	21	23.2	18.5	20	21.5	24	18.9	19.8	22.4	23.4	40		
42	16.5	18	19	21	16.5	18	19.6	22	17.2	18	20.5	21.6	42		
44	14.5	16	17	19.2	15	16.2	18	20.2	15.4	16.3	19	20	44		
46	12.5	14	15	17.1	13.2	14.6	16	18.6	13.8	14.7	17.4	18.2	46		
48	11	12	13.5	15.5	11.6	13.2	14.5	17	12.2	13.3	16	16.8	48		
50					10.2	11.6	13	15.5	10.8	12	14.5	15.4	50		
52					9.2	10.5	12	14.2	9.6	10.6	13.2	14.1	52		
54					7.5	9	10.5	13	8.4	9.4	12	13	54		
56									7.2	8.2	11	11.6	56		
58									6.2	7	10	10.5	58		
60									5	6	7.5	8	60		
Reeving	10	10	10	8	10	8	8	8	8	8	8	8	Reeving		
Wind speed	11.4m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	3	2	1	1	3	3	1	1	3	3	1	1	I	Telescoping mode
	II	2	2	3	1	3	2	3	1	3	3	3	2	II	
	III	2	2	2	2	2	2	3	3	3	2	3	3	III	
	IV	2	2	2	3	2	2	2	3	2	2	2	3	IV	
	V	2	2	2	3	2	2	2	3	2	2	3	3	V	
	VI	2	3	3	3	2	3	3	3	2	3	3	3	VI	

Table 4-3-3 7-section main boom + superlift

Unit: t

16 . 1m - 85m  9.4×9.4 360° 124t 7m											
R/L		69.1			74.4		79.7	82.7	85	R/L	
12	80	78	75	70	68				12		
14	78	73	70	68	66	64	58	56	14		
16	74	67	65	66	63	62	56	54	16		
18	68	62.5	61	63	60	57	54	52	18		
20	59.5	58.4	56	60	56	54	51	50	20		
22	52.8	53.6	52.2	53	52	51	48	47	22		
24	46.5	47.5	48.5	47.5	48.5	48	45.5	44	24		
26	41.5	42.5	44.5	42.4	44	43.5	43	42	26		
28	36.8	38	40.5	37.7	39.4	38.7	39	38	28		
30	32.7	34	36.4	33.6	35.2	34.6	35	34.5	30		
32	29.3	30.6	33	30.1	31.9	31.1	31	31.2	32		
34	26.3	27.5	30	27.1	29	28	27.9	28.1	34		
36	23.7	24.9	27.6	24.5	26.2	25.4	25.3	25.4	36		
38	21.5	22.6	25	22.2	24	23.1	23	23.2	38		
40	19.4	20.6	22.9	20.2	22	21	20.9	21.1	40		
42	17.6	18.8	21	18.3	20	19.2	19	19.2	42		
44	16	17.1	19.4	16.7	18.4	17.5	17.4	17.5	44		
46	14.4	15.6	17.8	15.3	17	16	15.9	16.1	46		
48	13	14.3	16.4	13.8	15.5	14.7	14.5	14.7	48		
50	11.6	12.8	15.2	12.6	14.3	13.6	13.3	13.5	50		
52	10.5	11.5	14	11.3	13	12.3	12.1	12.2	52		
54	9.2	10.2	12.6	10.2	12	11.3	11.1	11.3	54		
56	8.2	9.4	11.5	9.2	11	10.3	10.1	10.4	56		
58	7.2	8.2	10.6	8.2	10	9.3	9.2	9.4	58		
60	6.2	7.3	9.5	7.2	9	8.3	8.3	8.5	60		
62	5	6.3	8.6	6.1	8	7.5	7.4	7.7	62		
64	4	5	7.5	5	7	6.6	6.5	6.8	64		
66				4	6	5.7	5.6	5.9	66		
68				3	5	4.8	4.7	5	68		
70						4	4	4.2	70		
72						3	3	3.4	72		
74							2	2.5	74		
Reeving		4	4	4	4	4	4	4	Reeving		
Wind speed		11.4 m/s							Wind speed		
Hook		80t/40t							Hook		
Telescoping mode	I	3	3	1	3	2	3	4	4	I	Telescoping mode
	II	3	3	3	3	3	3	4	4	II	
	III	3	2	3	3	3	3	4	4	III	
	IV	3	2	3	3	3	3	3	4	IV	
	V	2	3	3	3	3	3	3	4	V	
	VI	2	3	3	2	3	3	3	4	VI	

Table 4-4-1 7-section main boom + superlift

Unit: t

16.1m - 85m  9.4×9.4 360° 104t 7m														
R/L	37.3			42.6				47.9				R/L		
6	175	140	112									6		
7	166	138	110	142	140	112	110					7		
8	156	134	106	140	135	108	105	135	125	105	100	8		
9	146	130	102	136	130	102	98	130	120	100	94	9		
10	134	122	94	127	125	96	90	125	115	95	88	10		
12	111	113	84	103	105	88	82	104	105	88	81	12		
14	92	94	75	85.5	88	80	74	87.5	88	80	73	14		
16	73	76	68	72	75	74	66	74	75.5	75	67	16		
18	63	65	62	62	65	67	64	64	65	66.5	61	18		
20	54	57	57	53.1	56.7	58	56	55	56	58.1	56	20		
22	47	49.8	52	45.5	48.8	51.2	52	47.2	48.2	50.3	51.5	22		
24	40.5	43	45.5	39.3	42.6	44.7	46	41	42	44	46.2	24		
26	35.2	38	40	34.3	37.5	39.6	40.7	36	37	38.8	41	26		
28	30.8	33.5	35.7	30.1	33.3	35.2	36.5	31.7	33.2	34.6	36.7	28		
30	26.8	29.5	31.4	26.2	29.2	31.3	32.5	27.2	29.1	31	33	30		
32	23	26	28	23	26	28.1	29.2	25.2	26.1	27.9	30	32		
34	20	22	25	19.8	23	25	26.2	22	23.4	25.2	27	34		
36				17.2	20.4	22.5	23.7	19.6	20.7	22.6	24.5	36		
38				14.6	18	20	21.2	17.2	18.2	20.3	22	38		
40								15.2	16	18.1	20	40		
42								13.2	14	16.2	18	42		
44								11.5	12.2	14.4	16	44		
Reeving	16	12	10	12	12	10	10	12	12	10	10	Reeving		
Wind speed	14.1m/s											Wind speed		
Hook	220t/160t/80t											Hook		
Telescoping mode	I	1	1	1	2	1	1	1	2	1	1	1	I	Telescoping mode
	II	2	1	1	2	2	1	1	2	3	2	1	II	
	III	2	2	1	2	2	2	1	2	2	2	1	III	
	IV	2	2	1	2	2	2	2	2	2	2	3	IV	
	V	2	2	3	2	2	2	3	2	2	2	3	V	
	VI	1	2	3	1	2	3	3	2	2	3	3	VI	

Table 4-4-2 7-section main boom + superlift

Unit: t

16.1m - 85m  9.4×9.4 360° 104t 7m															
R/L	53.2				58.5				63.8				R/L		
9	120	102	100	92									9		
10	115	98	95	88	100	94	92	85					10		
12	103	90	88	82	96	89	88	80	90	86	82	75	12		
14	87	82	80	74	86	82	81.2	74.1	85	82	76	74	14		
16	73.5	75	75	67.5	73	75	75.6	67.5	74	75	69.3	68	16		
18	63	65	66	61.7	63	65	66	64	64	64.5	64.2	62.2	18		
20	53.7	56.6	57.5	56.7	53.6	55.3	57	60	54	55	58.4	58	20		
22	46	48.7	50	52.3	45.8	47.5	49.5	52	46.1	47.2	50.4	51.3	22		
24	39.7	43.4	43.3	45.8	39.6	41.3	43.2	45.6	40	40.9	44.1	45	24		
26	34.7	37.3	38.2	40.5	34.5	36	38.1	40.5	34.8	36	38.9	39.7	26		
28	30.6	33.1	33.8	36.2	30.4	31.8	33.9	36.1	30.6	31.5	34.6	35.4	28		
30	27	29.5	30.3	32.6	26.8	28.3	30.3	29.4	27	28	31	31.8	30		
32	24	26.4	27.2	28.6	23.7	25.2	27.2	26.7	24	25	27.9	28.7	32		
34	21.4	23.7	24.6	27	21.1	22.6	24.5	24.3	21.4	22.3	25.2	26	34		
36	19	21.5	22.3	24.5	18.9	20.3	22.2	22.3	19	20	22.8	23.6	36		
38	16.8	19.2	20	22.5	16.8	18.3	20.1	20.4	17.1	18	20.7	21.6	38		
40	14.6	17	18	20.4	14.6	16.4	18.3	18.7	15.2	16.2	18.9	19.8	40		
42	12.8	15.4	16	18.5	13	14.5	16.5	17.1	13.6	14.5	17.3	18	42		
44	11	13.7	14.2	16.8	11.2	12.8	14.5	15.2	12	13	15.8	16.6	44		
46	9.5	12	12.8	15.2	9.8	11.2	13	14.1	10.5	11.2	14.2	15	46		
48	8	10.5	11.2	13.5	8.4	10	11.5	12.7	9.1	10	12.8	13.7	48		
50					7.2	8.6	10.2	11.6	7.8	8.8	11.5	12.4	50		
52					6	7.5	9.2	10.4	6.6	7.5	10.4	11.2	52		
54					4.5	6.2	8	9	5.5	6.5	9.3	10.1	54		
56									4.5	5.5	8.2	9	56		
58									3.6	4.5	7.4	8	58		
60									2.5	3	6	7	60		
Reeving	10	10	10	8	10	8	8	8	8	8	8	8	Reeving		
Wind speed	11.4m/s												Wind speed		
Hook	160t/80t												Hook		
Telescoping mode	I	3	2	1	1	3	3	1	1	3	3	1	1	I	Telescoping mode
	II	2	2	3	1	3	2	3	1	3	3	3	2	II	
	III	2	2	2	2	2	2	3	3	3	2	3	3	III	
	IV	2	2	2	3	2	2	2	3	2	2	2	3	IV	
	V	2	2	2	3	2	2	2	3	2	2	3	3	V	
	VI	2	3	3	3	2	3	3	3	3	2	3	3	3	

Table 4-4-3 7-section main boom + superlift

Unit: t

16 . 1m - 85m  9.4×9.4 360° 104t 7m											
R/L		69.1			74.4		79.7	82.7	85	R/L	
12		80	78	75	70	68				12	
14		78	73	70	68	66	64	58	56	14	
16		74	67	65	66	63	62	56	54	16	
18		65	62.5	61	63	60	57	54	52	18	
20		54.7	56	56	56	56	54	51	50	20	
22		46.8	48.1	51	47.8	50	50	48	47	22	
24		40.5	41.7	44.5	41.5	43.4	42.6	42.5	42	24	
26		35.4	36.7	39.3	36.3	39.3	37.4	37.3	37.5	26	
28		31.2	32.4	35.3	32.1	34	33.1	32.9	33.1	28	
30		28.6	28.8	31.3	28.5	30.3	29.4	29.3	29.4	30	
32		24.5	25.7	28.2	25.3	27.1	26.3	26.1	26.3	32	
34		22	23.1	25.5	22.7	25.4	23.6	23.4	23.6	34	
36		19.6	20.7	23.2	20.4	22.1	21.2	21	21.3	36	
38		17.5	18.7	21	18.3	20	19.1	18.9	19.2	38	
40		15.7	17	18.2	16.5	18.2	17.3	17.1	17.3	40	
42		14.1	15.3	17.8	14.8	16.5	15.7	15.5	15.7	42	
44		12.6	13.7	16.1	13.4	15.1	14.2	14	14.2	44	
46		11.3	12.5	14.7	12	13.7	12.8	12.6	12.9	46	
48		9.8	11.2	13.5	10.8	12.6	11.7	11.5	11.6	48	
50		8.6	9.8	12	9.6	11.4	10.6	10.7	10.6	50	
52		7.5	8.6	11	8.5	10.2	9.5	9.3	9.5	52	
54		6.5	7.5	9.8	7.3	9.1	8.4	8.4	8.6	54	
56		5.4	6.5	8.8	6.3	8.2	7.5	7.5	7.7	56	
58		4.4	5.6	7.8	5.5	7.2	6.5	6.6	6.8	58	
60		3.6	4.8	7	4.6	6.4	5.6	5.7	5.9	60	
62		2.8	4	6.3	3.8	5.6	4.8	4.8	5	62	
64		2	3	5.4	3	4.5	4	3.9	4	64	
66					2.2	3.8	3.5	3.2	3.4	66	
68							2	2.2	2.6	68	
Reeving		4	4	4	4	4	4	4	4	Reeving	
Wind speed		11.4m/s								Wind speed	
Hook		80t/40t								Hook	
Telescoping mode	I	3	3	1	3	2	3	4	4	I	Telescoping mode
	II	3	3	3	3	3	3	4	4	II	
	III	3	2	3	3	3	3	4	4	III	
	IV	3	2	3	3	3	3	3	4	IV	
	V	2	3	3	3	3	3	3	4	V	
	VI	2	3	3	2	3	3	3	4	VI	

