XCMG

CRAWLER CRANE

XLC350

Max 350 t

60+64 m

Product profile

Boom combination

The boom sections of XLC350 crawler crane is a four-chord lattice structure with equal section in the middle and variable section at both ends. It is made of high-strength steel plate and uses large section, large pipe diameter, thick wall and high strength seamless pipe as main chords and lacing members. Boom configurations of the crane under full operation modes include 1 × 9m boom butt section, 1 × 6m boom transition section, 1 × 6m boom top section, 1 × 2.5m tower (fixed) jib butt section, 1 × 4.5m tower (fixed) jib transition section, 1 × 3m tower (fixed) jib top section, 1 × 7.5m front strut, 1 × 7.5m rear strut, boom point single pulley, 3m intermediate section (1 × 3mA, 1 × 3mB and 1 × 3mC), 6m intermediate section (1 × 6mA, 1 × 6mB and 1 × 6mC), and 12m intermediate section (2 × 12mA, 2 × 12mB and 2 × 12mC).

The maximum lifting capacity in heavy-duty boom operation mode is 350t@5.5m (parts of line 34, and special sling needs to be configured), and the maximum load moment is 203.9t × 10m=2039t.m. The length of the boom is 24m~87m, boom composition: butt section 1 × 9m, transition section 1 × 6m, top section 1 × 6m, intermediate section 1 × 3mA and 1 × 3mB, intermediate sections 1 × 6mA and 1 × 6mB, and intermediate sections 2 × 12mA and 2 × 12mB. Boom point single pulley is equipped.

The maximum lifting capacity of tower jib is 140t@11m (parts of line 12). The length of tower jib is 19m~64m, jib composition: butt section 1 × 2.5m, transition section 1 × 4.5m, top section 1 × 3m, intermediate sections 1 × 3mB and 1 × 3mC, intermediate sections 1 × 6mB and 1 × 6mC, intermediate sections 1 × 12mB and 2 × 12mC, front strut 1 × 7.5m, rear strut 1 × 7.5m. Tower jib point single pulley is equipped.

Light-duty boom is 58.5m ~ 100.5m, composed of boom sections and tower jib sections.

The maximum lifting capacity of fixed jib is 135t@10m (parts of line 11). The length of fixed jib is 13m~31m, jib composition: butt section 1 × 2.5m, transition section 1 × 4.5m, top section 1 × 3m, intermediate sections 1 × 3mB and 1 × 3mC, intermediate sections 1 × 6mB and 1 × 6mC, intermediate section 1 × 12mB, and strut 1 × 7.5m.

Under TBM jib operation mode, when main hook or aux. hook is used independently, the maximum lifting capacity of main hook is 286.7t (293t for option), the maximum lifting capacity of aux. hook is 130t; when main hook and aux. hook are used at the same time alternatively, the maximum lifting capacity is 218.6t. TBM jib length 10m, jib composition: butt section 1 × 2.5m, transition section 1 × 4.5m, top section 1 × 3m and strut1 × 7.5m. Boom and jib combination length is 24m+10m.

Product profile

Boom luffing components	High-strength pendant structure is adopted, with a high safety factor; the balance beam structure is adopted for the transition of the pendant, which is evenly stressed; the single pendant is equipped with a "peach" shaped connecting hole, which is convenient to install, labor-saving and efficient.
Mast	Mast is a box-type two-limb structure, with strengthened beam installed between two limbs for good stability. Mast jacking cylinder can rotate around connection pivot of turntable, to realize mast erection, raising and lowering. When aux. assembly cylinder (optional) is installed on mast, enhanced mast jacking cylinder (optional) is required.
Turntable	Turntable is a key load bearing structural component to connect crane superstructure and undercarriage. The double-sided "I" shaped beam box frame composite structure welded with high-strength steel plates can be connected to undercarriage through slewing bearings, with high overall strength and good stability. Cab, main luffing system, engine system, hydraulic pump group, hydraulic valve, mast, boom butt and superstructure counterweight can be connected to turntable at different positions.
Mechanism composition	See the following table for the configuration and use of the mechanisms of the crane.

No.	Mechanism name	Application	Position
1	Main hoist mechanism	(1) Used for main hook in heavy boom, boom point single pulley, TBM jib, fixed jib, tower jib, tower jib point single pulley and light boom operation modes; (2) Used for main hook in fixed jib operation mode.	On boom butt, near the root position
2	Aux. hoist mechanism	Used for aux. hook in boom point single pulley, TBM jib, and tower jib point single pulley operation modes	On boom butt, near the middle position
3	Boom luffing mechanism	Used for boom luffing operation.	Middle of turntable
4	Tower jib luffing mechanism	Used for tower jib luffing operation.	On boom butt, near the middle position
5	Slewing mechanism	Used for superstructure slewing.	Front of turntable
6	Travel mechanism	Used for crane travel.	Crawler drive sprocket

Product profile

	The main hoisting mechanism and the auxiliary hoisting mechanism can realize combined lifting of main hook and auxiliary hook in TBM jib operation modes.
Hoisting mechanism	The hoisting mechanism includes main hoisting mechanism and auxiliary hoisting mechanism. The hoisting mechanism is driven by a motor to realize the lifting and lowering of the main hook or the auxiliary hook through drum, guide pulley and lifting pulley block. The hoisting mechanism is equipped with a built-in planetary reducer and a normally closed brake to realize the function of "spring braking/hydraulic release", which is safe and reliable. Double-fold multi-layer winding drum made of nodular cast iron is adopted, which has good vibration absorption and ensures that the wire rope will not be disordered in multi-layer winding, thus effectively prolonging the service life of the wire rope. The hoisting mechanism uses a special anti-rotation wire rope with an independent steel core, high breaking force and high extrusion resistance. The diameter of the wire rope is ϕ26 mm, and the lengths of the main and auxiliary lifting ropes are 800m and 455m respectively.
Luffing mechanism	The luffing mechanism includes boom luffing mechanism and tower jib luffing mechanism. Boom luffing mechanism is independently driven by double drums and installed in the middle of the turntable through a pin shaft. Tower jib luffing mechanism is independently driven by a single drum and installed on boom butt through a pin shaft. The luffing mechanism uses a motor to drive the planetary gear reducer, and realizes the luffing of boom and tower jib through the drum and luffing pulley block. The luffing mechanism has a built-in planetary reducer and adopts a normally closed brake to realize the function of "spring braking/hydraulic release", which is safe and reliable. The luffing winch drum is provided with a ratchet locking device, and the pawl is driven by a hydraulic cylinder to realize multiple locking protection. The luffing winch drum is a double-folded line multi-layer winding duplex drum made of ductile iron, which has good vibration absorption and ensures that the wire rope will not be disorderly wound in multiple layers, thus effectively prolonging the service life of the wire rope. The wire rope with high breaking force is used for the luffing mechanism. Boom luffing wire rope has a diameter of ϕ26mm and a length of 380m; tower jib luffing wire rope has a diameter of ϕ22mm and a length of 440m.

Product profile	
Slewing mechanism	The slewing mechanism and slewing bearing are driven by external meshing and are located in front of the turntable. The motor drives the planetary gear reducer to drive the slewing bearing for 360° slewing. The slewing mechanism is equipped with a built-in planetary reducer and a normally closed brake to realize the function of "spring braking/hydraulic release" and ensure extremely high braking safety for slewing. The slewing mechanism is also provided with a mechanical slewing locking device to realize the locking protection of the slewing mechanism.
Slewing bearing	The slewing mechanism has the function of free sliding. Double-row ball slewing bearing is adopted, with high strength, large bearing moment, high precision, long service life and easy maintenance.
Oil cylinder assembly	The connection between boom and turntable, the connection between car-body and crawler beam, and the connection between counterweight tray and turntable are all connections through power pins driven by oil cylinders. Mast jacking cylinder, outrigger cylinder and crawler tensioning cylinder make installation and disassembly more convenient. Oil cylinders are set in the cab to realize vertical tilting and horizontal rotation of the cab.
Cab	The new generation of 1.25m wide super-large cab features all-bright design, gorgeous appearance, wide vision and comfortable and convenient operation.
Car-body	The car-body is of a box-type radial structure, welded with high-strength steel plates, with good overall rigidity and large strength.
Crawler travel device	The crawler track device is divided into left and right crawler traveling gears, which are composed of crawler frame, track shoes, track roller, carrier roller, idler, drive sprocket, traveling mechanism and tension device. Crawler frame: bilateral symmetry, 1 for each. It is a box-type structure welded by high-strength steel plates, and car-body is installed and positioned with parallel sizing blocks, which has good guiding and wear resistance effects. Drive sprocket: It is connected to the planetary reducer housing with high-strength bolts. Track roller: double-flange design, built-in floating seal, self-lubricating. Tension pulley: Adjust the tension of the crawler through the cylinder and adjusting pad. Carrier roller: The carrier roller has a built-in floating seal and is self-lubricated. Track shoe: 1.2m wide, installed on the crawler beam. Traveling mechanism: normally closed planetary gear reducer, with strong traveling power and extremely high flexibility and maneuverability. Multi-disc wet normally

Product profile

closed brake, spring braking and hydraulic brake release.

Hydraulic system

The load-sensitive LUDV system with hydraulic pilot proportional control is characterized by accurate speed, sensitive operation and good inching performance. The main valve can realize compound operation of multiple actions, with compact structure and convenient maintenance.

Special slewing closed system design, stable start and stop, good micro-motion, excellent proportional characteristics, strong resistance to load change interference, meeting the requirements of fine lifting operation.

Electrical system

The electrical system mainly consists of the load moment limiter, control system, conventional electrical system, GPS system and monitoring system.

The load moment limiter is an integrated display and control unit that continuously calculates and monitors the crane's rated and actual loads, operating radius, and boom angle. It includes safety features such as alarms and motion restrictions for hazardous directions, along with capabilities for monitoring engine status and diagnosing system faults.

Through PLC logic control of CAN-bus technology, the control system controls the main and auxiliary winches, slewing, boom luffing and engine control and other operations, which can effectively ensure the safe operation of all functions of the main unit and fully embody the people-oriented design idea.

Conventional electrical systems include power supply, start control, cab air conditioning and audio, lighting, wipers and horns;

The GPS system supports GPS satellite positioning, GPRS data transmission, equipment status query and statistics, operation data monitoring and analysis, and remote fault diagnosis.

The monitoring system can monitor the status of winch, turntable tail and boom head, etc., with real-time display on the screen, which is safe and reliable.

Battery No.	Quantity	Rated voltage	Rated capacity
6-QAW-180D	2	24 V	360 Ah

Engine system

Model: Weichai WP10G336E344;

Type: in-line, water-cooled, four-stroke, turbocharged inter-cooling and high pressure common rail diesel engine;

Environmental protection: EFI engine conforming to Euro III emission standard for off-road mobile machinery;

Rated power: 247kw/1900rpm;

Product profile

Maximum output torque: 1550N.m;

Fuel tank capacity: 600L.

Hook block

The hook configuration is as follows:

Hook name	160 t	80 t	13.5 t	200t (optional)	32t (optional)
Dead weight (t)	3.9	2.0	0.5	4.15	1.2
Number of pulley blocks	5	3	0	7	1

Counterweight

There are 2 specifications of counterweights, i.e. 10t and 5t. Car–body counterweight tray 20t × 2. The counterweight of the turntable has three combination forms: 120t, 130t and 140t. The specific combinations are as follows:

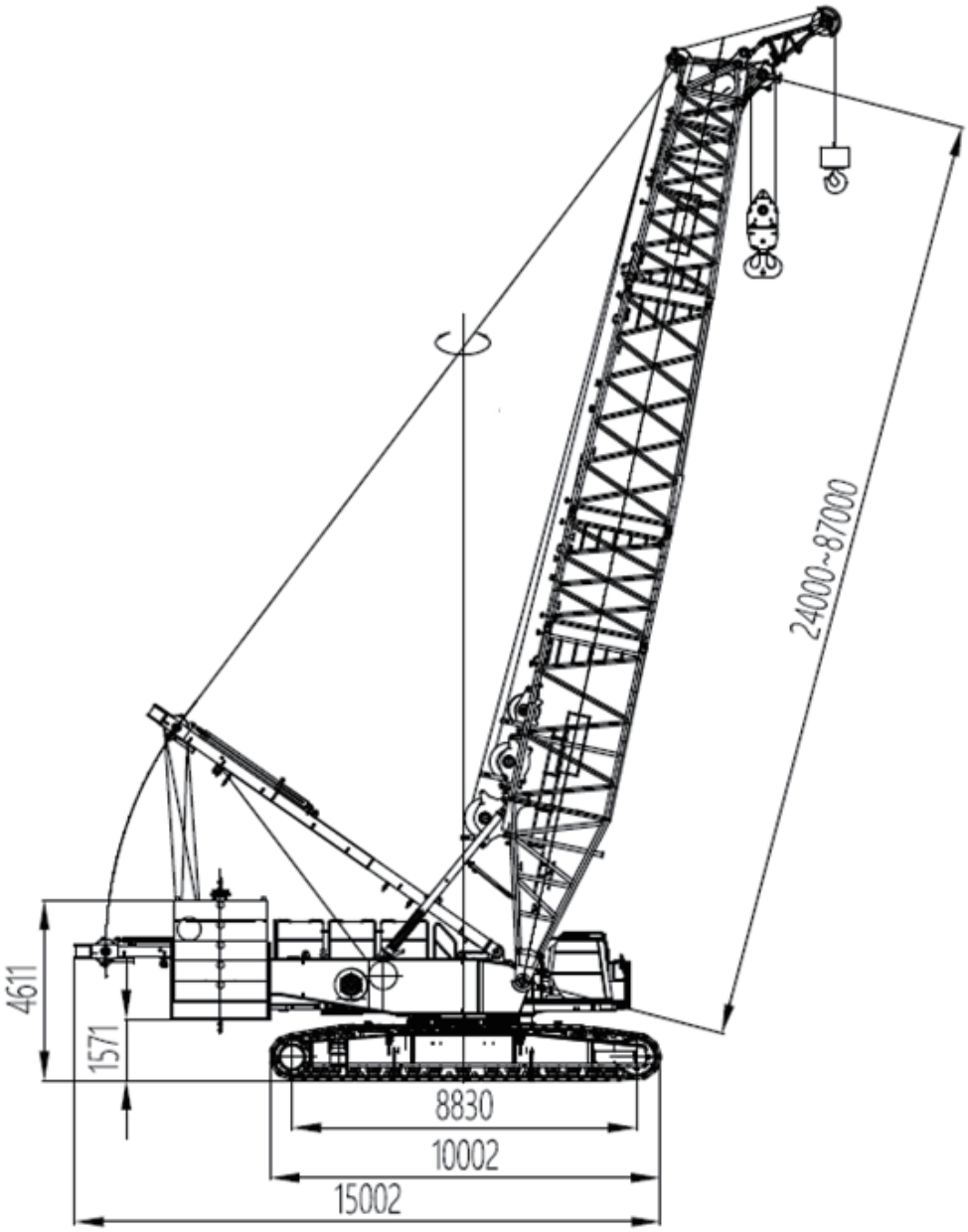
S/N	Turntable counterweight mass	Counterweight combination	Counterweight tray combination
1	120 t (optional, only for boom operation mode)	10 t × 8+5 t × 2	15 t × 2
2	130 t	10 t × 10	15 t × 2
3	140 t (optional, only for TBM jib operation mode)	10 t × 10+5 t × 2	15 t × 2

