



CRAWLER CRANE

XGC320



320 t



88 m



64+60 m

Product profile

Cab The new-generation cab, designed with ergonomic principles and showcasing XCMG elements, is fully enclosed with a sleek design, broad visibility, elegant appearance, and provides a comfortable operating experience.

Engine system Brand/model: WP10G336E344
Type: in-line water-cooled, turbocharged and EFI environment-friendly Weichai engine
Emission standard: Off-road China III
Rated power: 247kW
Rated speed: 1,900rpm
Maximum output torque: 1,550 N.m
Fuel tank capacity: 700L

Hydraulic system The main system is a hydraulic proportional control system with an open-closed hydraulic circuit. The system incorporates a split-power variable twin-pump and a variable motor equipped with pressure cutoff function.
Hydraulic system composition: hoisting system, luffing system, slewing system, traveling system and auxiliary assembly system.
Features of hydraulic system: It has micro-movement capabilities; the hoisting and slewing systems are equipped with a unique micro-movement speed adjustment knob, which makes operation convenient, allows for stepless speed control, and meets the requirements for precise control.
The hoisting system, main luffing system and traveling system all have high-speed gears and inching gears, which are sensitive to operation and stable in action.
The closed system is adopted for slewing, which has the function of free sliding, fast response, accurate control, stable starting/braking and reversing without impact. It can meet the requirements of frequent reversing and inching operation.
It has the functions of automatic traveling direction reversal, self-disassembly and assembly of counterweight and crawler frame.

Electrical system The electrical system mainly consists of the engine control, auxiliary equipment, hydraulic system control, load moment limiter and safety monitoring, data display, etc.
The electrical system consists of a conventional electrical system and a PLC control system.
The conventional electrical system consists of power supply, start control, cab A/C and audio, lighting, wipers, etc.
The PLC control system manages the main and auxiliary winches, slewing, boom

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luffing, and engine status monitoring, with all operations controlled through PLC logic via CAN-bus technology.

Battery No.	Rated voltage	Rated capacity
6-QAW-180D	12 V	180 Ah

Hoisting mechanism The hoisting mechanism consists of the main hoisting mechanism I, main hoisting mechanism II (optional) and auxiliary hoisting mechanism. The main and auxiliary hoisting mechanisms adopt a built-in reducer, which is driven independently, with dual-pump confluence oil supply. The main and auxiliary hoisting mechanisms are mounted on the bottom section of the boom through pin shafts to reduce the transportation weight of the basic crane. The reducer is provided with a normally closed disc brake, which is safe and reliable; the reducer of this crane is lubricated by splashing oil without maintenance. The hoisting mechanism of this crane features easy oil change, low noise, high efficiency and long service life, as well as excellent micro-speed performance.

Hoisting mechanism	Main hoisting mechanism I	Main hoisting mechanism II	Auxiliary hoisting mechanism
Type of wire rope	Special steel wire rope with left-twist and same-direction lay configuration		
Diameter of wire rope	28 mm	28 mm	26 mm
Length of winch wire rope	680 m	360 mm	300 mm

Luffing mechanism The luffing mechanism includes boom luffing mechanism and tower jib luffing mechanism. The boom luffing mechanism is independently driven by a dual drum and mounted at the middle rear of the turntable through a pin shaft. The boom luffing mechanism adopts a built-in reducer and a normally closed disc brake. The drum is provided with a ratchet locking device to realize mechanical braking, which is safe and reliable. In tower jib operation mode, the auxiliary hoisting system is used as jib luffing mechanism to realize the tower jib luffing through function switching.

Main luffing mechanism	Diameter of wire rope	26 mm
	Length of winch wire rope	360 m

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	Tower jib luffing mechanism (use auxiliary hoisting mechanism)	Diameter of wire rope	26 mm					
		Length of winch wire rope	360 m					
Slewing mechanism	<p>The slewing mechanism and the 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.</p> <p>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.</p> <p>The slewing mechanism is also provided with a mechanical slewing locking device to realize the locking protection of the slewing mechanism.</p> <p>The slewing mechanism has the function of free sliding.</p>							
Hook	The hook configuration of the crane is as follows							
	Nominal load of hook (t)	300	260	200	160	100	50	16
	Number of pulleys (Pcs)	11	9	7	5	3	1	0
	Dead weight of hook (t)	5.5	4.6	4.2	3.9	3.1	2.5	0.9
	<p>1) The hook specifications included in this table are non-standard configurations and shall be subject to the formal contract signed;</p> <p>2) The lifting capacity indicated in the hook’s designation refers only to the hook’s rated capacity. The actual lifting capacity should be determined by calculating the single line pull of the lifting wire rope and the parts of line;</p> <p>3) If there are special requirements other than the hooks listed in the above table, contact our company for confirmation to ensure that the selected hooks can be normally matched and used.</p>							
Counterweight	<p>The counterweight consists of car-body counterweight and turntable counterweight.</p> <p>The car-body counterweight is 40t in total.</p> <p>The turntable counterweight can also be referred to as superstructure counterweight. The turntable counterweight is 125t, and the counterweight tray is 20t. Each operation mode provides its own independent lifting performance table according to the graded counterweights, to meet the requirements of customers for different lifting modes. An optional self-dismantling device can be configured with the turntable counterweight, facilitating its autonomous installation and removal.</p>							

Product profile

S/N	Mass of turntable counterweight (t)	Combination of counterweight slab
1	125	20t+10t×8+5t×4+2.5t×2
2	115	20t+10t×8+5t×2+2.5t×2
3	105	20t+10t×6+5t×4+2.5t×2
4	95	20t+10t×6+5t×2+2.5t×2

Turtable	Turtable 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, electrical control cabinet, mast, boom butt, superstructure counterweight and its self-dis/assembling oil cylinder (optional) can be connected to turntable at different positions.
Boom combinations	<p>Lifting boom 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, thin wall and high strength seamless pipe as main chords and lacing members. Through the accurate analysis and calculation of single and double center hitch, boom length of this crane has been dramatically increased, the potential of boom section has been fully developed and the lifting capacity has been greatly improved.</p> <p>The operating equipment includes boom, tower jib, fixed jib, boom point single pulley, tower jib point single pulley, fixed jib point single pulley and boom/jib pendants. It can provide 15 operation modes in five categories, mainly including boom operation mode, tower jib operation mode, light-duty boom operation mode, fixed jib operation mode and TBM jib operation mode.</p> <p>There are 3 boom operation modes. The recommended length of boom is 22m ~ 64m, with a maximum optional length of 88m. It can be specially customized to 94m. See “Operation Mode and Lifting Performance” in this document for boom combinations.</p> <p>There are 3 tower jib operation modes of tower jib. The recommended length of</p>

Product profile

tower jib is 24m~42m, with a maximum optional length of 60m. It can be specially customized to 66m. See “Operation Mode and Lifting Performance” in this document for tower jib combinations.

The light-duty boom operation mode is composed of boom sections and tower jib sections. This is realized by purchasing boom operation mode and tower jib operation mode, without buying other boom/jib sections separately. There are three light-duty boom operation modes. The maximum length of light-duty boom is 107.5m. See “Operation Mode and Lifting Performance” in this document for boom and jib combinations.

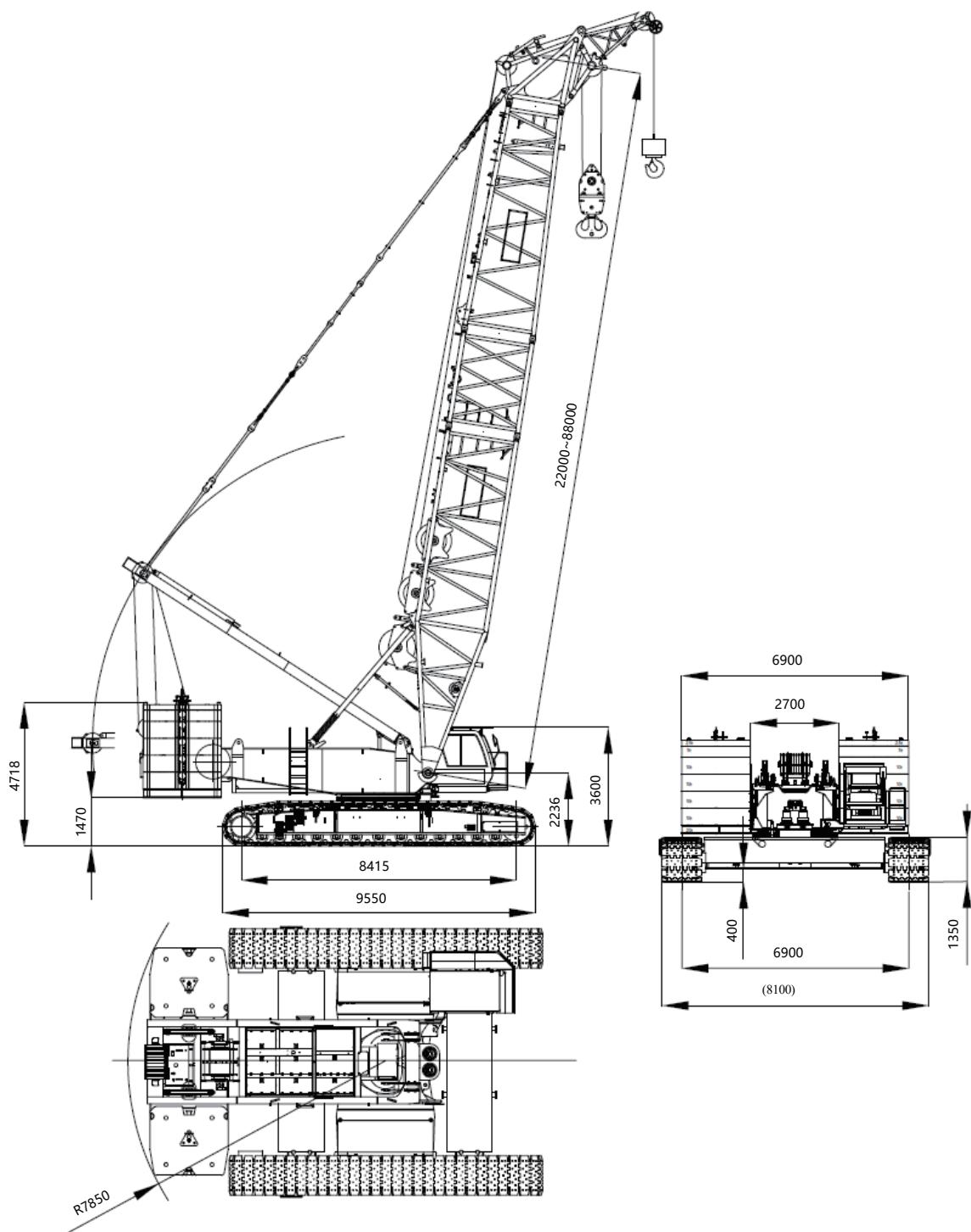
There are 3 fixed jib operation modes. The recommended length of fixed jib is 7m, with a maximum optional length of 16m. See “Operation Mode and Lifting Performance” in this document for jib combinations.

TBM jib sections are interchangeable with fixed jib sections, which can be realized without special accessories. There are three TBM jib operation modes. The recommended length of TBM jib is 7m, with a maximum optional length of 10m.

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; single pendant is equipped with a “peach” shaped connecting hole, which is convenient to install, labor-saving and efficient.
Mast	Mast is of a box-shaped double-limb structure to ensure good overall stability. The mast is outfitted with an auxiliary assembly cylinder to assemble boom butt, insert sections and pendants. In addition, it can also be used for counterweight stacking and crawler frame self-assembly.
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.

Safety protection measures

Load moment limiter	The load moment limiter can automatically detect the angle and lifting load of the boom. It has early alarm and automatic stop functions for overload.
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 rope left on winch, the over-releasing indicator on the display will be on and the lowering operation will stop automatically at the same time.
Boom angle limit device	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.
Backstop function	It is equipped with back-stop devices for boom and jib struts to prevent boom and strut from tilting backward.
Safety protection function of hydraulic system	It is provided with hydraulic balance valve, hydraulic overflow valve and other devices to ensure the stability and safety of the system during operation.
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.
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.