Lifting capacity tables / Lifting height charts

Fixed jib: 12m-56m

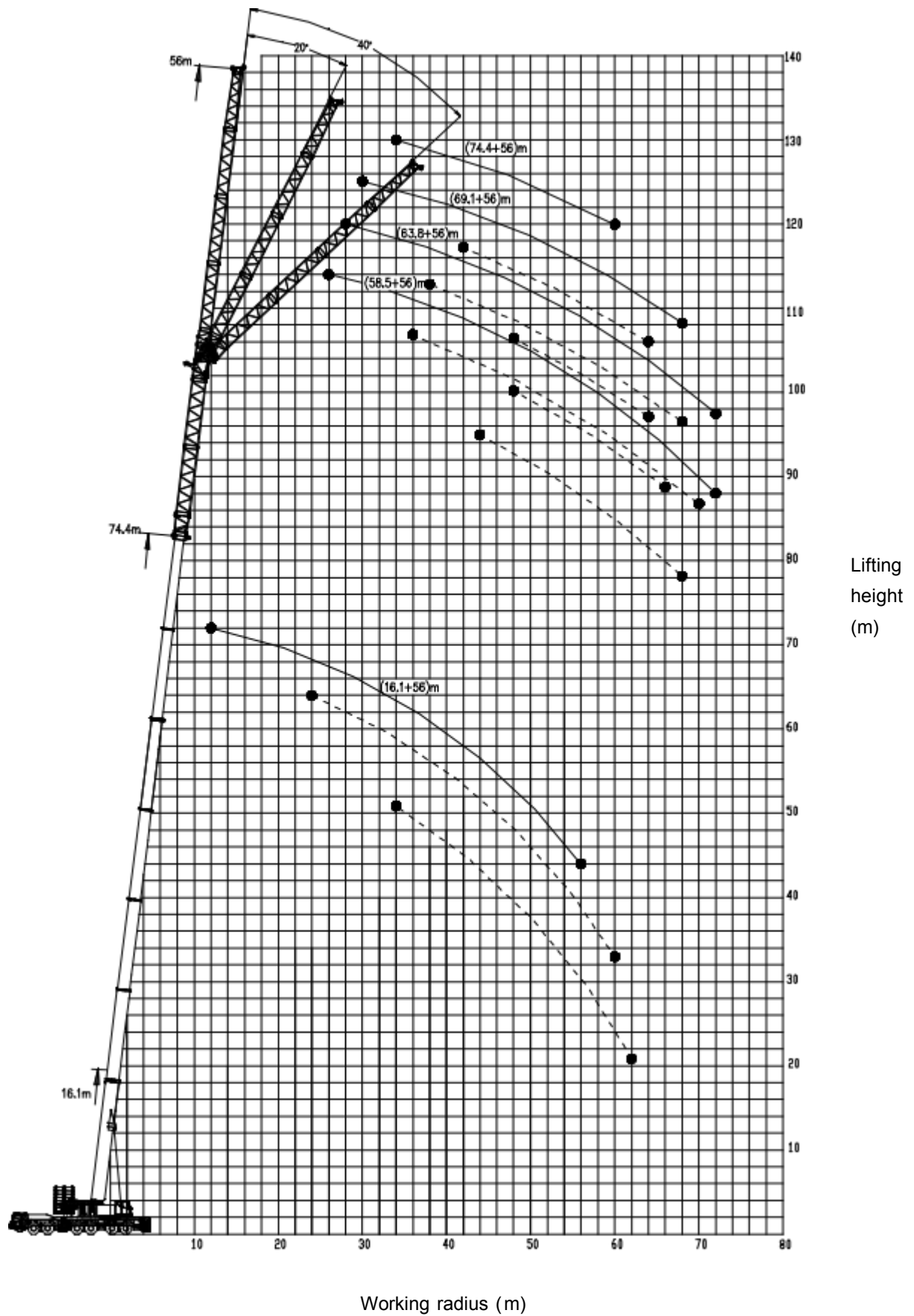


Table 5-1 Main boom + 12m jib

Unit: t

16.1m - 85m 12m 9.4×9.4 360° 144t 7m											
R/L/a		58.5	63.8	69.1	74.4	79.7	82.7	85	R/L/a		
		0°	0°	0°	0°	0°	0°	0°			
12		45							12		
14		40.8	31.9	25					14		
16		37.2	29.5	24.1	21				16		
18		33.9	27.3	22.7	20	17.4			18		
20		31	25.2	21.3	18.8	16.4	15	12	20		
22		28.6	23.1	19.9	17.8	15.6	15	12	22		
24		26.4	21.3	18.6	16.9	14.8	14.7	12	24		
26		24.3	19.7	17.4	16.1	14.1	14	12	26		
28		22.5	18.3	16.2	15.2	13.4	13	12	28		
30		21	17	15	14.3	12.8	11.5	11.2	30		
32		19.5	15.8	14	13.4	12.2	10.9	10.7	32		
34		18.2	14.7	13.1	12.6	11.7	10.3	10.1	34		
36		17	13.7	12.2	11.8	11.2	9.7	9.6	36		
38		15.9	12.8	11.4	11	10.6	9.2	9.1	38		
40		14.9	12	10.6	10.3	9.9	8.7	8.6	40		
42		13.9	11	10	9.6	9.3	8.2	8.1	42		
44		13.2	10.2	9.3	9	8.8	7.7	7.6	44		
46		12.4	9.3	8.8	8.5	8.2	7.2	7.2	46		
48		11.5	8.6	8.2	7.9	7.7	6.8	6.7	48		
50		10.5	7.9	7.7	7.5	7.3	6.4	6.3	50		
52		9.6	7.4	7.2	7	6.8	6	6	52		
54		8.8	6.8	6.8	6.6	6.4	5.6	5.6	54		
56		8	6.2	6.3	6.2	6	5.3	5.2	56		
58		7.6	5.6	5.8	5.8	5.7	5	4.9	58		
60		6.6	5.1	5.3	5.5	5.4	4.6	4.6	60		
62		5	4.6	4.8	5.1	5	3.9	3.8	62		
64			4.2	4.4	4.7	4.7	3.6	3.6	64		
66				4	4.2	4.4	3.4	3.4	66		
68					3.6	4.2	3.2	3.2	68		
70						3.5	3	3	70		
72							2.7	2.8	72		
74								2.5	74		
Reeving		4	4	2	2	2	2	1	Reeving		
Wind speed						9m/s				Wind speed	
Hook						80t/ 40t/12t				Hook	
Telescoping mode	I	3	3	3	3	3	4	4	I	Telescoping mode	
	II	3	3	3	3	3	4	4	II		
	III	2	3	3	3	3	4	4	III		
	IV	2	2	3	3	3	3	4	IV		
	V	2	2	2	3	3	3	4	V		
	VI	2	2	2	2	3	3	4	VI		

Table 5-2-1 Main boom + 16m jib

Unit: t

16.1m - 79.7m 16m 9.4×9.4 360° 144t 7m										
R/L/a	16.1			58.5			63.8			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
6	54.6									6
7	50.7	35								7
8	47.3	34								8
9	43.1	33								9
10	39.9	31.3	27							10
12	34.4	28.7	25							12
14	32.4	26.4	23.5	31.2						14
16	28.2	24.6	22	29.3	23.8		27			16
18	26	23	21	27.3	22.8		25.1	21.5		18
20	24.1	21.6	20	25	21.8	19	23.4	20.7		20
22	22.5	20.5	19	23	20.7	18.4	21.8	19.8	17.5	22
24	21.1	19.5		21.2	19.8	17.7	20.4	19	17	24
26	20	18		19.6	19	17.1	18.8	18	16.4	26
28	19			18.1	18.2	16.5	17.4	17.3	15.8	28
30				16.8	16.9	16	16.1	16.3	15.3	30
32				15.6	15.7	15.5	14.7	14.9	14.6	32
34				14.5	14.7	14.8	13.4	13.6	13.7	34
36				13.5	13.7	13.8	12.3	12.5	12.5	36
38				12.7	12.8	13	11.2	11.4	11.5	38
40				11.8	12	12.1	10.3	10.5	10.6	40
42				11.1	11.2	11.3	9.6	9.8	9.9	42
44				10.4	10.5	10.6	8.9	9.1	9.3	44
46				9.7	9.9	10	8.4	8.6	8.7	46
48				9.1	9.3	9.3	7.8	8	8.1	48
50				8.5	8.7	8.8	7.3	7.5	7.6	50
52				7.8	8.2	8.2	6.8	7	7.1	52
54				7.1	7.5	7.7	6.4	6.5	6.6	54
56				6.5	6.8		5.9	6.1	6.2	56
58				5.8	6.2		5.3	5.6	5.8	58
60				5.3	5.6		4.8	5.1	5.2	60
62				4.8	5		4.3	4.6	4.7	62
64				4.2	4.4		3.9	4.1		64
66					3.5		3.4	3.6		66
68							3	3.2		68
70								2.5		70
Reeving	6	4	4	4	2	2	4	2	2	Reeving
Wind speed	9m/s									Wind speed
Hook	80t/ 40t/12t									Hook
Telescoping mode	I	1		3		3		I		Telescoping mode
	II	1		3		3		II		
	III	1		2		3		III		
	IV	1		2		2		IV		
	V	1		2		2		V		
	VI	1		2		2		VI		

Table 5-2-2 Main boom + 16m jib

Unit: t

		16.1m - 79.7m				16m				9.4×9.4				360°				144t				7m	
R/L/a		69.1			74.4			79.7			R/L/a												
		58.5			20°			0°					20°			40°							
16		21.5									16												
18		20.3						17.5			18												
20		19.1			17.2			16.4			20												
22		17.9			16.3			15.5			22												
24		16.9			15.5			14.5			24												
26		16			14.7			13.8			26												
28		15			13.9			13.2			28												
30		14			13.3			12.6			30												
32		13.1			12.7			12.1			32												
34		12.2			12.1			11.6			34												
36		11.3			11.4			11.1			36												
38		10.6			10.7			10.6			38												
40		9.9			10			10			40												
42		9.2			9.3			9.4			42												
44		8.6			8.7			8.8			44												
46		8			8.2			8.2			46												
48		7.5			7.6			7.7			48												
50		7			7.2			7.2			50												
52		6.6			6.7			6.8			52												
54		6.1			6.3			6.3			54												
56		5.7			5.9			5.9			56												
58		5.4			5.5			5.5			58												
60		4.9			5.1			5.2			60												
62		4.5			4.7			4.8			62												
64		4			4.3			4.4			64												
66		3.6			3.8			3.5			66												
68		3.2			3.4						68												
70		2.8			2.8						70												
72					2.3			2.5			72												
74								2			74												
Reeving		2			2			2			Reeving												
Wind speed		9m/s									Wind speed												
Hook		80t/ 40t/12t									Hook												
Telescoping mode	I	3			3			3			I	Telescoping mode											
	II	3			3			3			II												
	III	3			3			3			III												
	IV	3			3			3			IV												
	V	2			3			3			V												
	VI	2			2			3			VI												

Table 5-3-1 Main boom + 24m jib

Unit: t

 16.1m - 79.7m  24m  9.4×9.4  360°  144t  7m										
R/L/a	16.1			58.5			63.8			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
7	36.7									7
8	34.2									8
9	30.9									9
10	28.6									10
12	24.6	18.9								12
14	22.1	17.4								14
16	20.1	16	14.1	25						16
18	18.4	15	13.2	23.5			20.9			18
20	16.9	14	12.5	22.1			19.6			20
22	15.7	13.1	11.9	20.9	16.6		18.5			22
24	14.6	12.4	11.4	19.8	16		17.6	14.1		24
26	13.7	11.7	10.8	18.8	15.4	13.1	16.7	13.5		26
28	12.9	11.2	10.4	17.8	14.8	12.7	16	13	11.4	28
30	12.1	10.6	10.1	17	14.2	12.5	15.2	12.5	11	30
32	11.5	10.2		16.2	13.6	12.2	14.1	12	10.7	32
34	10.9	9.8		15.2	13.1	11.8	13.2	11.5	10.3	34
36	10.5			14.2	12.6	11.4	12.3	11.1	10	36
38				13.2	12.2	11.1	10.5	10.7	9.7	38
40				12.5	11.8	10.8	10.7	10.4	9.4	40
42				11.6	11.4	10.5	9.8	9.8	9	42
44				10.9	11.1	10.2	9	9.2	8.6	44
46				10.2	10.5	9.9	8.3	8.5	8.2	46
48				9.6	9.9	9.7	7.5	7.7	7.7	48
50				9	9.3	9.4	7	7.2	7.3	50
52				8.1	9.4	8.6	6.6	6.8	6.9	52
54				7.6	7.9	7.1	6.1	6.3	6.5	54
56				7.2	7.4	7.6	5.8	6	6.1	56
58				6.6	7	7.1	5.4	5.6	5.7	58
60				6	6.5	6.6	5	5.2	5.3	60
62				5.2	5.8	6	4.6	4.9	5	62
64				4.7	5.2	5.4	4.2	4.6	4.6	64
66				4.3	4.4	4.3	3.7	4.2	4.3	66
68				3.7	3.8		3.3	3.7		68
70				3.3	3.4		2.8	3.3		70
72				2.7			2.2			72
Reeving	4	2	2	2	2	2	2	2	1	Reeving
Wind speed	9m/s									Wind speed
Hook	40t/12t									Hook
Telescoping mode	I	1		3			3			I
	II	3		3			3			II
	III	1		2			3			III
	IV	3		2			2			IV
	V	1		2			2			V
	VI	1		2			2			VI
Telescoping mode										

Table 5-3-2 Main boom + 24m jib

Unit: t

 16.1m - 79.7m  24m  9.4×9.4  360°  144t  7m										
R/L/a	69.1			74.4			79.7			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
20	16.2			13.5						20
22	15.3			12.8			10			22
24	14.4			12.1			9.8			24
26	13.7	11.7		11.5	9.9		9.6			26
28	12.9	11.2		10.9	9.4		9.2	7.6		28
30	12.3	10.8	9.6	10.4	9	8.2	8.7	7.3		30
32	11.6	10.4	9.3	9.9	8.6	7.9	8.3	7	6.2	32
34	11	10	9	9.4	8.3	7.6	8	6.7	6	34
36	10.5	9.6	8.7	9	7.9	7.3	7.6	6.5	5.8	36
38	9.8	9.2	8.4	8.6	7.6	7	7.3	6.2	5.6	38
40	9.2	8.8	8.2	8.2	7.3	6.8	7	6	5.4	40
42	8.6	8.4	8	7.8	7	6.5	6.7	5.8	5.2	42
44	8	8.1	7.7	7.5	6.8	6.3	6.4	5.6	5.1	44
46	7.5	7.7	7.4	7.1	6.5	6.1	6.2	5.4	4.9	46
48	7	7.2	7.1	6.6	6.3	5.9	5.9	5.2	4.8	48
50	6.5	6.8	6.8	0.2	6	5.7	5.7	5	4.7	50
52	6.1	6.3	6.5	5.8	5.8	5.5	5.5	4.9	4.5	52
54	5.7	5.9	6.1	5.4	5.6	5.4	5.2	4.7	4.4	54
56	5.3	5.6	5.7	5	5.3	5.2	4.9	4.6	4.3	56
58	5	5.2	5.3	4.7	4.9	5	4.5	4.4	4.2	58
60	4.6	4.9	5	4.4	4.6	4.7	4.2	4.3	4.1	60
62	4.3	4.5	4.6	4.1	4.3	4.4	3.9	4.1	4	62
64	4	4.2	4.3	3.8	4	4.1	3.6	3.9	3.9	64
66	3.5	3.8	4	3.5	3.7	3.8	3.4	3.6	3.7	66
68	3	3.5	3.7	3.2	3.4	3.5	3.1	3.3	3.4	68
70	2.5	3.2	3.4	3	3.2	3.3	2.9	3	3	70
72	2	2.8		2.5	2.9	3		2.5		72
74		2.2			2.5			2		74
76					2					76
Reeving	2	1	1	2	1	1	1	1	1	Reeving
Wind speed	9m/s									Wind speed
Hook	40t/12t									Hook
Telescoping mode	I	3		3		3		3		I
	II	3		3		3		3		II
	III	3		3		3		3		III
	IV	3		3		3		3		IV
	V	2		3		3		3		V
	VI	2		2		3		3		VI

Table 5-4-1 Main boom + 32m jib

Unit: t

		16.1m - 79.7m				32m				9.4×9.4				360°				144t				7m	
R/L/a		16.1			58.5			63.8			R/L/a												
		0°	20°	40°	0°	20°	40°	0°	20°	40°													
8		26										8											
9		24										9											
10		22.2										10											
12		19.7										12											
14		17.7										14											
16		16	13.2									16											
18		14.6	12.3		17.5							18											
20		13.4	11.4		16.6			15				20											
22		12.4	10.6	9	15.6			14				22											
24		11.5	10	8.8	14.8			13				24											
26		10.8	9.4	8.5	14	11		12.1				26											
28		10	8.9	8.1	13.3	10.6		11.5	9.3			28											
30		9.4	8.4	7.7	12.7	10.2		11	8.9			30											
32		8.9	8	7.4	12.1	9.9	8	10.5	8.6			32											
34		8.4	7.7	7.1	11.5	9.5	7.9	10	8.2	7.2		34											
36		8	7.3	6.9	11	9.1	7.8	9.5	7.9	7		36											
38		7.5	7	6.5	10.5	8.8	7.7	9.1	7.6	6.8		38											
40		7.5	6.4		10	8.5	7.5	8.7	7.4	6.6		40											
42		6.8	5.5		9.4	7.9	7.1	8.4	7.1	6.4		42											
44		5.2			9	7.6	6.8	7.9	6.9	6.2		44											
46					8.5	7.3	6.6	7.4	6.6	6		46											
48					8.1	7.1	6.5	7	6.4	5.8		48											
50					7.6	6.8	6.3	6.5	6.2	5.6		50											
52					7	6.5	6	6.1	6	5.5		52											
54					6.4	6.2	5.8	5.7	5.8	5.3		54											
56					5.9	5.9	5.5	5.3	5.6	5.2		56											
58					5.6	5.7	5.4	5	5.3	5.1		58											
60					5.2	5.5	5.3	4.7	4.9	5		60											
62					4.9	5.1	5.1	4.3	4.6	4.8		62											
64					4.5	4.8	4.9	4.1	4.3	4.5		64											
66					4.1	4.5	4.6	3.8	4	4.2		66											
68					3.6	4.2	4.3	3.5	3.7	3.9		68											
70					3.3	3.8	4	3	3.5	3.6		70											
72					2.8	3.4		2.6	3.2	3.3		72											
74						3		2.2	3	3		74											
76						2.5			2.5			76											
Reeving		3	2	1	2	1	1	2	1	1		Reeving											
Wind speed		9m/s										Wind speed											
Hook		40t/12t										Hook											
Telescoping mode	I	1			3			3			I	Telescoping mode											
	II	1			3			3			II												
	III	1			2			3			III												
	IV	1			2			2			IV												
	V	1			2			2			V												
	VI	1			2			2			VI												

Table 5-4-2 Main boom + 32m jib

Unit: t

 16.1m - 79.7m  32m  9.4×9.4  360°  144t  7m										
R/L/a	69.1			74.4			79.7			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	12.5			10						22
24	12			9.7			7.8			24
26	11.3			9.2			7.4			26
28	10.8			8.7			7.1			28
30	10.3	8.5		8.3			6.7			30
32	9.9	8.1		7.9	6.6		6.4	5.2		32
34	9.4	7.8		7.5	6.4		6.1	5		34
36	9	7.5	6.6	7.2	6.2		5.8	4.7		36
38	8.6	7.2	6.4	6.8	5.9	5.2	5.5	4.5	4	38
40	8.2	7	6.2	6.5	5.7	5.1	5.2	4.4	3.8	40
42	7.7	6.7	6	6.2	5.4	5	5	4.2	3.7	42
44	7.3	6.5	5.8	5.9	5.2	4.8	4.8	4	3.6	44
46	6.9	6.3	5.7	5.6	5	4.6	4.6	3.8	3.4	46
48	6.5	6.1	5.5	5.4	4.8	4.4	4.4	3.7	3.2	48
50	6.1	5.9	5.3	5.2	4.6	4.3	4.2	3.6	3	50
52	5.7	5.7	5.2	5	4.4	4.1	4	3.5	2.8	52
54	5.3	5.4	5.1	4.7	4.3	4	3.8	3.3	2.6	54
56	4.9	5.2	4.9	4.4	4.1	3.9	3.7	3	2.4	56
58	4.6	4.9	4.8	4.1	4	3.7	3.6	2.8	2.2	58
60	4.3	4.6	4.6	3.8	3.8	3.6	3.4	2.6	2	60
62	4	4.3	4.4	3.5	3.7	3.5	3	2.4		62
64	3.7	4	4.2	3.2	3.5	3.4	2.5	2		64
66	3.4	3.7	3.9	3	3.3	3.3	2			66
68	3.1	3.4	3.6	2.5	3.1	3.1				68
70	2.8	3.2	3.3	2	2.8	3				70
72		2.9	3		2.5	2.5				72
74		2.5	2.5		2					74
76		2.2								76
Reeving	1	1	1	1	1	1	1	1	1	Reeving
Wind speed	9m/s									Wind speed
Hook	40t/12t									Hook
Telescoping mode	I	3		3		3		3		I
	II	3		3		3		3		II
	III	3		3		3		3		III
	IV	3		3		3		3		IV
	V	2		3		3		3		V
	VI	2		2		3		3		VI