S/N	Car–body counterweight mass	Counterweight combination
1	40 t	20 t × 2

Safety protection measures	
Mode switching	The installation mode and operation mode can be switched. In the installation mode, the over-winding prevention device, boom limiter and load moment limiter do not work to facilitate crane installation. In operation mode, all safety devices are working normally.
Emergency stop	It has an emergency stop function, which can quickly stop all actions in case of emergency.
Anti-misoperation function	The handle has an anti-misoperation function. A safety protection switch is arranged on the front side of the handle. When this switch is not pressed, all action signals are shielded and the handle does not work to prevent misoperation.
Over-winding prevention function	The boom head is provided with an over-winding device to prevent the wire rope from over-winding. When lifting to a certain height, the over-winding indicator on the display is on and the lifting operation will automatically stop.
Over-releasing prevention function	The hoisting mechanism uses an encoder as a three-coil protector to avoid excessive rope release. When there are only three turns of winch wire rope left, the over-releasing indicator on the display will be on and the lowering operation will stop automatically at the same time.
Pawl locking function	The pawl locking device is used to lock the luffing winch and ensure the safe parking of the boom when it is not in operation.
Slewing locking function	It is equipped with a slewing locking device for parking and storage when the crane s tops, to lock the slewing of the superstructure.
Back-stop function	It is equipped with back-stop devices for boom and jib struts to prevent the boom and struts from tilting backward.
Boom angle limit function	The lifting operation is halted when boom reaches the designated angle, managed by dual controls from a load moment limiter and a stroke switch. If boom angle falls below the specified angle, the lowering operation is automatically halted and controlled by the load moment limiter, which also emits an audible alarm.
Anti-drop function of hook	The hook is provided with hook latch to prevent the sling hung on the hook head from falling off.
Safety protection function of hydraulic system	It is provided with the hydraulic balance valve, hydraulic overflow valve and other devices to ensure the stability and safety of the system during operation.
Load moment limiter system	Detection function: The load moment limiter can automatically detect the angle and lifting load of boom. Display function: color large-screen touch LCD (12.1 inches). Lifting operation parameters such as lifting percentage, actual lifting capacity, rated lifting capacity, operating radius, boom length, angle, maximum lifting height, operation mode code,

Safety protection measures	
	parts of line, limit angle and information code are displayed in Chinese (or English) and graphics. Warning function: It has complete functions of early warning and overload stop operation. If the actual load exceeds the designated capacity or the lifting boom exceeds its limit angle, the load moment limiter will trigger an alarm and restrict the current movement. The system has the function of fault self-diagnosis.
Audible and visual alarm function	There are three-color alarm lamps and audible and visual alarms to display vehicle load and action status, and warn the driver and personnel outside the vehicle.
Illumination lamp	Lighting lamps are mounted in front of the turntable, above the cab and inside the cab for lighting.
Rearview mirror	It is located outside the cab, facilitating the operator's observation of the crane's rear.
Height lamp	The height lamp is installed on the top of the boom as a high-altitude warning.
Monitoring system	It consists of four cameras and one monitor, which can be used to monitor the rope arrangement of main winch, auxiliary winch and luffing winch, the safety of the rear part of the vehicle body and the lifting condition of the boom head.
Anemometer	The current wind speed is detected in real time and transmitted to the monitor of the cab to remind operators to pay attention to the safety of wind load.
Level gauge	Electronic and mechanical level gauges, which can display the inclination of the road surface in use and provide machine levelness reference for operators, is provided.

Optional parts	
Hook	200 t, 32 t
Turntable counterweigh	140t (only for TBM jib operation mode), 120t (only for boom operation mode)
Mast	Including main luffing winch and steel wire rope, mast, luffing pulley block and part of the pendant of boom, which are not used when being transported with the basic crane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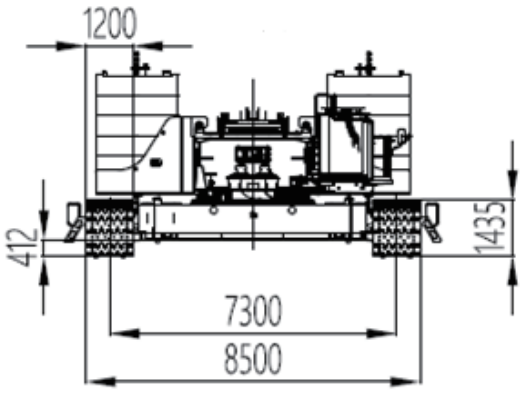
1200
412
1435
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Max. rated lifting capacity	Unit	Value
Operation mode of heavy duty boom	t	350
Operation mode of light duty boom	t	140
Operation mode of tower jib	t	140
Operation Mode of fixed jib	t	135
Operation Mode of TBM jib	t	130

Max. lifting moment	Unit	Value
Max. lifting moment	t.m	2039

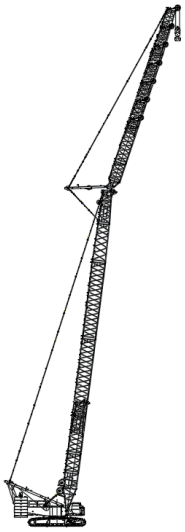
Dimension parameters	Unit	Value
Length of heavy-duty boom	m	24 ~ 87
Length of light-duty boom	m	58.5 ~ 100.5
Length of tower jib	m	19 ~ 64
Length of fixed jib	m	13 ~ 31
Length of TBM jib	m	10

Engine	Unit	Value
Rated power	kW	247
Emission standard	–	Off-road Euro III

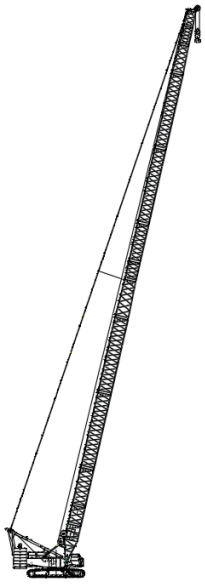
Speed parameters	Unit	Value
Max. single rope speed for hoisting	m/min	130
Max. single rope speed for boom luffing	m/min	2×47
Max. single rope speed for tower jib luffing	m/min	140
Max. slewing speed	rpm	0.9
Max. travel speed	km/h	1.0

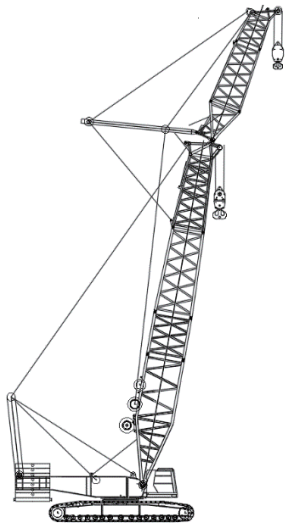
	Unit	Value
Overall weight of the crane (based on 24m boom and 260t hook)	t	292
Average ground pressure	MPa	0.14
Gradeability	–	30%
Max. mass of detachable single piece during transport	t	40
Max. dimension of single-piece dimension during transport (length × width × height)	m	11.6×3.0×3.3

Operation modes and lifting performances XLC350



Operation mode of heavy duty boom (HB)	Operation mode of fixed Jib (HF)	Operation mode of tower jib (HW)
Main boom: 24~87m	Main boom: 30~69m Fixed jib: 13~31m	Main boom: 24~60m Tower jib: 19~64m





Operation mode of light duty boom (LB)	Operation mode of TBM jib (TBF)
Main boom: 58.5~100.5m	Main boom: 24m TBM jib: 10m

HB

Name	24	27	30	33	36	39	42	45	48	51	54
Bottom section of boom 9m	1	1	1	1	1	1	1	1	1	1	1
Intermediate section of boom 3m section A	1		1		1		1		1		1
Intermediate section of boom 6m section A		1	1			1	1			1	1
Intermediate section of boom 12m section A				1	1	1	1	2	2	2	2
Transition section of boom 6m	1	1	1	1	1	1	1	1	1	1	1
Intermediate section of boom 3m section B											
Intermediate section of boom 6m section B											
Intermediate section of boom 12m section B											
Top section of boom 6m	1	1	1	1	1	1	1	1	1	1	1

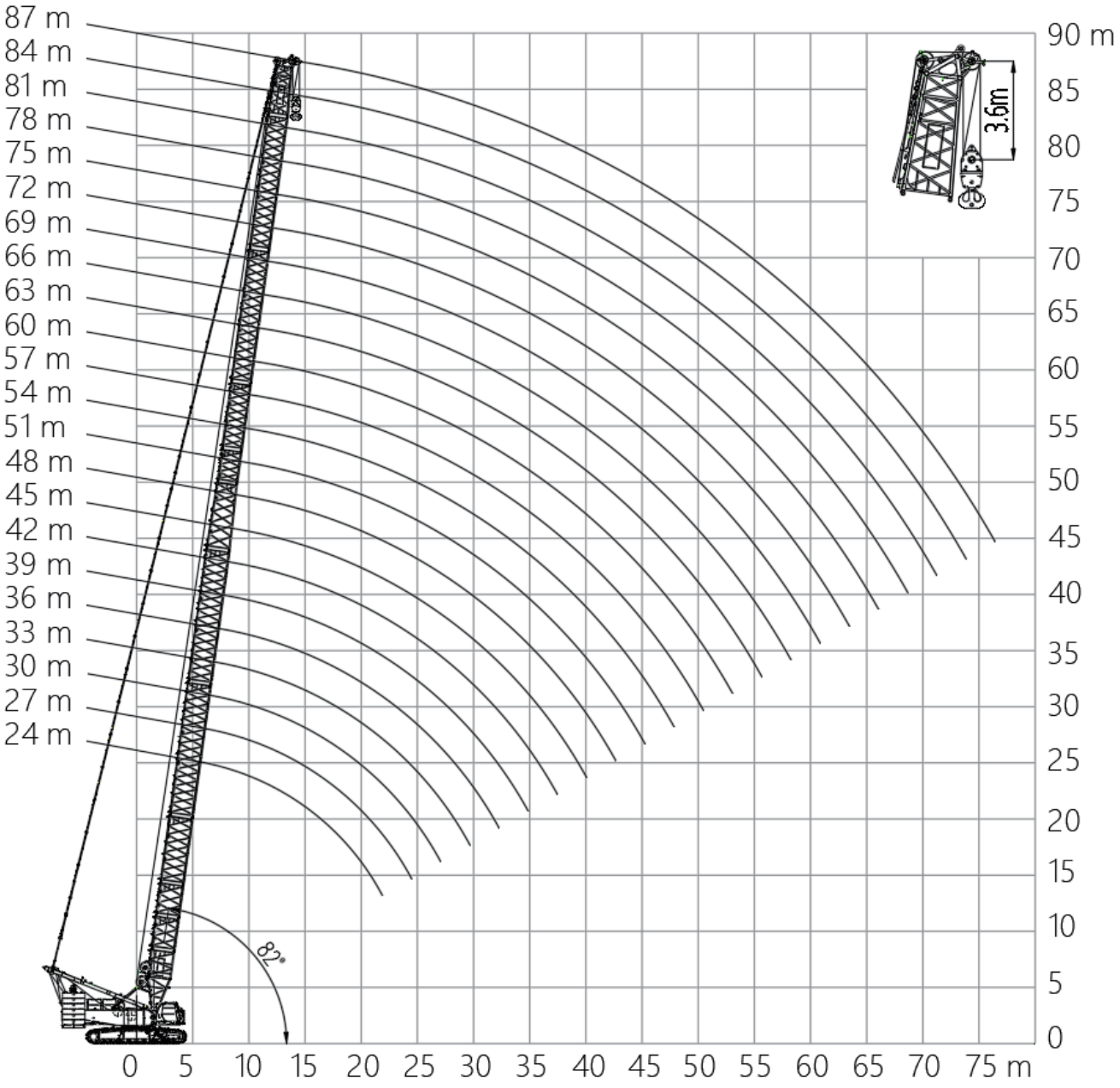
Notes: 1. "*" indicates that center hitch is required.
2. Tower jib rear pendants shall be removed from boom section, tower jib guide pulley shall be removed from boom top section.