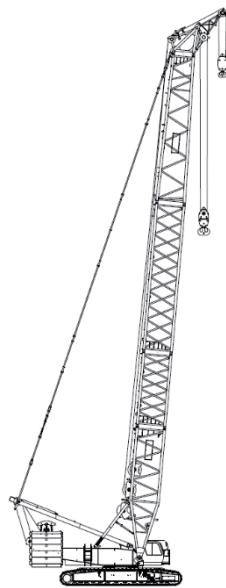
Max. lifting moment	Unit	Value
Max. lifting moment	t.m	1870

Max. rated lifting capacity	Unit	Value
Operation mode of boom	t	320
Operation mode of light-duty boom	t	118
Operation mode of tower jib	t	130
Operation mode of fixed jib	t	130
Operation mode of TBM Jib (two hook operation)	t	200

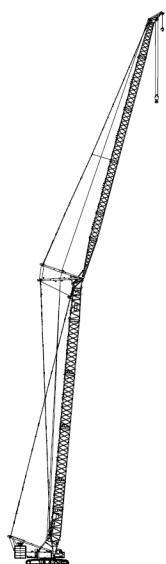
Speed parameters	Unit	Value
Max. single rope speed for hoisting	m/min	120
Max. single rope speed for boom luffing	m/min	2 × 42
Max. single rope speed for tower jib luffing	m/min	120
Max. slewing speed	rpm	0.8
Max. travel speed	km/h	1.0

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

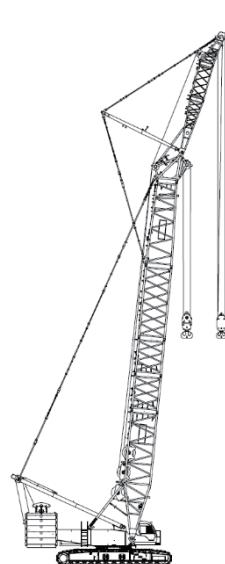
	Unit	Value
Overall weight of the crane (based on 22m boom, 200t hook, 95t+40t counterweight)	t	260
Average ground pressure	MPa	0.143
Gradeability	–	30%
Max. mass of detachable single piece during transport	t	36.2
Max. dimension of single-piece dimension during transport (length × width × height)	m	11.12 × 3.00 × 3.30
Type of hook configured	t	200t, 160t, 16t

**Operation mode
of boom (HB)**

Main boom: 22~88 m

**Operation mode
of fixed jib (HF)**Main boom: 34~85 m
Fixed jib: 7~16 m**Operation mode
of tower jib (HW)**Main boom: 25~64 m
Tower jib: 24~60m**Operation mode
of light-duty boom (LB)**

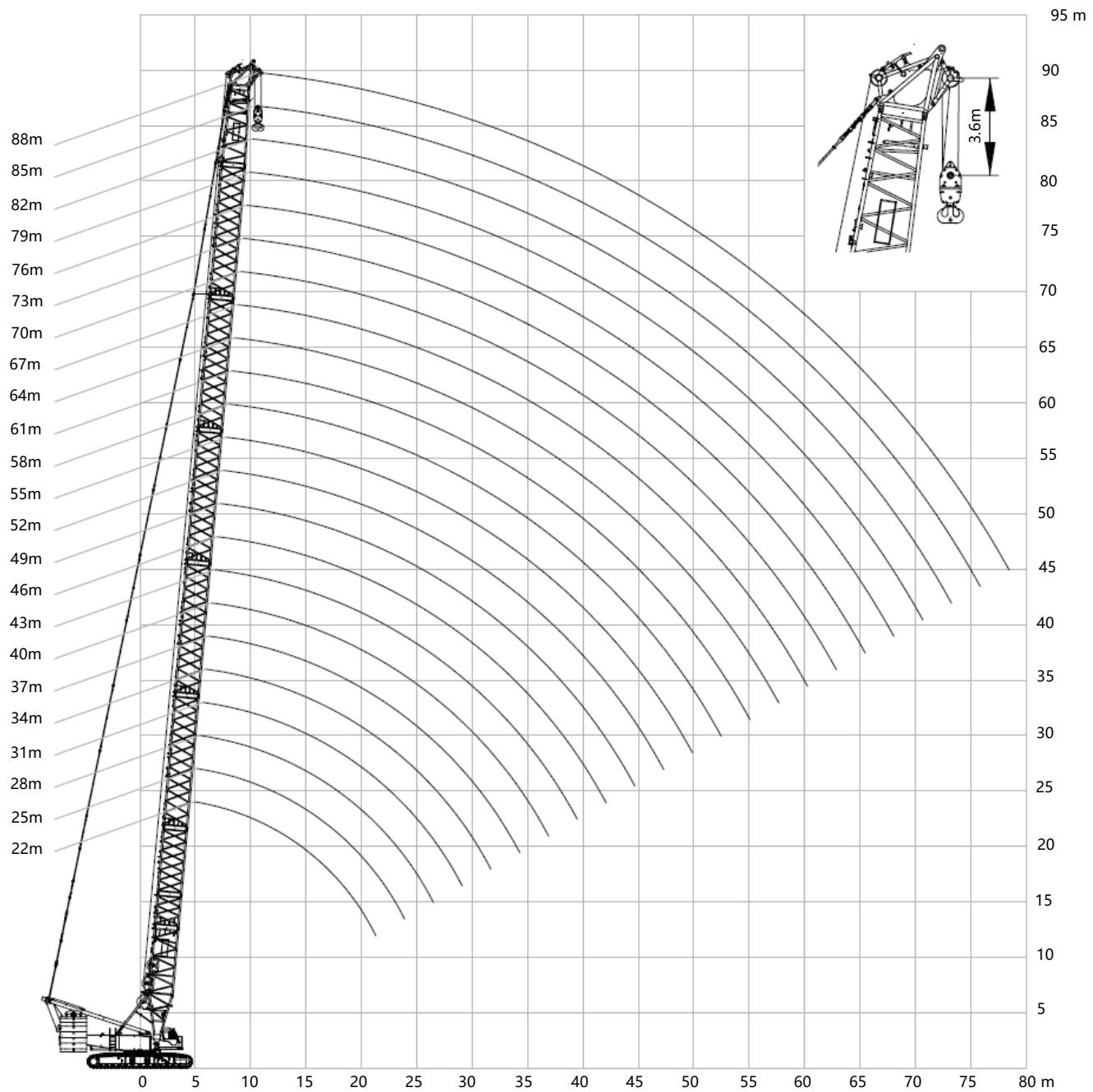
Main boom: 65.5~107.5m

**Operation mode
of TBM jib (HBF)**Main boom: 19~31m
Fixed jib: 7~10m

Boom length (m)	Main boom combinations						
	Boom code						
	H10.5B-2621 (10.5m)	H3-2621 (3m)	H6-2621 (6m)	H12-2621 (12mA)	H12-2621 (12mB)	H7R-2621 (7m)	HT1.5-2016 (1.5m)
22	1	1	0	0	0	1	1
25	1	0	1	0	0	1	1
28	1	1	1	0	0	1	1
31	1	0	0	1	0	1	1
34	1	1	0	1	0	1	1
37	1	0	1	1	0	1	1
40	1	1	1	1	0	1	1
43	1	0	1	2	0	1	1
46	1	1	0	2	0	1	1
49	1	0	1	2	0	1	1
52	1	1	1	2	0	1	1
55	1	0	0	3	0	1	1
58	1	1	0	3	0	1	1
61	1	0	1	3	0	1	1
64	1	1	1	3	0	1	1
67	1	0	0	3	1	1	1
70	1	1	0	3	1	1	1
73	1	0	1	3	1	1	1
76	1	1	1	3	1	1	1
*79	1	0	1	3	2	1	1
*82	1	1	0	3	2	1	1
*85	1	0	1	3	2	1	1
*88	1	1	1	3	2	1	1

Notes: 1. Boom lengths with “*” need to use 1.33m center hitch.
 2. Tower jib rear pendant needs to be removed from boom sections, tower jib guide pulley needs to be removed from boom tapered section.
 3. To ensure the maximum use of boom combination, it is recommended to purchase boom 28m, 40m, 52m, 64m, 76m, 88m.

HB



**HB****Boom Length 22~55m**

m	22	25	28	31	34	37	40	43	46	49	52	55
8									209.7	195.0	195.0	180.0
9						201.5	199.9	198.1	196.1	194.3	192.4	180.0
10			182.3	182.2	180.4	178.7	176.9	175.3	173.6	172.1	170.5	169.0
11	170.0	166.3	164.6	163.2	161.5	160.0	158.4	157.0	155.5	154.1	152.7	151.5
12	155.0	150.3	148.8	147.5	146.0	144.7	143.2	142.0	140.7	139.4	138.1	137.0
14	127.7	124.5	124.4	123.5	122.2	121.1	119.9	118.9	117.7	116.7	115.6	114.6
16	105.3	103.2	103.1	103.1	102.9	102.8	102.5	101.8	100.8	99.8	98.9	98.0
18	89.4	87.7	87.6	87.6	87.4	87.2	87.0	86.8	86.6	86.4	86.0	85.3
20	77.4	76.0	75.8	75.8	75.6	75.4	75.2	75.0	74.8	74.5	74.2	74.0
22		66.8	66.7	66.7	66.5	66.3	66.0	65.9	65.6	65.3	65.0	64.8
24			59.2	59.2	59.0	58.8	58.5	58.4	58.1	57.8	57.5	57.3
26			53.0	53.1	52.9	52.7	52.5	52.3	52.0	51.7	51.4	51.2
28				48.0	47.8	47.6	47.4	47.2	46.9	46.7	46.3	46.1
30					43.4	43.2	42.9	42.8	42.5	42.2	41.9	41.7
32						39.5	39.2	39.1	38.8	38.5	38.2	37.9
34						36.2	35.9	35.8	35.5	35.2	34.9	34.7
36							33.1	33.0	32.7	32.4	32.1	31.8
38								30.4	30.1	29.9	29.5	29.3
40									27.9	27.6	27.3	27.1
42									25.7	25.5	25.2	25.0
44										23.7	23.3	23.1
46											21.7	21.5
48												20.0



11 11 12 12 12 13 13 13 13 14 13 12 12



HB

Boom Length 55~88m

m	58	61	64	67	70	73	76	79	82	85	88
9	180.0	164.9	164.9	153.0							
10	166.5	163.2	160.0	153.0	149.5	136.0	130.3	119.0			
11	150.0	147.1	144.5	142.1	139.5	136.0	128.6	119.0	113.4	105.3	97.9
12	135.8	133.9	131.5	129.4	127.2	125.1	122.9	119.0	112.2	104.1	96.8
14	113.5	112.5	111.0	109.5	107.7	106.0	104.3	102.8	101.1	99.5	94.4
16	97.1	96.1	95.3	94.4	92.9	91.5	90.1	88.8	87.5	86.2	84.8
18	84.4	83.9	82.8	82.4	81.4	80.2	79.0	77.8	76.7	75.5	74.4
20	73.7	73.5	72.8	72.5	71.7	71.0	69.9	69.0	68.0	67.0	65.9
22	64.5	64.2	63.9	63.9	63.6	63.1	62.4	61.7	60.7	59.8	58.8
24	57.0	56.7	56.4	56.4	56.1	55.8	55.5	55.3	54.6	53.8	52.9
26	50.9	50.6	50.3	50.3	50.0	49.7	49.3	49.2	48.9	48.6	47.9
28	45.8	45.5	45.2	45.2	44.8	44.5	44.2	44.0	43.6	43.3	43.0
30	41.3	41.0	40.7	40.7	40.4	40.1	39.7	39.6	39.2	38.9	38.6
32	37.6	37.3	37.0	37.0	36.6	36.3	36.0	35.8	35.5	35.2	34.8
34	34.4	34.1	33.7	33.7	33.4	33.1	32.7	32.5	32.2	31.9	31.5
36	31.5	31.2	30.9	30.9	30.5	30.2	29.8	29.7	29.3	29.0	28.7
38	29.0	28.7	28.3	28.3	28.0	27.7	27.3	27.2	26.8	26.5	26.0
40	26.7	26.4	26.0	26.0	25.6	25.3	24.9	24.8	24.5	24.1	23.8
42	24.6	24.3	24.0	24.0	23.6	23.3	22.9	22.8	22.4	22.1	21.7
44	22.8	22.5	22.1	22.1	21.8	21.5	21.1	21.0	20.6	20.3	19.9
46	21.1	20.8	20.5	20.5	20.1	19.8	19.4	19.3	18.9	18.6	18.2
48	19.6	19.3	19.0	19.0	18.6	18.3	17.9	17.8	17.4	17.1	16.7
50	18.2	17.9	17.6	17.6	17.3	16.9	16.6	16.4	16.1	15.7	15.4
52	17.0	16.7	16.3	16.3	16.0	15.7	15.3	15.2	14.8	14.5	14.1
54		15.5	15.1	15.2	14.8	14.5	14.1	14.0	13.6	13.3	12.9
56			14.1	14.1	13.7	13.4	13.0	12.9	12.5	12.2	11.8
58				13.1	12.7	12.4	12.0	11.9	11.5	11.2	10.8
60					12.1	11.8	11.5	11.1	11.0	10.6	10.3
64						9.8	9.4	9.3	8.9	8.5	8.1
68							7.8	7.7	7.3	7.0	6.6
72									6.0	5.7	5.4
76											4.5



12 10 10 9 9 8 8 7 7 7 7 6

**HB****Boom Length 22~55m**

m	22	25	28	31	34	37	40	43	46	49	52	55
5	320.0											
6	300.0	290.5	284.9	266.4	252.5							
7	254.0	252.8	252.5	251.6	245.8	238.5	224.2	209.7				
8	221.3	217.0	216.6	216.5	216.1	215.8	215.4	209.7	207.7	195.0	195.0	180.0
9	197.2	193.6	193.2	193.1	192.7	192.4	189.6	185.2	180.9	176.8	172.9	169.1
10	175.1	174.6	174.2	174.1	173.7	170.7	167.0	163.4	160.0	156.7	153.4	150.3
11	160.9	157.8	157.8	157.8	155.2	152.1	149.0	146.0	143.2	140.4	137.7	135.1
12	138.1	138.2	138.1	138.2	138.1	136.9	134.3	131.9	129.3	127.0	124.7	122.4
14	110.1	110.2	110.0	110.1	109.9	109.8	109.6	109.4	108.1	106.2	104.4	102.7
16	91.1	91.1	91.0	91.0	90.8	90.7	90.4	90.3	90.1	89.9	89.4	88.0
18	77.2	77.3	77.2	77.2	77.0	76.8	76.6	76.4	76.2	75.9	75.7	75.4
20	66.8	66.9	66.7	66.8	66.6	66.4	66.1	66.0	65.7	65.4	65.2	64.9
22		58.6	58.5	58.5	58.3	58.1	57.8	57.7	57.4	57.1	56.8	56.6
24			51.8	51.9	51.7	51.5	51.2	51.1	50.8	50.5	50.2	50.0
26				46.4	46.5	46.3	46.1	45.8	45.7	45.4	45.1	44.8
28					41.8	41.6	41.4	41.2	41.0	40.7	40.4	40.1
30						37.7	37.6	37.3	37.1	36.8	36.6	36.2
32							34.2	33.9	33.8	33.5	33.2	32.9
34								31.3	31.0	30.9	30.6	30.3
36									28.5	28.4	28.1	27.8
38										26.0	25.7	25.4
40											23.7	23.4
42											21.8	21.6
44												20.0
46												18.2
48												16.6