Table 5-5-1 Main boom + 40m jib

Unit: t

 16.1m - 79.7m  40m  9.4×9.4  360°  144t  7m										
R/L/a	16.1			58.5			63.8			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	20.2									9
10	18.9									10
12	16.8									12
14	15.1									14
16	13.7									16
18	12.5									18
20	11.4	9.4		13.2						20
22	10	8.8		12.6			11.8			22
24	9.2	8.3		11.9			11.2			24
26	8.6	7.8		11.3			10.6			26
28	8	7.4	6.3	10.7			10.1			28
30	7.5	7	6	10.2	7.7		9.6			30
32	7	6.6	5.8	9.6	7.5		9.1	7.2		32
34	6.6	6.3	5.6	9.2	7.2		8.7	6.9		34
36	6.3	6	5.4	8.8	7		8.3	6.6		36
38	5.9	5.7	5.2	8.4	6.8	5.4	7.9	6.3		38
40	5.6	5.5	5.1	8	6.6	5.3	7.6	6.1	5.1	40
42	5.4	5.2	4.9	7.7	6.4	5.2	7.2	5.8	5	42
44	5	5	4.7	7.3	6.1	5.1	7	5.6	4.9	44
46	4.5	4.8	4.6	7	6	5	6.7	5.4	4.8	46
48	4	4.5		6.7	5.7	4.9	6.4	5.2	4.6	48
50	3.5			6.5	5.5	4.8	6.1	5	4.5	50
52				6.2	5.3	4.7	5.9	4.9	4.4	52
54				6	5.2	4.6	5.7	4.7	4.3	54
56				5.7	5	4.5	5.3	4.5	4.1	56
58				5.4	4.8	4.4	5	4.4	4	58
60				5	4.5	4.2	4.6	4.2	3.9	60
62				4.7	4.4	4	4.3	4.1	3.8	62
64				4.4	4.2	3.9	4	4	3.7	64
66				4.1	4.1	3.8	3.7	3.9	3.6	66
68				3.9	4	3.7	3.5	3.7	3.5	68
70				3.6	3.9	3.6	3.2	3.4	3.4	70
72				3.2	3.6	3.5	3	3.2	3.3	72
74					3.4	3.4		3	3.1	74
76					3			2.6	2.8	76
78					2.6			2.2		78
Reeving	2	1	1	2	1	1	1	1	1	Reeving
Wind speed	9m/s									Wind speed
Hook	40t/12t									Hook
Telescoping mode	I	1		3		3		3		I
	II	1		3		3		3		II
	III	1		2		3		3		III
	IV	1		2		2		2		IV
	V	1		2		2		2		V
	VI	1		2		2		2		VI

Table 5-5-2 Main boom + 40m jib

Unit: t

 16.1m - 79.7m  40m  9.4×9.4  360°  144t  7m										
R/L/a	69.1			74.4			79.7			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
24	9.6									24
26	9.1			7.5						26
28	8.7			7.1			5.6			28
30	8.3			6.8			5.3			30
32	7.9			6.4			5			32
34	7.5	6.2		6.1			4.8			34
36	7.2	5.9		5.8	5		4.5			36
38	6.9	5.7		5.5	4.7		4.3	3.4		38
40	6.6	5.5		5.2	4.5		4.1	3.3		40
42	6.3	5.2	4.6	5	4.3		3.9	3.2		42
44	6	5	4.5	4.7	4.1	3.8	3.7	3		44
46	5.8	4.9	4.3	4.6	4	3.6	3.5	2.9	2.5	46
48	5.6	4.7	4.2	4.3	3.8	3.4	3.3	2.8	2.4	48
50	5.3	4.5	4.1	4.1	3.6	3.3	3.2	2.6	2.3	50
52	5.1	4.4	3.9	3.9	3.5	3.2	3	2.5	2.2	52
54	4.8	4.2	3.8	3.4	3.3	3.1	2.7	2.4	2.1	54
56	4.5	4.1	3.7	3.2	3.2	3	2.5	2.3	2.1	56
58	4.2	3.9	3.6	3	3.1	2.8	2.3	2.2	2	58
60	3.9	3.8	3.5	2.8	2.9	2.7	2.1	2.1		60
62	3.6	3.7	3.4	2.6	2.8	2.6	2	2		62
64	3.4	3.6	3.3	2.4	2.7	2.5	1.9			64
66	3.1	3.5	3.2	2.2	2.6	2.4	1.8			66
68	2.9	3.2	3.1	2	2.5	2.2				68
70	2.6	3	3		2.2					70
72		2.7	2.8		2					72
74		2.5								74
76		2								76
Reeving	1	1	1	1	1	1	1	1	1	Reeving
Wind speed	9m/s									Wind speed
Hook	40t/12t									Hook
Telescoping mode	I	3		3		3		3		I
	II	3		3		3		3		II
	III	3		3		3		3		III
	IV	3		3		3		3		IV
	V	2		3		3		3		V
	VI	2		2		3		3		VI

Table 5-6-1 Main boom + 40m jib (upper luffing)

Unit: t

 16.1m - 79.7m  40m  9.4×9.4  360°  144t  7m										
R/L/a	16.1			58.5			63.8			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	21.2									9
10	20									10
12	17.6									12
14	15.8	13.5								14
16	14.3	13								16
18	12.9	11.9								18
20	11.8	11	10	15.1						20
22	10.9	10.3	9.8	14.3			12.5			22
24	10	9.5	9.1	13.5			12.2			24
26	9.3	8.9	8.5	12.8	11.2		11.6			26
28	8.7	8.3	8	12.1	10.7		11	9.7		28
30	8.1	7.8	7.5	11.4	10.2	9.4	10.5	9.3		30
32	7.6	7.3	7.1	10.8	9.7	9	9.9	8.9	8	32
34	7.1	6.8	6.8	10.3	9.3	8.6	9.5	8.5	7.8	34
36	6.7	6.5	6.4	9.8	8.9	8.3	9	8.1	7.6	36
38	6.3	6.1	6	9.3	8.5	8	8.6	7.8	7.3	38
40	6	5.8	5.7	8.9	8.1	7.7	8.2	7.5	7	40
42	5.6	5.5	5.5	8.5	7.8	7.4	7.8	7.2	6.8	42
44	5.3	5.2	5	8.1	7.5	7.1	7.5	6.9	6.5	44
46	5	4.8		7.8	7.2	6.8	7.2	6.6	6.3	46
48	4.5	4.5		7.5	6.9	6.5	6.9	6.3	6.1	48
50	4			7	6.7	6.2	6.6	6.1	5.8	50
52				6.5	6.1	5.8	6.3	5.9	5.6	52
54				6.2	5.8	5.6	6	5.7	5.4	54
56				6	5.6	5.4	5.6	5.4	5.2	56
58				5.7	5.4	5.2	5.2	5.2	5	58
60				5.4	5.2	5	4.8	5	4.8	60
62				5	5	4.8	4.5	4.8	4.6	62
64				4.7	4.8	4.6	4.2	4.5	4.4	64
66				4.4	4.6	4.4	3.9	4.1	4.2	66
68				4.1	4.3	4.2	3.6	3.9	4	68
70				3.7	4	3.9	3.2	3.6	3.7	70
72				3.2	3.6	3.6	3	3.3	3.4	72
74				2.5	3.3	3.2	2.5	3	3	74
76					3		2	2.6	2.5	76
78					2.5			2.2		78
Reeving	2	1	1	2	1	1	1	1	1	Reeving
Wind speed	9m/s									Wind speed
Hook	40t/12t									Hook
Telescoping mode	I	1		3		3		3		I
	II	1		3		3		3		II
	III	1		2		3		3		III
	IV	1		2		2		2		IV
	V	1		2		2		2		V
	VI	1		2		2		2		VI

Table 5-6-2 Main boom + 40m jib (upper luffing)

Unit: t

		16.1m - 79.7m				40m				9.4×9.4						144t				7m	
R/L/a		69.1			74.4			79.7			R/L/a										
		0°	20°	40°	0°	20°	40°	0°	20°	40°											
24		10.5										24									
26		10			8							26									
28		9.5			7.6			6				28									
30		9	8		7.2			5.7				30									
32		8.6	7.7		6.8	6		5.4				32									
34		8.2	7.4		6.4	5.8		5.1	4.5			34									
36		7.8	7.1	6.5	6.1	5.6		4.9	4.4			36									
38		7.5	6.8	6.3	5.8	5.4	5	4.6	4.2			38									
40		7.2	6.5	6.1	5.5	5.2	4.8	4.4	4	3.8		40									
42		6.8	6.3	5.9	5.3	5	4.6	4.2	3.8	3.6		42									
44		6.6	6	5.7	5	4.7	4.4	4	3.6	3.4		44									
46		6.3	5.8	5.5	4.8	4.5	4.2	3.8	3.4	3.2		46									
48		6	5.6	5.3	4.5	4.3	3.8	3.6	3.2	3		48									
50		5.7	5.3	5.1	4.3	4.1	3.6	3.4	3	2.8		50									
52		5.5	5.1	4.9	4.1	3.8	3.4	3.3	2.8	2.6		52									
54		5.1	4.8	4.6	3.9	3.6	3.2	3.1	2.6	2.4		54									
56		4.8	4.6	4.4	3.7	3.4	3	3	2.4	2.2		56									
58		4.4	4.4	4.2	3.5	3.2	2.8	2.8	2.2	2		58									
60		4.1	4.2	4	3.2	3	2.7	2.5	2.1			60									
62		3.8	3.9	3.8	3	2.8	2.6	2.2	2			62									
64		3.5	3.6	3.5	2.7	2.6	2.5	2				64									
66		3.3	3.4	3.2	2.4	2.4	2.4	1.8				66									
68		3	3.1	3	2.2	2.2	2.2					68									
70		2.8	2.8	2.8	2	2	2					70									
72		2.5	2.6	2.5		2						72									
74		2	2.3	2								74									
76			2									76									
Reeving		1	1	1	1	1	1	1	1	1		Reeving									
Wind speed		9m/s										Wind speed									
Hook		40t/12t										Hook									
Telescoping mode	I	3			3			3			I	Telescoping mode									
	II	3			3			3			II										
	III	3			3			3			III										
	IV	3			3			3			IV										
	V	2			3			3			V										
	VI	2			2			3			VI										

Table 5-7-1 Main boom + 48m jib (upper luffing)

Unit: t

			16.1m - 79.7m			48m			9.4×9.4			360°			144t			7m	
R/L/a	16.1			58.5			63.8			R/L/a									
	0°	20°	40°	0°	20°	40°	0°	20°	40°										
10	18										10								
12	16										12								
14	14.4										14								
16	12.9										16								
18	11.8										18								
20	10.7	9.9									20								
22	9.4	8.7		11.5							22								
24	8.6	8.1		10.7			10.1				24								
26	8	7.5	6.6	10.2			9.6				26								
28	7.4	7	6.1	9.6			9.1				28								
30	6.9	6.5	5.8	9.1			8.7				30								
32	6.4	6.1	5.1	8.6	7.6		8.3				32								
34	6	5.7	5.1	8.2	7.2		7.8	6.3			34								
36	5.6	5.4	4.8	7.8	6.9		7.4	6			36								
38	5.3	5.1	4.5	7.4	6.6	5.6	7.1	5.7			38								
40	5	4.8	4.3	7	6.3	5.4	6.8	5.5	5.1		40								
42	4.6	4.5	4.1	6.7	6	5.1	6.4	5.2	4.9		42								
44	4.4	4.3	3.9	6.4	5.8	4.9	6.1	5	4.7		44								
46	4.1	4.1	3.7	6.1	5.5	4.7	5.8	4.8	4.5		46								
48	3.8	3.9	3.5	5.8	5.3	4.6	5.6	4.6	4.3		48								
50	3.5	3.6	3.3	5.6	5.1	4.4	5.3	4.4	4.1		50								
52	3.2	3	2.5	5.3	4.7	4.2	4.9	4.2	3.9		52								
54	2.9	2.5		5.1	4.4	4	4.5	4	3.7		54								
56	2.6			4.8	4.2	3.9	4.2	3.8	3.5		56								
58				4.6	4	3.7	4	3.6	3.3		58								
60				4.4	3.7	3.5	3.8	3.4	3.1		60								
62				4.2	3.5	3.3	3.6	3.2	2.8		62								
64				4	3.4	3.1	3.4	3	2.5		64								
66				3.8	3.3	3	3.1	2.7	2.2		66								
68				3.5	3.2	2.8	2.8	2.4	2		68								
70				3.2	3.1	2.5	2.5	2.2			70								
72				3	3	2.2		2			72								
74				2.5	2.5	2					74								
76					2						76								
Reeving	2	1	1	1	1	1	1	1	1	Reeving									
Wind speed	9m/s										Wind speed								
Hook	40t/12t										Hook								
Telescoping mode	I	1		3		3		3		I	Telescoping mode								
	II	1		3		3		3		II									
	III	1		2		3		3		III									
	IV	1		2		2		2		IV									
	V	1		2		2		2		V									
	VI	1		2		2		2		VI									

Table 5-7-2 Main boom + 48m jib (upper luffing)

Unit: t

 16.1m - 79.7m  48m  9.4×9.4  360°  144t  7m										
R/L/a	69.1 58.5 20°			74.4			79.7			R/L/a
	0°		40°	0°	20°	40°	0°	20°	40°	
26	8									26
28	7.8									28
30	7.4			6						30
32	7			5.8			4			32
34	6.7			5.5			3.8			34
36	6.4	5.5		5.2			3.6			36
38	6.1	5.4		4.9			3.4			38
40	5.8	5.2		4.6	4.3		3.2	2.8		40
42	5.5	5	4.5	4.4	4.1		3	2.6		42
44	5.3	4.7	4.4	4.1	3.9		2.8	2.4		44
46	5	4.5	4.3	3.9	3.7	3.5	2.7	2.2		46
48	4.8	4.3	4.1	3.7	3.5	3.4	2.5	2		48
50	4.6	4.2	3.9	3.5	3.3	3.2	2.4	1.8		50
52	4.4	4	3.7	3.3	3.1	3.1	2.3			52
54	4.2	3.8	3.5	3.1	2.8	2.9	2.2			54
56	4	3.6	3.3	3	2.6	2.7	2			56
58	3.8	3.4	3	2.8	2.4	2.5				58
60	3.6	3.1	2.7	2.6	2.2	2.2				60
62	3.4	2.8	2.4	2.4	2					62
64	3	2.5	2	2						64
66	2.6	2.2								66
68	2.4									68
Reeving	1	1	1	1	1	1	1	1	1	Reeving
Wind speed	9m/s									Wind speed
Hook	40t/12t									Hook
Telescoping mode	I	3		3		3		3		I
	II	3		3		3		3		II
	III	3		3		3		3		III
	IV	3		3		3		3		IV
	V	2		3		3		3		V
	VI	2		2		3		3		VI

Unit: t

		16.1m - 74.4m				56m				9.4×9.4						144t				7m	
R/L/a		16.1			58.5			63.8			R/L/a										
		0°	20°	40°	0°	20°	40°	0°	20°	40°											
12		12.5										12									
14		11.6										14									
16		10.5										16									
18		9.5										18									
20		8.7										20									
22		8										22									
24		7.3	7									24									
26		6.8	6.4		8							26									
28		6.3	6		7.7			7				28									
30		5.9	5.6		7.3			6.6				30									
32		5.5	5.2		6.9			6.3				32									
34		5.1	4.9	4.8	6.6			6				34									
36		4.8	4.6	4.5	6.2	5.3		5.7				36									
38		4.5	4.3	4.3	5.9	5		5.4	4.5			38									
40		4.2	4.1	4	5.6	4.8		5.1	4.3			40									
42		4	3.9	3.8	5.1	4.6		4.9	4.1			42									
44		3.7	3.6	3.6	4.8	4.4	4	4.7	3.9			44									
46		3.5	3.4	3.4	4.6	4.2	3.9	4.4	3.7			46									
48		3.3	3.3	3.2	4.4	4	3.7	4.2	3.6	3.4		48									
50		3.1	3.1	3.1	4.2	3.8	3.6	4	3.4	3.2		50									
52		3	2.9	2.9	3.9	3.5	3.3	3.7	3.3	3.1		52									
54		2.8	2.7	2.7	3.6	3.3	3.1	3.4	3.2	3		54									
56		2.4	2.5	2.5	3.4	3.2	3	3.2	3	2.8		56									
58			2.3	2.3	3.3	3	2.9	3.1	2.9	2.7		58									
60			2	2	3.1	2.9	2.7	3	2.7	2.6		60									
62				1.8	3	2.8	2.6	2.8	2.5	2.4		62									
64					2.8	2.7	2.4	2.7	2.3	2.2		64									
66					2.7	2.5	2.3	2.6	2.1	2		66									
68					2.6	2.4	2	2.5	2			68									
70					2.5	2.3		2.3				70									
72					2.4			2				72									
Reeving		1	1	1	1	1	1	1	1	1	Reeving										
Wind speed		9m/s									Wind speed										
Hook		12t									Hook										
Telescoping mode	I	1			3			3			I	Telescoping mode									
	II	1			3			3			II										
	III	1			2			3			III										
	IV	1			2			2			IV										
	V	1			2			2			V										
	VI	1			2			2			VI										

