



**CRAWLER CRANE**

# XGC400-I



 **400 t**  
Max

 **108 m**

 **84+84 m**

**Product profile**
**Boom combination**

The boom sections of XGC400-I crawler crane use high-strength seamless pipe as the chords and lacing tubes, supplemented by four-chord lattice structure which is welded by high strength steel plate, with equal section in the middle and variable section at two ends.

1) Standard working condition

①HB: Standard heavy boom working condition, boom length 24~84m, composition: 10.5m boom butt × 1, 6m boom insert × 2, 12m thick-wall boom insert I × 1, 12m thick-wall boom insert II × 1, 12m thin-wall boom insert × 2, 6m transition section × 1, 6m light boom section × 1, 1.5m boom head × 1, boom head sheave block × 1.

②LB: Standard light boom working condition, length 42~108m, composition: 10.5m boom butt × 1, 6m boom insert × 1, 12m thick-wall boom insert I × 1, 12m thick-wall boom insert II × 1, 12m thin-wall boom insert × 2, 6m boom transition section × 1, 6m tower jib insert I × 1, 6m tower jib insert II × 1, 12m thick-wall tower jib insert × 1, 12m thin-wall tower jib insert × 1, 7.5m tower jib top × 1.

③HW: Heavy boom + tower jib, boom length 30~60m, tower jib length 24~72m, tower jib composition: 10.5m tower jib butt × 1, 6m tower jib insert I × 1, 6m tower jib insert II × 2, 12m thick-wall tower jib insert × 1, 12m thin-wall tower jib insert × 1, 12m tower jib center hitch section × 1, 7.5m tower jib top × 1.

④HF: Fixed jib working condition. Fixed jib can be installed when boom length is 24~78m. Fixed jib length is 9m.

⑤HJ: Heavy boom + goose head jib (optional configuration), goose head jib can be installed when boom length is 66m~84m. Goose head jib is composed of 0.8m connection section and 7m goose head jib top section.

⑥HFS: TBM jib (optional configuration), boom length 24m, jib length 9m.

2) Superlift working condition

①SHB: Superlift heavy boom working condition, 36 ~ 96m, heavy boom combination is the same as that in standard working condition. Customers can choose an additional 12m boom insert (option) to make the total boom length reach 96m.

②SLB: Superlift light boom working condition, 72 ~ 126m, composition: 10.5m boom butt × 1, 6m boom insert × 2, 12m thick-wall boom insert I × 1, 12m thick-wall boom insert II × 1, 12m thin-wall boom insert × 2, 6m boom transition section × 1, 6m tower jib insert I × 1, 6m tower jib insert II × 2, 12m thick-wall tower jib insert × 1, 12m thin-wall tower jib insert × 1, 7.5m tower jib top × 1.

③SHW: Superlift heavy boom + tower jib, heavy boom length 36~84m, tower jib

## Product profile

length 24~84m, tower jib composition: 10.5m tower jib butt × 1, 6m tower jib insert I × 1, 6m tower jib insert II × 2, 12m thick-wall tower jib insert × 1, 12m thin-wall tower jib insert × 2, 12m tower jib center hitch section × 1, 7.5m tower jib top × 1.

④SHJ: Superlift heavy boom + goose head jib (optional configuration), goose head jib can be installed when boom length is 78m~96m. Goose head jib is composed of 0.8m connection section and 7m goose head jib top section.

⑤SHFS: Superlift TBM jib (optional configuration), boom length is 36m, and jib length is 9m.

<b>Turntable</b>	Turntable is a box frame structure and welded by high strength steel plate. The overall structure is a large box frame with equal strength, the I-shaped main vertical plates at left and right sides are connected with box beam. This structure is with strong bending and torsion resistance and good stability. At the same time, the space in turntable is large, which is convenient for crane maintenance. Turntable is connected to undercarriage through slewing bearing. Many important parts are installed on turntable, such as operator's cab, main luffing winch, main and aux. hoist winches, engine, mast, turntable counterweight and boom system.
<b>Pendant</b>	High strength pendant structure, it is composed of two groups of pendant. The pendant is made of high strength steel with high safety factor. The pendant is equipped with a balance beam, which can effectively balance the load on the two pendant groups, so that the force is uniform.
<b>Mast</b>	<p>Standard mast is box-type structure of twin tubular chord, with good overall stability. The mast is equipped with mast raising mechanism and mast installation power pin. Auxiliary assembly cylinder is fitted to realize the self-assembly/disassembly function of track frame, center counterweight and boom. The mast can be transported with main luffing mechanism.</p> <p>Superlift mast uses high strength seamless pipe as the chord and lacing members, supplemented by four-chord lattice structure which is welded by high strength steel plate, with equal section in the middle and variable section at two ends. The length of superlift mast is 30m, including one bottom section, one 6m section, one 12m section and one top section. The superlift mast is equipped with automatically controlled hydraulic backstop device.</p> <p>See the following table for the configuration and use of the mechanisms of the crane.</p>

**Product profile**
**Mechanism composition**

See the following table for the configuration and use of the mechanisms of the crane.