HB

Name	57	60	63	66	69	72	75	78	81*	84*	87*
Bottom section of boom 9m	1	1	1	1	1	1	1	1	1	1	1
Intermediate section of boom 3m section A		1		1	1	1	1	1	1	1	1
Intermediate section of boom 6m section A			1	1	1	1	1	1	1	1	1
Intermediate section of boom 12m section A	2	2	2	2	2	2	2	2	2	2	2
Transition section of boom 6m	1	1	1	1	1	1	1	1	1	1	1
Intermediate section of boom 3m section B					1		1		1		1
Intermediate section of boom 6m section B						1	1			1	1
Intermediate section of boom 12m section B	1	1	1	1	1	1	1	2	2	2	2
Top section of boom 6m	1	1	1	1	1	1	1	1	1	1	1

Notes: 1. "*" indicates that center hitch is required.
2. Tower jib rear pendants shall be removed from boom section, tower jib guide pulley shall be removed from boom top section.

HB


87 m
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3.6m
82°
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 m

HB

Boom Length 24～54m

m	24	27	30	33	36	39	42	45	48	51	54
8					253.1	234.5	215.1				
9		226.9	226.6	226.5	226.1	224.7	214.9	205.1	194.8	184.4	
10	203.9	203.8	203.4	203.3	203	199.1	194.2	189.4	184.9	180.4	173.8
11	184.9	184.8	184.4	184.3	182.6	178.6	174.5	170.5	166.7	163	159.5
12	169	168	166.1	164.2	162.3	160.4	158.2	154.9	151.6	148.5	145.4
13	150.9	150.7	149.1	147.5	145.9	144.3	142.7	141.1	138.9	136.2	133.5
14	135.3	135.4	135.1	133.8	132.4	131	129.6	128.2	126.9	125.6	123.3
15	122.5	122.6	122.5	122.3	121	119.8	118.6	117.4	116.2	115.8	114.4
16	111.8	111.9	111.8	111.8	111.4	110.3	109.2	108.1	107	106.7	105.7
17	102.6	102.7	102.6	102.7	102.5	102.1	101	100.1	99.1	98.9	98
18	94.8	94.9	94.8	94.8	94.6	94.5	94	93.1	92.2	92	91.1
19	87.9	88	87.9	88	87.8	87.6	87.4	87	86.1	85.9	85.1
20	81.9	82	81.9	82	81.8	81.6	81.4	81.3	80.7	80.5	79.8
22	71.8	72	71.9	71.9	71.7	71.6	71.3	71.2	70.9	70.7	70.4
24		63.9	63.8	63.8	63.7	63.5	63.3	63.1	62.9	62.6	62.3
26			57.1	57.2	57	56.9	56.6	56.5	56.2	56	55.7
28				51.6	51.5	51.3	51.1	50.9	50.7	50.4	50.1
30				46.9	46.7	46.6	46.3	46.2	45.9	45.7	45.4
32					42.7	42.5	42.3	42.2	41.9	41.7	41.3
34						39	38.8	38.7	38.4	38.1	37.8
36							35.7	35.6	35.3	35	34.7
38							32.9	32.8	32.5	32.3	32
40								30.4	30.1	29.9	29.6
42									27.9	27.7	27.4
44										25.7	25.4
46											23.6
48											21.9

HB

Boom Length 57~87m

m	57	60	63	66	69	72	75	78	81*	84*	87*
10	162.9										
11	156.3	151.9	149.7	140.6							
12	142.8	139.9	137.1	134.4	131.6	129	124.3				
13	131.2	128.7	126.2	123.8	121.4	119.2	116.9	111.1	105.9	97.2	
14	121.3	119.1	116.9	114.7	112.5	110.6	108.5	106.9	104.4	95.8	88.6
15	112.7	110.6	108.7	106.7	104.7	103	101.1	99.7	97.8	94.5	87.3
16	105	103.2	101.5	99.7	97.9	96.3	94.5	93.3	91.5	90	86
17	97.3	96.4	95	93.4	91.7	90.3	88.7	87.5	85.9	84.5	83
18	90.5	89.7	88.9	87.8	86.2	84.9	83.4	82.4	80.8	79.6	78.2
19	84.6	83.8	83.1	82.3	81.3	80.1	78.7	77.7	76.3	75.1	73.8
20	79.3	78.6	77.9	77.1	76.4	75.7	74.3	73.5	72.1	71	69.7
22	70.3	69.7	69	68.4	67.6	67.1	66.4	66	64.8	63.9	62.7
24	62.4	62.1	61.8	61.2	60.5	60	59.3	59	58.3	57.8	56.7
26	55.7	55.5	55.2	54.9	54.5	54	53.4	53.1	52.5	52	51.4
28	50.2	49.9	49.6	49.3	48.9	48.7	48.4	48.2	47.5	47.1	46.5
30	45.5	45.2	44.9	44.6	44.2	44	43.6	43.6	43.2	42.8	42.3
32	41.4	41.1	40.8	40.5	40.1	39.9	39.5	39.6	39.1	38.9	38.5
34	37.9	37.6	37.3	37	36.6	36.4	36	36	35.6	35.3	34.9
36	34.8	34.5	34.2	33.9	33.5	33.3	32.9	32.9	32.4	32.2	31.8
38	32.1	31.8	31.5	31.1	30.7	30.5	30.1	30.2	29.7	29.5	29.1
40	29.6	29.3	29	28.7	28.3	28.1	27.7	27.7	27.3	27	26.6
42	27.5	27.1	26.9	26.5	26.1	25.9	25.5	25.5	25.1	24.8	24.4
44	25.5	25.2	24.9	24.5	24.1	23.9	23.5	23.5	23.1	22.9	22.4
46	23.7	23.4	23.1	22.8	22.3	22.1	21.7	21.8	21.3	21.1	20.6

HB

Boom Length 57～87m

m	57	60	63	66	69	72	75	78	81*	84*	87*
48	22.1	21.7	21.5	21.1	20.7	20.5	20.1	20.1	19.7	19.4	19
50	20.6	20.2	20	19.6	19.2	19	18.6	18.6	18.2	17.9	17.5
52		18.9	18.6	18.3	17.8	17.7	17.2	17.3	16.8	16.6	16.2
54			17.3	17	16.6	16.4	16	16	15.5	15.3	14.9
56			16.2	15.8	15.4	15.2	14.8	14.8	14.4	14.2	13.7
58				14.7	14.3	14.1	13.7	13.8	13.3	13.1	12.6
60					13.3	13.1	12.7	12.8	12.3	12.1	11.6
62						12.2	11.8	11.8	11.4	11.1	10.7
64							10.9	10.9	10.5	10.3	9.8
66							10.1	10.1	9.6	9.4	9
68								9.3	8.9	8.7	8.2
70									8.1	7.9	7.5
74										6.6	6.2
76											5.5

Notes:

1. The actual lifting capacity must be calculated by subtracting the weight of hook, sling and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
2. The rated load specified in the table is based on conditions where the ground is level and firm, the load is lifted slowly and smoothly, and the crane remains stationary during lifting operations.
3. The rated load in the table is based on the calculations of the boom without rear pendant, tower jib guide pulley and boom point single pulley.
4. Tower jib rear pendants shall be removed from boom section, tower jib guide pulley shall be removed from boom top section.
5. If the boom is longer than 78m, an center hitch shall be used at the position marked with “*”. If the boom is longer than 84m, a wedge is recommended to assist boom raising.

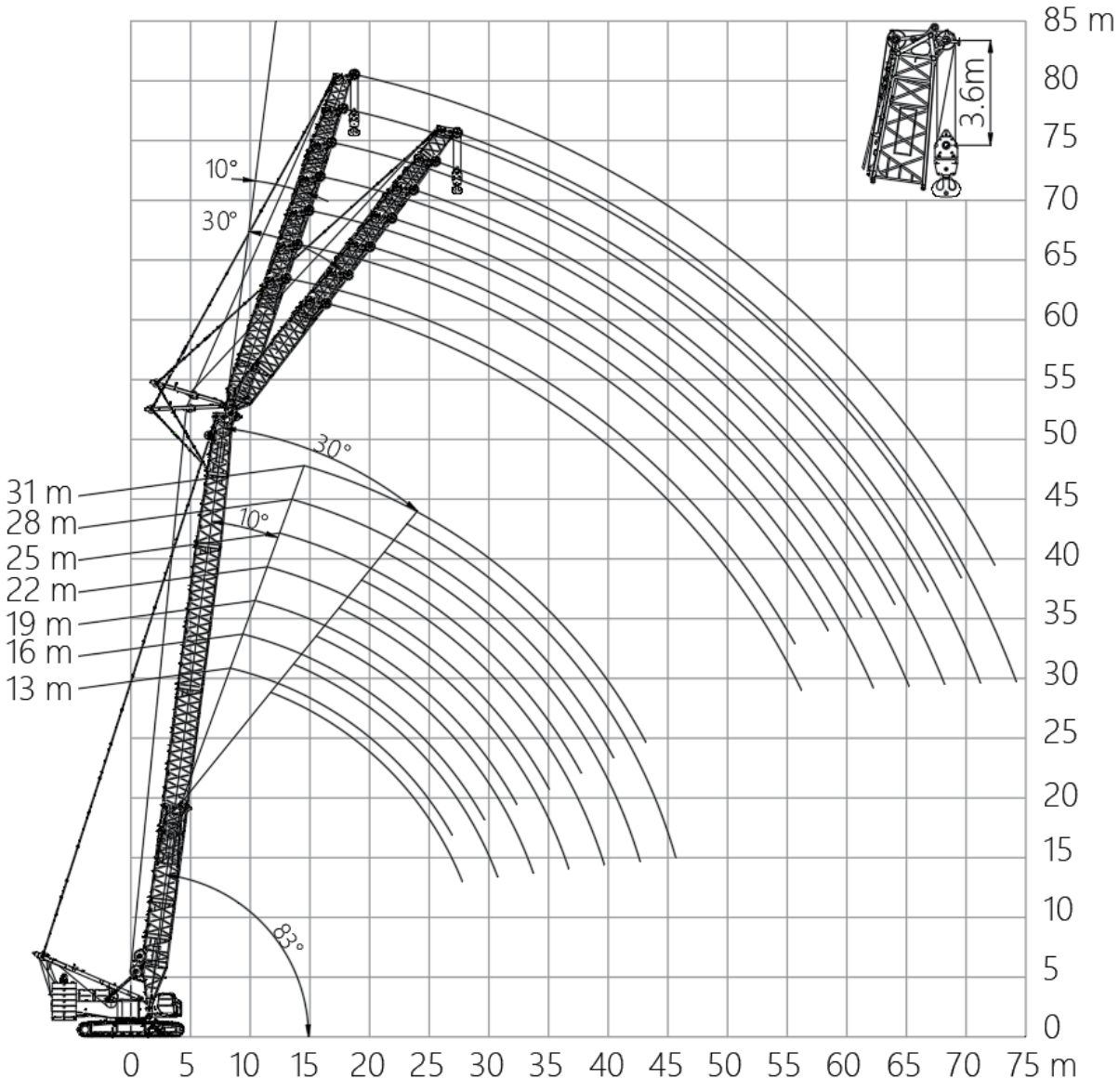
HF

Name	Boom length (m)													
	30	33	36	39	42	45	48	51	54	57	60	63	66	69
Bottom sectionof boom 9m	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3m intermediate sectionA of boom	1	0	1	0	1	0	1	0	1	0	1	0	1	1
6m intermediate section A of boom	1	0	0	1	1	0	0	1	1	0	0	1	1	1
12m intermediate section A of boom	0	1	1	1	1	2	2	2	2	2	2	2	2	2
Transition section of boom 6m	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3m intermediate section B of boom	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6m intermediate section B of boom	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12m intermediate section of boom	0	0	0	0	0	0	0	0	0	1	1	1	1	1
Top section of boom6m	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Name	Jib length (m)													
	13	16	19	22	25	28	31	–	–	–	–	–	–	–
Bottom section of tower jib2.5m	1	1	1	1	1	1	1							
3m intermediate section B	1	1	1	1	1	1	1							
6m intermediate section B			1	1	1		1							
12m intermediate section B						1	1							
Transition section of tower jib 4.5m	1	1	1	1	1	1	1							
3m intermediate section C		1		1		1								
6m intermediate section C					1									
Top section of tower jib 3m	1	1	1	1	1	1	1							

Notes: 1. Tower jib rear pendant shall be removed from boom section, jib guide pulley shall be installed on boom top section.
2. If the combined length of boom + jib exceeds 71m, the wedge is recommended to assist boom raising.