Table 5-8-2 Main boom + 56m jib (upper luffing)

Unit: t

 16.1m - 74.4m  56m  9.4×9.4  360°  144t  7m										
R/L/a	69.1 58.5 20°			74.4			79.7			R/L/a
	0°		40°	0°	20°	40°	0°	20°	40°	
30	5.8									30
32	5.5									32
34	5.2			4.2						34
36	5			4						36
38	4.7			3.7						38
40	4.5			3.5						40
42	4.3	3.9		3.3						42
44	4.1	3.7		3.1						44
46	3.9	3.5		3						46
48	3.7	3.4		2.8						48
50	3.6	3.2	2.8	2.6						50
52	3.4	3.1	2.7	2.5						52
54	3.2	3	2.6	2.3						54
56	3	2.8	2.5	2.2						56
58	2.8	2.6	2.4	2						58
60	2.6	2.4	2.3	2						60
62	2.4	2.2	2.2							62
64	2.2	2	2							64
66	2.1									66
68	2									68
Reeving	1	1	1	1	1	1	1	1	1	Reeving
Wind speed	9m/s									Wind speed
Hook	12t									Hook
Telescoping mode	I	3		3		3		3		I
	II	3		3		3		3		II
	III	3		3		3		3		III
	IV	3		3		3		3		IV
	V	2		3		3		3		V
	VI	2		2		3		3		VI

Lifting capacity tables / Lifting height charts

Main boom + Superlift + Fixed jib: 12m-62m

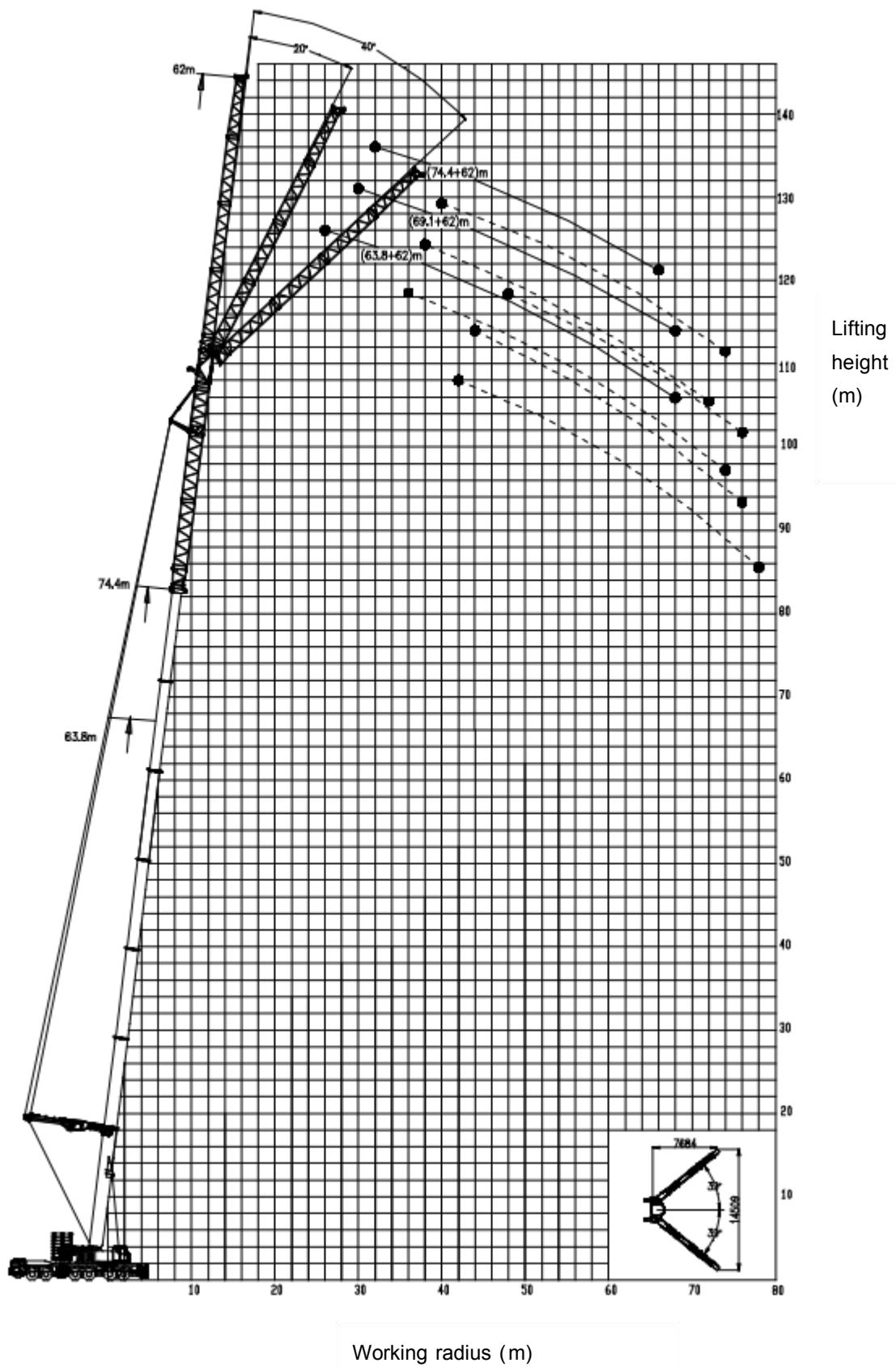


Table 6-1 Main boom + Superlift + 12m jib

Unit: t

63.8m - 85m  12m 9.4×9.4 360° 144t 7m									
R/L/a	63.8	69.1	74.4	79.7	82.7	85	R/L/a		
	0°	0°	0°	0°	0°	0°			
10	64						10		
12	62	50.4					12		
14	61	48.2	44				14		
16	58	47.4	42.2	34			16		
18	55	44.9	40	33.6	30	27.5	18		
20	52	42.6	37.6	32	29.5	26.9	20		
22	48	40.5	35.6	30.5	28.4	25.9	22		
24	44	38.5	33.7	29.4	26.9	24.7	24		
26	39	36.5	32.9	27.9	25.6	23.5	26		
28	34.6	34.5	30.4	26.6	24.5	22.4	28		
30	30.8	31.2	28.8	25.3	23.3	21.5	30		
32	27.7	28	27.5	24.2	22.4	20.6	32		
34	24.9	25.2	25.7	23.2	21.4	19.6	34		
36	22.5	22.8	23.2	22.2	20.5	18.9	36		
38	20.4	20.7	21.1	21	19.7	18.2	38		
40	18.5	18.7	19.2	18.5	18.3	17.1	40		
42	16.8	17.1	17.5	16.8	16.7	15.6	42		
44	15.4	15.6	16	15.4	15.2	14.3	44		
46	14	14.2	14.6	14.1	14	13	46		
48	13.7	13	13.3	12.9	12.8	11.9	48		
50	11.8	11.8	12.2	11.9	11.7	10.9	50		
52	10.6	10.8	11.2	10.9	10.7	10	52		
54	9.6	9.9	10.2	10	9.8	9.2	54		
56	8.8	9	9.4	9.1	8.9	8.4	56		
58	8	8.1	8.5	8.4	8.2	7.7	58		
60	7.2	7.4	7.8	7.7	7.5	7	60		
62	6.2	6.5	6.7	7	6.8	6.4	62		
64	5.3	5.5	5.8	6.2	6	5.8	64		
66	4.8	4.9	5.3	5.6	5.5	5.3	66		
68	4	4.2	4.5	4.5	4.7	4.6	68		
70	3.3	3.5	3.7	4	4	4	70		
72	2.5	3	3.3	3.4	3.5	3.4	72		
74			2.5	2.8	3	3	74		
76			2	2	2	2	76		
Reeving	6	6	4	4	4	4	Reeving		
Wind speed	9m/s						Wind speed		
Hook	80t/ 40t						Hook		
Telescoping mode	I	3	3	3	3	4	4	I	Telescoping mode
	II	3	3	3	3	4	4	II	
	III	3	3	3	3	4	4	III	
	IV	2	3	3	3	3	4	IV	
	V	2	2	3	3	3	4	V	
	VI	2	2	2	3	3	4	VI	

Table 6-2 Main boom + Superlift + 18m jib

Unit: t

63.8m - 85m  18m 9.4×9.4 360° 144t 7m									
R/L/a	63.8	69.1	74.4	79.7	82.7	85	R/L/a		
	0°	0°	0°	0°	0°	0°			
12	50	42					12		
14	47.1	41.5	35				14		
16	44.8	41	35	28			16		
18	42.7	40.8	34	28	26	25	18		
20	40.5	39.1	33	27.8	26	25	20		
22	38.3	37.2	32.2	27.2	26	25	22		
24	35.3	34.4	30.5	26.9	25.7	24	24		
26	33.5	32.7	28.8	25.6	24.4	23	26		
28	31.9	31	27.5	24.4	23.3	22	28		
30	28.6	28.9	26.1	23.3	22.3	21	30		
32	25.5	25.8	24.8	22.1	21.3	20.2	32		
34	22.9	23.1	23.5	21.2	20.4	19.3	34		
36	20.6	20.7	21.2	20.3	19.5	18.5	36		
38	18.6	18.7	19.1	19.4	18.7	17.7	38		
40	16.8	16.9	17.2	17.8	17.2	16.5	40		
42	15.2	15.3	15.6	16.1	15.5	14.9	42		
44	13.8	13.9	14.2	14.7	14.1	13.5	44		
46	12.5	12.6	12.8	13.3	12.7	12.3	46		
48	11.3	11.4	11.6	12.1	11.6	11.1	48		
50	10.2	10.3	10.6	11	10.5	10.1	50		
52	9	9.1	9.3	9.7	9.5	9.2	52		
54	8	8.2	8.5	8.6	8.6	8.3	54		
56	7.3	7.4	7.6	7.7	7.8	7.5	56		
58	6.6	6.6	6.9	6.9	7	6.8	58		
60	5.6	5.7	5.9	6	6.1	6	60		
62	5	5	5.3	5.3	5.4	5.3	62		
64	4.4	4.4	4.7	4.7	4.8	4.6	64		
66	3.9	3.9	4	4.1	4.2	4	66		
68	3.3	3.5	3.5	3.6	3.8	3.5	68		
70	2.5	2.5	2.5	3	3.2	3	70		
72				2	2.2	2.5	72		
Reeving	6	6	4	4	4	4	Reeving		
Wind speed	9m/s						Wind speed		
Hook	80t/ 40t						Hook		
Telescoping mode	I	3	3	3	3	4	4	I	Telescoping mode
	II	3	3	3	3	4	4	II	
	III	3	3	3	3	4	4	III	
	IV	2	3	3	3	3	4	IV	
	V	2	2	3	3	3	4	V	
	VI	2	2	2	3	3	4	VI	

Table 6-3 Main boom + Superlift + 22m jib

Unit: t

 63.8m - 79.7m  22m  9.4x9.4  360°  144t  7m													
R/L/a	63.8			69.1			74.4			79.7			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	44												12
14	43			40									14
16	42	31.6		39			32						16
18	39.9	30.2		38.1	28.6		32			25			18
20	38.1	29	24.5	36.5	28.1		31.5	25.2		25			20
22	36.3	27.9	23.7	35	26.3	22.1	30	24.4		24.5	20.5		22
24	34.6	26.8	23	33.5	25.3	21.5	28.4	23.6	20	24	20.2		24
26	32.8	25.8	22.2	30.7	24.5	20.8	27	2.6	19.3	22.9	19.2	16	26
28	31.2	24.9	21.6	29.3	23.8	20.3	25.6	21.5	18.8	21.8	18.7	15.5	28
30	29.7	24.1	21	27.2	23	19.7	24.4	20.5	18.4	20.8	17.6	14.9	30
32	26	23.3	20.5	26	22.2	19.2	23.1	19.6	17.6	19.9	16.8	14.3	32
34	23.3	22.4	19.9	23.5	21.4	18.7	22	18.8	16.9	19	16.2	13.8	34
36	21	21.6	19.4	21.1	20.7	18.3	21	18	16.2	18.2	15.5	13.3	36
38	19	20.2	18.8	19.1	19.9	17.7	19.4	17.2	15.6	17.3	15	12.8	38
40	17.1	18.2	18.3	17.1	17.2	17.2	17.6	16.6	15.1	16.7	14.4	12.4	40
42	15.5	16.6	16.6	15.6	15.8	16.3	15.5	15.9	14	16	13.8	12	42
44	14	15	15.1	14.2	14.3	14.8	14.1	14.4	13.6	14.5	13.3	11.6	44
46	12.7	13.6	13.7	12.6	12.8	13.4	12.8	13.1	12.7	13	12.9	11.3	46
48	10.7	11.4	11.5	10.9	11.1	11.7	10.9	11.3	11.5	11.3	11.8	10.9	48
50	9	9.7	9.7	9.1	9.8	10.2	9.3	10	10.5	9.6	10.4	10.6	50
52	8.2	8.8	8.8	8.2	8.9	9.3	8.5	9.1	9.5	8.8	9.4	9.9	52
54	7.4	7.9	7.9	7.4	8	8.4	7.6	8.3	8.6	7.9	8.6	9	54
56	6.7	7.2	7.2	6.7	7.3	7.6	6.9	7.5	7.9	7.2	7.8	8.2	56
58	6	6.5	6.5	6.1	6.6	6.9	6.2	6.8	7.1	6.5	7.1	7.4	58
60	5.4	5.8	5.8	5.5	5.9	6.2	5.6	6.1	6.4	5.9	6.4	6.8	60
62	4.8	5.2	5.2	4.9	5.3	5.6	5	5.5	5.8	5.3	5.8	6.1	62
64	4.3	4.7	4.5	4.3	4.7	5	4.5	4.9	5.2	4.8	5.2	5.5	64
66	3.8	4.1		3.8	4.2	4.4	4	4.4	4.6	4.3	4.7	4.9	66
68	3.4	3.7		3.4	3.7		3.5	3.9	4.1	3.8	4.2	4.4	68
70	2.9	3		2.8	3		3.1	3.4		3.4	3.7	3.8	70
72	2	2.2		2	2.5		2.7	3		2.9	3.3		72
74		1.9			2		2.3	2.5		2.5	2.9		74
76							1.9			2			76
Reeving	4	4	2	4	4	2	4	2	2	2	2	2	Reeving
Wind speed	9m/s												Wind speed
Hook	40t												Hook
Telescoping mode	I	3		3		3		3		3		I	Telescoping mode
	II	3		3		3		3		3		II	
	III	3		3		3		3		3		III	
	IV	2		3		3		3		3		IV	
	V	2		2		3		3		3		V	
	VI	2		2		2		3		3		VI	