<b>1</b>	Main hoist winch	Used for the lifting operation of boom, fixed jib and tower jib	Turntable
<b>2</b>	Aux. hoist winch	Used for the lifting operation of boom, fixed jib and tower jib	Turntable
<b>3</b>	Boom luffing winch	Used for boom luffing operation	Boom butt
<b>4</b>	Tower jib luffing winch	Used for tower jib luffing operation	Boom butt
<b>5</b>	Superlift luffing winch	Used for superlift boom luffing operation	Superlift mast butt. section
<b>6</b>	Slewing gear	Used for superstructure slewing	Turntable
<b>7</b>	Travel gear	Used for crane travel	Crawler track
<b>8</b>	Reeving winch	Assist the reeving of wire rope	Turntable
<b>9</b>	Single top hoist winch	Used for single top lifting operation	Boom butt

**Hoist winch**

Main and aux. winches have the same model and driven independently. They can work synchronously for heavy load lifting. Hoist winches adopt constant-closed disc brake, built-in reducer and variable displacement drive motor. The two winches use box frame, hydraulic power pin is used to connect them to turntable. Single top hoist winch is used for single top lifting operation.

The wire ropes are all rotation resistance. For main hoist winch, rope diameter  $\phi 28$  mm; for aux. hoist winch, rope diameter  $\phi 28$  mm. Single top hoisting rope diameter is  $\phi 26$ mm.

**Luffing winch**

Boom luffing winch is twin drum form. Ratchet lock device, built-in reducer and constant-closed disc brake are adopted for this system, rope diameter  $\phi 26$  mm. Tower jib luffing winch adopts ratchet lock device, built-in reducer and

## Product profile

constant-closed disc brake, rope diameter  $\phi$  26 mm.  
Superlift luffing winch adopts ratchet lock device, built-in reducer and constant-closed disc brake, rope diameter  $\phi$  26 mm.

**Slewing gear** Slewing gear is arranged in front of turntable, two planetary reducers are used to make it externally meshed with slewing bearing, with hydraulic buffering and free swing function. Constant-closed disc brake is used; it is reliable in work and easy for maintenance.

**Slewing bearing** The three-row roller type slewing bearing are externally meshed, with features of high strength, large bearing torque and easy maintenance.

**Oil cylinder assembly** The connection between boom and turntable, the connection between car-body and track frame, the installation of hoisting winches and the installation of main luffing mechanism are all realized by the use of hydraulic power pin. This crane is equipped with mast raising cylinder, mast derrick cylinder, car-body outrigger cylinder, track tension cylinder and etc., the operator's cab is also set with cab tilting cylinder and cab rotation cylinder.

**Operator's cab** Operator's cab is steel frame structure. The front is equipped with integral laminated glass, while others are tempered glass. The cab is equipped with adjustable seat, all kinds of ergonomic designed instruments and controls, vent type air conditioner, stereo, fire extinguisher, and closed circuit monitoring system, spacious and comfortable.  
When the crane is in operation, the cab can be tilted upward to widen the field of vision. When the crane is in transport, the cab can be turned to the front side to reduce the transport width.

**Car-body** Car-body is made of high strength steel plate and welded in box type structure. Cross panel is set in the middle to strengthen its torsion stiffness, simple structure, high load bearing capacity and good rigidity.

**Crawler travel device** Crawler track consists of crawler beam, drive sprocket, idler wheel, upper roller, lower roller and track shoe. Crawler beam is box-shape structure, its connection part with car-body is strengthened partially, and cross panel is installed in the middle of it. The rollers and track shoes are all made of high strength alloy cast steel. The two track frames are set symmetrically, installed with crawler shoes of 1.2m in width. They can be operated synchronously or separately to realize straight travel and turning. Four-wheel-drive travel reducer, built-in planetary gear reducer and variable displacement motor drive.

**Product profile****Hydraulic system**

It adopts electric proportional pilot variable pump control system, with combination of open and closed circuit, the system is stable with good speed adjustment.

Hoist system, luffing system and travel system are all open pump control systems, main luffing system is with dual pump confluence function.