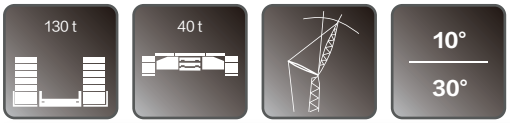
HF


85 m
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
3.6m
10°
30°
30°
10°
31 m
28 m
25 m
22 m
19 m
16 m
13 m
83°
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 m


HF

Boom Length 30~69m
Jib Length 13m

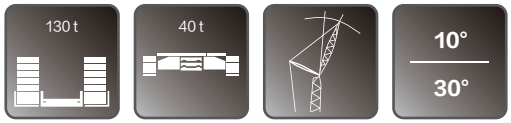
m	30		42		54		66		69	
10	135									
11	129.3		120.3							
12	122.4		115		109.8					
13	116.2		110		105.8		83.6			
14	110.6	78.8	105.5		102		82.2		79.1	
15	105.5	76.4	101.2	79.7	98.5		80.9		77.8	
16	100	74.2	97.3	77.8	95.1	73.3	79.4		76.7	
17	94.6	72.2	93.7	76	92	71.8	78.3	59.3	75.5	58.7
18	89.8	70.3	89.8	74.2	87	70.3	77.1	58.5	74.4	58
19	85.5	68.5	85.8	72.5	81.8	68.9	75.8	57.8	73.3	57.3
20	81.6	66.8	81	70.9	77.1	67.6	72.3	57.1	71.1	56.6
22	71.5	63.8	70.5	68	69	65.1	64.7	55.7	63.5	55.4
24	63.1	61.1	62.1	63.9	61	62.7	58.2	54.5	57.2	54.2
26	56.3	57.4	55.2	56.7	54.1	56	52.7	53.3	51.7	53
28	50.5	51.5	49.4	50.8	48.3	50	47.4	49.3	47	49
30	45.6	46.4	44.5	45.7	43.4	44.9	42.4	44.2	42	43.9
32	41.4	42.1	40.3	41.3	39.1	40.5	38.2	39.7	37.8	39.4
34	37.7	38.2	36.7	37.5	35.5	36.6	34.5	35.9	34.1	35.6
36	34.5	34.9	33.4	34.2	32.2	33.3	31.2	32.5	30.8	32.2
38	31.6	31.8	30.6	31.2	29.4	30.3	28.4	29.5	28	29.2



HF

Boom Length 30~69m
Jib Length 13m

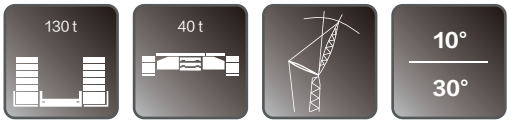
m	30	42		54		66		69	
40	29	28	28.6	26.8	27.7	25.8	26.9	25.4	26.5
42		25.8	26.2	24.5	25.3	23.5	24.5	23.1	24.1
44		23.7	24	22.5	23.1	21.4	22.3	21	22
46		21.8	22	20.6	21.2	19.6	20.4	19.2	20
48		20.1		18.9	19.4	17.9	18.6	17.5	18.2
50		18.5		17.3	17.7	16.3	16.9	15.9	16.6
52				15.9	16.2	14.9	15.4	14.5	15.1
54				14.6	14.8	13.5	14	13.1	13.7
56				13.3	13.5	12.3	12.7	11.9	12.4
58				12.2		11.2	11.5	10.8	11.2
60				11.1		10.1	10.4	9.7	10.1
62						9.1	9.4	8.7	9
64						8.2	8.4	7.8	8
66						7.3		6.9	7.1
68						6.5		6.1	6.2
70						5.7		5.3	
72								4.6	
74								3.9	



HF

Boom Length 30~66m
Jib Length 16m

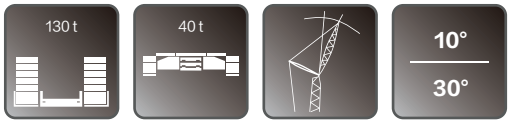
m	30		42		54		66	
11	113.8							
12	107.8		100.8					
13	102.4		96.5		92.6			
14	97.4		92.5		89.3		74.4	
15	92.9		88.8		86.2		73	
16	88.8	65.2	85.3		83.3		71.9	
17	84.3	64.2	82.1	65.3	80.5		70.7	
18	79.9	63.2	79.2	63.8	77.9	60.2	69.5	
19	76	62.3	75.8	62.3	75.5	59.1	68.2	50
20	72.4	60.8	72.5	61	73.2	57.9	67.2	49.3
22	66.2	57.9	66.8	58.4	68.2	55.8	64.4	48.1
24	60.9	55.3	61.8	56.1	61.5	53.8	58	47
26	56.4	52.9	55.6	53.4	54.5	51.9	52.5	45.9
28	51	50.9	49.8	50.8	48.7	49.6	47.8	44.9
30	46.1	47.2	44.9	46.5	43.8	45.7	42.8	43.9
32	41.9	42.8	40.7	42.1	39.5	41.2	38.5	40.5
34	38.2	39	37	38.2	35.8	37.4	34.8	36.6
36	35	35.6	33.8	34.9	32.6	34	31.5	33.2
38	32.1	32.6	30.9	31.9	29.7	31	28.7	30.2
40	29.5	29.9	28.4	29.2	27.2	28.3	26.1	27.5



HF

Boom Length 30~66m
Jib Length 16m

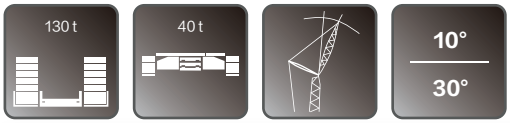
m	30	42		54		66	
42	27.2	26.1	26.8	24.9	25.9	23.8	25.1
44		24	24.6	22.8	23.7	21.7	22.9
46		22.2	22.6	20.9	21.7	19.8	20.9
48		20.4	20.8	19.2	19.9	18.1	19.1
50		18.8	19.1	17.6	18.3	16.6	17.4
52		17.4		16.2	16.7	15.1	15.9
54				14.9	15.3	13.8	14.5
56				13.6	14	12.6	13.2
58				12.5	12.8	11.4	12
60				11.4		10.3	10.8
62				10.4		9.3	9.8
64				9.4		8.4	8.8
66						7.5	7.8
68						6.7	6.9
70						5.9	
72						5.2	
74						4.5	



HF

Boom Length 30~63m
Jib Length 19m

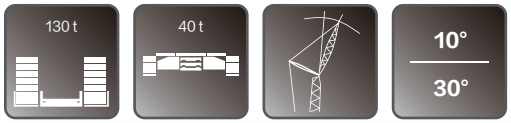
m	30		42		54		63	
12	96.8							
13	91.9		86.1					
14	87.4		82.5		79.5		69.5	
15	83.4		79.2		76.7		67.8	
16	79.6		76.1		74		66.3	
17	76	55.6	73.2		71.5		64.8	
18	72	54.6	70.6	55.9	69.2		63.3	
19	68.4	53.8	67.7	54.6	67.1	51.6	62	
20	65.2	52.9	64.7	53.4	65	50.6	60.7	43.3
22	59.5	51.3	59.5	51.2	60.5	48.7	58.2	42.2
24	54.7	49.9	55.1	49.1	56.2	46.9	56	41.1
26	50.6	48	51.2	47	52.5	45.3	52.7	40
28	47	46	47.8	44.7	48.7	43.5	48	39.1
30	43.9	44.2	44.9	42.6	43.7	41.6	43	38.2
32	41.1	42.5	40.7	40.7	39.5	39.9	38.8	37.4
34	38.2	39.3	37	38.5	35.7	37.7	35	36.6
36	35	35.9	33.7	35.1	32.5	34.2	31.8	33.7
38	32.1	32.9	30.9	32.1	29.6	31.2	28.9	30.7
40	29.5	30.2	28.3	29.4	27	28.5	26.3	28
42	27.2	27.7	26	27	24.7	26.1	24	25.5



HF

Boom Length 30~63m
Jib Length 19m

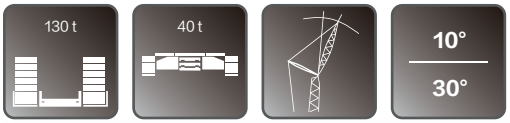
m	30		42		54		63	
44	25.1	25.5	23.9	24.8	22.7	23.9	21.9	23.3
46	23.2		22.1	22.8	20.8	21.9	20	21.3
48			20.3	21	19.1	20	18.3	19.5
50			18.8	19.3	17.5	18.4	16.7	17.8
52			17.3	17.7	16	16.8	15.3	16.3
54			15.9		14.7	15.4	13.9	14.8
56			14.7		13.5	14	12.7	13.5
58					12.3	12.8	11.6	12.3
60					11.2	11.6	10.5	11.1
62					10.2	10.5	9.5	10
64					9.3		8.5	9
66					8.3		7.7	8.1
68							6.8	7.2
70							6	
72							5.3	
74							4.6	



HF

Boom Length 30~63m
Jib Length 22m

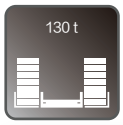
m	30		42		54		63	
12	89.1							
13	84.6		78.8					
14	80.5		75.5		72.6			
15	76.7		72.5		70		62.5	62.5
16	73.3		69.6		67.6		61.1	61.1
17	70.1		67		65.3		59.5	59.5
18	67		64.5		63.1		58.2	58.2
19	63.6	48.1	62.2		61.1		56.9	56.9
20	60.5	47.3	59.7	48.1	59.2		55.6	55.6
22	55.1	45.7	54.8	46	55.5	43.7	53.3	53.3
24	50.6	44.3	50.6	44.1	51.5	42.1	51.1	51.1
26	46.7	43	47	42.4	48	40.6	48.1	48.1
28	43.3	41.8	43.8	40.5	45	39.1	45.2	45.2
30	40.4	40.7	41	38.6	42.3	37.5	42.5	42.5
32	37.8	39.2	38.5	36.8	39.7	35.8	39	39
34	35.5	37.4	36.3	35.2	36	34.4	35.2	35.2
36	33.4	35.7	34	33.7	32.7	33	31.9	31.9
38	31.6	33.4	31.1	32.4	29.8	31.7	29	29
40	29.8	30.7	28.5	29.9	27.2	29	26.5	26.5
42	27.5	28.3	26.2	27.5	24.9	26.5	24.1	24.1



HF

Boom Length 30~63m
Jib Length 22m

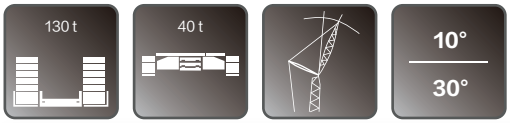
m	30		42		54		63	
44	25.4	26	24.2	24.2	22.8	24.3	22.1	23.8
46	23.5	24	22.3	22.3	20.9	22.3	20.2	21.7
48	21.7		20.5	20.5	19.2	20.4	18.4	19.9
50			19	19	17.6	18.8	16.9	18.2
52			17.5	17.5	16.2	17.2	15.4	16.6
54			16.2	16.2	14.9	15.8	14.1	15.2
56			14.9	14.9	13.6	14.4	12.8	13.9
58			13.7	13.7	12.5	13.2	11.7	12.6
60					11.4	12	10.6	11.5
62					10.4	10.9	9.6	10.4
64					9.4	9.8	8.7	9.3
66					8.5		7.8	8.4
68					7.7		7	7.5
70					6.9		6.2	6.6
72							5.4	5.8
74							4.7	
76							4	




HF

Boom Length 30~60m
Jib Length 25m

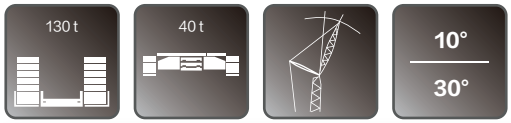
m	30		42		54		60	
13	78.5							
14	74.7		69.8					
15	71.2		67		64.5			
16	68		64.4		62.2		56.8	
17	65.1		61.9		60.1		55.4	
18	62.4		59.6		58.1		54	
19	59.7		57.5		56.3		52.8	
20	56.7		55.5		54.5		51.5	
22	51.6	41.4	51	41.9	51.3		49.2	
24	47.3	40.1	47	40.2	47.7	38.1	47.1	33.6
26	43.6	38.8	43.6	38.6	44.4	36.8	44.2	32.7
28	40.4	37.6	40.6	37.1	41.5	35.5	41.4	31.8
30	37.6	36.6	37.9	35.4	39	34.2	38.9	30.9
32	35.1	35.6	35.6	33.7	36.7	32.7	36.7	30.2
34	33	34.5	33.5	32.2	34.6	31.3	34.8	29.4
36	31	32.9	31.7	30.9	32.8	30.1	32.5	28.7
38	29.3	31.4	30	29.6	30.1	28.9	29.6	28.1
40	27.7	30.1	28.4	28.4	27.5	27.8	27	27.2
42	26.2	28.9	26.5	27.4	25.2	26.8	24.7	26.3
44	24.9	26.6	24.4	25.8	23.1	24.9	22.6	24.5



HF

Boom Length 30~60m
Jib Length 25m

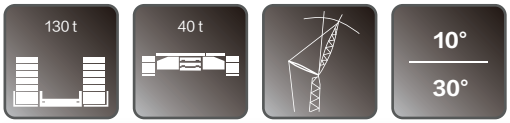
m	30		42		54		60	
46	23.7	24.6	22.6	23.8	21.2	22.8	20.7	22.5
48	22.1	22.7	20.8	21.9	19.5	21	19	20.6
50	20.5	20.9	19.3	20.2	17.9	19.3	17.4	18.9
52	19		17.8	18.6	16.4	17.7	16	17.4
54			16.5	17.2	15.1	16.2	14.6	15.9
56			15.2	15.8	13.9	14.9	13.4	14.6
58			14	14.5	12.7	13.6	12.2	13.3
60			12.9		11.6	12.5	11.2	12.1
62			11.9		10.6	11.3	10.2	11
64					9.7	10.3	9.2	10
66					8.8	9.3	8.3	9
68					7.9	8.4	7.5	8.1
70					7.1		6.7	7.2
72					6.4		6	6.4
74							5.2	
76							4.6	