*24

*22

*21

*19

18

17

16

14

14

13

12

12



HB

Boom Length 55~85m

m	58	61	64	67	70	73	76	79	82	85
9	165.3	161.8	158.4	153.0						
10	147.2	144.3	141.4	138.9	136.2	133.6	130.3	119.0		
11	132.5	129.9	127.5	125.4	123.1	120.9	118.7	116.6	113.4	105.3
12	120.2	118.1	116.0	114.2	112.1	110.1	108.2	106.4	104.5	102.7
14	101.0	99.3	97.7	96.3	94.6	93.1	91.5	90.1	88.7	87.2
16	86.6	85.3	83.9	82.8	81.5	80.2	78.9	77.7	76.4	75.2
18	75.2	74.3	73.1	72.3	71.1	70.0	68.9	67.9	66.9	65.8
20	64.7	64.4	64.1	63.9	62.8	61.9	60.8	59.9	59.0	58.0
22	56.3	56.1	55.7	55.7	55.5	55.0	54.1	53.4	52.5	51.7
24	49.7	49.4	49.1	49.1	48.8	48.5	48.2	47.9	47.1	46.3
26	44.2	43.9	43.5	43.5	43.2	42.9	42.6	42.4	42.1	41.7
28	39.6	39.3	38.9	38.9	38.6	38.3	38.0	37.8	37.5	37.2
30	35.7	35.4	35.1	35.1	34.7	34.4	34.1	33.9	33.6	33.3
32	32.4	32.1	31.7	31.7	31.4	31.1	30.7	30.6	30.2	29.9
34	29.5	29.2	28.8	28.8	28.5	28.1	27.8	27.6	27.3	27.0
36	26.9	26.6	26.3	26.3	25.8	25.5	25.1	25.0	24.6	24.3
38	24.6	24.2	23.9	23.9	23.6	23.2	22.9	22.7	22.4	22.0
40	22.5	22.2	21.9	21.9	21.5	21.2	20.9	20.7	20.4	20.0
42	20.7	20.4	20.1	20.1	19.7	19.4	19.0	18.9	18.5	18.2
44	19.1	18.8	18.4	18.5	18.1	17.8	17.4	17.3	16.9	16.6
46	17.6	17.3	17.0	17.0	16.6	16.3	15.9	15.8	15.4	15.1
48	16.3	16.0	15.6	15.6	15.3	14.9	14.6	14.4	14.1	13.7
50	15.0	14.7	14.4	14.4	14.0	13.7	13.3	13.2	12.8	12.5
52	13.9	13.6	13.2	13.3	12.9	12.6	12.2	12.1	11.7	11.4
54		12.5	12.2	12.2	11.9	11.5	11.2	11.0	10.7	10.3
56			11.2	11.2	10.9	10.6	10.2	10.1	9.7	9.4
58				10.3	10.0	9.7	9.3	9.2	8.8	8.4
60					9.5	9.1	8.8	8.4	8.2	7.9
64						7.2	6.8	6.7	6.4	6.0
68							5.5	5.4	5.0	4.7
72									3.8	3.5
		11	10	10	9	9	8	8	7	7

Note: For the area with “*”, when the used parts of line exceed 18 (rated lifting capacity of 260t), a special boom pulley block is required.

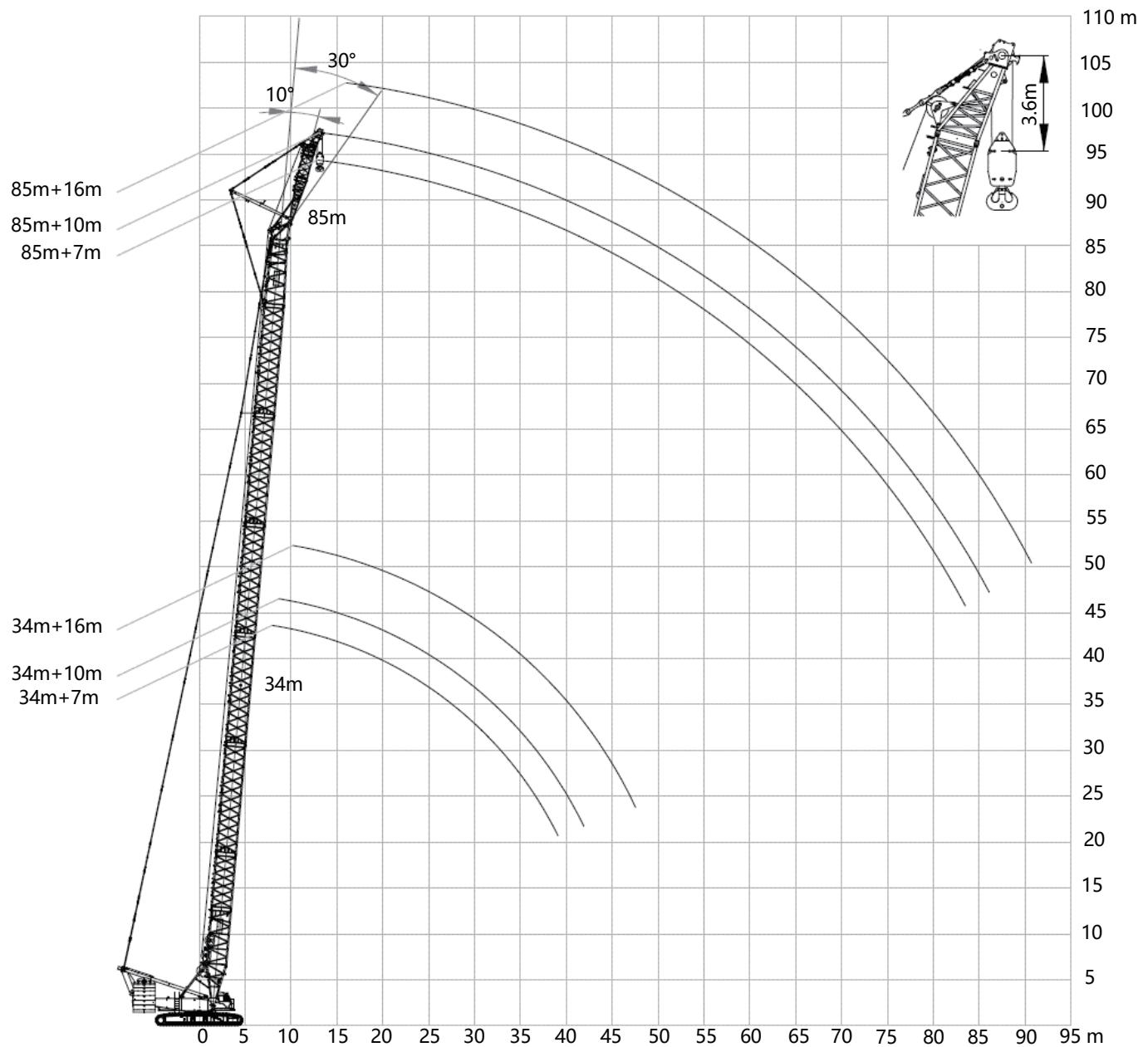
Main boom combinations							
Boom length (m)	Boom code						
	H10.5B-2621 (10.5m)	H3-2621 (3m)	H6-2621 (6m)	H12-2621 (12mA)	H12-2621 (12mB)	H7R-2621 (7m)	HT1.5-2016 (1.5m)
34	1	1	0	1	0	1	1
37	1	0	1	1	0	1	1
40	1	1	1	1	0	1	1
43	1	0	1	2	0	1	1
46	1	1	0	2	0	1	1
49	1	0	1	2	0	1	1
52	1	1	1	2	0	1	1
55	1	0	0	3	0	1	1
58	1	1	0	3	0	1	1
61	1	0	1	3	0	1	1
64	1	1	1	3	0	1	1
67	1	0	0	3	1	1	1
70	1	1	0	3	1	1	1
73	1	0	1	3	1	1	1
76	1	1	1	3	1	1	1
*79	1	0	1	3	2	1	1
*82	1	1	0	3	2	1	1
*85	1	0	1	3	2	1	1

Notes: 1. Boom lengths with “*” need to use 1.33m center hitch.

2. Tower jib rear pendant needs to be removed from boom sections, tower jib guide pulley needs to be removed from boom tapered section.

Fixed jib combination				
Jib length (m)	Jib code			
	1411-B (4.5m)	1411 (3m)	1411 (6m)	1411-T (2.5m)
7	1	0	0	1
10	1	1	0	1
16	1	1	1	1

HF



**HF**

Boom Length 34~58m
Jib Length 7m

m	34	37	40	43	46	49	52	55	58
8	130.0								
9	130.0	130.0	130.0	129.0					
10	129.0	129.0	129.0	128.0	127.0	123.3	117.3	112.3	
11	128.3	127.0	125.7	124.4	123.6	121.2	117.3	110.6	104.6
12	124.3	123.1	122.0	122.1	120.4	119.3	117.3	108.7	102.9
13	119.9	120.2	120.7	121.1	117.3	116.9	114.6	106.8	101.4
14	118.6	116.7	114.4	112.2	110.1	108.0	105.9	101.6	101.3
15	110.2	108.1	106.0	104.1	102.1	100.2	98.4	96.6	94.8
16	102.4	100.5	98.7	96.9	95.1	93.4	91.7	90.1	88.5
17	94.4	93.9	92.2	90.6	89.0	87.4	85.8	84.3	82.8
18	87.2	87.0	86.4	85.0	83.4	82.0	80.5	79.2	77.8
19	80.9	80.7	80.4	79.9	78.5	77.1	75.8	74.5	73.2
20	75.3	75.1	74.8	74.6	74.0	72.8	71.5	70.3	69.1
22	66.0	65.8	65.5	65.3	65.0	64.7	64.0	63.0	61.9
24	58.6	58.3	58.0	57.8	57.5	57.2	56.9	56.7	55.8
26	52.4	52.1	51.8	51.6	51.3	51.0	50.7	50.5	50.1
28	47.2	47.0	46.7	46.4	46.1	45.8	45.5	45.3	44.9
30	42.8	42.6	42.3	42.0	41.7	41.4	41.1	40.8	40.5
32	39.1	38.8	38.5	38.3	37.9	37.6	37.3	37.0	36.7
34	35.7	35.5	35.2	35.0	34.6	34.3	34.0	33.7	33.4
36	32.8	32.6	32.3	32.1	31.7	31.4	31.1	30.8	30.5
38	30.2	30.0	29.7	29.5	29.2	28.9	28.5	28.3	27.9
40	27.7	27.4	27.2	26.9	26.6	26.2	26.0	25.6	
42		25.3	25.2	24.8	24.5	24.2	23.9	23.6	
44		23.4	23.3	23.0	22.7	22.3	22.1	21.7	
46			21.6	21.3	21.0	20.6	20.4	20.0	
48				19.7	19.4	19.1	18.9	18.5	
50					18.0	17.7	17.4	17.1	
52					16.7	16.4	16.1	15.8	
54						15.2	14.9	14.6	
56							13.8	13.5	
58								12.4	



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Boom Length 61~85m
Jib Length 7m

m	61	64	67	70	73	76	79	82	85
11	101.3	92.0	90.0						
12	101.3	90.7	89.3	85.0	76.6	74.5	72.5		
13	101.3	90.4	88.9	85.0	75.9	74.2	72.3	69.4	68.5
14	100.1	90.0	88.5	85.0	75.0	73.5	72.0	68.5	68.5
15	93.1	87.2	85.2	85.0	74.8	73.3	71.9	68.5	68.5
16	86.9	85.0	84.0	82.5	74.5	73.0	71.7	68.5	68.5
17	81.4	79.9	78.7	77.4	72.2	70.2	69.1	68.5	68.5
18	76.4	75.1	74.0	72.7	69.9	68.5	68.5	67.8	66.6
19	71.9	70.7	69.7	68.5	67.3	66.1	65.0	63.9	62.8
20	67.9	66.7	65.8	64.6	63.5	62.4	61.4	60.3	59.3
22	60.8	59.7	59.0	57.9	56.9	55.9	55.0	54.0	53.1
24	54.9	53.9	53.2	52.2	51.3	50.4	49.6	48.7	47.8
26	49.8	48.8	48.3	47.4	46.5	45.6	44.9	44.1	43.3
28	44.6	44.3	44.0	43.1	42.3	41.5	40.9	40.1	39.3
30	40.2	39.9	39.8	39.4	38.7	37.9	37.3	36.6	35.8
32	36.4	36.1	36.0	35.7	35.4	34.7	34.2	33.4	32.7
34	33.1	32.7	32.7	32.4	32.0	31.7	31.3	30.6	30.0
36	30.2	29.8	29.8	29.4	29.1	28.8	28.6	28.1	27.5
38	27.6	27.3	27.2	26.9	26.5	26.2	26.0	25.7	25.3
40	25.3	25.0	24.9	24.6	24.2	23.9	23.7	23.4	23.0
42	23.3	22.9	22.9	22.5	22.2	21.8	21.6	21.3	21.0
44	21.4	21.0	21.0	20.6	20.3	20.0	19.8	19.4	19.1
46	19.7	19.4	19.3	19.0	18.6	18.3	18.1	17.7	17.4
48	18.2	17.8	17.8	17.4	17.1	16.7	16.5	16.2	15.9
50	16.8	16.4	16.4	16.0	15.7	15.3	15.1	14.8	14.4
52	15.5	15.1	15.1	14.7	14.4	14.0	13.8	13.5	13.1
54	14.3	13.9	13.9	13.5	13.2	12.8	12.7	12.3	12.0
56	13.2	12.8	12.8	12.4	12.1	11.7	11.6	11.2	10.9
58	12.1	11.8	11.8	11.4	11.1	10.7	10.5	10.2	9.8
60	11.2	10.8	10.8	10.4	10.1	9.7	9.6	9.2	8.9
64		9.1	9.1	8.7	8.4	8.0	7.9	7.5	7.1
68				7.2	6.9	6.5	6.3	6.0	5.6
72					5.5	5.1	5.0	4.6	4.3
76						3.8	3.4	3.1	
		7	6	6	6	5	5	5	5