Table 6-4 Main boom + Superlift + 30m jib

Unit: t

 63.8m - 79.7m  30m  9.4×9.4  360°  144t  7m													
R/L/a	63.8			69.1			74.4			79.7			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	33.2												14
16	32			27.2									16
18	29.5			27			22.2						18
20	29	20.2		26.5			22			18			20
22	27.6	19.6		25.8	19.5		21.8			17.8			22
24	26.2	18.8		24.7	18.8		21.6	18.2		17.6			24
26	25	18.1	14.8	23.6	18.1	14.4	21.3	17.6		17.4	14.8		26
28	23.9	17.4	14.4	22.6	17.5	14.2	21	17.1	13.9	17.2	14.4		28
30	22.9	16.8	14	21.7	16.9	13.9	20.5	16.6	13.6	17	14.1	11.4	30
32	21.9	16.3	13.7	20.8	16.4	13.7	19.6	16	13.3	16.3	13.8	11.2	32
34	21	15.7	13.5	20	15.9	13.3	18.7	15.6	13	15.5	13.3	11	34
36	20	15.3	13.2	19.2	15.5	13	17.8	15.1	12.7	14.6	12.7	10.9	36
38	19.3	14.7	12.9	18.5	15	12.6	17	14.6	12.3	14.2	12.2	10.5	38
40	17.5	14.3	12.6	17.7	14.5	12.3	16.2	14.2	12	13.6	11.7	10.2	40
42	15.8	13.8	12.2	16	14.1	12	15.5	13.7	11.8	13	11.3	9.8	42
44	14.4	13.3	12	14.5	13.7	11.8	14.8	13.1	11.5	12.4	10.9	9.5	44
46	13.1	12.8	11.7	13.1	13.3	11.5	13.4	13	11.3	11.9	10.5	9.2	46
48	11.9	12.2	11.5	11.9	12.8	11.3	12.2	12.5	10.9	11.4	10.1	9	48
50	10.4	11.4	11.3	10.4	11.9	11.1	10.7	11.7	10.6	10.9	9.7	8.7	50
52	9.4	10.4	11	9.5	10.8	10.8	9.7	11.1	10.2	10	9.4	8.4	52
54	8.5	9.4	10.5	8.5	9.8	10.2	8.7	10	9.9	9.1	9.1	8.2	54
56	7.7	8.5	9.5	7.7	8.9	9.2	8	9.1	9.5	8.2	8.8	7.9	56
58	7	7.7	8.6	7	8	8.3	7.1	8.3	8.6	7.4	8.5	7.6	58
60	6	6.8	7.4	6	6.9	7.6	6.1	7.1	7.8	6.4	7.4	7.4	60
62	5.4	6.2	6.7	5.4	6.3	6.8	5.5	6.4	7	5.7	6.7	7.2	62
64	4.8	5.6	6	4.8	5.6	6	4.9	5.7	6.3	5.1	6.1	6.6	64
66	4.2	5	5	4.2	5	5.2	4.3	5.2	5.4	4.6	5.4	6	66
68	3.7	4.4	4.2	3.7	4.4	4.2	3.8	4.6	4.8	4	4.8	5	68
70	3	3.6	3.2	3	3.5	3.4	3.1	3.7	3.6	3.3	4	4	70
72	2.6	3.1		2.6	3	2.8	2.7	3.3	3.2	2.8	3.5	3.3	72
74	2.2	2.5		2.1	2.5		2.2	2.8	2.5	2.4	3	2.8	74
76		2.2			2		1.8	2.4		2	2.5	2.2	76
78								2			2		78
Reeving	3	2	2	3	2	2	2	2	2	2	2	1	Reeving
Wind speed	9m/s												Wind speed
Hook	40t												Hook
Telescoping mode	I	3		3		3		3		3		I	Telescoping mode
	II	3		3		3		3		3		II	
	III	3		3		3		3		3		III	
	IV	2		3		3		3		3		IV	
	V	2		2		3		3		3		V	
	VI	2		2		2		3		3		VI	

Table 6-5 Main boom + Superlift + 38m jib

Unit: t

 63.8m - 79.7m  38m  9.4×9.4  360°  144t  7m													
R/L/a	63.8			69.1			74.4			79.7			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	24.4												16
18	23.5			22									18
20	22.7			21.4			18.8						20
22	21.8			20.8			18.3			15			22
24	20.7	13		20.1			17.8			14.7			24
26	19.7	12.6		19.1	12.6		17.4			14.3			26
28	18.8	12.3		18.2	12.3		16.7	11.8		13.9			28
30	17.9	12	9	17.4	12		15.9	11.6		13.5	9.6		30
32	17.2	11.6	8.9	16.7	11.5	8.8	15.3	11.3		13.2	9.3		32
34	16.4	11.3	8.7	16.1	11.2	8.7	14.7	10.9	8	12.7	9.1		34
36	15.7	11	8.6	15.4	10.8	8.6	14.2	10.6	7.9	12	9	6.2	36
38	14.8	10.7	8.5	14.6	10.6	8.4	13.7	10.3	7.8	11.5	8.7	6.1	38
40	13.9	10.4	8.4	13.7	10.2	8.4	13.2	10	7.7	11	8.5	6	40
42	13	10.1	8.2	13	9.9	8.2	12.6	9.7	7.6	10.5	8.2	5.9	42
44	12.2	9.8	8.1	12.4	9.6	8.1	12	9.4	7.5	10	8	5.8	44
46	11.6	9.5	8	11.8	9.3	8	11.6	9.1	7.4	9.6	7.7	5.7	46
48	11	9	7.9	11.2	9.1	7.9	11	8.6	7.2	9	7.1	5.6	48
50	10.5	8.6	7.8	10.6	8.8	7.8	10.6	7.9	7	8.4	6.5	5.4	50
52	9.6	8.4	7.7	9.6	8.6	7.7	9.8	7.7	6.9	7.9	6.3	5.2	52
54	8.7	8.2	7.6	8.7	8.4	7.5	8.9	7.5	6.8	7.5	6.1	5.1	54
56	7.9	8	7.4	7.9	8.1	7.3	8	7.3	6.5	7.2	5.8	4.9	56
58	7.1	7.6	7.2	7.1	7.8	7.2	7.2	7	6.1	7	5.7	4.8	58
60	6.4	7.2	7	6.4	7.3	7.1	6.5	6.8	5.8	6.4	5.4	4.6	60
62	5.8	6.5	6.8	5.7	6.6	6.9	5.9	6.2	5.7	5.7	5.3	4.5	62
64	5.2	5.9	6.4	5.2	5.9	6.7	5.2	5.6	5.5	5.1	5.1	4.4	64
66	4.6	5.3	6	4.6	5.4	6	4.7	5.1	5.3	4.6	5	4.2	66
68	4.2	4.8	5.4	4	4.8	5.3	4.1	4.6	4.8	4.1	4.8	4.1	68
70	3.3	4.2	4.8	3.3	4.3	4.6	3.4	4.1	4.3	3.6	4.3	4	70
72	2.8	3.5	4	2.8	3.5	4	2.9	3.6	3.8	3	3.8	3.9	72
74	2.5	3	3.2	2.5	3	3.5	2.5	3	3.4	2.5	3.4	3.6	74
76	2	2.5		2	2.4	3	2.1	2.5	3	2	3	3.2	76
78		2.2			2			2	2.5		2.5	2.5	78
80												2	80
Reeving	2	2	1	2	1	1	2	1	1	2	1	1	Reeving
Wind speed	9m/s												Wind speed
Hook	40t												Hook
Telescoping mode	I	3		3		3		3		3		I	Telescoping mode
	II	3		3		3		3		3		II	
	III	3		3		3		3		3		III	
	IV	2		3		3		3		3		IV	
	V	2		2		3		3		3		V	
	VI	2		2		2		3		3		VI	

Table 6-6 Main boom + Superlift + 46m jib (rear luffing)

Unit: t

			63.8m - 79.7m					46m			9.4×9.4				144t			7m	
R/L/a		63.8			69.1			74.4			79.7			R/L/a					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°						
18		18.6															18		
20		18			17												20		
22		17.3			16.4			14.2									22		
24		16.6			15.8			13.9			10.8						24		
26		16			15.2			13.5			10.5						26		
28		14.6			14			13.1			10.1						28		
30		13.9	9.3		13.4			12.7			9.8						30		
32		13.2	9.1		12.8	9.1		12.4			9.5						32		
34		12.6	8.8		12.3	8.8		11.8	8.5		9.2						34		
36		12.1	8.6		11.8	8.6		11.4	8.2		8.8	6.2					36		
38		11.6	8.3	6.4	11.3	8.4		10.9	8		8.5	6					38		
40		11.1	8.1	6.3	10.9	8.1	6.3	10.4	7.9		8.1	5.8					40		
42		10.6	7.9	6.2	10.4	7.8	6.2	9.9	7.7	5.7	7.7	5.6					42		
44		10.1	7.7	6.1	10	7.6	6.1	9.4	7.4	5.6	7.4	5.4	4.2				44		
46		9.7	7.5	6	9.5	7.4	6	9	7.2	5.4	7	5.3	4				46		
48		9.2	7.2	5.9	9.1	7.1	5.8	8.5	7	5.2	6.6	5.1	3.8				48		
50		8.8	6.9	5.6	8.6	6.8	5.6	7.9	6.6	5	6.2	4.8	3.5				50		
52		7.8	6.6	5.4	7.8	6.4	5.4	7.4	6.2	4.8	5.9	4.4	3				52		
54		6.9	6.4	5.2	6.9	6.2	5.2	6.7	6	4.6	5.5	4	2.5				54		
56		6.1	6.1	5.1	6	5.9	5.1	5.5	5.7	4.4	4.9	3.6	2				56		
58		5.4	5.8	5.1	5.3	5.7	5	4.5	5.5	4.2	4.4	3.2					58		
60		4.6	5.4	5	4.5	5	4.9	3.8	4.8	4	4	2.8					60		
62		4	5	5	3.9	4.8	4.8	3.2	4.6	3.8	3	2.4					62		
64		3.2	4.5	4.8	3.2	4.4	4.7	2.7	4.4	3.6		2					64		
66		2.5	4	4.5	2.5	3.8	4.6	2.3	4	3.4							66		
68			3.5	4.2	1.8	3.3	4.4		3.4	3							68		
70			3	3.8		2.8	3.8		2.9	2.5							70		
72			2.5	3.3		2.4	3.2			2							72		
74			2	2.8		2	2.5										74		
76				2			2										76		
Reeving		2	1	1	2	1	1	2	1	1	1	1	1				Reeving		
Wind speed		9m/s												Wind speed					
Hook		40t												Hook					
Telescoping mode	I	3			3			3			3			I	Telescoping mode				
	II	3			3			3			3			II					
	III	3			3			3			3			III					
	IV	2			3			3			3			IV					
	V	2			2			3			3			V					
	VI	2			2			2			3			VI					

Table 6-7 Main boom + Superlift + 46m jib (front luffing)

Unit: t

63.8m - 79.7m 46m 9.4×9.4 360° 144t 7m															
R/L/a		63.8			69.1			74.4			79.7			R/L/a	
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
20		22											20		
22		22			19								22		
24		22	19		19			16					24		
26		21.3	18		19	17.5		16			12		26		
28		20.4	17	14	19	17		16			12		28		
30		19.6	16	13.8	18.9	16.6	13.6	16	14.5		12.5		30		
32		18.2	15	13.6	17.6	15.6	13.4	16	14.3		13	10.4	32		
34		17.3	14.6	13.4	16.9	15	13.2	15.6	13.9	11.7	12.8	10.2	34		
36		16.4	14.2	13.2	16.1	14.5	12.8	15	13.4	11.4	12.4	10	8.4	36	
38		15.7	14	12.8	15.4	14	12.5	14.2	12.8	11.1	11.7	9.8	8.2	38	
40		14.9	13.7	12.4	14.7	13.4	12.1	13.6	12.2	10.8	11.1	9.5	8	40	
42		14.2	13.2	12	14	12.9	11.7	12.9	11.7	10.5	10.6	9.1	7.9	42	
44		12.8	12.5	11.5	12	12.4	11.3	12.3	11.1	10	10.1	8.7	7.6	44	
46		11.4	12.1	11.1	11.5	11.9	10.8	11.6	10.6	9.6	9.6	8.2	7.3	46	
48		10.1	11.6	10.6	10.1	11.5	10.4	10.3	10.2	9.1	9.1	7.9	7	48	
50		9	10.8	10.2	8.9	10.6	10	9	8.7	8.7	8.7	7.6	6.6	50	
52		7.8	9.7	9.7	7.8	9.6	9.7	8	9.2	8.4	8	7.2	6.4	52	
54		6.9	8.3	8.7	6.8	8.6	8.6	7	7.8	8	6.9	6.9	6.1	54	
56		6	7.4	7.7	6	7.5	7.8	6	6.9	7.6	6	6.6	5.8	56	
58		5.3	6.5	6.7	5.1	6.2	6.9	5.2	6	7	5.2	6.3	5.6	58	
60		4.5	5.5	5.9	4.4	5.4	6	4.4	5.2	6.2	4.2	5	5.4	60	
62		3.8	5	5.1	3.6	4.8	5.3	3.6	4.5	5.4	3.5	4.4	4.6	62	
64		3	4.4	4.4	3	4	4.6	3	3.9	4.7	2.9	3.7	4.1	64	
66		2.5	3.6	3.7	2.5	3	3.9	2.2	3.2	4	2	3.2	3.6	66	
68		2	3	3.1		2.5	3.2		2.5	3		2.5	3	68	
70			2.2	2.5		2	2.8			2			2.5	70	
72				2			2							72	
Reeving		2	2	2	2	2	2	2	2	1	1	1	1	Reeving	
Wind speed		9m/s												Wind speed	
Hook		40t												Hook	
Telescoping mode	I	3			3			3			3			I	Telescoping mode
	II	3			3			3			3			II	
	III	3			3			3			3			III	
	IV	2			3			3			3			IV	
	V	2			2			3			3			V	
	VI	2			2			2			3			VI	

Table 6-8 Main boom + Superlift + 54m jib (front luffing)

Unit: t

63.8m - 79.7m54m9.4×9.4360°144t7m															
R/L/a		63.8			69.1			74.4			79.7			R/L/a	
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
22		18												22	
24		17.2			15.8									24	
26		16.8			15.5									26	
28		16.5			15.2			13						28	
30		15.6	11.8		14.8			13			9			30	
32		15	11.6		14.4	11.2		13			9			32	
34		14.4	11.4		14	11.1		13			9			34	
36		13.9	11.1	8.8	13.6	10.8		12.8	10		9	8		36	
38		13.3	10.8	8.7	13	10.4	8.7	12.3	9.9		9	7.7		38	
40		12.7	10.4	8.6	12.5	10.1	8.6	11.7	9.7	8.5	9	7.6		40	
42		12	10	8.5	11.8	9.8	8.5	11.1	9.4	8.4	9	7.4	6.7	42	
44		11.6	9.7	8.4	11.4	9.5	8.3	10.6	9.1	8.2	8.8	7.3	6.6	44	
46		11	9.4	8.3	10.8	9.2	8.2	10.1	8.9	8	8.5	7.1	6.5	46	
48		10.5	9	8.1	10.4	8.8	8	9.6	8.5	7.8	8	6.9	6.4	48	
50		9.5	8.6	8	9.6	8.4	7.8	9.1	8.1	7.6	7.6	6.6	6.2	50	
52		8.2	8.3	7.9	8.3	8.1	7.6	8.3	7.7	7.4	6.9	6.3	6	52	
54		7	8	7.6	7.1	7.8	7.4	7.2	7.4	7.2	6.6	6	5.8	54	
56		6.2	7.4	7.1	6.1	7.3	7	6.2	6.8	6.7	6.2	5.7	5.5	56	
58		5.4	6.7	6.5	5.3	6.6	6.4	5.3	6.2	6.1	5.7	5.4	5.2	58	
60		4.7	5.9	6.3	4.5	5.9	6.2	4.6	6	5.8	4.8	5	4.6	60	
62		3.8	4.7	5.5	3.7	4.7	5.4	3.8	5	5.1	3.9	4.5	4.2	62	
64		3.2	4.1	5.1	3.1	4.1	5.2	3.1	4.3	4.8	3.3	4	3.8	64	
66		2.6	3.6	4.5	2.5	3.6	4.5	2.3	3.7	4.6	2.5	3.5	3.4	66	
68		2.2	3	3.9	2	3.1	4	2	3.1	4	2	3	3	68	
70			2.6	3.4		2.6	3.4		2.6	3.2		2.5	2.6	70	
72			2.1	2.9		2.1	2.9		2.2	2.5			2.3	72	
74				2.3			2.2			2			2	74	
Reeving		2	1	1	2	1	1	2	1	1	1	1	1	Reeving	
Wind speed		9m/s												Wind speed	
Hook		40t												Hook	
Telescoping mode	I	3			3			3			3			I	Telescoping mode
	II	3			3			3			3			II	
	III	3			3			3			3			III	
	IV	2			3			3			3			IV	
	V	2			2			3			3			V	
	VI	2			2			2			3			VI	

Table 6-9 Main boom + Superlift + 62m jib (front luffing)

Unit: t

 63.8m - 74.4m  62m  9.4×9.4  360°  144t  7m										
R/L/a	63.8			69.1			74.4			R/L/a
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
26	14									26
28	13.2									28
30	12.6			12						30
32	12			11.4			9			32
34	11.5			10.8			9			34
36	11.2	7.6		10.6			9			36
38	10.7	7.4		10.3	7.2		9			38
40	10.2	7.2		10	7		9	6.8		40
42	9.8	7	6	9.6	6.8		9	6.6		42
44	9.5	6.8	5.8	9.2	6.6	5.6	8.8	6.4		44
46	9.1	6.6	5.6	8.9	6.4	5.4	8.4	6.2		46
48	8.7	6.4	5.4	8.5	6.2	5.2	8	6	5.4	48
50	8.3	6.2	5.2	8.2	6	5	7.7	5.8	5.2	50
52	7.9	6	5	7.8	5.8	4.8	7.3	5.6	5	52
54	7.6	5.8	4.8	7.4	5.6	4.6	7	5.4	4.8	54
56	6.8	5.6	4.6	6.9	5.4	4.4	6.6	5.2	4.6	56
58	6	5.4	4.4	5.9	5.2	4.2	6	5	4.4	58
60	5.2	5.2	4.2	5	5	4	5.2	4.8	4.2	60
62	4.5	5	4.1	4.2	4.8	3.9	4.5	4.6	4	62
64	4	4.8	4	3.6	4.6	3.8	3.8	4.4	3.8	64
66	3.2	4.6	3.9	2.8	4.4	3.7	3	4	3.5	66
68	2.5	4.2	3.8	2.2	4	3.5		3.6	3.2	68
70		3.6	3.6		3.6	3.2		3.2	3	70
72		3	3.4		3	3		2.8	2.8	72
74		2	3			2.6		2	2.5	74
76			2.5			2.2			2	76
78			2							78
Reeving	2	1	1	1	1	1	1	1	1	Reeving
Wind speed	9m/s									Wind speed
Hook	40t									Hook
Telescoping mode	I	3		3		3		3		I
	II	3		3		3		3		II
	III	3		3		3		3		III
	IV	2		3		3		3		IV
	V	2		2		3		3		V
	VI	2		2		2		2		VI