HF

Boom Length 30~57m
Jib Length 28m

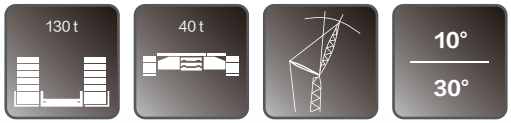
m	30		42		54		57	
14	70.3							
15	67		62.7					
16	64		60.2		58.1		53.4	
17	61.2		57.9		56.1		52	
18	58.6		55.7		54.2		50.6	
19	56.2		53.7		52.4		49.3	
20	53.5		51.8		50.7		48.1	
22	48.6	37.9	47.7		47.7		45.8	
24	44.4	36.5	43.9	36.9	44.6	34.8	43.7	
26	40.8	35.3	40.6	35.4	41.3	33.5	40.8	29.9
28	37.8	34.2	37.7	34	38.5	32.3	38.1	29
30	35.1	33.1	35.2	32.6	36	31.2	35.8	28.2
32	32.7	32.2	33.1	31	33.9	29.9	33.7	27.4
34	30.6	31.3	31.1	29.5	31.9	28.6	31.7	26.7
36	28.8	30.3	29.2	28.2	30.2	27.4	30	26
38	27.1	28.9	27.6	27	28.6	26.3	28.4	25.3
40	25.6	27.6	26.1	25.9	27.1	25.3	27	24.7
42	24.2	26.5	24.8	24.9	25.1	24.3	25	23.9
44	22.9	25.4	23.5	23.9	23	23.4	22.9	23
46	21.8	24.5	22.4	23.1	21.1	22.6	21	22.2



HF

Boom Length 30~57m
Jib Length 28m

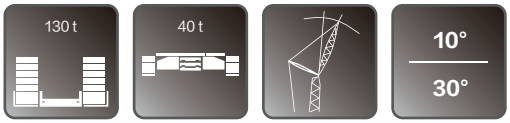
m	30		42		54		57	
48	20.7	22.9	20.7	22.1	19.4	21.1	19.2	21
50	19.7	21.2	19.2	20.4	17.8	19.4	17.7	19.3
52	18.8	19.6	17.7	18.8	16.3	17.8	16.2	17.7
54	17.7		16.4	17.3	15	16.4	14.9	16.3
56			15.1	16	13.7	15	13.6	14.9
58			14	14.7	12.6	13.7	12.5	13.7
60			12.9	13.5	11.5	12.6	11.4	12.5
62			11.8	12.3	10.5	11.4	10.4	11.4
64			10.9		9.6	10.4	9.4	10.4
66					8.7	9.4	8.6	9.4
68					7.8	8.5	7.7	8.4
70					7	7.6	6.9	7.6
72					6.3		6.2	6.7
74					5.6		5.5	
76							4.8	



HF

Boom Length 30~57m
Jib Length 31m

m	30		42		54		57	
15	61.8							
16	59		55					
17	56.4		52.9		51		47.4	
18	54.1		50.9		49.3		46.2	
19	51.9		49.1		47.7		45	
20	49.8		47.4		46.2		43.9	
22	45.2		43.9		43.3		41.7	
24	41.2	33	40.3		40.5		39.8	
26	37.9	31.8	37.3	32.2	37.6	30.3	37.2	
28	35	30.8	34.6	30.9	35.1	29.2	34.7	26.1
30	32.5	29.8	32.3	29.7	32.8	28.2	32.6	25.3
32	30.3	28.9	30.2	28.3	30.8	27.1	30.5	24.6
34	28.3	28	28.3	26.9	29	25.9	28.8	23.9
36	26.5	27.3	26.6	25.7	27.4	24.8	27.2	23.2
38	24.9	26.5	25.1	24.5	25.9	23.7	25.7	22.6
40	23.5	25.3	23.8	23.5	24.5	22.8	24.4	22.1
42	22.2	24.2	22.5	22.5	23.3	21.9	23.2	21.4
44	21	23.2	21.3	21.6	22.1	21	22.1	20.6



HF

Boom Length 30~57m
Jib Length 31m

m	30		42		54		57	
46	20	22.3	20.3	20.8	21	20.3	20.8	19.9
48	18.9	21.4	19.3	20	19.2	19.6	19.1	19.2
50	18	20.6	18.4	19.3	17.6	18.9	17.5	18.5
52	17.1	19.7	17.5	18.6	16.2	17.9	16	17.8
54	16.3	18.2	16.2	17.4	14.8	16.4	14.7	16.3
56	15.5		14.9	16	13.6	15	13.4	14.9
58			13.8	14.7	12.4	13.7	12.3	13.7
60			12.7	13.5	11.3	12.6	11.2	12.5
62			11.7	12.4	10.3	11.4	10.2	11.4
64			10.7	11.3	9.4	10.4	9.2	10.3
66			9.8		8.5	9.4	8.3	9.3
68			8.9		7.6	8.4	7.5	8.4
70					6.8	7.5	6.7	7.5
72					6.1	6.7	6	6.7
74					5.3	5.9	5.2	5.8
76					4.7		4.6	5.1

Notes:
1. The actual lifting capacity must be calculated by subtracting the weight of hook, sling and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
2. The rated load in the table is the value when the heavy load is slowly and stably lifted on a horizontal and hard ground with a slope of not more than 1%, and non-traveling lifting operation.
3. The load value refers to the free hanging state of heavy loads, without considering the influence of wind load on lifting capacity, ground condition, ground slope, operating speed and any other factors that have negative impact on safe operation of equipment. Therefore, it is the operator’ s responsibility to judge the current situation, reduce the load and slow down the speed accordingly.
4. If the combined length of boom + jib exceeds 71m, a wedge is recommended to assist boom raising.
5. When using F13 fixed jib operation mode, a hook with a weight of not less than 3.9t must be used for the fixed jib.

HW

Name	Boom length (m)															
	24	27	30	33	36	39	42	45	48	51	54	57	60	–	–	–
Bottom section of boom 9m	1	1	1	1	1	1	1	1	1	1	1	1	1			
3m intermediate section A of boom	1	0	1	0	1	0	1	0	1	0	1	0	1			
6m intermediate section A of boom	0	1	1	0	0	1	1	0	0	1	1	0	0			
12m intermediate section A of boom	0	0	0	1	1	1	1	2	2	2	2	2	2			
Transition section of boom 6m	1	1	1	1	1	1	1	1	1	1	1	1	1			
12m intermediate section of boom	0	0	0	0	0	0	0	0	0	0	0	1	1			
Top section of boom 6m	1	1	1	1	1	1	1	1	1	1	1	1	1			

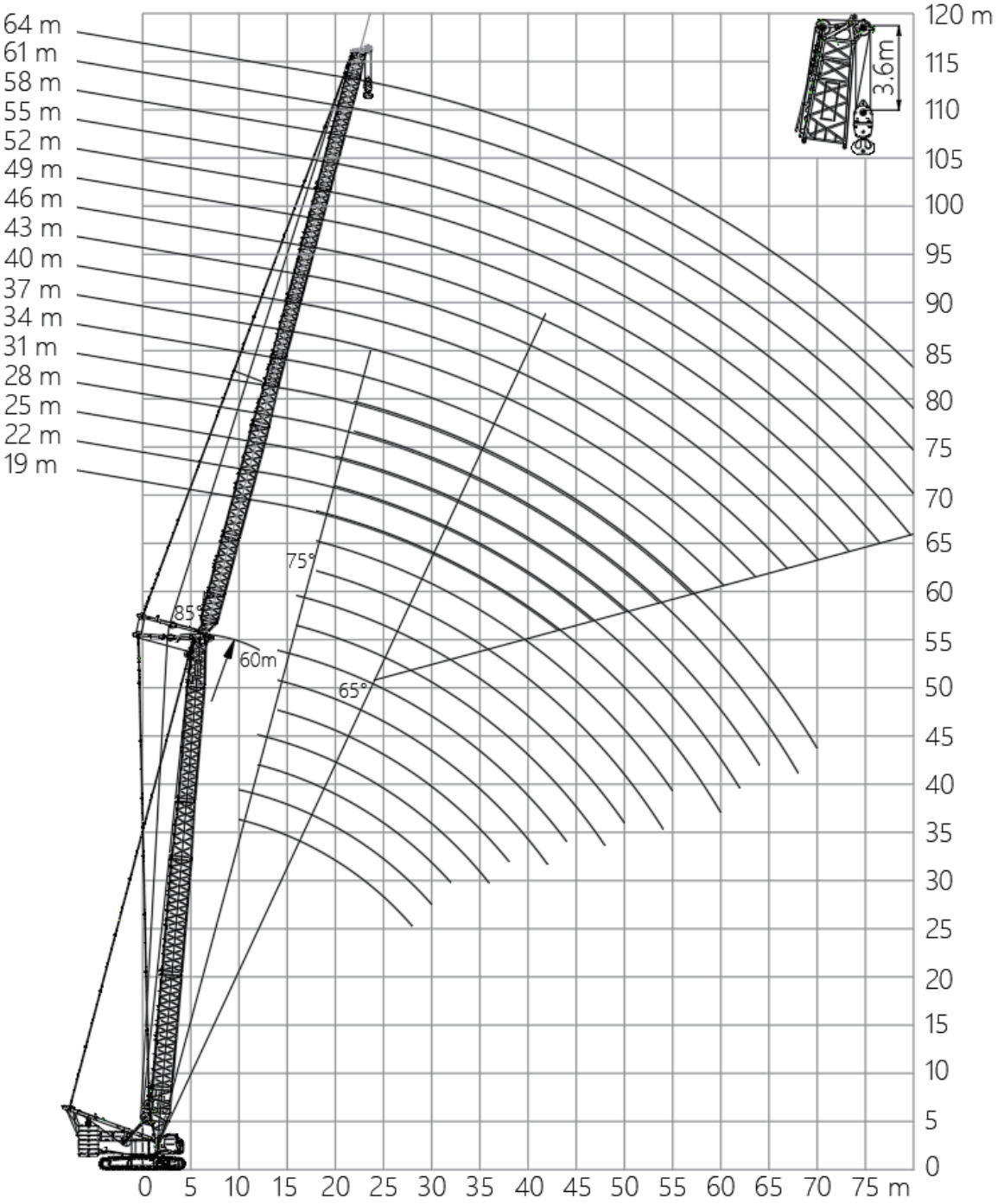
Notes: 1. Tower jib rear pendant of the tower jib shall be removed from boom section, and jib guide pulley shall be installed on boom top section.
2. If the combined length of boom + jib exceeds 71m, the wedge is recommended to assist boom raising.

HW

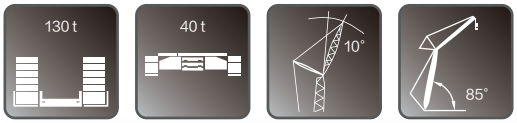
Name	Jib length (m)															
	19	22	25	28	31	34	37	40	43	46	49	52	55	58	61	64
Bottom section of tower jib 2.5m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3m intermediate section B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6m intermediate section B	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1
12m intermediate section B				1	1	1	1	1	1	1	1	1	1	1	1	1
Transition section of tower jib 4.5m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3m intermediate section C		1		1		1		1		1		1		1		1
6m intermediate section C			1				1	1			1	1			1	1
12m intermediate section C									1	1	1	1	2	2	2	2
Top section of tower jib 3m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Notes: 1. Tower jib rear pendant of the tower jib shall be removed from boom section, and jib guide pulley shall be installed on boom top section.
2. If the combined length of boom + jib exceeds 71m, the wedge is recommended to assist boom raising.

HW


64 m
61 m
58 m
55 m
52 m
49 m
46 m
43 m
40 m
37 m
34 m
31 m
28 m
25 m
22 m
19 m
120 m
115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
3.6m
75°
85°
60m
65°
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 m

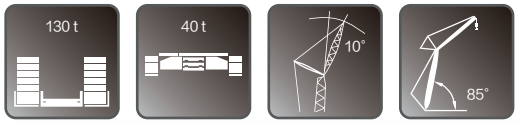
HW



Boom Length 24m
Jib Length 19~40m

m	19	22	25	28	31	34	37	40
11	140							
12	138	136	135					
13	136	135	134	133				
14	135	134	133	130.8	128.1			
15	125.6	124.3	123.1	120.7	117.6	114.4	110.8	
16	116.3	115.1	114	110.9	108.2	105.6	102.7	99.6
17	108.2	107.1	105.5	102.5	100.1	97.8	95.7	92.9
18	98.4	100.1	97.9	95.4	93.1	91.1	89.2	86.9
19	89.1	93.5	91.5	89	86.9	85.1	83.4	81.6
20	80.7	85.7	85.7	83.4	81.5	79.6	78.2	76.5
22	61.1	72.2	75.8	74	72.3	70.9	66.1	68.3
24		58.8	65.1	66.6	64.9	63.7	62.5	61.3
26			55.7	58.8	58.9	57.7	56.7	55.7
28			43.4	51.2	53.4	52.8	51.8	51
30				42.2	47	48.5	47.6	46.8
32					40.3	43.5	44.1	43.3
34					32	38.4	40.4	40.3
36						31.7	36.2	37.6
38							30.9	33.9
40							24.9	29.6
42								24.7