**HF**

Boom Length 34~58m
Jib Length 7m

m	34	37	40	43	46	49	52	55	58
11	95.0	95.0	95.0	95.0					
12	91.8	92.8	93.7	94.7	95.0	95.0	95.0	95.0	
13	89.3	90.4	91.5	92.4	93.2	93.2	93.9	94.8	95.0
14	87.0	88.3	89.3	90.3	91.2	91.4	91.9	92.9	93.5
15	84.9	86.1	87.3	88.4	89.3	89.8	90.1	91.1	91.8
16	82.9	84.3	85.4	86.6	87.6	88.4	88.4	89.4	90.1
17	81.1	82.4	83.6	84.9	85.8	85.9	86.7	85.9	84.5
18	79.3	80.6	82.0	82.1	83.1	83.4	82.0	80.6	79.3
19	77.7	77.9	79.2	80.5	79.8	78.5	77.1	75.9	74.6
20	74.9	75.9	75.7	75.6	75.2	74.0	72.8	71.6	70.4
22	66.7	66.5	66.3	66.1	65.9	65.7	65.1	64.1	63.0
24	59.1	58.9	58.7	58.5	58.2	58.0	57.8	57.6	56.8
26	52.8	52.6	52.4	52.2	51.9	51.7	51.4	51.2	51.0
28	47.6	47.4	47.1	46.9	46.7	46.4	46.2	45.9	45.7
30	43.1	42.9	42.6	42.5	42.2	41.9	41.7	41.4	41.2
32	39.3	39.1	38.8	38.6	38.3	38.1	37.8	37.6	37.3
34	35.9	35.7	35.4	35.3	35.0	34.7	34.4	34.2	33.9
36		32.7	32.5	32.3	32.0	31.8	31.5	31.2	30.9
38		30.1	29.8	29.7	29.4	29.1	28.8	28.6	28.3
40			27.5	27.3	27.1	26.8	26.5	26.3	26.0
42				25.2	25.0	24.7	24.4	24.2	23.9
44					23.0	22.8	22.5	22.3	22.0
46						21.1	20.8	20.6	20.2
48							19.2	19.0	18.7
50								17.5	17.2
52								16.2	15.9
54									14.6



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HF

Boom Length 61~85m
Jib Length 7m

m	61	64	67	70	73	76	79	82	85
13	95.0	85.0	85.0						
14	94.1	85.0	85.0	85.0	85.0	68.5	68.5		
15	92.4	85.0	85.0	85.0	85.0	68.5	68.5	68.5	68.5
16	88.7	85.0	85.0	84.4	83.0	68.5	68.5	68.5	68.5
17	83.0	81.6	80.5	79.1	77.8	68.5	68.5	68.5	68.5
18	78.0	76.7	75.6	74.3	73.1	68.5	68.5	68.5	68.4
19	73.4	72.2	71.2	70.0	68.8	67.7	66.6	65.5	64.4
20	69.2	68.1	67.2	66.1	65.0	63.9	62.9	61.9	60.8
22	62.0	61.0	60.2	59.2	58.2	57.2	56.4	55.4	54.5
24	55.9	54.9	54.3	53.4	52.5	51.6	50.8	49.9	49.1
26	50.7	49.8	49.2	48.4	47.5	46.7	46.0	45.2	44.4
28	45.4	45.1	44.8	44.0	43.3	42.5	41.8	41.1	40.3
30	40.9	40.6	40.6	40.2	39.5	38.8	38.2	37.5	36.7
32	37.0	36.7	36.7	36.4	36.1	35.5	34.9	34.2	33.6
34	33.6	33.3	33.3	33.0	32.7	32.4	32.1	31.4	30.7
36	30.7	30.3	30.3	30.0	29.7	29.4	29.2	28.8	28.2
38	28.0	27.7	27.7	27.4	27.1	26.8	26.6	26.3	25.9
40	25.7	25.4	25.3	25.0	24.7	24.4	24.2	23.9	23.6
42	23.6	23.3	23.2	22.9	22.6	22.3	22.1	21.8	21.5
44	21.7	21.3	21.3	21.0	20.7	20.4	20.2	19.9	19.6
46	20.0	19.6	19.6	19.3	19.0	18.6	18.5	18.2	17.8
48	18.4	18.0	18.0	17.7	17.4	17.1	16.9	16.6	16.3
50	16.9	16.6	16.6	16.3	15.9	15.6	15.5	15.1	14.8
52	15.6	15.3	15.3	14.9	14.6	14.3	14.1	13.8	13.5
54	14.4	14.0	14.0	13.7	13.4	13.1	12.9	12.6	12.3
56	13.2	12.9	12.9	12.6	12.3	11.9	11.8	11.4	11.1
58		11.8	11.8	11.5	11.2	10.9	10.7	10.4	10.1
60			10.9	10.5	10.2	9.9	9.7	9.4	9.1
64					8.4	8.1	8.0	7.6	7.3
68						6.5	6.4	6.1	5.7
72							4.7	4.4	
		6	6	6	6	6	5	5	5

**HF**

Boom Length 34~58m
Jib Length 10m

m	34	37	40	43	46	49	52	55	58
9	115.0	115.0							
10	114.0	114.0	113.7	112.7	111.3				
11	112.6	111.3	109.9	109.1	108.0	106.7	102.7	98.6	93.9
12	108.7	107.5	106.4	105.8	104.8	103.7	101.0	96.9	92.4
13	105.1	104.0	103.1	102.7	101.9	101.0	99.4	95.3	90.8
14	101.7	100.9	100.2	99.9	99.2	98.4	97.6	93.6	89.4
15	98.1	97.2	96.2	95.5	94.7	93.8	92.8	90.4	87.7
16	94.5	93.4	92.2	91.1	90.1	89.1	88.0	87.1	86.0
17	88.7	87.6	86.5	85.5	84.5	83.6	82.8	83.3	82.2
18	82.8	81.8	80.7	79.8	80.6	81.2	80.0	78.6	77.3
19	77.3	77.1	78.0	78.8	78.0	76.7	75.3	74.1	72.8
20	75.0	75.6	75.3	74.9	73.6	72.4	71.1	69.9	68.7
22	66.5	66.3	66.0	65.8	65.5	64.9	63.8	62.7	61.6
24	59.0	58.8	58.5	58.2	57.9	57.7	57.4	56.7	55.7
26	52.9	52.6	52.3	52.0	51.7	51.4	51.1	50.9	50.6
28	47.7	47.4	47.1	46.9	46.5	46.2	45.9	45.7	45.3
30	43.3	43.0	42.7	42.4	42.1	41.8	41.5	41.2	40.9
32	39.5	39.2	38.9	38.7	38.3	38.0	37.7	37.4	37.1
34	36.2	35.9	35.6	35.4	35.0	34.7	34.4	34.1	33.8
36	33.3	33.0	32.7	32.5	32.1	31.8	31.5	31.2	30.9
38	30.7	30.4	30.1	29.9	29.5	29.2	28.9	28.6	28.3
40	28.4	28.1	27.8	27.6	27.3	26.9	26.6	26.3	26.0
42		26.1	25.7	25.5	25.2	24.9	24.5	24.3	23.9
44		24.2	23.9	23.7	23.3	23.0	22.7	22.4	22.1
46			22.2	22.0	21.6	21.3	21.0	20.7	20.4
48				20.4	20.1	19.8	19.4	19.2	18.8
50					18.7	18.4	18.0	17.8	17.4
52					17.3	17.1	16.7	16.5	16.1
54						15.8	15.5	15.3	14.9
56							14.4	14.1	13.8
58								13.1	12.8
60								12.1	11.8



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Boom Length 61~85m
Jib Length 10m

m	61	64	67	70	73	76	79	82	85
12	87.5	85.0	85.0	85.0					
13	86.2	85.0	85.0	85.0	68.5	68.5	68.5	68.5	
14	85.2	85.0	85.0	85.0	68.5	68.5	68.5	68.5	68.5
15	85.0	85.0	85.0	85.0	68.5	68.5	68.5	68.5	68.5
16	85.0	84.7	83.4	81.9	68.5	68.5	68.5	68.5	68.5
17	80.8	79.4	78.2	76.9	68.5	68.5	68.5	68.5	68.5
18	75.9	74.6	73.5	72.3	68.5	68.5	68.5	67.5	66.3
19	71.5	70.3	69.3	68.1	67.0	65.8	64.7	63.6	62.5
20	67.6	66.4	65.5	64.4	63.2	62.1	61.2	60.1	59.0
22	60.6	59.5	58.8	57.7	56.7	55.7	54.9	53.9	52.9
24	54.7	53.7	53.1	52.1	51.2	50.3	49.5	48.6	47.7
26	49.7	48.8	48.2	47.3	46.4	45.6	44.9	44.0	43.2
28	45.0	44.5	43.9	43.1	42.3	41.5	40.9	40.1	39.3
30	40.6	40.3	40.2	39.4	38.7	37.9	37.3	36.6	35.8
32	36.8	36.4	36.4	36.0	35.5	34.7	34.2	33.5	32.8
34	33.5	33.1	33.0	32.7	32.4	31.9	31.4	30.7	30.0
36	30.5	30.2	30.1	29.8	29.5	29.1	28.9	28.2	27.6
38	28.0	27.6	27.5	27.2	26.9	26.5	26.3	26.0	25.4
40	25.7	25.3	25.2	24.9	24.6	24.2	24.0	23.7	23.3
42	23.6	23.2	23.2	22.8	22.5	22.1	21.9	21.6	21.3
44	21.7	21.4	21.3	20.9	20.6	20.3	20.1	19.7	19.4
46	20.0	19.7	19.6	19.2	18.9	18.6	18.4	18.0	17.7
48	18.5	18.1	18.1	17.7	17.4	17.0	16.8	16.5	16.1
50	17.1	16.7	16.7	16.3	16.0	15.6	15.4	15.1	14.7
52	15.8	15.4	15.4	15.0	14.7	14.3	14.1	13.8	13.4
54	14.6	14.2	14.2	13.8	13.5	13.1	12.9	12.6	12.2
56	13.5	13.1	13.1	12.7	12.4	12.0	11.8	11.4	11.1
58	12.4	12.1	12.0	11.7	11.3	11.0	10.8	10.4	10.1
60	11.5	11.1	11.1	10.7	10.4	10.0	9.8	9.5	9.1
64	9.7	9.4	9.3	9.0	8.6	8.3	8.1	7.7	7.4
68			7.8	7.4	7.1	6.7	6.6	6.2	5.9
72				6.1	5.7	5.4	5.2	4.9	4.5
76					4.2	4.0	3.6	3.3	



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**HF****Boom Length 34~58m
Jib Length 10m**

m	34	37	40	43	46	49	52	55	58
12	82.0								
13	81.0	81.0	81.0	79.4	78.4				
14	76.8	77.7	78.4	77.9	76.8	75.9	75.0	74.1	73.2
15	74.8	75.7	76.5	76.3	75.4	74.6	73.7	72.9	72.1
16	72.9	73.9	74.8	74.9	74.1	73.3	72.5	71.8	71.0
17	71.1	72.1	73.0	73.5	72.8	72.1	71.4	70.7	69.9
18	69.4	70.5	71.5	72.2	71.6	70.9	70.2	69.5	69.5
19	67.9	68.9	69.9	70.9	70.3	69.7	69.2	69.0	69.1
20	66.3	67.5	68.5	69.5	69.2	68.7	68.4	68.6	68.8
22	63.7	64.0	64.9	65.9	66.8	66.4	65.4	64.4	63.3
24	59.9	59.7	59.5	59.3	59.1	58.9	58.7	58.1	57.2
26	53.6	53.4	53.2	53.0	52.8	52.5	52.3	52.1	51.8
28	48.3	48.1	47.9	47.7	47.4	47.2	46.9	46.7	46.5
30	43.8	43.6	43.3	43.2	42.9	42.7	42.4	42.2	41.9
32	39.9	39.7	39.5	39.3	39.0	38.8	38.5	38.3	38.0
34	36.5	36.3	36.1	35.9	35.6	35.4	35.1	34.9	34.6
36	33.6	33.4	33.1	32.9	32.6	32.4	32.1	31.9	31.6
38	30.9	30.7	30.4	30.3	30.0	29.7	29.4	29.2	28.9
40	28.3	28.1	27.9	27.6	27.4	27.1	26.9	26.6	
42		25.9	25.8	25.5	25.3	25.0	24.7	24.4	
44			23.9	23.6	23.3	23.0	22.8	22.5	
46				21.8	21.6	21.3	21.1	20.8	
48					20.2	20.0	19.7	19.5	19.2
50						18.5	18.2	18.0	17.7
52							16.9	16.7	16.4
54								15.4	15.1
56									13.9