Lifting capacity tables / Lifting height charts

Main boom + Superlift + 14m wind plant jib

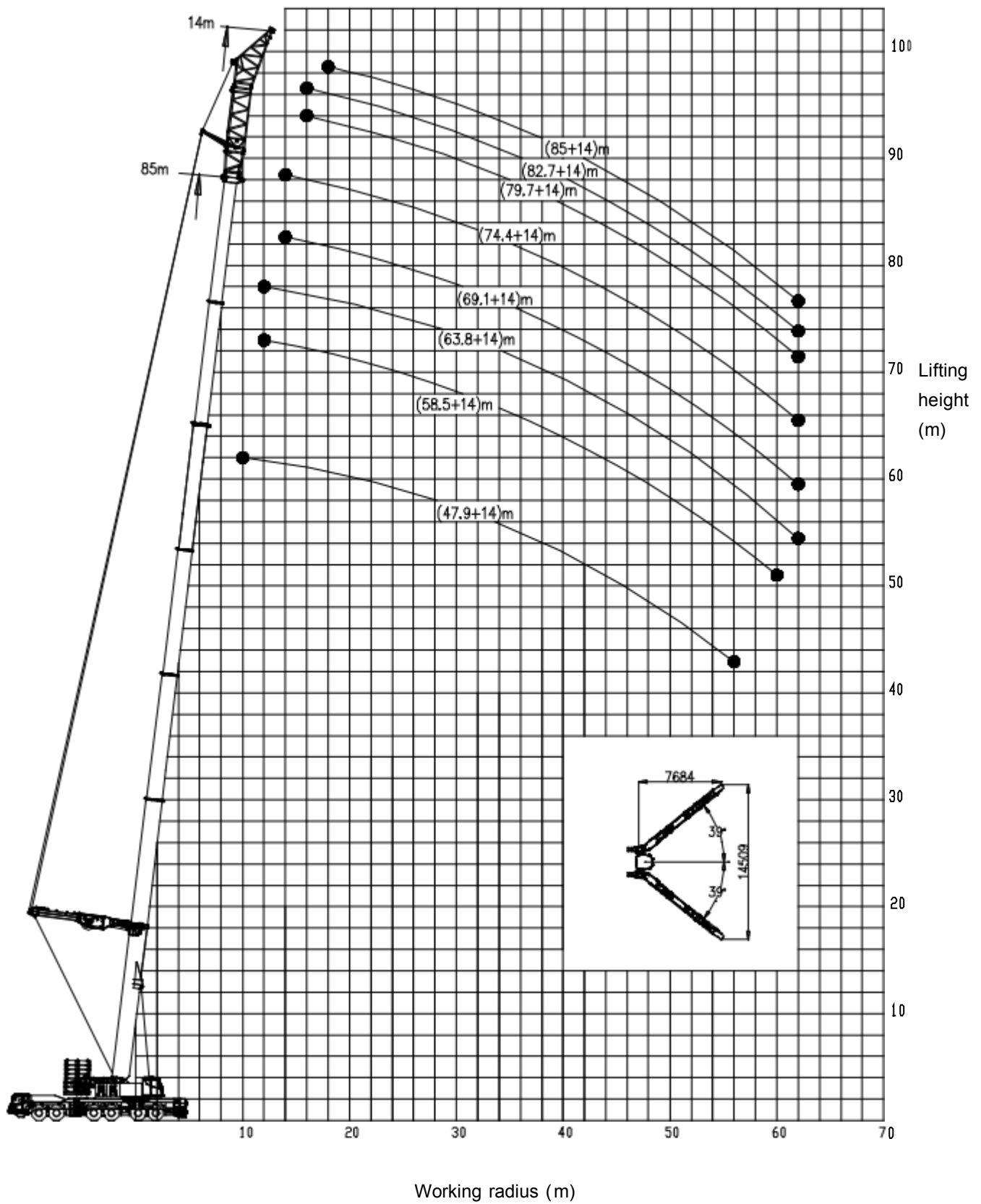


Table 7-1 Main boom + Superlift + 14m wind plant jib

Unit: t

16.1m - 85m 14m 9.4×9.4 360° 124t 7m											
R/L	47.9	58.5	63.8	69.1	74.4	79.7	82.7	85	R/L		
	14m	14m	14m	14m	14m	14m	14m	14m			
	61.9m	72.5m	77.8m	83.1m	88.4m	93.7m	96.7m	99m			
10	92								10		
12	89	84	80						12		
14	84	78	75	70	62				14		
16	74	60	70	66	60	52	44		16		
18	64	65	65	62	56	50	42	40	18		
20	59	60	60	56	52	47	40	37	20		
22	52	52	52	50	48	44	38	34	22		
24	45	46	46	46	45	42	36	32	24		
26	40	41	41	42	41	39	34	31	26		
28	36	37	36	37	37.6	36	32	30	28		
30	31	32	31.6	33	33.4	33	30	28	30		
32	28	29	28.6	29	29.5	30	28	26	32		
34	25	26	25.4	26	26.4	27	26	24	34		
36	22	23	22.5	23	23.6	24	23	22	36		
38	20	20.6	20	20.4	21	21.4	21	20	38		
40	18	19	18.5	18.6	19	19.5	19	18	40		
42	16	16.6	16.2	16.4	17	17.5	17	16	42		
44	14	15	14.5	14.6	15	15.6	15	14	44		
46	13	13.2	13	13	13.5	14	13	12	46		
48	11	12	11.8	11.6	12	14	11	10	48		
50	10	10.8	10.5	10.2	10.8	11	10	9	50		
52	9	9.5	9.2	9.2	9.8	10	9	8	52		
54	7	8	8	8.2	8.6	9	8	7	54		
56	6	7	7	7.2	7.5	8	7	6	56		
58		6	6	6	6.5	7	6	5	58		
60		5	5	5	5.5	6	5	4	60		
62			4	4	4.5	5	4	3	62		
Reeving	8	7	7	6	6	6	4	4	Reeving		
Wind speed	9m/s								Wind speed		
Hook	40t								Hook		
Telescoping mode	I	2	3	3	3	3	3	4	4	I	Telescoping mode
	II	2	3	3	3	3	3	4	4	II	
	III	2	3	3	3	3	3	4	4	III	
	IV	2	2	3	3	3	3	3	4	IV	
	V	2	2	2	2	3	3	3	4	V	
	VI	2	1	1	2	2	3	3	4	VI	

Lifting capacity tables / Lifting height charts

Main boom + Superlift + 22m wind plant jib

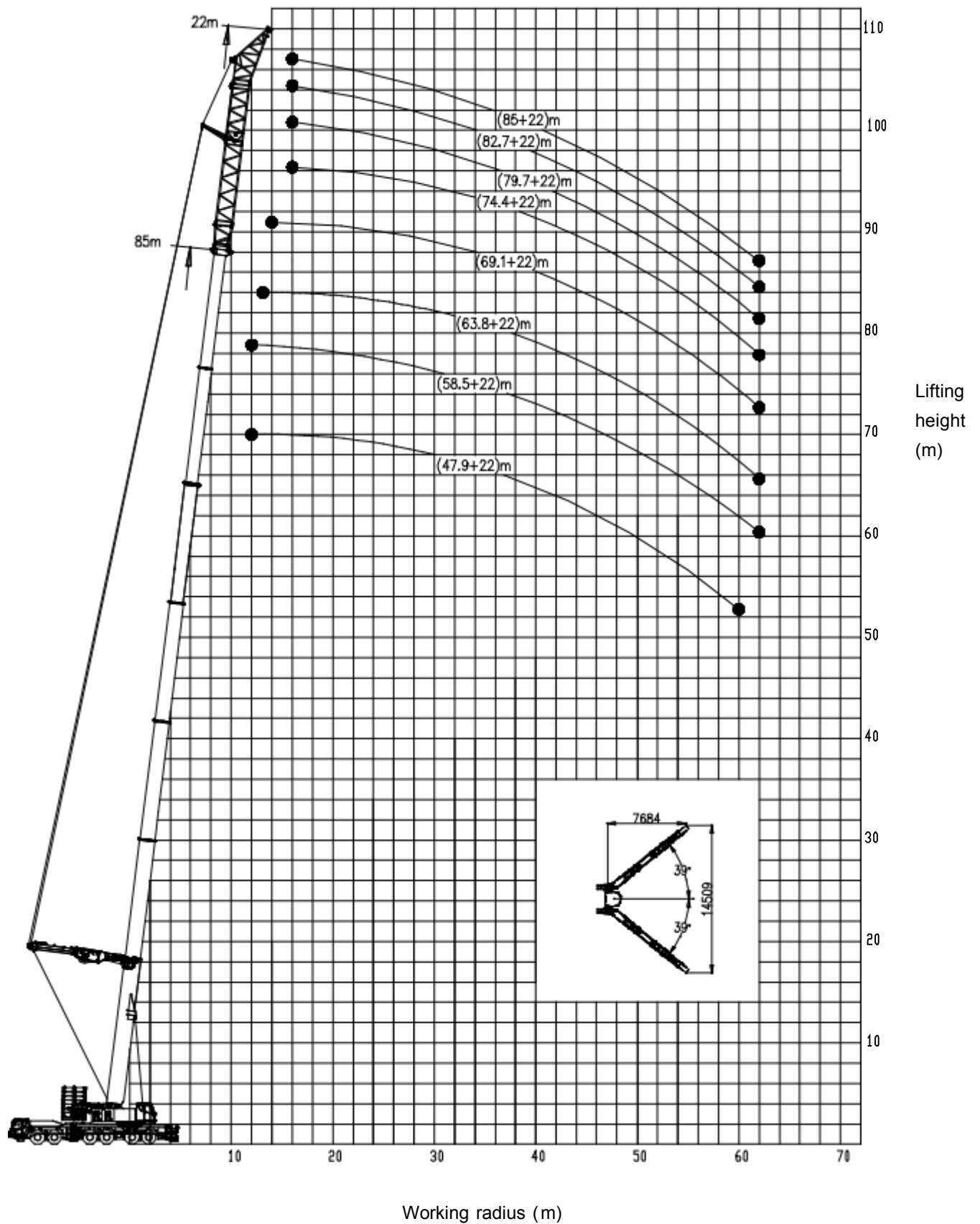


Table 7-2 Main boom + Superlift + 22m wind plant jib

Unit: t

16.1m - 85m  22m 9.4×9.4 360° 124t 7m											
R/L		47.9	58.5	63.8	69.1	74.4	79.7	82.7	85	R/L	
		22m	22m	22m	22m	22m	22m	22m	22m		
		69.9m	80.5m	85.8m	91.1m	96.4m	101.7m	104.7m	107m		
12		85	75							12	
13		80	70	66						13	
14		74	66	62	60					14	
16		68	63	60	58	50	40	35	32	16	
18		62	60	58	57	48	39	32	30	18	
20		56	57	56	54	46	38	30	28	20	
22		52	53	52	51	44	37	29	26	22	
24		46	47	46	45	42	36	27	25	24	
26		41	41.2	41	40	39	35	27	24	26	
28		36	36.2	37.1	37.2	36	34	26	23	28	
30		31	32	33	33	33	32	25	22	30	
32		28	28.6	29.5	29.5	30	29.6	24	21	32	
34		25	25.4	26.3	26.3	27	26.2	22	20	34	
36		22	22.8	23.5	23.6	24	24.4	20	19	36	
38		20	20.4	21.2	21.4	21.8	22	18	18	38	
40		18	18.3	19.1	19.1	19.8	20	16	17	40	
42		16	16	17	17.2	17.8	18	15	16	42	
44		14	14.2	15	15.5	16	16.2	14	15	44	
46		12	12.5	13.5	14	14.3	14.4	13	14	46	
48		10.5	11	12	12.5	13	13.2	12	12	48	
50		9.5	10	10.5	11	11.5	12	11	11	50	
52		8.5	9	9.5	10	10.4	11	10	10	52	
54		7.5	8	8.5	9	9.4	10	9	9	54	
56		6.5	7	7.5	8	8.5	8.8	8	8	56	
58		5.5	6	6.5	7	7.5	7.7	7	7	58	
60		4.5	5	5.5	6	6.5	6.8	6	6	60	
62			4	4.5	5	5.5	5.8	5	5	62	
Reeving		8	7	7	6	6	6	4	4	Reeving	
Wind speed		9m/s								Wind speed	
Hook		80t/40t								Hook	
Telescoping mode	I	2	3	3	3	3	3	4	4	I	Telescoping mode
	II	2	3	3	3	3	3	4	4	II	
	III	2	3	3	3	3	3	4	4	III	
	IV	2	2	3	3	3	3	3	4	IV	
	V	2	2	2	2	3	3	3	4	V	
	VI	2	1	1	2	2	3	3	4	VI	