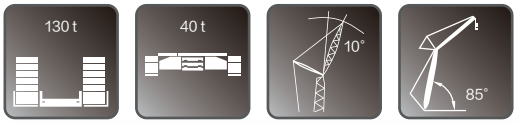
HW



Boom Length 24m
Jib Length 43~64m

m	43	46	49	52	55	58	61	64
17	90.4							
18	84.8	82.1						
19	79.6	77.5	73.8	72.2				
20	75	73.1	70.2	68.9	66			
22	67.1	65.6	63.7	62.6	60.7	57.4	51.9	47.2
24	60.5	59.3	58	56.9	55.6	53.8	50.2	45.5
26	54.9	54	52.8	52.1	51	49.7	48.1	43.8
28	50.2	49.3	48.4	47.8	47	46	44.7	42.2
30	46.2	45.4	44.7	44	43.5	42.5	41.6	39.9
32	42.8	42	41.3	40.9	40.3	39.6	38.8	37.1
34	39.7	39.1	38.4	38	37.5	36.9	36.2	34.6
36	37.1	36.5	35.8	35.4	35.1	34.5	33.9	32.3
38	34.8	34.1	33.4	33.2	32.9	32.4	31.9	30.1
40	32	32.2	31.2	31.2	30.9	30.4	30	28.2
42	28.7	30	29.1	29.4	29.1	28.7	28.3	26.4
44	24.4	27.3	27.3	27.8	27.5	27.1	26.7	24.8
46	19.9	23.6	25.6	26.3	26	25.7	25.3	23.2
48		19.8	22.8	24.2	24.7	24.3	24	21.8
50			19.4	21.6	23	23.1	22.8	20.5
52				18.7	20.8	21.7	21.7	19.3
54				15.6	18.2	19.8	20.4	18.2
56					15.5	17.4	18.8	17.2
58						15	16.6	16.2

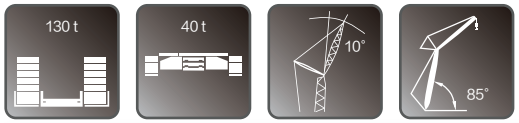
HW



Boom Length 36m
Jib Length 19～40m

m	19	22	25	28	31	34	37	40
12	135							
13	134	133	132.6					
14	128	125.6	123.4	121				
15	119.5	117.4	115.4	113.2	110.9			
16	112.1	110.1	108.3	106.3	104.2	102.5	100.9	
17	105	103.7	102.1	100.2	98.2	96.6	95.2	93.7
18	98.3	97.4	96.5	94.7	92.9	91.4	90.1	88.7
19	92.3	91.5	90.8	89.8	88.1	86.7	85.5	83.8
20	87.1	86.3	85.6	84.7	83.7	82.4	81.3	79
22	74.5	77.4	76.8	75.9	75.1	73.8	72.4	70.6
24		67.7	69.5	68.8	67.7	66.3	64.9	63.6
26		55.8	61.7	62.4	61.3	59.9	58.9	57.6
28			52.6	56.1	56	54.6	53.7	52.7
30				48.8	51.2	50.2	49.3	48.3
32				41.4	45.1	46.4	45.6	44.6
34					39.3	42	42.3	41.5
36						37.1	39.2	38.7
38						31.9	35	36.3
40							30.9	32.9
42								29.4
44								25.6

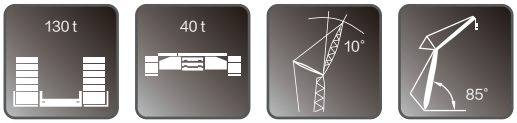
HW



Boom Length 36m
Jib Length 43~64m

m	43	46	49	52	55	58	61	64
18	85.8							
19	81.4	78						
20	76.8	74.3	70	67.9				
22	69	67.1	64.9	62.8	60.1	55		
24	62.3	60.8	59.1	57.7	55.7	53.2	48.5	44.1
26	56.7	55.3	54	53	51.6	49.8	46.9	42.7
28	51.7	50.7	49.6	48.7	47.7	46.3	44.8	41.2
30	47.6	46.7	45.8	45	44.2	43.1	41.9	39.9
32	44	43.2	42.4	41.8	41.1	40.2	39.2	37.5
34	40.9	40.1	39.4	38.8	38.3	37.5	36.7	35
36	38.1	37.5	36.8	36.3	35.8	35.1	34.4	32.7
38	35.7	35.1	34.4	34	33.5	33	32.3	30.6
40	33.6	33	32.1	31.9	31.6	31	30.5	28.7
42	31.2	31.1	30	30.1	29.7	29.2	28.7	26.9
44	28.2	29.3	28.1	28.4	28.1	27.7	27.2	25.2
46	25.1	26.7	26.4	26.9	26.6	26.2	25.7	23.7
48		24	24.8	25.5	25.2	24.8	24.4	22.3
50		20.7	22.9	23.8	24	23.6	23.2	21
52			20.5	21.7	22.6	22.5	22.1	19.8
54				19.6	20.8	21.3	21.1	18.6
56					18.9	19.6	20.1	17.6
58					16.9	18	18.6	16.6
60						16.2	17.1	15.7
62							15.6	14.8
64							13.5	14
66								13.2

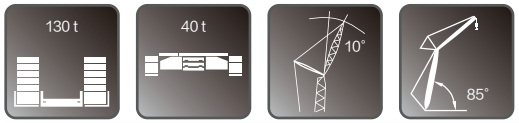
HW



Boom Length 48m
Jib Length 19~40m

m	19	22	25	28	31	34	37	40
13	126.5							
14	118	115.9	113.9					
15	110.6	108.6	106.9	104.8				
16	104	102.2	100.6	98.7	96.7			
17	98.2	96.5	95	93.2	91.4	89.9	87.9	
18	93	91.4	90	88.3	86.6	85.2	84	80.4
19	88.3	86.8	85.5	83.9	82.3	81	79.9	78.3
20	84.1	82.7	81.4	79.9	78.3	77.1	76.1	74.9
22	75.8	75.1	74.3	72.9	71.5	70.4	69.4	68.4
24	67.8	68.1	67.6	66.8	65.6	64.7	63.8	62.9
26		62.2	61.8	61.1	60.3	59.7	59	58.1
28			56.7	56.2	55.4	54.9	54.5	54
30			48.8	51.6	51.2	50.8	50.4	49.8
32				45.9	47.1	46.9	46.8	45.9
34					42.8	43.4	43.3	42.6
36					36.8	40.1	40.3	39.7
38						35.2	37.5	37.3
40							33.4	34.9
42							29.1	31.6
44								28

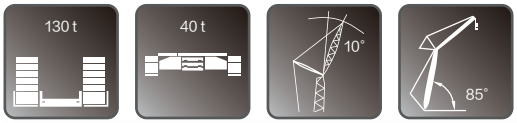
HW



Boom Length 48m
Jib Length 43~64m

m	43	46	49	52	55	58	61	64
19	73.8							
20	72	67.6						
22	67.7	64.4	60.7	57.4	54.1			
24	62.3	60.9	57.7	54.9	52	48.9	45.8	41.9
26	57.6	56.1	54.4	52.2	49.7	47	44.3	40.7
28	52.9	51.6	50.2	49	47.3	44.9	42.5	39.6
30	48.8	47.6	46.4	45.4	44.3	42.8	40.7	38.4
32	45.1	44.1	43.1	42.3	41.3	40.3	38.8	36.9
34	41.9	41	40.2	39.4	38.7	37.7	36.7	35
36	39.1	38.3	37.5	36.9	36.2	35.4	34.5	32.8
38	36.7	35.9	35.2	34.6	34.1	33.3	32.6	30.8
40	34.5	33.7	32.9	32.5	32.1	31.4	30.7	28.9
42	32.2	31.8	30.8	30.7	30.3	29.7	29.1	27.1
44	29.8	29.7	28.9	29	28.6	28	27.5	25.5
46	27	27.5	27.2	27.3	27.1	26.6	26.1	24
48	23.7	25.5	25.5	25.4	25.3	25	24.6	22.6
50		22.9	23.7	23.7	23.6	23.4	23.1	21.2
52			22	22.1	22.1	22	21.7	20
54				20.6	20.6	20.6	20.4	18.9
56				18.8	19.3	19.3	19.2	17.9
58					18.1	18.1	18	16.9
60						16.9	16.9	15.9
62						15.6	15.9	15.1
64							14.9	14.3
66								13.5
68								12.8

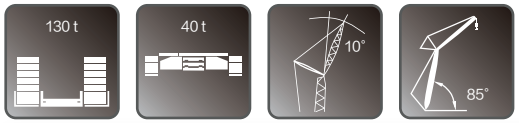
HW



Boom Length 60m
Jib Length 19～40m

m	19	22	25	28	31	34	37	40
14	100.4							
15	96.7	91.8	87.1					
16	93.2	88.8	84.4	80.1				
17	89.8	85.8	81.8	78	74			
18	86.5	82.9	79.3	75.5	71.7	67.9		
19	82.3	79.6	76.2	72.8	69.3	65.9	62.6	59.2
20	78.5	76.1	73	70	66.9	63.8	60.8	57.7
22	71.9	69.3	66.9	64.5	62	59.5	57	54.4
24	65.2	63	61	59.2	57.2	55.2	53.2	51.1
26	59.8	57.2	55.6	54.1	52.6	51	49.4	47.7
28		52.2	50.7	49.5	48.2	47	45.8	44.4
30			46.2	45.2	44.2	43.2	42.3	41.2
32				41.3	40.4	39.7	39	38.1
34				37.8	37	36.5	35.9	35.3
36					34	33.5	33.1	32.6
38						30.8	30.5	30.1
40						28.4	28.1	27.8
42							26	25.7
44								23.8
46								22.1

HW



Boom Length 60m
Jib Length 43～64m

m	43	46	49	52	55	58	61	64
20	54.8							
22	52	49.4	46.8	44.4				
24	49.1	46.8	44.6	42.5	40.5	38.3		
26	46.1	44.2	42.3	40.5	38.7	36.8	34.9	33
28	43.1	41.5	39.9	38.4	36.8	35.1	33.5	31.7
30	40.2	38.9	37.5	36.2	34.9	33.5	32	30.5
32	37.3	36.3	35.2	34.1	33	31.8	30.5	29.1
34	34.7	33.8	32.9	32	31.1	30	28.9	27.7
36	32.2	31.5	30.8	30	29.3	28.4	27.4	26.4
38	29.8	29.3	28.7	28.1	27.5	26.7	25.9	25
40	27.6	27.2	26.8	26.3	25.8	25.2	24.5	23.7
42	25.6	25.3	24.9	24.5	24.2	23.6	23.1	22.4
44	23.7	23.5	23.2	22.9	22.6	22.2	21.7	21.1
46	22	21.8	21.6	21.4	21.2	20.8	20.4	19.9
48	20.4	20.3	20.1	19.9	19.8	19.5	19.2	18.8
50		18.9	18.8	18.6	18.5	18.3	18	17.7
52		17.6	17.5	17.4	17.3	17.1	16.9	16.6
54			16.3	16.2	16.2	16	15.9	15.7
56				15.1	15.1	15	14.9	14.7
58					14.2	14.1	14	13.8
60					13.3	13.2	13.1	13
62						12.4	12.3	12.2
64							11.6	11.5
66							10.9	10.8
68								10.2

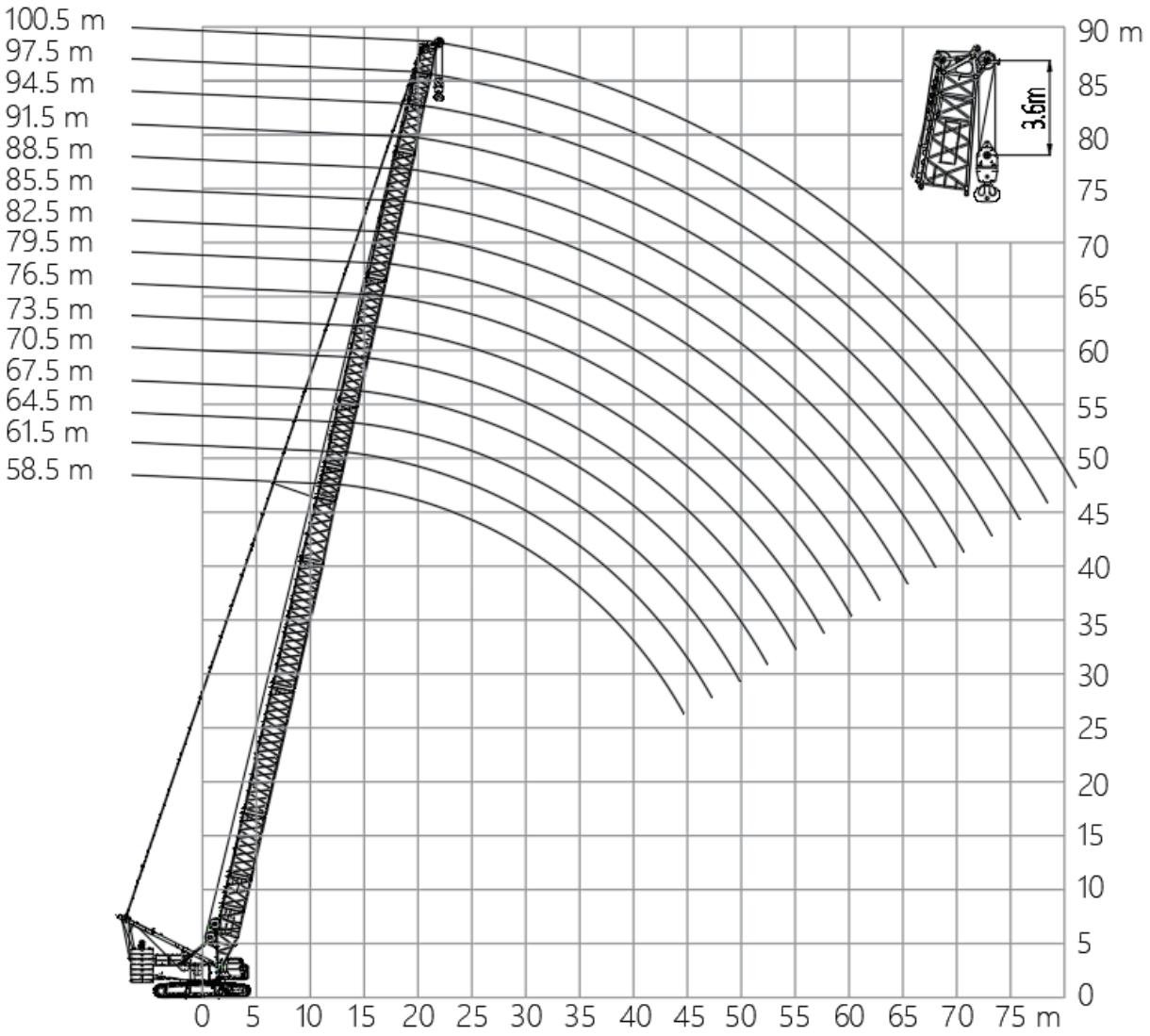
Notes:
1. The actual lifting capacity must be calculated by subtracting the weight of hook, sling and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
2. The rated load in the table is the value when the heavy load is slowly and stably lifted on a horizontal and hard ground with a slope of not more than 1%, and non-traveling lifting operation.
3. The load value refers to the free hanging state of heavy loads, without considering the influence of wind load on lifting capacity, ground condition, ground slope, operating speed and any other factors that have negative impact on safe operation of equipment. Therefore, it is the operator’ s responsibility to judge the current situation, reduce the load and slow down the speed accordingly.
4. If the combined length of boom + tower jib exceeds 71m, a wedge is recommended to assist boom raising.