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HF

Boom Length 61~85m
Jib Length 10m

m	61	64	67	70	73	76	79	82	85
15	71.0	71.0	71.0	71.0					
16	70.5	70.6	70.5	70.6	68.5	68.5	68.5	68.5	
17	70.0	70.1	70.2	70.2	68.5	68.5	68.5	68.5	67.6
18	69.6	69.7	69.8	69.8	68.5	68.5	68.5	68.5	67.4
19	69.3	69.4	69.4	69.5	68.5	68.1	67.1	66.0	64.9
20	68.9	68.4	67.5	66.4	65.4	64.3	63.3	62.3	61.3
22	62.3	61.3	60.6	59.6	58.6	57.7	56.8	55.9	55.0
24	56.3	55.3	54.7	53.8	52.9	52.0	51.3	50.4	49.6
26	51.1	50.2	49.6	48.8	48.0	47.2	46.5	45.7	44.9
28	46.2	45.8	45.2	44.5	43.7	42.9	42.3	41.6	40.8
30	41.7	41.4	41.3	40.7	40.0	39.2	38.6	37.9	37.2
32	37.7	37.5	37.4	37.1	36.6	35.9	35.4	34.7	34.1
34	34.3	34.0	34.0	33.7	33.4	33.0	32.5	31.9	31.2
36	31.3	31.0	31.0	30.7	30.4	30.1	29.9	29.3	28.7
38	28.6	28.3	28.3	28.0	27.7	27.4	27.3	27.0	26.4
40	26.3	26.0	25.9	25.6	25.3	25.0	24.9	24.6	24.3
42	24.1	23.8	23.8	23.5	23.2	22.9	22.7	22.4	22.1
44	22.2	21.9	21.9	21.6	21.3	20.9	20.8	20.5	20.2
46	20.5	20.2	20.1	19.8	19.5	19.2	19.0	18.7	18.4
48	18.9	18.6	18.5	18.2	17.9	17.6	17.4	17.1	16.8
50	17.4	17.1	17.1	16.7	16.4	16.1	16.0	15.6	15.3
52	16.1	15.7	15.7	15.4	15.1	14.8	14.6	14.3	14.0
54	14.8	14.5	14.5	14.2	13.9	13.5	13.4	13.0	12.7
56	13.7	13.4	13.3	13.0	12.7	12.4	12.2	11.9	11.6
58	12.6	12.3	12.3	11.9	11.6	11.3	11.2	10.8	10.5
60		11.3	11.3	10.9	10.6	10.3	10.2	9.8	9.5
64			9.4	9.1	8.8	8.5	8.4	8.0	7.7
68					7.2	6.9	6.8	6.4	6.1
72							5.4	5.0	4.7
76									3.4



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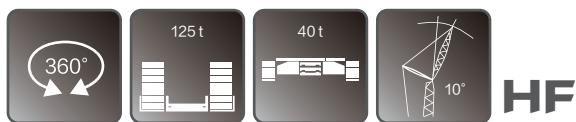
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Boom Length 34~58m
Jib Length 16m

 m	34	37	40	43	46	49	52	55	58
11	95.0	93.0	91.2						
12	92.3	91.5	89.0	89.2	88.1	87.1	81.6		
13	89.1	88.4	87.4	86.2	85.3	84.4	79.7	77.7	74.3
14	85.8	85.3	84.4	83.6	82.9	82.1	77.5	76.0	73.0
15	83.2	82.7	82.0	81.3	80.7	79.9	77.4	74.5	71.9
16	80.5	80.1	79.5	78.9	78.4	77.7	77.2	72.9	70.7
17	78.0	77.7	77.2	75.0	74.6	74.1	73.6	71.3	69.5
18	75.5	75.3	74.9	71.0	70.7	70.4	70.0	69.6	68.3
19	71.7	71.6	71.3	69.2	69.0	68.7	68.4	68.0	67.1
20	67.9	67.9	67.6	67.4	67.2	67.0	66.8	66.4	65.9
22	63.4	63.2	63.0	62.8	62.2	61.5	60.7	60.1	59.3
24	56.2	55.9	55.7	55.5	55.3	55.1	54.7	54.1	53.4
26	50.2	50.0	49.8	49.6	49.4	49.2	49.0	48.8	48.4
28	45.2	45.0	44.8	44.6	44.5	45.2	45.8	46.4	46.1
30	41.0	40.8	41.6	42.4	42.9	42.6	42.3	42.0	41.7
32	38.7	39.6	39.6	39.4	39.1	38.8	38.4	38.2	37.8
34	37.0	36.7	36.3	36.1	35.7	35.4	35.1	34.8	34.5
36	34.1	33.8	33.4	33.2	32.8	32.5	32.2	31.9	31.6
38	31.5	31.2	30.8	30.6	30.2	29.9	29.6	29.3	29.0
40	29.2	28.9	28.5	28.3	27.9	27.6	27.3	27.0	26.6
42	27.1	26.8	26.5	26.2	25.9	25.5	25.2	24.9	24.6
44	25.2	24.9	24.6	24.3	24.0	23.7	23.3	23.0	22.7
46	23.5	23.2	22.9	22.7	22.3	22.0	21.6	21.3	21.0
48	21.7	21.3	21.1	20.8	20.4	20.1	19.8	19.4	
50	20.2	19.9	19.7	19.3	19.0	18.7	18.4	18.0	
52		18.6	18.4	18.0	17.7	17.3	17.1	16.7	
54			17.1	16.8	16.5	16.1	15.9	15.5	
56				15.7	15.4	15.0	14.8	14.4	
58					14.3	14.0	13.7	13.4	
60					13.3	13.0	12.7	12.4	
64							11.0	10.6	
68								9.1	
		6	6	6	6	6	6	5	5



HF

Boom Length 61~82m
Jib Length 16m

m	61	64	67	70	73	76	79	82
13	71.1	68.0						
14	70.1	67.0	64.4	60.5	60.6	60.7		
15	69.0	66.0	63.4	59.8	59.5	59.7	59.4	51.8
16	67.8	65.0	62.4	59.2	58.6	58.7	58.4	51.8
17	66.7	64.0	61.5	58.9	57.6	57.7	57.5	51.8
18	65.6	63.0	60.5	58.5	56.6	56.8	56.6	51.8
19	64.6	62.1	58.1	56.3	55.8	56.0	55.8	51.8
20	63.6	61.1	55.7	54.6	54.9	55.1	54.9	51.8
22	58.7	57.9	54.0	53.0	53.3	53.5	53.4	51.8
24	52.8	52.3	51.7	51.4	51.0	50.1	49.4	48.5
26	48.8	48.6	48.0	47.2	46.4	45.5	44.8	44.0
28	45.3	44.4	43.9	43.1	42.3	41.5	40.9	40.1
30	41.4	40.7	40.2	39.5	38.7	38.0	37.4	36.7
32	37.5	37.2	37.0	36.3	35.6	34.9	34.3	33.6
34	34.2	33.8	33.8	33.4	32.8	32.1	31.6	30.9
36	31.2	30.9	30.8	30.5	30.2	29.6	29.1	28.4
38	28.6	28.3	28.2	27.9	27.5	27.2	26.8	26.2
40	26.3	26.0	25.9	25.5	25.2	24.9	24.7	24.2
42	24.2	23.9	23.8	23.5	23.1	22.8	22.6	22.2
44	22.4	22.0	21.9	21.6	21.2	20.9	20.7	20.4
46	20.7	20.3	20.2	19.9	19.5	19.2	19.0	18.6
48	19.1	18.7	18.7	18.3	18.0	17.6	17.4	17.1
50	17.7	17.3	17.2	16.9	16.5	16.2	16.0	15.6
52	16.4	16.0	15.9	15.6	15.2	14.9	14.7	14.3
54	15.2	14.8	14.7	14.4	14.0	13.7	13.5	13.1
56	14.1	13.7	13.6	13.2	12.9	12.5	12.4	12.0
58	13.0	12.7	12.6	12.2	11.9	11.5	11.3	11.0
60	12.1	11.7	11.6	11.2	10.9	10.5	10.4	10.0
64	10.3	9.9	9.9	9.5	9.2	8.8	8.6	8.2
68	8.8	8.4	8.3	8.0	7.6	7.3	7.1	6.7
72		7.0	7.0	6.6	6.3	5.9	5.7	5.3
76			5.7	5.4	5.0	4.7	4.5	4.1
80					3.9	3.6	3.4	3.0
	5	5	4	4	4	4	4	4



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**HF****Boom Length 34~58m
Jib Length 16m**

m	34	37	40	43	46	49	52	55	58
16	60.0	60.0	57.4						
17	58.0	58.0	56.2	55.4	54.6	53.9	53.2		
18	55.7	56.0	55.1	54.3	53.6	52.9	52.3	51.7	51.2
19	54.3	54.9	54.1	53.3	52.6	52.0	51.5	50.9	50.4
20	52.9	53.7	53.0	52.3	51.7	51.2	50.7	50.2	49.7
22	50.6	51.3	51.2	50.6	50.1	49.6	49.2	48.7	48.2
24	48.5	49.2	49.5	49.0	48.5	48.1	47.7	47.3	47.0
26	46.5	47.3	47.8	47.4	47.0	46.7	46.4	46.1	45.8
28	44.8	45.6	46.2	46.1	45.8	45.5	45.2	44.9	44.7
30	42.1	42.0	41.8	41.7	41.5	41.4	41.2	41.1	40.9
32	38.4	38.3	38.0	37.9	37.7	37.6	37.4	37.2	37.1
34	35.1	35.0	34.8	35.0	35.3	35.5	35.8	36.0	35.9
36	33.7	34.0	34.3	34.1	33.8	33.6	33.3	33.1	32.9
38	32.1	31.9	31.6	31.4	31.1	30.9	30.6	30.4	30.1
40	29.7	29.5	29.2	29.0	28.7	28.5	28.2	28.0	27.7
42	27.5	27.3	27.0	26.9	26.6	26.3	26.1	25.8	25.6
44	25.5	25.3	25.1	24.9	24.6	24.4	24.1	23.9	23.6
46	23.5	23.3	23.1	22.9	22.6	22.3	22.1	21.8	
48		21.7	21.5	21.2	21.0	20.7	20.5	20.2	
50			20.0	19.7	19.5	19.2	19.0	18.7	
52				18.3	18.1	17.8	17.6	17.3	
54				17.1	16.8	16.5	16.3	16.0	
56					15.6	15.4	15.2	14.9	
58						14.2	14.1	13.8	
60							13.0	12.7	
	4	4	4	4	4	4	4	4	4



HF

Boom Length 61~82m
Jib Length 16m

m	61	64	67	70	73	76	79	82
18	52.0	51.1						
19	51.0	49.4	43.8	43.4	42.4	41.6		
20	49.2	48.7	43.1	42.8	42.1	41.2	41.2	41.2
22	47.8	47.4	42.1	41.7	41.3	40.6	40.5	40.6
24	46.6	46.2	41.0	40.7	40.4	39.9	39.9	40.0
26	45.5	45.1	40.1	39.8	39.4	39.3	39.3	39.4
28	44.4	44.1	39.2	38.9	38.7	38.7	38.7	38.8
30	40.8	40.6	38.3	38.0	38.1	38.2	38.2	38.3
32	37.0	37.1	37.3	37.4	37.5	36.9	36.3	35.7
34	35.7	35.4	35.4	35.1	34.5	33.9	33.4	32.8
36	32.6	32.3	32.3	32.0	31.8	31.3	30.8	30.2
38	29.9	29.6	29.6	29.3	29.0	28.8	28.4	27.9
40	27.5	27.2	27.1	26.8	26.6	26.3	26.1	25.7
42	25.3	25.0	24.9	24.7	24.4	24.1	23.9	23.7
44	23.3	23.0	23.0	22.7	22.4	22.1	22.0	21.7
46	21.5	21.2	21.2	20.9	20.6	20.3	20.2	19.9
48	19.9	19.6	19.5	19.3	19.0	18.7	18.5	18.2
50	18.4	18.1	18.1	17.8	17.5	17.2	17.0	16.7
52	17.0	16.7	16.7	16.4	16.1	15.8	15.6	15.3
54	15.8	15.5	15.4	15.1	14.8	14.5	14.3	14.0
56	14.6	14.3	14.2	13.9	13.6	13.3	13.2	12.9
58	13.5	13.2	13.1	12.8	12.5	12.2	12.1	11.8
60	12.5	12.2	12.1	11.8	11.5	11.2	11.0	10.7
64	10.6	10.3	10.3	10.0	9.7	9.3	9.2	8.9
68			8.6	8.3	8.0	7.7	7.6	7.2
72				6.8	6.6	6.2	6.1	5.8
76						4.9	4.8	4.5
80								3.3
		4	4	3	3	3	3	3

HW

Boom length (m)	Main boom combinations					
	Boom code					
	H10.5B-2621 (10.5m)	H3-2621 (3m)	H6-2621 (6m)	H12-2621 (12mA)	H7R-2621 (7m)	HT1.5-2016 (1.5m)
25	1	0	1	0	1	1
28	1	1	1	0	1	1
31	1	0	0	1	1	1
34	1	1	0	1	1	1
37	1	0	1	1	1	1
40	1	1	1	1	1	1
43	1	0	1	2	1	1
46	1	1	0	2	1	1
49	1	0	1	2	1	1
52	1	1	1	2	1	1
55	1	0	0	3	1	1
58	1	1	0	3	1	1
61	1	0	1	3	1	1
64	1	1	1	3	1	1