Lifting capacity tables / Lifting height charts

Main boom + Superlift + 30m wind plant jib

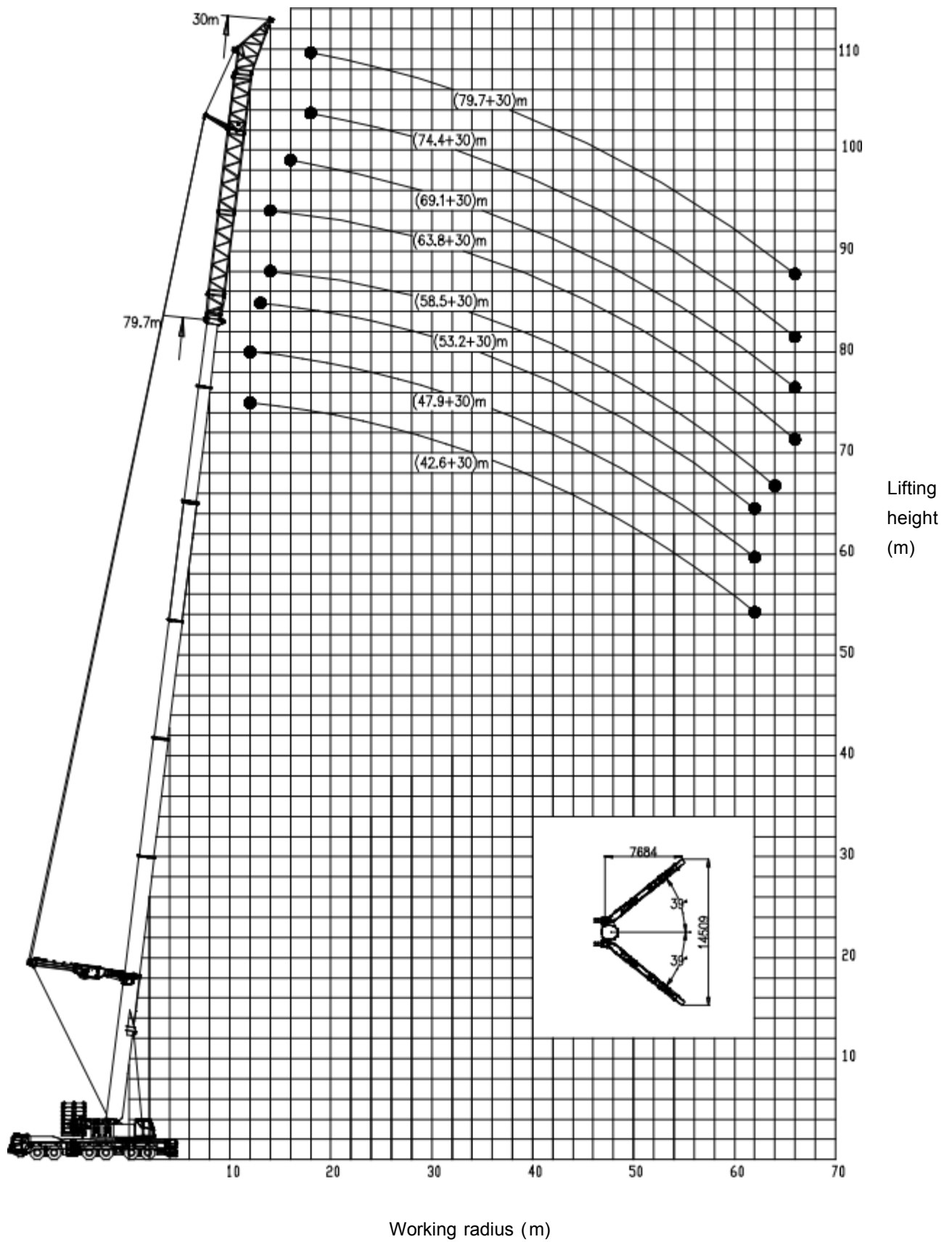


Table 7-3 Main boom + Superlift + 30m wind plant jib

Unit: t

16. 1m - 85m 30m 9.4×9.4 360° 124t 7m											
R/L		37.3	47.9	53.2	58.5	63.8	69.1	74.4	79.7	R/L	
		30m	30m	30m	30m	30m	30m	30m	30m		
		72.6m	85.2m	85.2m	88.5m	93.8m	99.1m	104.4m	109.7m		
12	82	76								12	
13	76	74	72							13	
14	70	70	70	64	55					14	
16	65	65	65	60	50	46				16	
18	60	60	60	56	46	44	40	36		18	
20	57	57	57	54	44	42	36	34		20	
22	52	53	53	51	42	40	34	32		22	
24	46	47	47	46	40	38	32	30		24	
26	40	41	42	41	38	36	29	27		26	
28	37	37.5	38	37	36	34	28	25		28	
30	34	34	34.5	33	33	32	27	24		30	
32	30	30.5	31	29.4	30	29.8	26	23		32	
34	27	27.5	27.8	26.2	26.8	27	25	22		34	
36	24	24.5	25	23.8	24.3	24.4	24	21		36	
38	22	22.5	23	21	21.6	22	22	20		38	
40	19.5	20	20.5	19	19.6	19.8	20	18		40	
42	18	18.2	18.6	17.2	17.8	18	18	16		42	
44	16	16.5	16.8	15.4	16	16.2	16.4	15		44	
46	14.5	15	15.3	13.9	14.4	14.5	14.8	14		46	
48	12.6	13	13.5	12.5	13	13.2	13.5	13		48	
50	11.5	12	12.2	11	11.5	11.6	12	11.8		50	
52	10	10.5	11	10	10.5	10.2	10.5	10.2		52	
54	9	9.5	10	9	9.5	9.2	9.4	9.2		54	
56	8	8.5	9	8	8.5	8.3	8.5	8.3		56	
58	7	7.5	8	7	7.5	7.2	7.4	7.2		58	
60	5.5	6	7	6	6.5	6.3	6.5	6.3		60	
62	4	5	6	5	5.5	5.2	5.5	5.2		62	
64				4	4.5	4.3	4.5	4.3		64	
Reeving		8	7	7	6	6	6	4	4	Reeving	
Wind speed		9m/s								Wind speed	
Hook		40t								Hook	
Telescoping mode	I	2	2	3	3	3	3	3	3	I	Telescoping mode
	II	2	2	3	3	3	3	3	3	II	
	III	2	2	2	3	3	3	3	3	III	
	IV	2	2	2	2	3	3	3	3	IV	
	V	1	2	2	2	2	2	3	3	V	
	VI	1	2	1	1	1	2	2	3	VI	

Lifting capacity tables / Lifting height charts

Main boom + Superlift + 85m luffing jib

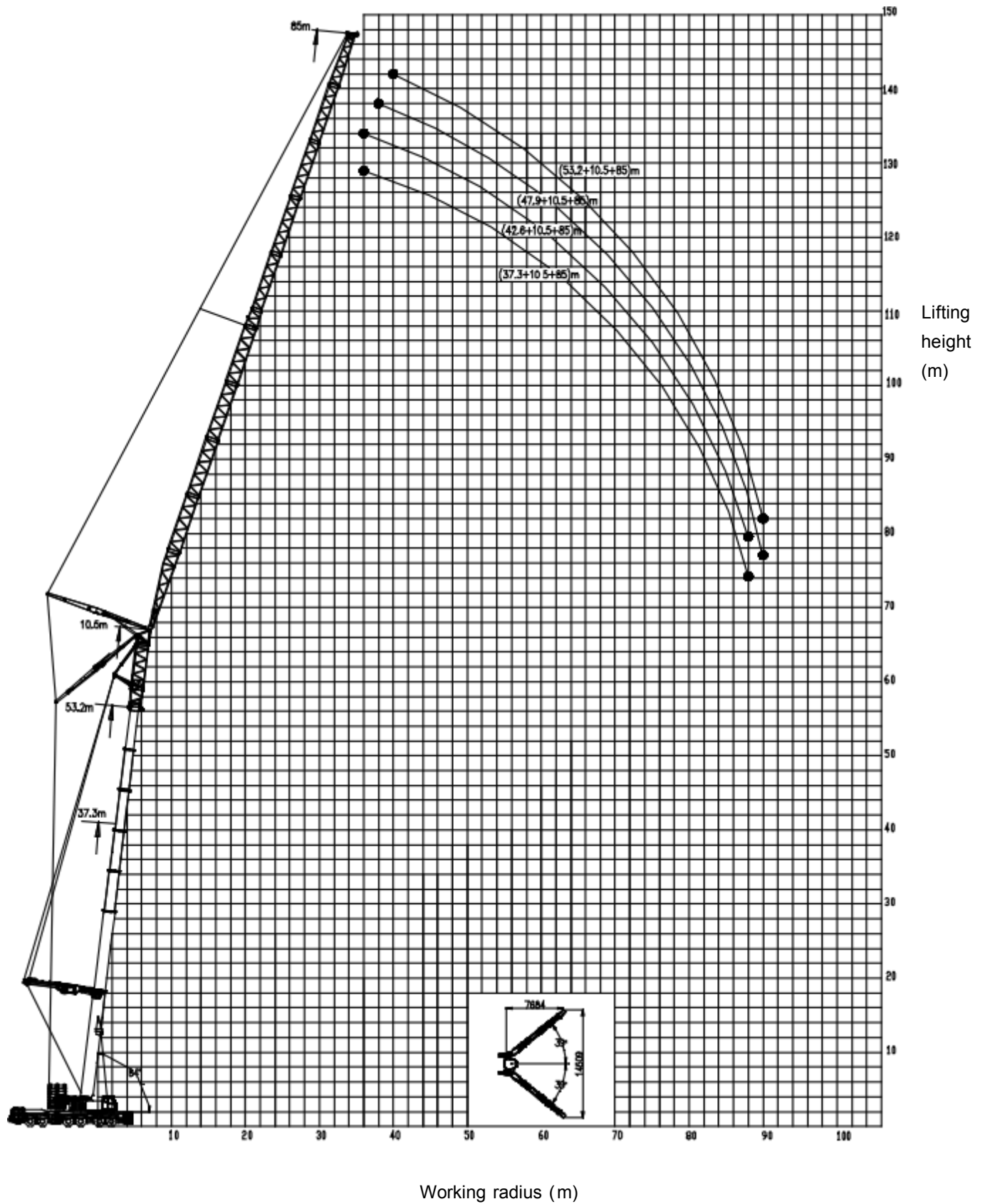


Table 8-1-1 Main boom + Superlift + 21m luffing jib

Unit: t

 37.3m - 69.1m   21m  9.4×9.4  360°  164t  7m										
R/L	37.3m+10.5m			42.6m+10.5m			47.9m+10.5m			R/L/a
Main boom angle	84°	76°	68°	84°	76°	68°	84°	76°	68°	Main boom angle
13	74			62						13
14	72.5			61.5			48.6			14
16	71			60.2			46.8			16
18	68			58.4			45.3			18
20	65			54.3			43.6			20
22	63	59.6		52.4			41.8			22
24		55.2			54.4		40			24
26		50.4			49.6			42.4		26
28		46.5			45.8			41.9		28
30			34.6		42.2			38.6		30
32			33.2					34.5		32
34			31.4			28.8				34
36			28.8			26.4			25.1	36
38						24.6			23	38
40									21.4	40
Reeving	7	6	4	6	6	4	5	4	2	Reeving
Wind speed	9m/s									Wind speed
Hook	80t									Hook
Telescoping mode	I	2		2		2		2		I
	II	2		2		2		2		II
	III	2		2		2		2		III
	IV	2		2		2		2		IV
	V	1		2		2		2		V
	VI	1		1		2		2		VI

Table 8-1-2 Main boom + Superlift + 21m luffing jib

Unit: t

 37.3m - 69.1m  21m  9.4×9.4  360°  164t  7m													
R/L/a	53.2m+10.5m			58.5m+10.5m			63.8m+10.5m			69.1m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	84°	76°	68°	
14	40.2			32									14
16	38.3			30.5			24						16
18	36.1			29			23.2			18.4			18
20	34.2			28			22.4			17.2			20
22	32.4			27			21.2			16.4			22
24	30.6			26			20			15.6			24
26		29.2					18.6			14.8			26
28		27.8			25.2								28
30		26.6			24.5			15.8					30
32		25.5			23.4			15			14		32
34					22.2			14.5			13.2		34
36								14			12.4		36
38			24										38
40			22.8										40
42			21.2			17.3							42
44						16.2			13				44
46									12.2				46
Reeving	4	4	2	3	2	2	2	2	4	2	2		Reeving
Wind speed	9m/s												Wind speed
Hook	80t												Hook
Telescoping mode	I	3		3		3		3		3		I	Telescoping mode
	II	3		3		3		3		3		II	
	III	2		3		3		3		3		III	
	IV	2		2		3		3		3		IV	
	V	1		2		2		3		3		V	
	VI	1		1		1		1		1		VI	

Table 8-2-1 Main boom + Superlift + 29m luffing jib

Unit: t

 37.3m - 69.1m  29m  9.4×9.4  360°  164t  7m										
R/L/a	37.3m+10.5m			42.6m+10.5m			47.9m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	
16	64			56						16
18	63.2			55.4			48.4			18
20	62.4			54.3			46.2			20
22	61.6			52.2			45.2			22
24	60.8			50.5			43.4			24
26	57.2			48.6			41.2			26
28	51.5	46.2		46.2	44.5		39.6	35		28
30	46.4	41.8		44.4	42.6		37.5	34.6		30
32		37.5			39.2		33.4	33.2		32
34		34.1			36.4			31.6		34
36		31.4	28.3		33.8			29.4		36
38			26.5		30.5	28.1		27.6		38
40			24.9			26.4		26.2	24	40
42			23.5			24.8			22.2	42
44						23.6			21.4	44
46						22.2			20.1	46
48									18.5	48
Reeving	6	4	4	6	4	4	4	4	2	Reeving
Wind speed	9m/s									Wind speed
Hook	80t									Hook
Telescoping mode	I	2		2		2		2		I
	II	2		2		2		2		II
	III	2		2		2		2		III
	IV	2		2		2		2		IV
	V	1		2		2		2		V
	VI	1		1		2		2		VI

Table 8-2-2 Main boom + Superlift + 29m luffing jib

Unit: t

 37.3m - 69.1m  29m  9.4×9.4  360°  164t  7m													
R/L/a	53.2m+10.5m			58.5m+10.5m			63.8m+10.5m			69.1m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	84°	76°	68°	
18	36												18
20	34.6			28.2			20						20
22	33			27.4			19.4			15.5			22
24	31.5			26.5			18.3			15			24
26	30			25.8			17.2			14.5			26
28	28.6			25			16.1			14			28
30	26.8	27.2		24			15.2			13.5			30
32	25.2	26.4		23	22		14.4			13			32
34		25.2			21.2		13.6	15.2		12.5			34
36		24.4			20.6			14.4			12		36
38		23.6			19.8			13.6			11.5		38
40		22.8			18.8			12.8			11		40
42					18.2			11.6			10.5		42
44			20					10.8			10		44
46			19.2			14.4							46
48			18.6			13.7			8.6				48
50			18			13			8.2			6	50
52						12.5			7.8			5.5	52
54									7.2			5.2	54
56												5	56
Reeving	3	3	2	3	2	2	2	2	1	2	1	1	Reeving
Wind speed		9m/s											Wind speed
Hook		80t											Hook
Telescoping mode	I	3		3		3		3		3		I	Telescoping mode
	II	2		3		3		3		3		II	
	III	2		2		3		3		3		III	
	IV	2		2		2		3		3		IV	
	V	2		2		2		2		2		V	
	VI	2		2		2		2		2		VI	

Table 8-3-1 Main boom + Superlift + 37m luffing jib

Unit: t

 37.3m - 69.1m   37m  9.4×9.4  360°  164t  7m										
R/L/a	37.3m+10.5m			42.6m+10.5m			47.9m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	
18	56									18
20	55			50			42			20
22	54			48.6			40.5			22
24	52			47.2			39.2			24
26	52			46.4			38.1			26
28	50			44.3			36.8			28
30	47	39.8		42.2			35.6			30
32	44	39		39.8	38.8		34.4	32.6		32
34	40	37.5		37.6	37.2		33.2	30.8		34
36	38	35.4		35.5	35.1		31.8	29.1		36
38	35	33		33.4	32.8		30.2	27.1		38
40		30.8	26		30.6		28	25.3		40
42		28.6	24.5		28.4	24.2		23.7		42
44		26.4	23.4		26.2	23		22.2	20.2	44
46			21.8		24	21.6		21	18.7	46
48			19.7			19.4		19.8	17.6	48
50			18.8			18.5			16.8	50
52			17.6			17.2			16	52
54						16.1			15.1	54
56									14.5	56
Reeving	5	4	3	5	4	2	4	4	2	Reeving
Wind speed	9m/s									Wind speed
Hook	80t									Hook
Telescoping mode	I	2		2		2		2		I
	II	2		2		2		2		II
	III	2		2		2		2		III
	IV	2		2		2		2		IV
	V	1		2		2		2		V
	VI	1		1		2		2		VI

Table 8-3-2 Main boom + Superlift + 37m luffing jib

Unit: t

 37.3m - 69.1m  37m  9.4×9.4  360°  164t  7m													
R/L/a	53.2m+10.5m			58.5m+10.5m			63.8m+10.5m			69.1m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	84°	76°	68°	
20	32												20
22	31.2			25.8			18.2						22
24	30.3			25.1			17.6			13.6			24
26	29.4			24.2			17			12.8			26
28	28.5			23.4			16.4			12.4			28
30	27.6			22.3			15.8			12			30
32	26.7			21.2			15.2			11.6			32
34	25.6	24.8		20			14.6			11.1			34
36	24.5	24.2		19.2			14			10.8			36
38	23.4	23.4		18.2	19		13.5			10.3			38
40	22.2	22.6		17.2	18.2		13	13.2		9.9			40
42		21.5			17.3		12.2	12.9		9.4	8.8		42
44		20.2			16.4			12.4			8.4		44
46		19.1			15.5			11.8			8		46
48		18			14.5			11.4			7.5		48
50			16.5		13.2			10.6			7		50
52			15.6			11.2		10			6.5		52
54			14.8			10.6			8				54
56			14			10			7.6				56
58			13.2			9.5			7.2			6	58
60						9			6.8			5.5	60
62									6			5	62
64												4.4	64
Reeving	3	3	2	3	2	2	2	2	1	2	1	1	Reeving
Wind speed	9m/s												Wind speed
Hook	80t												Hook
Telescoping mode	I	3		3		3		3		3		I	Telescoping mode
	II	2		3		3		3		3		II	
	III	2		2		3		3		3		III	
	IV	2		2		2		3		3		IV	
	V	2		2		2		2		2		V	
	VI	2		2		2		2		2		VI	

Table 8-4-1 Main boom + Superlift + 45m luffing jib

Unit: t

 37.3m - 69.1m   45m  9.4×9.4  360°  164t  7m										
R/L	37.3m+10.5m			42.6m+10.5m			47.9m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	
22	48			41						22
24	47			40.8			35			24
26	46			40.2			34.6			26
28	45.6			39.4			33.2			28
30	43.4			38.2			32			30
32	41.2			37			30.8			32
34	39	36.2		35.6			29.6			34
36	37.2	34.4		34.2	32.6		28.4			36
38	35.4	32.4		32.4	31.2		27.2	27.4		38
40	33.6	30.6		31	30		26	26.2		40
42	31.8	29		29.6	28.6		24.8	25.2		42
44	29.6	27.3		27	26.4		23.6	23.4		44
46		25.5	21.2	26	25.2		22.4	21.8		46
48		24.4	19.8		23.8	18.6	21	20.2		48
50		23.2	18.8		21.6	17.4		18.8		50
52		21.6	18		20	16.2		18	14.4	52
54			17.1		18.8	15.2		17.4	13.8	54
56			16.4			14.6		16.8	13.2	56
58			15.6			14			12.6	58
60						13.5			12	60
62									11.5	62
64									10	64
Reeving	5	3	2	4	3	2	3	3	2	Reeving
Wind speed	9m/s									Wind speed
Hook	80t									Hook
Telescoping mode	I	2		2		2		2		I
	II	2		2		2		2		II
	III	2		2		2		2		III
	IV	2		2		2		2		IV
	V	1		2		2		2		V
	VI	1		1		2		2		VI