LB

Name	58.5	61.5	64.5	67.5	70.5	73.5	76.5	79.5	82.5	85.5	88.5*	91.5*	94.5*	97.5*	100.5*
Bottom section of boom 9m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3m intermediate section A of boom	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6m intermediate section A of boom	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12m intermediate section A of boom	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Transition section of boom 6m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3m intermediate section B of boom	1		1		1		1		1		1	1	1	1	1
6m intermediate section B of boom		1	1			1	1			1	1	1	1	1	1
12m intermediate section of boom				1	1	1	1	2	2	2	2	2	2	2	2
Transition section of tower jib 4.5m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Intermediate section of tower jib 3m												1		1	
Intermediate section of tower jib 6m													1	1	
Intermediate section of tower jib 12m															2
Tower jib head 3m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Notes: 1. "*" indicates that center hitch is required.
2. Tower jib rear pendants shall be removed from boom section, tower jib guide pulley shall be removed from boom top section.

LB


100.5 m
97.5 m
94.5 m
91.5 m
88.5 m
85.5 m
82.5 m
79.5 m
76.5 m
73.5 m
70.5 m
67.5 m
64.5 m
61.5 m
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90 m
85
80
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35
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20
15
10
5
0
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 m
3.6m

LB

Boom Length 58.5~79.5m

m	58.5	61.5	64.5	67.5	70.5	73.5	76.5	79.5
10	140							
11	135	135	135	129				
12	133	133	132.5	127.4	121.4	115.5	109.1	
13	130.2	127.2	123.4	119.5	114.6	109.7	104.2	98.7
14	120.7	118.2	115	111.9	108.1	104.2	99.3	94.6
15	112.2	109.9	107.5	104.8	101.7	98.4	94.6	90.5
16	104.8	103	100.7	98.4	95.8	93.2	90	86.4
17	98.2	96.6	94.5	92.5	90.3	88.1	85.4	82.4
18	91.6	90.7	89.1	87.3	85.4	83.5	81.1	78.6
19	85.7	85.1	84.1	82.5	80.7	79.1	77.2	75
20	80.5	79.9	79	78.1	76.4	75.1	73.3	71.4
22	71.5	71	70.3	69.9	69.1	67.8	66.5	65
24	64	63.8	63.1	62.8	62.1	61.6	60.6	59.5
26	57.3	57.2	56.8	56.8	56.2	55.7	55.1	54.5
28	51.8	51.6	51.3	51.4	51	50.7	50.1	49.9
30	47.1	46.9	46.5	46.6	46.2	46.1	45.7	45.6
32	43	42.9	42.5	42.6	42.2	42	41.6	41.6
34	39.5	39.4	38.9	39	38.6	38.5	38.1	38.1

LB

Boom Length
58.5~79.5m

m	58.5	61.5	64.5	67.5	70.5	73.5	76.5	79.5
36	36.4	36.3	35.9	36	35.5	35.4	35	35
38	33.7	33.5	33.1	33.2	32.8	32.6	32.2	32.2
40	31.3	31.1	30.7	30.8	30.4	30.2	29.8	29.8
42	29.1	28.9	28.5	28.6	28.2	28	27.6	27.6
44	27.1	27	26.5	26.6	26.2	26	25.6	25.6
46	25.3	25.2	24.8	24.9	24.4	24.3	23.8	23.9
48	23.7	23.6	23.1	23.2	22.8	22.6	22.2	22.2
50	22.2	22.1	21.6	21.8	21.3	21.1	20.7	20.7
52	20.8	20.7	20.3	20.4	20	19.8	19.4	19.4
54		19.4	19	19.1	18.7	18.5	18.1	18.1
56			17.8	18	17.5	17.4	16.9	17
58				16.9	16.5	16.3	15.9	15.9
60					15.5	15.3	14.9	14.9
62					14.5	14.3	13.9	13.9
64						13.4	13	13.1
66							12.2	12.2
68								11.5
70								10.7

LB

Boom Length
82.5～100.5m

m	82.5	85.5	88.5*	91.5*	94.5*	97.5*	100.5*	m
13	93							13
14	89.5	83.9	81	74				14
15	85.9	81	78.4	72.9	69.2	63.2	57.3	15
16	82.4	78	75.7	71.6	67.6	62.1	56.4	16
17	79	75	72.9	69.3	65.6	61	55.4	17
18	75.7	72	70.3	66.8	63.6	59.8	54.4	18
19	72.4	69.2	67.7	64.7	61.7	58.3	53.5	19
20	69.2	66.3	65.1	62.4	59.7	56.6	52.6	20
22	63.3	61	60.3	58.2	55.9	53.3	50.5	22
24	58	56.1	55.7	54.1	52.4	50.1	47.8	24
26	53.4	51.7	51.7	50.4	49	47.2	45.1	26
28	49.2	47.9	48	46.9	45.8	44.3	42.6	28
30	45	44.4	44	43.6	42.8	41.6	40.3	30
32	41.2	41	40.3	40	39.8	39.2	37.9	32
34	37.7	37.5	37	36.8	36.6	36.3	35.7	34
36	34.6	34.4	33.9	33.7	33.7	33.5	32.8	36
38	31.8	31.6	31.1	31	30.9	30.8	30.1	38
40	29.4	29.2	28.7	28.5	28.5	28.3	27.7	40

LB

Boom Length
82.5～100.5m

m	82.5	85.5	88.5*	91.5*	94.5*	97.5*	100.5*	m
42	27.2	27	26.5	26.3	26.3	26.1	25.5	42
44	25.2	25	24.5	24.4	24.3	24.2	23.4	44
46	23.4	23.2	22.7	22.6	22.5	22.4	21.6	46
48	21.8	21.6	21.1	21	20.9	20.7	19.9	48
50	20.3	20.1	19.6	19.5	19.4	19.2	18.3	50
52	19	18.7	18.3	18.1	18.1	17.9	16.9	52
54	17.7	17.5	17	16.8	16.8	16.6	15.6	54
56	16.5	16.3	15.8	15.7	15.6	15.5	14.3	56
58	15.5	15.2	14.8	14.6	14.6	14.4	13.2	58
60	14.5	14.2	13.8	13.6	13.6	13.4	12.1	60
62	13.5	13.3	12.8	12.7	12.6	12.4	11.1	62
64	12.6	12.3	12	11.8	11.7	11.6	10.2	64
66	11.8	11.3	11.1	11	10.9	10.7	9.3	66
68	11	10.4	10.4	10.2	10.2	10	8.5	68
70	10.3	9.5	9.6	9.5	9.4	9.2	7.8	70
72	9.6	8.7	9	8.8	8.7	8.5	7	72
74		8	8.3	8.1	8.1	7.8	6.4	74
76			7.7	7.5	7.5	6.9	5.7	76
78				7	6.9	5.8	5	78
80				6.4	6	4.8	3.8	80
82					5.2	3.8		82

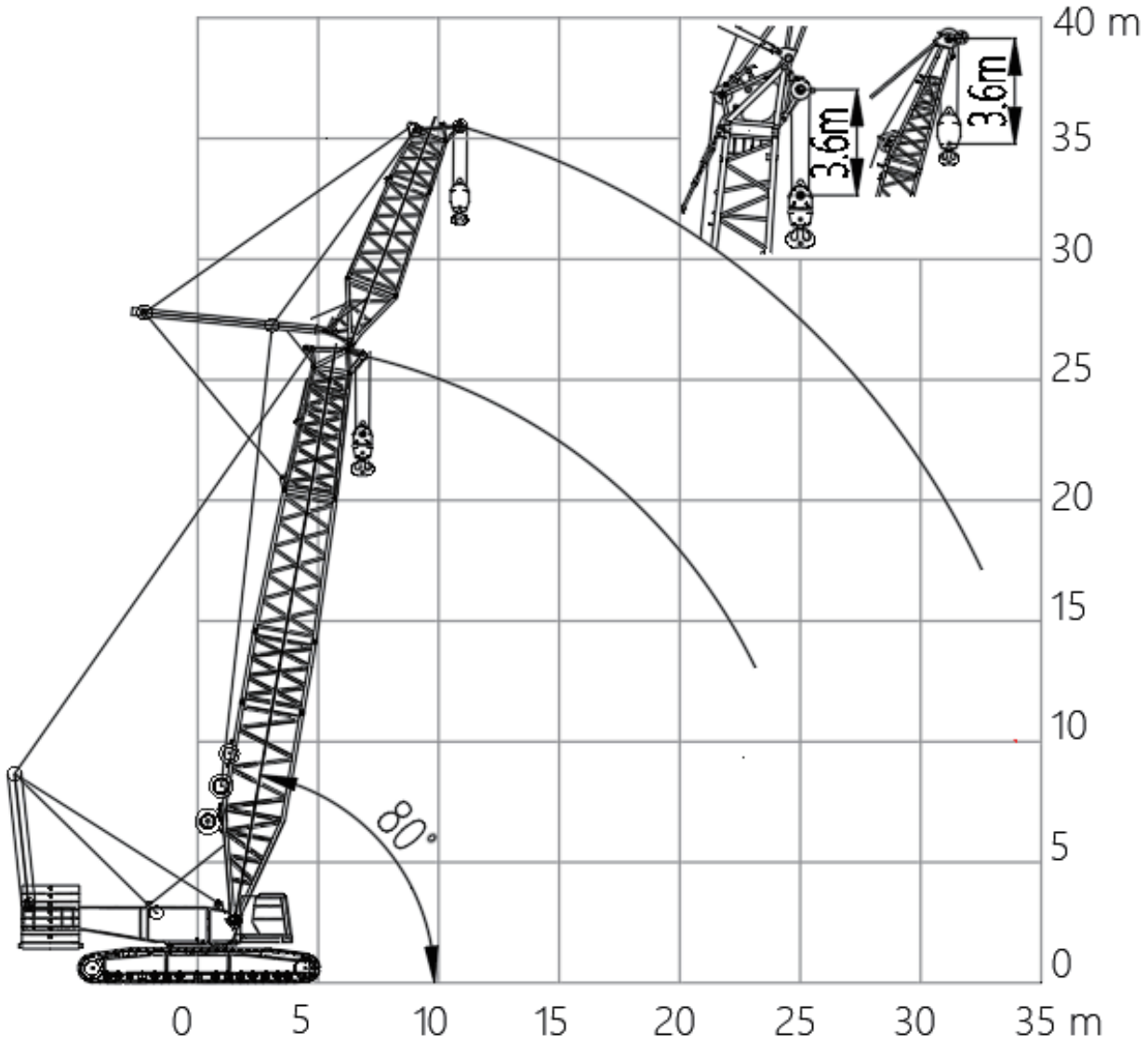
Notes:
1. The actual lifting capacity must be calculated by subtracting the weight of hook, sling and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
2. The rated load specified in the table is based on conditions where the ground is level and firm, the load is lifted slowly and smoothly, and the crane remains stationary during lifting operations.
3. The rated load in the table is based on the calculations of the boom without rear pendant, tower jib guide pulley and boom point single pulley.
4. Tower jib rear pendants shall be removed from boom section, tower jib guide pulley shall be removed from boom top section.
5. If the boom is longer than 85.5m, an center hitch shall be used at the position marked with “*”. If the boom is longer than 94.5m, a wedge is recommended to assist boom raising.