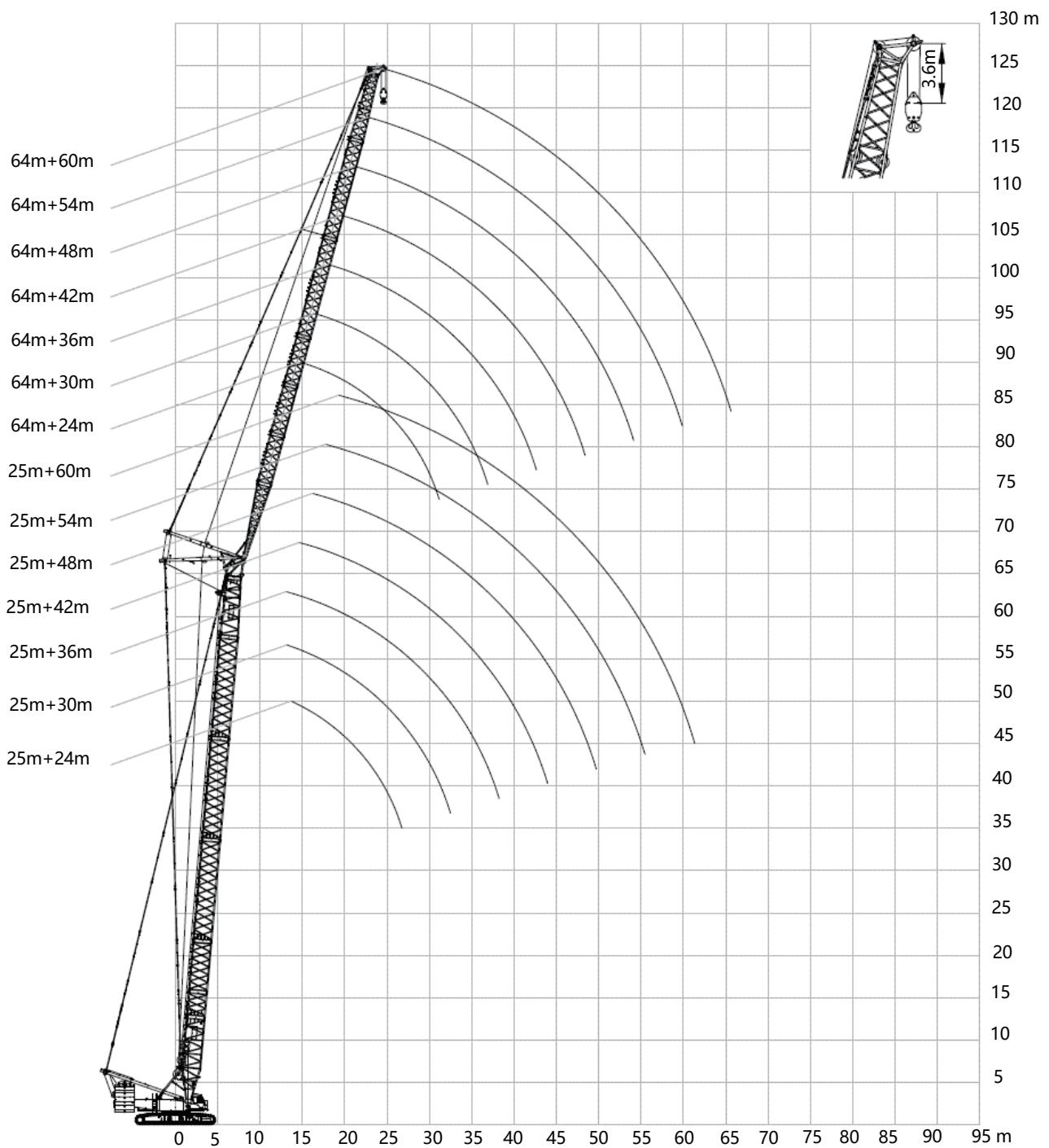
Note: Boom outside pendant used for fixed jib needs to be removed from boom section, tower jib guide pulley needs to be installed on boom tapered section.

HW

Boom length (m)	Main boom combinations				
	Boom code				
1730-2016-B (9m)	1730-2016 (6mA)	1730-2016 (6mB)	1730-2016 (12m)	1730-2016-T (9m)	
24	1	1	0	0	1
30	1	1	1	0	1
36	1	1	2[0]	0[1]	1
42	1	1	1	1	1
48	1	1	2[0]	1[2]	1
54	1	1	1	2	1
*60	1	1	2	2	1

Note: 1. ** " tower jib combination needs to use 2.59m center.

2. To ensure the maximum use of jib combination, it is recommended to purchase tower jib 42m and 54m.





HW

Boom Length 25m
Jib Length 24~60m

 m	24	30	36	42	48	54	60
12	130.0						
13	127.0						
14	117.3	102.6					
15	108.9	101.3	86.0				
16	101.4	100.0	85.2				
17	95.0	93.6	84.3	72.5			
18	91.6	88.2	83.5	73.5			
19	84.3	85.3	81.7	72.0	69.6		
20	79.8	78.4	77.4	71.5	62.5	51.5	
22	71.5	71.5	71.3	70.4	59.3	51.0	45.1
24	62.8	64.0	64.7	64.7	58.5	50.3	44.7
26	56.3	57.8	57.4	57.8	55.5	49.7	44.2
28		51.5	52.9	53.4	53.9	49.1	43.8
30		46.8	50.0	49.0	48.0	45.8	43.4
32		42.8	44.6	44.9	43.2	43.1	41.6
34			40.0	42.2	41.2	41.2	38.4
36			36.9	37.7	37.1	36.5	35.5
38			32.9	34.4	35.9	34.3	33.0
40				31.5	33.3	31.8	30.9
42				28.2	29.3	30.6	28.9
44				25.2	26.9	29.6	27.0
46					24.4	25.5	25.5
48					22.4	23.4	23.8
50					20.2	21.5	22.7
52						19.6	20.5
54						18.1	18.8
56							17.3
58							16.1
60							14.6



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**HW****Boom Length 37m
Jib Length 24~60m**

m	24	30	36	42	48	54	60
13	120.0						
14	114.7						
15	106.3	97.0					
16	100.9	95.8					
17	94.6	91.5	81.0				
18	91.6	88.2	81.0	73.5			
19	84.3	85.3	79.6	70.6			
20	79.8	78.4	77.4	70.6	58.8		
22	71.5	71.5	71.3	70.4	57.3	48.0	
24	62.7	64.0	65.0	64.7	56.1	47.8	41.5
26	55.8	56.8	57.4	58.2	55.5	47.4	41.5
28	49.9	51.2	52.9	53.4	53.9	47.1	41.2
30		46.8	50.0	49.0	48.0	45.8	41.1
32		41.5	43.5	44.9	43.2	43.1	41.1
34		38.4	39.1	42.2	41.2	41.2	37.9
36			35.1	37.7	37.1	36.5	35.2
38			32.9	34.4	35.9	34.3	32.7
40				30.6	33.3	31.8	30.6
42				28.2	29.3	30.6	28.6
44				25.2	26.9	29.6	26.9
46					24.4	25.5	25.5
48					22.4	23.4	23.8
50					20.2	21.5	22.2
52						19.6	20.5
54						18.1	18.8
56						16.3	17.3
58							16.1
60							14.6



8

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HW

Boom Length 49m
Jib Length 24~60m

m	24	30	36	42	48	54	60
14	107.5						
15	100.7						
16	98.3	90.6					
17	95.0	89.6					
18	92.1	88.6	75.8				
19	83.7	85.7	75.9	64.3			
20	78.4	77.4	75.4	64.3			
22	67.4	70.4	71.4	63.8	54.3	45.2	
24	61.1	64.0	65.3	62.3	54.3	45.2	38.4
26	54.7	57.4	57.8	57.3	53.0	44.2	38.4
28	50.1	50.7	53.3	53.3	51.6	43.0	37.6
30		46.1	48.2	48.3	47.8	42.2	37.4
32		42.6	43.6	45.1	44.1	41.2	36.8
34		38.6	40.2	42.3	41.7	37.4	35.1
36			37.1	37.4	37.7	36.6	33.2
38			33.1	34.6	36.2	35.2	31.4
40			29.0	31.6	33.5	32.6	29.5
42				28.4	28.9	31.0	28.3
44				25.3	26.6	29.1	26.7
46					24.5	24.5	25.4
48					22.6	22.8	23.9
50					20.3	21.2	22.8
52					18.2	19.6	19.9
54						18.2	18.5
56						16.3	17.3
58							16.2
60							14.7



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**HW****Boom Length 58m
Jib Length 24~60m**

m	24	30	36	42	48	54	60
15	95.2						
16	89.3						
17	83.2	79.6					
18	79.4	77.2					
19	74.6	72.5	66.8				
20	70.3	68.3	66.4	56.9			
22	63.7	63.7	63.4	56.4	47.0		
24	55.9	56.8	56.4	55.4	46.7	41.2	
26	51.0	52.9	52.9	52.9	46.4	41.2	34.8
28	46.7	48.0	47.0	46.6	46.0	40.3	34.3
30	43.1	42.6	43.1	42.8	42.8	38.7	34.2
32		39.5	39.9	40.2	40.3	36.5	32.7
34		36.5	36.4	36.3	37.2	34.4	31.4
36		32.8	33.3	34.3	34.3	33.1	29.4
38			31.4	32.4	33.3	32.3	27.6
40			27.4	27.7	28.6	27.9	26.5
42			24.4	25.4	26.0	25.1	24.8
44				23.2	23.5	23.3	23.3
46				21.3	21.7	21.7	21.8
48					20.0	20.3	20.0
50					18.4	18.6	18.7
52					17.1	17.2	17.3
54						16.1	16.3
56						14.9	15.2
58						13.8	14.1
60							13.2
64							11.5



7

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3



HW

Boom Length 64m
Jib Length 24~60m

m	24	30	36	42	48	54	60
16	85.6						
17	81.2	72.9					
18	76.0	71.9					
19	71.3	70.6	61.5				
20	67.2	66.5	60.9	52.2			
22	59.7	59.6	58.2	51.6	44.3		
24	54.0	53.8	53.4	49.8	43.9	37.5	
26	49.1	48.6	48.6	46.6	42.9	37.3	32.8
28	45.1	44.5	44.6	43.2	40.3	37.0	32.6
30	41.6	41.1	41.1	39.9	37.7	35.0	32.3
32		37.9	37.5	36.8	35.2	33.0	30.7
34		34.3	34.2	33.8	32.7	30.9	29.1
36		30.9	31.1	30.8	30.3	28.9	27.6
38			28.4	28.3	28.1	27.1	26.0
40			25.8	25.9	25.7	25.3	24.4
42			23.4	23.7	23.7	23.5	22.8
44				21.8	21.9	21.6	21.4
46				20.0	20.2	20.1	20.0
48					18.7	18.6	18.5
50					17.2	17.3	17.2
52					16.0	16.1	16.2
54						15.0	15.1
56						13.9	14.0
58						12.9	13.1
60							12.2
64							10.6
	6	5	4	4	3	3	2

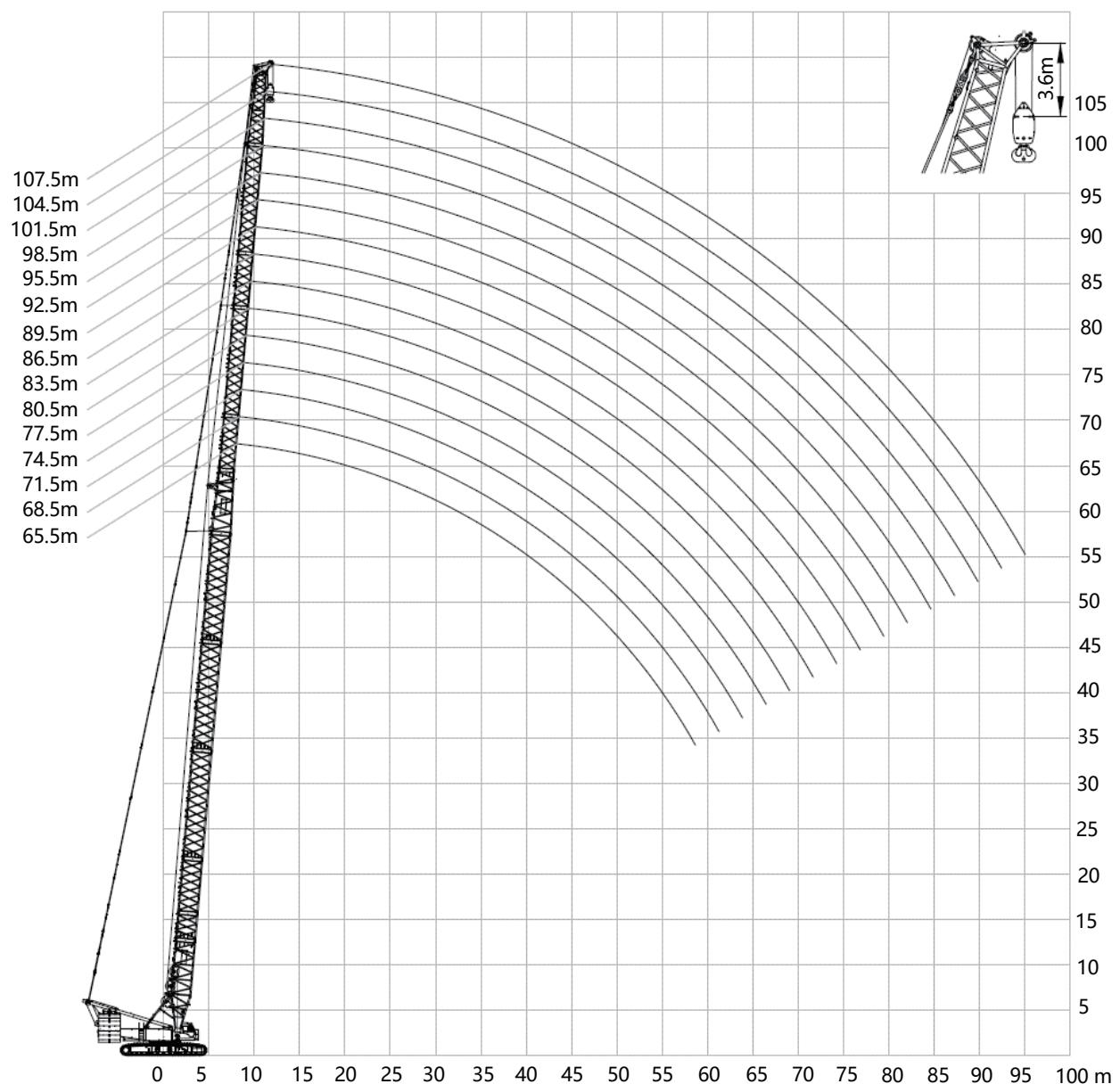
LB

Light-duty boom combination									
Length (m)	Code								
	H10.5B- 2621 (10.5m)	H3- 2621 (3m)	H6- 2621 (6m)	H12- 2621 (12m)	H7R- 2621 (7m)	1730- 2016 (6mA)	1730- 2016 (6mB)	1730- 2016 (12mB)	1730- 2016 (9m)
65.5	1	1	1	1	1	1	0	1	1
68.5	1	0	0	2	1	1	0	1	1
71.5	1	1	0	2	1	1	0	1	1
*74.5	1	0	1	2	1	1	0	1	1
*77.5	1	1	1	2	1	1	0	1	1
*80.5	1	0	0	3	1	1	0	1	1
**83.5	1	1	1	2	1	1	1	1	1
**86.5	1	0	0	3	1	1	1	1	1
**89.5	1	1	0	3	1	1	1	1	1
**92.5	1	0	1	3	1	1	1	1	1
**95.5	1	1	1	3	1	1	1	1	1
**98.5	1	0	0	3	1	1	1	2	1
**101.5	1	1	0	3	1	1	1	2	1
**104.5	1	0	1	3	1	1	1	2	1
**107.5	1	1	1	3	1	1	1	2	1

Note: 1. “*” light boom combination length needs to use 1.25m center hitch.