Table 8-4-2 Main boom + Superlift + 45m luffing jib

Unit: t

 37.3m - 69.1m  45m  9.4x9.4  360°  164t  7m													
R/L/a	53.2m+10.5m			58.5m+10.5m			63.8m+10.5m			69.1m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	84°	76°	68°	
24	26												24
26	25.4			19.6			15						26
28	24.5			18.4			15			11.6			28
30	23.6			17.8			15			11.2			30
32	22.7			17.2			14.5			10.8			32
34	22			16.6			14			10.4			34
36	21.5			16			13.5			10			36
38	21			15.4			13			9.8			38
40	20.6	20.4		15			12.5			9.4			40
42	19.4	19.2		14.6	15.6		12			9			42
44	18.4	18.4		14.2	15		11.5	11.5		8.5			44
46	17.8	17.8		13.8	14.5		11	11.2		8	7		46
48	17.2	17		13.4	14		10.5	11		7.5	6.4		48
50		16.5			13.2		10	10.8		7	5.8		50
52		16			12.4			10.4			5.2		52
54		15.5	11.2		11.8			10			4.6		54
56		15	10.6		11.4			9.6			4		56
58			10		11	9		9.2			3.5		58
60			9.4			8.2		8.6	6.3		3		60
62			8.5			7.6			6.1				62
64			7.6			6.8			5.8				64
66			6.7			6			5.2				66
68						5			4.6				68
70									4				70
Reeving	2	2	1	2	2	1	2	1	1	1	1	1	Reeving
Wind speed	9m/s												Wind speed
Hook	80t												Hook
Telescoping mode	I	3		3		3		3		3		I	Telescoping mode
	II	2		3		3		3		3		II	
	III	2		2		3		3		3		III	
	IV	2		2		2		3		3		IV	
	V	2		2		2		2		2		V	
	VI	2		2		2		2		2		VI	

Table 8-5-1 Main boom + Superlift + 53m luffing jib

Unit: t

 37.3m - 63.8m   53m  9.4×9.4  360°  164t  7m										
R/L/a	37.3m+10.5m			42.6m+10.5m			47.9m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	
26	38			33.5						26
28	37.5			33.4			28.5			28
30	37			33.3			28.4			30
32	36.5			33.2			28.2			32
34	36			32.5			28			34
36	34.6			31.4			27.5			36
38	33	28.2		30.3			26.4			38
40	31.6	26.8		29.2	25.5		25.3			40
42	30.2	25.4		28.1	24.8		24.2	23.3		42
44	28.6	24		27	23.6		23.2	22		44
46	27.3	22.8		25.9	22.4		22.4	21		46
48	26.2	21.6		24.8	21		21.6	20		48
50	25	20.6	18	23.7	19.8		20.8	19		50
52	23	19.5	17	22.6	18.6		20.1	18		52
54	22	18.7	16.2	21.5	18	15.5	19.5	17.2		54
56		17.9	15.4		17.2	14.6	19	16.4	12	56
58		17	14.6		16.4	13.7		15.8	11.5	58
60		16	13.8		15.6	12.8		15	11	60
62			13		14.8	12		14.4	10.5	62
64			12.4			11.2		13.8	10	64
66			11.8			10.5			9.5	66
68						10			9	68
70									8	70
Reeving	4	3	2	3	2	2	3	2	1	Reeving
Wind speed	9m/s									Wind speed
Hook	80t									Hook
Telescoping mode	I	2		2		2		2		I
	II	2		2		2		2		II
	III	2		2		2		2		III
	IV	2		2		2		2		IV
	V	1		2		2		2		V
	VI	1		1		2		2		VI

Table 8-5-2 Main boom + Superlift + 53m luffing jib

Unit: t

 37.3m - 63.8m   53m  9.4×9.4  360°  164t  7m										
R/L/a	53.2m+10.5m			58.5m+10.5m			63.8m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	
28	22									28
30	21.5			17.8						30
32	21			17.5			12			32
34	20.5			17			12			34
36	20			16.5			12			36
38	19.5			16			12			38
40	19			15.5			11.5			40
42	18.5			15			11			42
44	18	18.8		14.5			10.5			44
46	17.5	18.2		14	14.5		10			46
48	17	17.6		13.5	14		9.5	10		48
50	16.5	17		13	13.5		9	9.5		50
52	16	16.4		12.5	13		8.5	9		52
54	15.5	15.8		12	12.5		8	8.5		54
56	15	15.4		11	12		7.5	8		56
58		15			11.5		7	7.5		58
60		14.5	9		11			7		60
62		14	8.5		10.5	7		6.5		62
64		13.5	8		10	6.5		6		64
66			7.5		9	6		5.5		66
68			7			5.5		5		68
70			6.5			5				70
72			6			4.5				72
74						4				74
Reeving	2	2	1	2	2	1	2	1		Reeving
Wind speed	9m/s									Wind speed
Hook	80t									Hook
Telescoping mode	I	3		3		3		3		I
	II	2		3		3		3		II
	III	2		2		3		3		III
	IV	2		2		2		2		IV
	V	2		2		2		2		V
	VI	2		2		2		2		VI

Table 8-6 Main boom + Superlift + 61m luffing jib

Unit: t

			37.3m - 58.5m					69m		9.4×9.4			164t		7m			
R/L/a		37.3m+10.5m			42.6m+10.5m			47.9m+10.5m			53.2m+10.5m			58.5m+10.5m			R/L/a	
		84°	76°	68°	84°	76°	68°	84°	76°	68°	84°	76°	68°	84°	76°	68°		
28		30.5														28		
30		30.4			28.8											30		
32		30.2			28.4			25			20					32		
34		29.4			28			24			19.5			15		34		
36		28.6			27.6			23.5			19			14.5		36		
38		27.8			27			23			18.5			14.2		38		
40		27			26.2			22.5			18			13.8		40		
42		26.2	25.5		25.4			22			17.5			13.5		42		
44		25.4	24.5		24.6	23		21.5			17			13		44		
46		24.6	23.6		23.8	22.5		21	20		16.5			12.5		46		
48		23.8	22		22.8	21		20.5	19.5		16	15.8		12		48		
50		23	20.5		21.8	19.5		20	18.6		15.5	15.4		11.5	12.2	50		
52		22.2	19.2		20.8	18.4		19.5	17.4		15	14.8		11	12	52		
54		21.4	18	15	20	17.1		19	16.2		14.5	14		10.5	11.5	54		
56		20.6	17	14.3	19.6	16.1	12.5	18.5	15.2		14	13.3		10	10.8	56		
58		19.8	16	13.6	19	15.2	12	18	14.4		13.5	12.6		9.5	10.2	58		
60		19	15.2	12.9	18.4	14.3	11.4	17	13.5		13	12		9	9.6	60		
62		18	14.4	12.3	17.5	13.4	10.8	16	12.7	10	12.5	11.4		8.5	9	62		
64			13.7	11.7		12.8	9.7	15	12	9.5	12	10.8	7.5	8	8.5	64		
66			13	11.1		12.2	9		11.4	9		10	7		8	4.5	66	
68			12	10.6		11.4	8.6		10.8	8.5		9	6.5		7.5	4.2	68	
70				10.1		10.6	8		10.4	8		8	6		7.1	4	70	
72				9.7			8.5		10	7.5		7	5.5		6.5	3.8	72	
74				9.2			7.5			7			5		6	3.6	74	
76							6.5			6.5			4.5			3.4	76	
78										6			4			3.2	78	
80													3.5			3	80	
82																2.5	82	
Reeving		2	2	1	2	2	1	2	2	1	2	1	1	1	1	1	Reeving	
Wind speed		9m/s															Wind speed	
Hook		80t															Hook	
Telescoping mode	I	2			2			2			3			3			I	Telescoping mode
	II	2			2			2			2			3			II	
	III	2			2			2			2			2			III	
	IV	2			2			2			2			2			IV	
	V	1			2			2			2			2			V	
	VI	1			1			2			2			2			VI	

Table 8-7 Main boom + Superlift + 69m luffing jib

Unit: t

 37.3m - 58.5m   69m  9.4×9.4  360°  164t  7m																		
R/L/a		37.3m+10.5m			42.6m+10.5m			47.9m+10.5m			53.2m+10.5m			58.5m+10.5m			R/L/a	
		84°	76°	68°	84°	76°	68°	84°	76°	68°	84°	76°	68°	84°	76°	68°		
30		24															30	
32		23.5			22												32	
34		23			21.5			20			16						34	
36		22.5			21			19.7			15.2			12			36	
38		22			20.6			19.4			14.4			11.7			38	
40		21.5			20.2			19			13.6			11.4			40	
42		21			19.8			18.6			13			11.1			42	
44		20.5			19.4			18.2			12.5			10.8			44	
46		20	19.5		19			17.8			12			10.5			46	
48		19.5	19		18.6	18		17.4			11.6			10.2			48	
50		18	18.5		18.2	17.4		17	15		11.2			10			50	
52		18.5	18		17.8	16.8		16.6	14.5		10.8	12		9.7			52	
54		18	17.5		17.3	16.2		16.2	14		10.4	11.5		9.4	7.4		54	
56		17.5	17		16.8	15.6		15.8	13.5		10	11		9.1	7.2		56	
58		17	16.4		16.2	15		15.4	13		9.7	10.5		8.8	7		58	
60		16.5	15.6	12	15.6	14.4		15	12.5		9.4	10		8.5	6.8		60	
62		16	15	11.6	15	13.8		14.5	12		9.2	9.5		8.2	6.6		62	
64		15.5	14.2	11.2	14.4	13.2	10	14	11.5		8.8	9		8	6.3		64	
66		15	13.4	10.8	14	12.6	9.5	13.5	11	8	8.5	8.5		7.7	6		66	
68		14.5	12.6	10.4	13.5	12	9	13	10.5	7.6	8.3	8	5	7.4	5.6		68	
70		14	12	10	13	11.2	8.5	12.5	10	7.2	8.2	7.5	4.8	7	5.2	3	70	
72			11	9.5		10.4	8	12	9.5	6.8	8	7	4.6	6.5	4.8	2.9	72	
74			10	9		9.6	7.5		9	6.4		6.5	4.4		4.4	2.8	74	
76			9	8.5		8.8	7		8.5	6		6	4.2		4	2.7	76	
78				8		8	3.5		8	5.6		5.5	4		3.6	2.5	78	
80				7.5			3		7.5	5.2		5	3.8		3.2	2.5	80	
82				7			5.5			4.8			3.6		3	2.4	82	
84							5			4.4			3.4			2.2	84	
86										4.2			3.2			2	86	
88									4				3				88	
90													2.5				90	
Reeving		2	2	1	2	2	1	2	2	1	2	1	1	1	1	1	Reeving	
Wind speed		9m/s															Wind speed	
Hook		80t															Hook	
Telescoping mode	I	2			2			2			3			3			I	Telescoping mode
	II	2			2			2			2			3			II	
	III	2			2			2			2			2			III	
	IV	2			2			2			2			2			IV	
	V	1			2			2			2			2			V	
	VI	1			1			2			2			2			VI	

Table 8-8 Main boom + Superlift + 77m luffing jib

Unit: t

 37.3m - 69.1m   77m  9.4×9.4  360°  164t  7m													
R/L/a	37.3m+10.5m			42.6m+10.5m			47.9m+10.5m			53.2m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	84°	76°	68°	
32	19												32
34	18			18									34
36	17.7			17.4			16			13			36
38	17.4			17			15.8			13			38
40	17			16.8			15.6			12.8			40
42	16.8			16.5			15.5			12.6			42
44	16.5			16.2			15.4			12.4			44
46	16.2			16			15.3			12.2			46
48	16			15.8			15.2			12			48
50	15.8	16		15.6			15			11.7			50
52	15.6	15.6		15.4	14		14.7			11.4			52
54	15.4	15.2		15.2	13.8		14.4	12		11.1			54
56	15.2	15		15	13.6		14.1	11.7		10.8	9		56
58	15	14.8		14.8	13.4		13.8	11.4		10.4	8.8		58
60	14.8	14.6		14.4	13.2		13.5	11.1		10	8.6		60
62	14.4	14.3		14	13		13.2	10.8		9.6	8.4		62
64	14	14	11.5	13.6	12.7		12.9	10.5		9.2	8.2		64
66	13.6	13.5	11	13.2	12.4	9.5	12.6	10.2		8.8	8		66
68	13.2	13	10.5	12.8	12	9	12.3	9.8	6	8.4	7.8		68
70	12.8	12.5	10	12.4	11.5	8.5	12	9.4	5.8	8	7.6	4	70
72	12.4	12	9.5	12.2	11	8	11.6	9	5.6	7.6	7.4	3.9	72
74	12.2	11.5	9	11.6	10.5	7.5	11	8.5	5.4	7.2	7.2	3.8	74
76	11.6	11	8.5	11	10	7	10.5	8	5.2	6.8	7	3.7	76
78	11	10.5	8	10.5	9.5	6.5	10	7.5	5	6.4	6.7	3.6	78
80		10	7.5		9	6.1	9	7	4.7	6	6.4	3.5	80
82		9.5	7.2		8.2	5.7		6.5	4.4		6	3.5	82
84		9	6.8		7.4	5.3		6	4.1		5	3.4	84
86			6.5		6.6	5		5.5	3.8		4.5	3.2	86
88			6			4.8		5	3.5		4	3	88
90			5.5			4.5			3.2			2.5	90
92						4			3			2	92
94									2.6				94
Reeving	2	2	1	2	2	1	2	1	1	2	1	1	Reeving
Wind speed	9m/s												Wind speed
Hook	80t												Hook
Telescoping mode	I	2		2		2		2		2		I	Telescoping mode
	II	2		2		2		3		3		II	
	III	2		2		2		2		2		III	
	IV	2		2		2		2		2		IV	
	V	1		2		2		2		2		V	
	VI	1		1		2		2		2		VI	

Table 8-9 Main boom + Superlift + 85m luffing jib

Unit: t

 37.3m - 69.1m   85m  9.4×9.4  360°  164t  7m													
R/L/a	37.3m+10.5m			42.6m+10.5m			47.9m+10.5m			53.2m+10.5m			R/L/a
	84°	76°	68°	84°	76°	68°	84°	76°	68°	84°	76°	68°	
36	14			13									36
38	13.2			12.8			12						38
40	12.8			12.5			12			10			40
42	12.5			12.2			12			10			42
44	12.2			12			11.8			10			44
46	12			11.8			11.6			10			46
48	11.8			11.6			11.4			10			48
50	11.6			11.4			11.2			10			50
52	11.4	11.8		11.2			11			10			52
54	11.2	11.6		11	11		10.8			10			54
56	11	11.4		10.8	10.8		10.6	10		10			56
58	10.8	11.2		10.6	10.6		10.4	9.8		10	8		58
60	10.6	11		10.4	10.4		10.2	9.6		10	7.9		60
62	10.4	10.8		10.2	10.1		10	9.4		9.6	7.8		62
64	10.2	10.6		10	9.8		9.8	9.2		9.2	7.7		64
66	10	10.4		9.8	9.6		9.6	9		8.8	7.6		66
68	9.8	10.1	9	9.6	9.4		9.4	8.8		8.4	7.4		68
70	9.6	9.8	8.7	9.4	9.2	7	9.2	8.6		8	7.3		70
72	9.4	9.6	8.4	9.2	9	6.8	9	8.3	5	7.7	7.2		72
74	9.2	9.4	7.9	9	8.8	6.6	8.8	8	4.8	7.4	7.1		74
76	9	9.2	7.6	8.7	8.6	6.4	8.5	7.8	4.6	7.2	7	3	76
78	8.8	9	7.3	8.4	8.3	6.2	8.2	7.5	4.4	7	6.7	2.8	78
80	8.6	8.8	7	8.1	8	6	7.8	7.2	4.2	6.6	6.4	2.7	80
82	8.3	8.6	6.7	7.8	7.7	5.8	7.4	7	4.1	6.2	6.1	2.6	82
84	8	8.4	6.4	7.5	7.4	5.6	7	6.8	4	5.8	5.7	2.5	84
86	7.5	8.2	5.9	7	7.1	5.4	6.5	6.5	3.8	5.4	5.3	2.4	86
88		8	5.6		6.8	5.2	6	6.2	3.6	5	5	2.3	88
90		7.5	5.3		6.5	5		5.9	3.5		4.6	2.2	90
92		7	4.9		6.2	4.8		5.6	3.3		4.2	2.1	92
94			4.6		6	4.6		5.3	3.2		3.8	2	94
96			4.3			4.4		5	3		3.5		96
98			4			4.2			2.6				98
100						4			2.2				100
Reeving	2	1	1	2	1	1	1	1	1	1	1	1	Reeving
Wind speed	9m/s												Wind speed
Hook	80t												Hook
Telescoping mode	I	2		2		2		2		2		I	Telescoping mode
	II	2		2		2		3		3		II	
	III	2		2		2		2		2		III	
	IV	2		2		2		2		2		IV	
	V	1		2		2		2		2		V	
	VI	1		1		2		2		2		VI	