TBF

Name	Boom length (m)
	24
Bottom section of boom 9m	1
Intermediate section of boom 3m	1
Transition section of boom 6m	1
Top section of boom 6m	1

Name	Length of TBM jib (m)
	10
Bottom section of jib 2.5m	1
Transition section of jib 4.5m	1
Top section of jib 3m	1
–	–

TBF



TBF

Boom Length 24m
Jib Length 10m

	m	Max	m	Max		Max
80°	6.9	288.3	10.9	130	8.9	218.6
78°	7.7	260.7	12.0	124.6	9.85	209.2
76°	8.5	234.2	13.2	119.7	10.85	189.5
74°	9.3	212.4	14.3	115.4	11.8	173.1
72°	10.1	194.3	15.4	111.5	12.75	159.4
70°	10.8	178.9	16.5	107.9	13.65	146.9
68°	11.6	165.7	17.5	101.7	14.55	133.2
66°	12.4	154.3	18.6	93.5	15.5	121.9
64°	13.1	144.1	19.6	86.4	16.35	112.3
62°	13.8	132	20.6	80.3	17.2	104.1
60°	14.5	121.7	21.6	75	18.05	97.1
58°	15.2	112.9	22.6	70.4	18.9	90.9
56°	15.9	105.3	23.5	66.3	19.7	85.6
54°	16.6	98.6	24.4	62.7	20.5	80.8
52°	17.2	92.7	25.3	59.4	21.25	76.6
50°	17.9	87.5	26.1	56.6	22	72.9
48°	18.5	82.9	26.9	54	22.7	69.6
46°	19.0	78.8	27.7	51.6	23.35	66.6
44°	19.6	75.1	28.5	49.5	24.05	63.9
42°	20.2	71.8	29.2	47.6	24.7	61.4
40°	20.7	68.8	29.9	45.9	25.3	59.2
38°	21.2	66.1	30.5	44.3	25.85	57.3
36°	21.6	63.7	31.2	42.9	26.4	55.5

Notes:
1. The actual lifting capacity must be calculated by subtracting the weight of hook, sling and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
2. The rated load specified in the table is based on conditions where the ground is level and firm, the load is lifted slowly and smoothly, and the crane remains stationary during lifting operations.
3. The rated load in the table is based on the calculated value of boom without rear pendant of tower jib.
When the actual lifting load of two hooks (main hook and auxiliary hook) is greater than 60% of rated load of auxiliary hook, it is strictly prohibited to turn over in the direction of the auxiliary hook.
4. To prevent the rear pendant from loosening when the auxiliary hook is unloaded, the top section of the jib must be wrapped with a hook with a dead weight of not less than 3.9t.
5. The combination of 140t+40t counterweight is optional, and additional turntable counterweights are required.

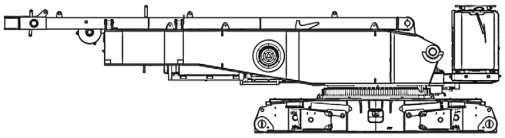
TBF

Boom Length 24m
Jib Length 10m

	m	Max	m	Max		Max
80°	6.9	286.7	10.9	130	8.9	218.6
78°	7.7	254.5	12.0	124.6	9.85	204.3
76°	8.5	228.6	13.2	119.7	10.85	185.1
74°	9.3	207.3	14.3	115.4	11.8	169.1
72°	10.1	189.6	15.4	111.5	12.75	155.2
70°	10.8	174.5	16.5	105.6	13.65	139.3
68°	11.6	161.6	17.5	96.2	14.55	126.2
66°	12.4	149.8	18.6	88.4	15.5	115.4
64°	13.1	136	19.6	81.6	16.35	106.3
62°	13.8	124.5	20.6	75.8	17.2	98.5
60°	14.5	114.7	21.6	70.8	18.05	91.8
58°	15.2	106.3	22.6	66.4	18.9	85.9
56°	15.9	99	23.5	62.5	19.7	80.8
54°	16.6	92.7	24.4	59	20.5	76.3
52°	17.2	87.1	25.3	55.9	21.25	72.3
50°	17.9	82.1	26.1	53.2	22	68.8
48°	18.5	77.7	26.9	50.7	22.7	65.6
46°	19.0	73.8	27.7	48.5	23.35	62.7
44°	19.6	70.3	28.5	46.5	24.05	60.1
42°	20.2	67.2	29.2	44.6	24.7	57.8
40°	20.7	64.3	29.9	43	25.3	55.7
38°	21.2	61.8	30.5	41.5	25.85	53.8
36°	21.6	59.5	31.2	40.2	26.4	52.1

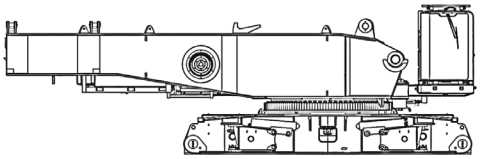
Notes:
1. The actual lifting capacity must be calculated by subtracting the weight of hook, sling and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
2. The rated load specified in the table is based on conditions where the ground is level and firm, the load is lifted slowly and smoothly, and the crane remains stationary during lifting operations.
3. The rated load in the table is based on the calculated value of boom without rear pendant of tower jib.
When the actual lifting load of two hooks (main hook and auxiliary hook) is greater than 60% of rated load of auxiliary hook, it is strictly prohibited to turn over in the direction of the auxiliary hook.
4. To prevent the rear pendant from loosening when the auxiliary hook is unloaded, the top section of the jib must be wrapped with a hook with a dead weight of not less than 3.9t.
5. The combination of 140t+40t counterweight is optional, and additional turntable counterweights are required.

Basic crane transport plan A ×1



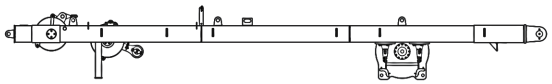
L	13300 mm
W	3000 mm
H	3400 mm
Mass	47200 kg

Basic crane transport plan B ×1



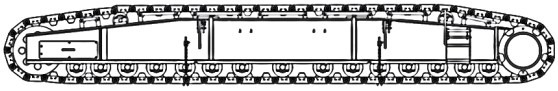
L	10800 mm
W	3000 mm
H	3400 mm
Mass	39800 kg

Separate transport parts of mast (optional) ×1



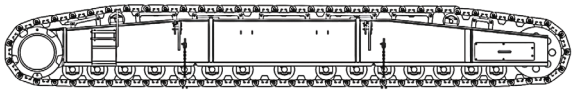
L	10940 mm
W	1790 mm
H	1600 mm
Mass	7400 kg

Left crawler frame ×1



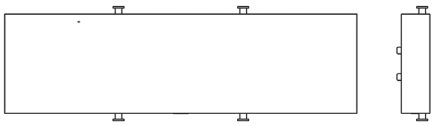
L	10000 mm
W	1510 mm
H	1450 mm
Mass	24600 kg

Right crawler frame ×1



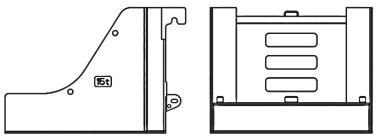
L	10000 mm
W	1510 mm
H	1450 mm
Mass	24600 kg

Car-body counterweight ×2



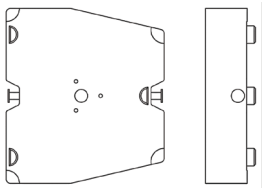
L	5800 mm
W	1690 mm
H	720 mm
Mass	20000 kg

Turntable counterweight frame ×2



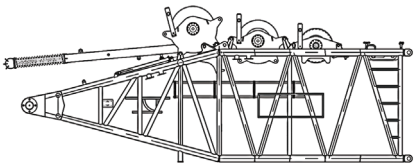
L	2820 mm
W	2530 mm
H	1970 mm
Mass	15000 kg

Turntable counterweight ×10



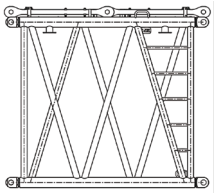
L	2100 mm
W	2380 mm
H	600 mm
Mass	10000 kg

Bottom section of boom ×1



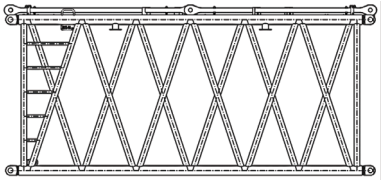
L	9700 mm
W	3000 mm
H	3660 mm
Mass	15000 kg

3m section A of boom ×1



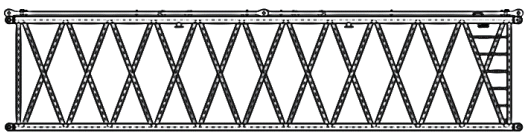
L	3160 mm
W	2980 mm
H	2820 mm
Mass	1200 kg

6m section A of boom ×1



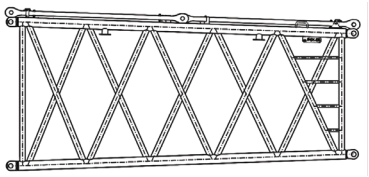
L	6160 mm
W	2980 mm
H	2820 mm
Mass	2400 kg

12m section A of boom ×2



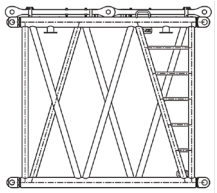
L	12160 mm
W	2980 mm
H	2820 mm
Mass	4100 kg

6m transition section of boom ×1



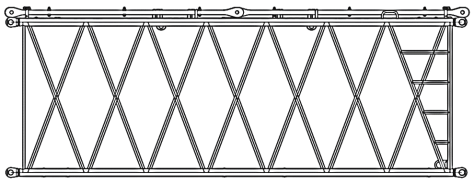
L	6160 mm
W	2980 mm
H	2820 mm
Mass	2200 kg

3m section B of boom ×1



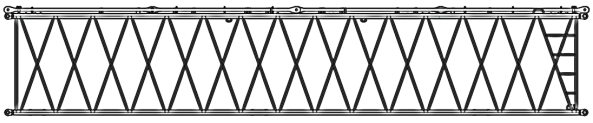
L	3160 mm
W	2560 mm
H	2370 mm
Mass	1100 kg

6m section B of boom ×1



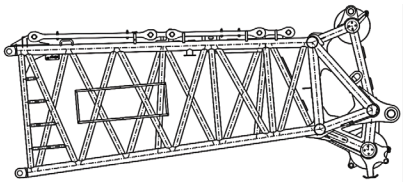
L	6160 mm
W	2560 mm
H	2370 mm
Mass	1800 kg

12m section B of boom ×2



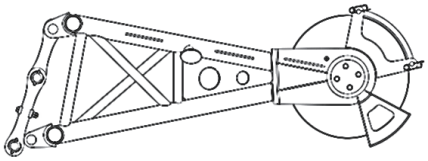
L	12160 mm
W	2560 mm
H	2370 mm
Mass	3600 kg

Top section of boom ×1



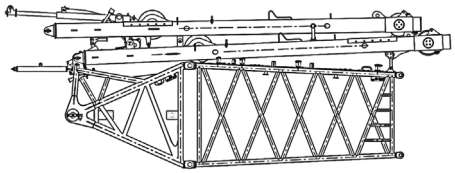
L	6660 mm
W	2620 mm
H	2990 mm
Mass	5200 kg

Boom point single pulley ×1



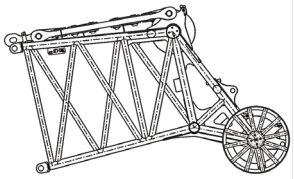
L	2200 mm
W	1500 mm
H	800 mm
Mass	470 kg

Four-piece set of tower jib ×1



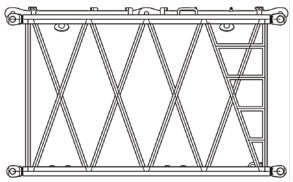
L	9450 mm
W	2900 mm
H	3450 mm
Mass	6250 kg

Top section of tower jib ×1



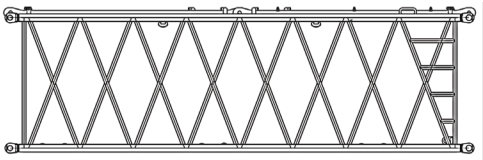
L	3900 mm
W	2200 mm
H	2310 mm
Mass	2200 kg

3m section C of tower jib ×1



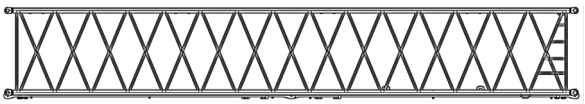
L	3200 mm
W	2120 mm
H	1960 mm
Mass	700 kg

6m section C of tower jib ×1



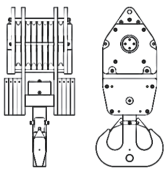
L	6200 mm
W	2120 mm
H	1960 mm
Mass	1200 kg

12m section C of tower jib ×2



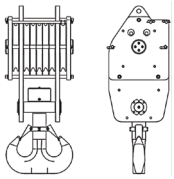
L	12200 mm
W	2120 mm
H	1960 mm
Mass	2100 kg

200t hook assembly ×1



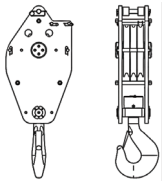
L	990 mm
W	760 mm
H	2240 mm
Mass	4140 kg

160t hook assembly ×1



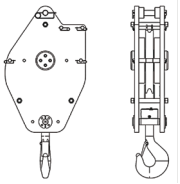
L	870 mm
W	760 mm
H	2120 mm
Mass	3900 kg

80t hook assembly ×1



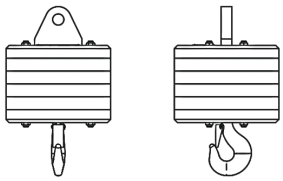
L	760 mm
W	584 mm
H	1998 mm
Mass	2010 kg

32t hook assembly ×1



L	760 mm
W	400 mm
H	1628 mm
Mass	1190 kg

13.5t hook assembly ×1



L	485 mm
W	485 mm
H	787 mm
Mass	500 kg

	Rated lifting capacity
	Working radius
	Undercarriage counterweight
	Main boom angle in tower jib operation mode
	Main hook rated lifting capacity
	Rated lifting capacity for combined lifting
	Aux. hook rated lifting capacity
	Rated lifting capacity for combined lifting
	Turntable counterweight
	Angle between boom and jib
	Aux. hook rated lifting capacity
	Main hook radius
	Reference radius for combined lifting

Materials and specifications are subject to change without notice.

Featured machines in photos may include additional equipment.

See your XCMG dealer for available options.

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