2. “**” light boom combination length needs to use 1.25m and 2.62m center hitches.

3. Boom outside pendants used for fixed jib and tower jib need to be removed from boom sections, tower jib guide pulley needs to be installed on boom tapered section.

LB



LB

Boom Length 65.5~107.5m
Jib Length 24~60m

m	65.5	68.5	71.5	74.5	77.5	80.5	83.5	86.5	89.5	92.5	95.5	98.5	101.5	104.5	107.5
10	118.0	113.0	108.7												
11	116.6	112.2	107.8	98.6	97.4	95.7									
12	116.8	111.5	107.2	96.5	95.6	94.2	77.5	77.0	76.2						
14	104.9	103.0	100.8	92.5	92.0	91.1	74.1	73.9	73.4	72.7	71.5	55.5	54.9	53.9	51.7
16	91.6	90.0	88.4	86.8	85.2	83.8	70.9	71.1	70.9	70.3	69.4	53.4	53.5	52.6	50.5
18	81.1	79.7	78.4	76.9	75.6	74.3	68.0	68.4	68.3	68.1	67.4	51.6	51.3	50.8	49.3
20	72.5	71.4	70.2	68.9	67.7	66.6	64.7	64.6	63.5	62.5	61.4	49.7	49.6	49.2	48.0
22	64.4	64.1	63.4	62.2	61.1	60.1	59.4	58.4	57.4	56.4	55.4	48.1	47.9	47.8	46.8
24	57.2	57.0	56.6	56.2	55.6	54.7	54.0	53.1	52.2	51.3	50.4	46.2	46.4	46.4	45.6
26	51.3	51.0	50.7	50.3	50.0	49.7	49.3	48.5	47.7	46.8	46.0	45.0	44.9	44.4	43.6
28	46.4	46.1	45.8	45.3	45.0	44.7	44.6	44.3	43.7	43.0	42.2	42.2	41.5	40.7	39.9
30	42.2	41.9	41.6	41.1	40.8	40.5	40.4	40.1	39.8	39.4	38.8	38.9	38.2	37.5	36.7
32	38.6	38.3	37.9	37.5	37.2	36.9	36.8	36.5	36.1	35.8	35.4	35.9	35.3	34.6	33.9
34	35.4	35.2	34.8	34.4	34.0	33.7	33.6	33.3	33.0	32.6	32.3	32.7	32.4	32.0	31.3
36	32.7	32.4	32.0	31.6	31.3	31.0	30.9	30.5	30.2	29.9	29.5	29.9	29.6	29.3	28.9
38	30.2	30.0	29.6	29.2	28.8	28.5	28.4	28.1	27.7	27.4	27.0	27.5	27.1	26.8	26.4
40	28.1	27.8	27.4	27.0	26.7	26.4	26.2	25.9	25.6	25.2	24.9	25.3	24.9	24.6	24.3
42	26.1	25.9	25.5	25.1	24.7	24.4	24.3	24.0	23.6	23.3	22.9	23.3	23.0	22.6	22.3
44	24.4	24.1	23.7	23.3	22.9	22.7	22.5	22.2	21.9	21.5	21.1	21.6	21.2	20.9	20.5
46	22.8	22.5	22.1	21.7	21.4	21.1	20.9	20.6	20.3	19.9	19.5	20.0	19.6	19.3	18.9
48	21.3	21.1	20.7	20.3	19.9	19.6	19.5	19.2	18.8	18.5	18.1	18.5	18.2	18.2	17.8
50	20.0	19.7	19.4	19.0	18.6	18.3	18.2	17.8	17.5	17.1	16.7	17.2	17.3	16.9	16.3
52	18.8	18.5	18.1	17.7	17.4	17.1	16.9	16.6	16.3	15.9	15.6	16.4	16.1	15.7	15.1
54	17.7	17.4	17.0	16.6	16.2	15.9	15.8	15.5	15.1	14.9	14.6	15.2	14.9	14.3	14.0
56	16.6	16.3	16.0	15.6	15.2	14.9	14.8	14.5	14.1	13.9	13.5	14.0	13.8	13.4	12.9
58	15.6	15.4	15.0	14.6	14.2	13.9	13.8	13.5	13.1	12.9	12.5	13.0	12.9	12.4	11.9
60	14.5	14.1	13.7	13.3	13.0	12.9	12.6	12.3	12.0	11.7	12.2	11.9	11.5	11.0	
64				12.1	11.7	11.4	11.3	11.0	10.7	10.4	10.1	10.5	10.3	10.0	9.3
68					10.3	10.0	9.9	9.6	9.3	9.1	8.8	9.2	8.9	8.6	7.9
72						8.6	8.5	8.2	7.8	7.5	8.0	7.7	7.4	6.6	
76							7.3	7.0	6.8	6.5	6.9	6.6	6.3	5.5	
80								5.8	5.5	5.9	5.6	5.3	4.5		
84									4.6	5.0	4.7	4.5	3.6		
88										3.9	3.7				
		8	7	7	6	6	6	5	5	5	5	4	4	4	4

HBF

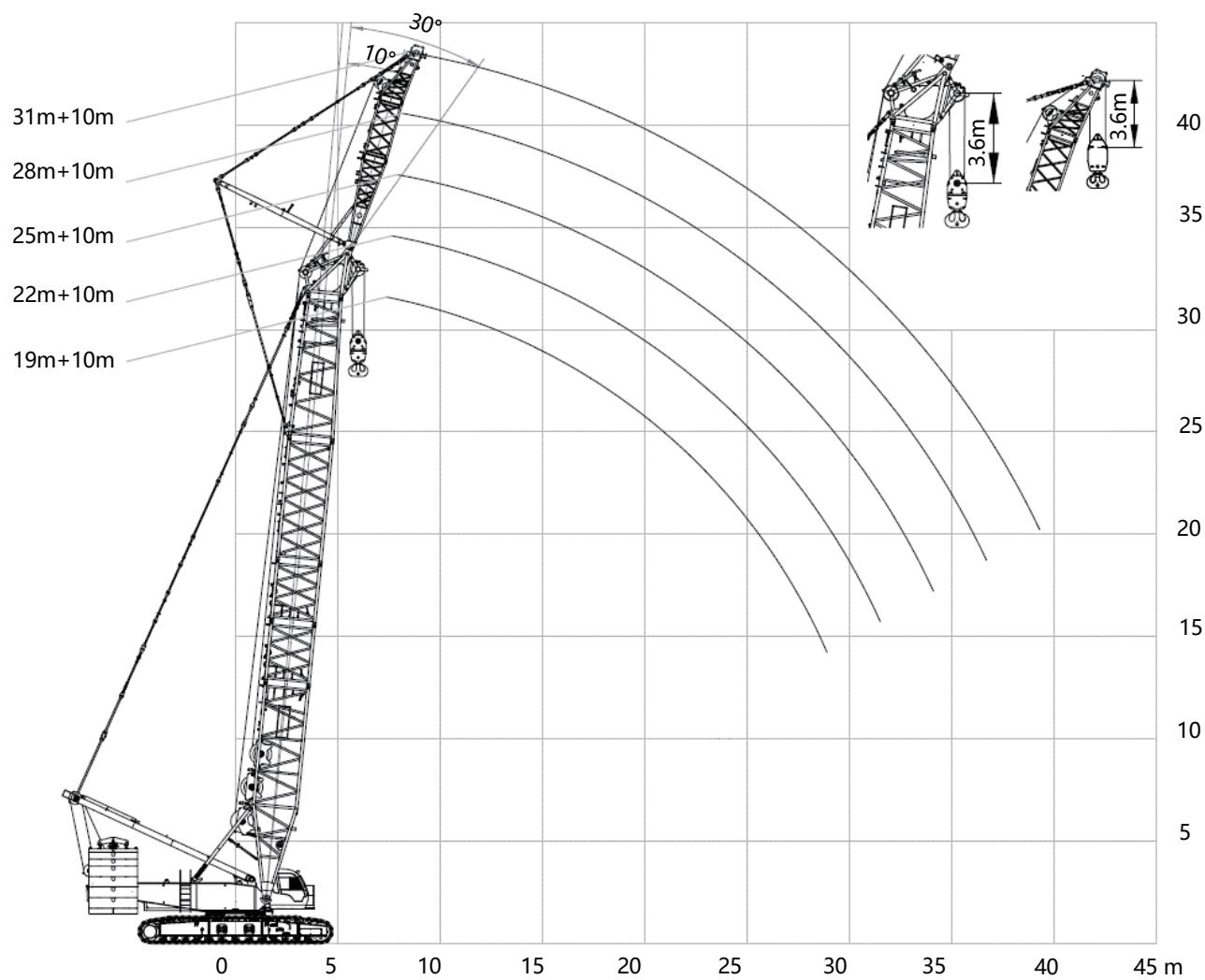
Main boom combinations						
Boom length (m)	Boom code					
	H10.5B-2621 (10.5m)	H3-2621 (3m)	H6-2621 (6m)	H12-2621 (12mA)	H7R-2621 (7m)	HT1.5-2016 (1.5m)
19	1	0	0	0	1	1
22	1	1	0	0	1	1
25	1	0	1	0	1	1
28	1	1	1	0	1	1
31	1	0	0	1	1	1

Note: 1. Tower jib rear pendant need to be removed from boom section, tower jib guide pulley needs to be removed from boom tapered section.

2. TBM jib sections are interchangeable with fixed jib sections.

Jib combination			
Jib length (m)	Name of jib sections		
	1411-B (4.5m)	1411 (3m)	1411-T (2.5m)
7	1	0	1
10	1	1	1

HBF



**HBF**

**22m boom +
7m TBM jib**



	m	82.13	Max	m	Max	7.1	Max
6							
7	79.46	252.0		9.7	130.0	8.3	183.2
8	76.76	216.7		11.0	130.0	9.5	166.8
9	74.02	192.3		12.4	125.6	10.7	153.6
10	71.23	183.0		13.7	117.5	11.8	145.8
11	68.38	155.8		15.1	108.6	13.0	129.0
12	65.47	140.0		16.4	96.3	14.2	114.8
13	62.47	126.7		17.7	86.3	15.3	103.7
14	59.37	113.5		19.1	77.4	16.5	92.9
15	56.15	104.0		20.4	71.5	17.7	85.3
16	52.79	92.2		21.7	65.0	18.8	76.7
17	49.24	84.0		23.0	60.3	20.0	70.3
18	45.46	76.8		24.4	55.7	21.2	64.7
19	41.38	71.1		25.7	51.5	22.3	60.0
20	36.87	65.7		27.0	48.1	23.5	55.6

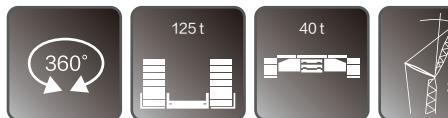


HBF

**22m boom +
10m TBM jib**



	6	82.13	260.0	9.2	113.0	7.6	184.0
7	79.46	246.5		10.7	113.0	8.8	167.9
8	76.76	215.5		12.2	113.0	10.1	153.6
9	74.02	191.0		13.7	111.5	11.3	143.6
10	71.23	171.1		15.1	104.1	12.5	131.3
11	68.38	153.8		16.6	92.2	13.8	116.8
12	65.47	138.1		18.1	82.2	15.0	104.8
13	62.47	124.9		19.5	74.2	16.2	94.7
14	59.37	112.0		21.0	67.7	17.5	85.4
15	56.15	100.5		22.4	62.5	18.7	77.7
16	52.79	90.8		23.9	56.8	19.9	70.6
17	49.24	82.5		25.3	52.4	21.2	64.3
18	45.46	75.4		26.8	48.1	22.4	59.1
19	41.38	69.9		28.2	44.6	23.6	54.8
20	36.87	64.7		29.6	41.4	24.8	50.8

**HBF**

**22m boom +
7m TBM jib**

	m	82.13	Max	m	Max	8.2	Max
6				10.4	94.0		
7	79.46	245.9		11.7	89.5	9.3	148.9
8	76.76	215.2		12.9	85.9	10.4	136.0
9	74.02	190.9		14.2	82.3	11.6	124.4
10	71.23	171.2		15.5	79.2	12.7	115.7
11	68.38	154.8		16.7	76.6	13.8	108.1
12	65.47	139.4		18.0	74.1	15.0	100.2
13	62.47	126.1		19.2	72.1	16.1	93.9
14	59.37	112.5		20.4	69.4	17.2	87.0
15	56.15	101.1		21.7	64.7	18.3	79.8
16	52.79	91.5		22.9	60.1	19.4	73.2
17	49.24	83.3		24.0	55.8	20.5	67.2
18	45.46	76.2		25.2	52.0	21.6	62.1
19	41.38	70.1		26.4	48.2	22.7	57.4



HBF

**22m boom +
10m TBM jib**



6



82.13



260.0



12.2



79.3



9.1

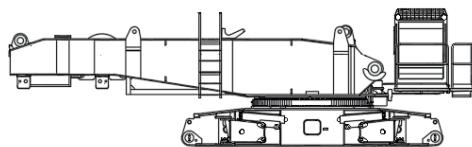


140.8

	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	82.13	79.46	76.76	74.02	71.23	68.38	65.47	62.47	59.37	56.15	52.79	49.24	45.46	41.38
	260.0	243.8	213.3	189.1	169.4	152.9	137.2	124.1	110.6	99.2	89.7	81.6	74.6	68.9
	12.2	13.6	15.0	16.3	17.7	19.1	20.4	21.7	23.0	24.3	25.6	26.9	28.1	29.3
	79.3	75.3	71.8	69.0	66.2	63.6	61.6	59.7	57.8	55.5	52.0	48.5	45.3	42.3
	9.1	10.3	11.5	12.7	13.8	15.0	16.2	17.3	18.5	19.6	20.8	21.9	23.0	24.1
	140.8	127.3	116.2	106.8	99.7	92.7	86.0	80.7	74.7	69.5	63.8	59.0	54.6	50.7

Basic crane transport plan A

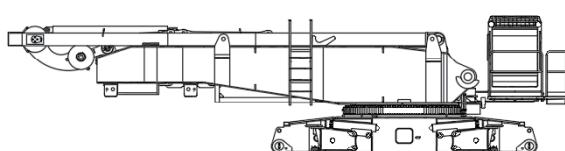
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L	11120mm
W	3000mm
H	3300mm
W	36200kg

Basic crane transport plan B

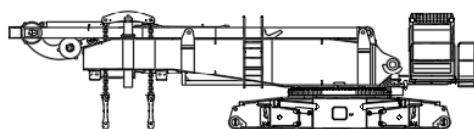
×1



L	13200mm
W	3000mm
H	3320mm
W	45600kg

Basic crane transport plan C

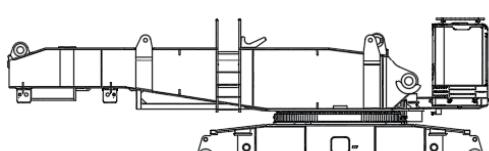
×1



L	13200mm
W	3000mm
H	3400mm
W	47500kg

Basic crane transport plan D

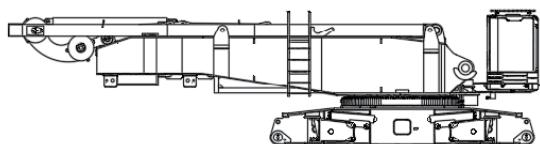
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L	10600mm
W	3000mm
H	3400mm
W	35200kg

Basic crane transport plan E

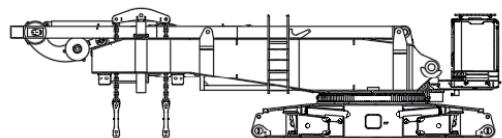
×1



L	12600mm
W	3000mm
H	3400mm
W	45000kg

Basic crane transport plan F

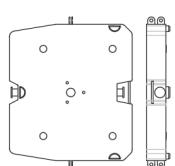
×1



L	12600mm
W	3000mm
H	3400mm
W	46500kg

Turntable counterweight II

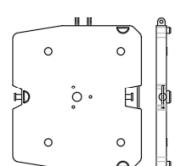
×4



L	2100mm
W	2630mm
H	400mm
W	5000kg

Turntable counterweight III

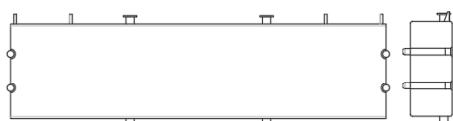
×2



L	2100mm
W	2630mm
H	240mm
W	2500kg

Car-body counterweight I

×2



L	5600mm
W	1630mm
H	720mm
W	15000kg

Car-body counterweight II

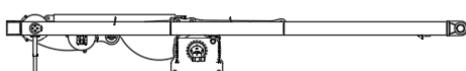
×2



L	5600mm
W	1620mm
H	170mm
W	5000kg

Mast assembly

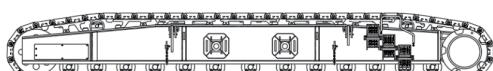
×1



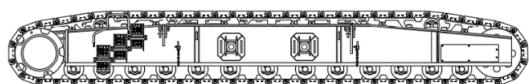
L	10300mm
W	2200mm
H	1420mm
W	7500kg

Left crawler frame

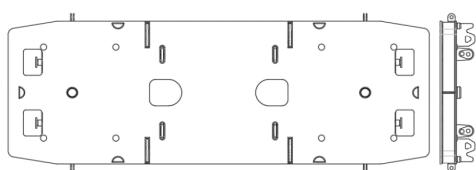
×2



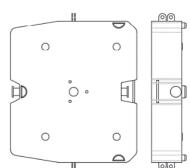
L	9550mm
W	1450mm
H	1350mm
W	23400kg

Right crawler frame**×1**

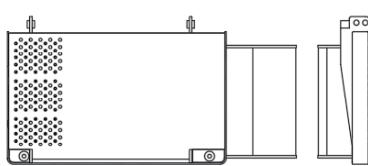
L	9550mm
W	1450mm
H	1350mm
W	23400kg

Turntable counterweight tray**×1**

L	6900mm
W	2630mm
H	570mm
W	20000kg

Turntable counterweight I**×8**

L	2100mm
W	2630mm
H	580mm
W	10000kg

Walkway I**×1**

L	1176mm
W	612mm
H	218mm
W	32kg

Walkway II

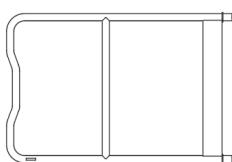
×1



L	1665mm
W	612mm
H	125mm
W	47kg

Guardrail I

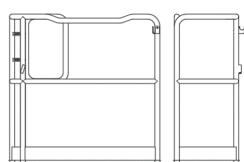
×1



L	1182mm
W	109mm
H	805mm
W	12kg

Guardrail II

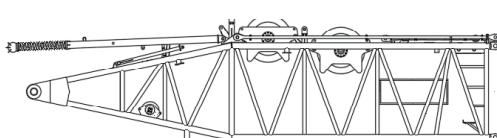
×1



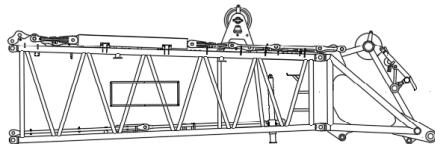
L	1138mm
W	539mm
H	1mm
W	12kg

Bottom section of boom

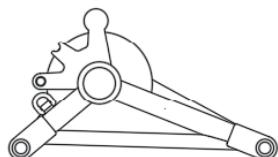
×1



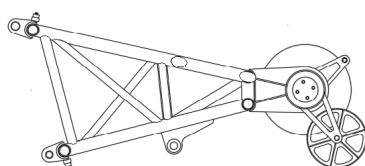
L	11250mm
W	2770mm
H	2900mm
W	14930kg

Boom tapered section**×1**

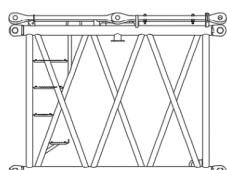
L	9760mm
W	2770mm
H	3200mm
W	6890kg

Boom pulley block (260t)**×1**

L	1680mm
W	1350mm
H	960mm
W	1150kg

Boom point single pulley**×1**

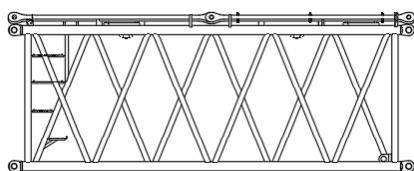
L	2400mm
W	1200mm
H	1050mm
W	400kg

3m section of boom**×1**

L	3180mm
W	2770mm
H	2450mm
W	1370kg

6m section of boom

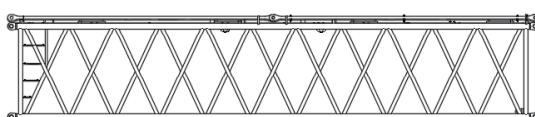
×1



L	6180mm
W	2770mm
H	2450mm
W	2260t

12mA section of boom

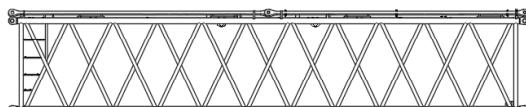
×3



L	12180mm
W	2770mm
H	2450mm
W	4180kg

12m B section of boom

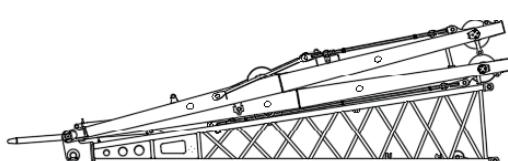
×2



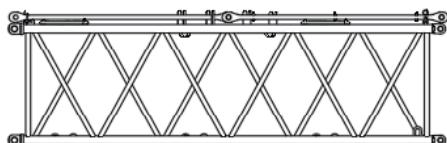
L	12180mm
W	2770mm
H	2450mm
W	3650kg

Three-piece set of tower jib

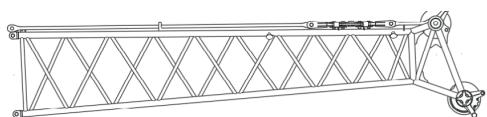
×1



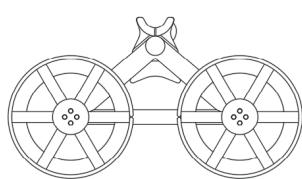
L	10810mm
W	2780mm
H	3190mm
W	7200kg

6mA section of tower jib**×1**

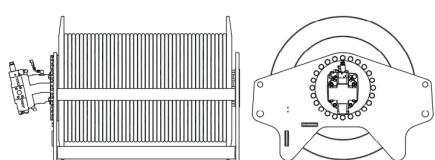
L	6180mm
W	2150mm
H	1950mm
W	1360kg

Top section of tower jib**×1**

L	9570mm
W	2150mm
H	2250mm
W	2880kg

Power trolley**×1**

L	1250mm
W	1150mm
H	700mm
W	400kg

Main lifting winch II (single pulley of tower jib)**×1**

L	1250mm
W	1150mm
H	700mm
W	4100kg

Tower jib point single pulley

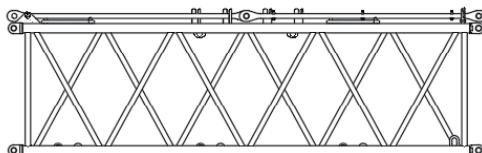
×2



L	3300mm
W	900mm
H	950mm
W	500kg

6mB section of tower jib

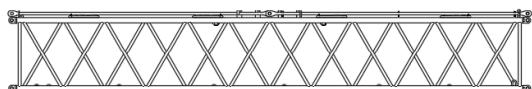
×2



L	6180mm
W	2150mm
H	1950mm
W	1150kg

12m section of tower jib

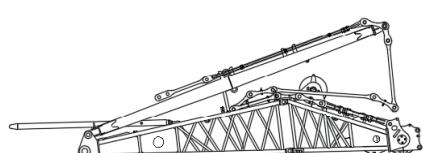
×2



L	12180mm
W	2150mm
H	1950mm
W	1980kg

Basic section of fixed jib

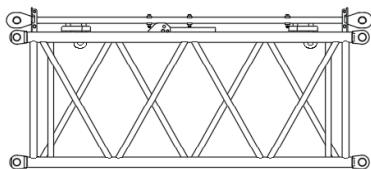
×1



L	9150mm
W	2770mm
H	3160mm
W	4400kg

3m section of fixed jib

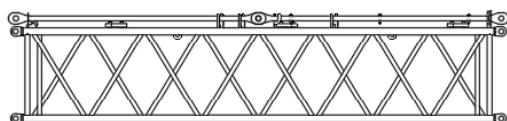
×1



L	3180mm
W	1510mm
H	1450mm
W	520kg

6m section of fixed jib

×1



L	6180mm
W	1510mm
H	1450mm
W	820kg

Additional pendant assembly

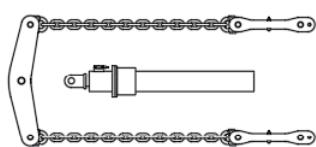
×1



L	6180mm
W	800mm
H	300mm
W	1500kg

Turntable counterweight self-assembly components

×2



L	4500mm
W	590mm
H	400mm
W	400kg

Turntable counterweight locking chain assembly

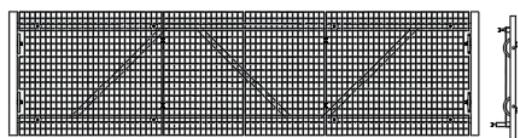
×2



L	3800mm
W	470mm
H	470mm
W	400kg

Undercarriage walkway

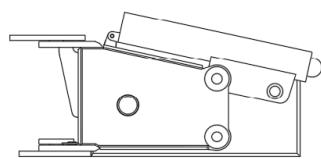
×2



L	3560mm
W	950mm
H	200mm
W	200kg

Left and right outrigger and outrigger cylinders

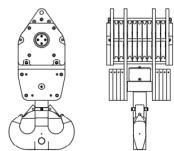
×4



L	1800mm
W	950mm
H	250mm
W	350kg

200t lifting hook assembly

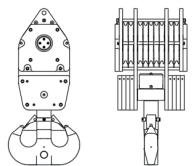
×1



L	950mm
W	990mm
H	2250mm
W	4200kg

160t lifting hook assembly

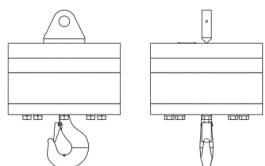
×1



L	850mm
W	870mm
H	2120mm
W	3900kg

16t lifting hook assembly

×1



L	600mm
W	600mm
H	870mm
W	900kg



Rated lifting capacity



Boom angle in HW operation mode



Working radius



Car-body counterweight



Rated lifting capacity of main hook



Radius of main hook



Total length of boom



Boom angle in TBM jib operation mode



Parts of line



Turntable counterweight



Angle between boom and jib



Rated lifting capacity of auxiliary hook



Rated lifting capacity of two hook operation



Radius of auxiliary hook



Max. boom + jib combination length

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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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