Slewing system is closed pump control system, with a special slewing buffer valve; the transmission is stable without impact.

For main hoist, aux. hoist and travel systems with large speed regulation range, variable motor drive is adopted. The combination of variable motor and variable pump control system can achieve accurate control of the movement speed, with good fine motion performance.

**Electrical system**

Electrical system mainly includes the following parts: engine control, monitoring instruments, auxiliary equipment, hydraulic system control, load moment limit and safety monitoring, etc.

Composition of electrical system: conventional electrical system and PLC control system.

The conventional electrical system adopts 24V parallel circuit, and the wiring of all electric equipments adopts single wire system, negative earth. It includes power supply, starting control, engine control and status monitoring, cab air conditioner and stereo, illumination (lighting), wipers, walkie talkies, etc.

The PLC control system includes the control of hoisting, luffing, slewing, travel and the rotation and tilting of operator's cab. All movements adopt electro-hydraulic proportional control technology and controlled through PLC logic, which can effectively guarantee the realization of all functions of the crane.

**Engine system** Model: Weichai WP12.460N

Rated power: 338 kW/1900rpm

Max. torque/Max. torque speed: 2110Nm/1400rpm;

Type: Straight-line, six-cylinder, water-cooled, turbocharging intercooler, electronic fuel injection, four-stroke environmental friendly diesel engine;

Environmental protection property: meet EU III or China III emission standard;

Fuel tank capacity: 750L.

**Counterweight** Counterweight system includes car-body counterweight, turntable counterweight and superlift counterweight.

Car-body counterweights are installed on track frame, its

self-assembly/disassembly is realized through the use of mast derrick. Car-body counterweight is 40t in total, composition: car-body counterweight 2 × 20t.

Turntable counterweights are installed on turntable rear side, three configurations of

## Product profile

110t, 130t and 150t are shown as follows:

(1) 110t: counterweight box 2 × 15t, counterweight slab 8 × 10t;

(2) 130t: counterweight box 2 × 15t, counterweight slab 10 × 10t;

(3) 150t: counterweight box 2 × 15t, counterweight slab 12 × 10t;

Superlift counterweight is 230t in total, the composition is as follows:

Superlift counterweight tray 1 × 10t, counterweight slab 22 × 10t

(4 counterweight slabs are borrowed from turntable counterweight).

### Hook block

The configurations of hook blocks are as follows:

Name	400T	350T	320T	260T
Weight (t)	6.8	6.2	6.0	4.6
Pulley number	2x7	13	2x5	9
Max. parts of line	2x14	1x27	2x11	1x19
Name	200T	160T	50T	16T
Weight (t)	4.2	3.9	2.5	0.9
Pulley number	7	5	1	0
Max. parts of line	1x14	1x11	1x3	1

### Centralized lubrication system

The use of progressive centralized lubrication system is controlled by computer programming. It can add lubricating oil automatically point by point, so as to ensure that each point is lubricated sufficiently and make crane maintenance more easy and convenient.

**Safety protection measures**

The safety protection functions of this crane are as follows: Assembly mode & working mode exchange function, emergency stop function, LMI system, hydraulic system safety protection function, rope over-wind protection function, rope over-release protection function, anti-misoperation function, ratchet locking function, slewing locking function, boom backstop function, boom angle limit function, hook latch, hoist height limit function, video monitoring function, sound and light alarm function, lightning protection function. At the same time, it is equipped with illuminator light, rearview mirror, height mark lamp, anemometer, gradienter and etc.

**Assembly mode & working mode changeover switch** In Assembly mode, over-wind protection device, boom angle limiter and load moment limiter are all out of service, in order to facilitate crane assembly; in working mode, all safety devices work normally.

**Emergency stop function** This crane has emergency stop function, all crane movements can be stopped quickly in case of emergency.

**LMI system** Detection function: LMI can automatically detect parameters such as boom angle and lifting weight.  
 Display function: 10.4-inch high-definition LCD display, show important parameters in lifting operation through text and graphics, such as load moment percentage, actual lifting weight, rated lifting weight, radius, boom length, angle, maximum lifting height, working condition code, parts of line, limit angle and information code.  
 Warning function: with complete pre-alarm and overload stop function. If it is detected that the actual weight exceeds the rated lifting capacity or boom angle exceeds the maximum value, LMI will send alarm and limit the current movement of the crane.  
 The system has self-diagnosis function.

**Hydraulic system safety protection function** Hydraulic system is equipped with hydraulic balance valve, hydraulic relief valve and other devices to ensure the stable and safe work of the system.

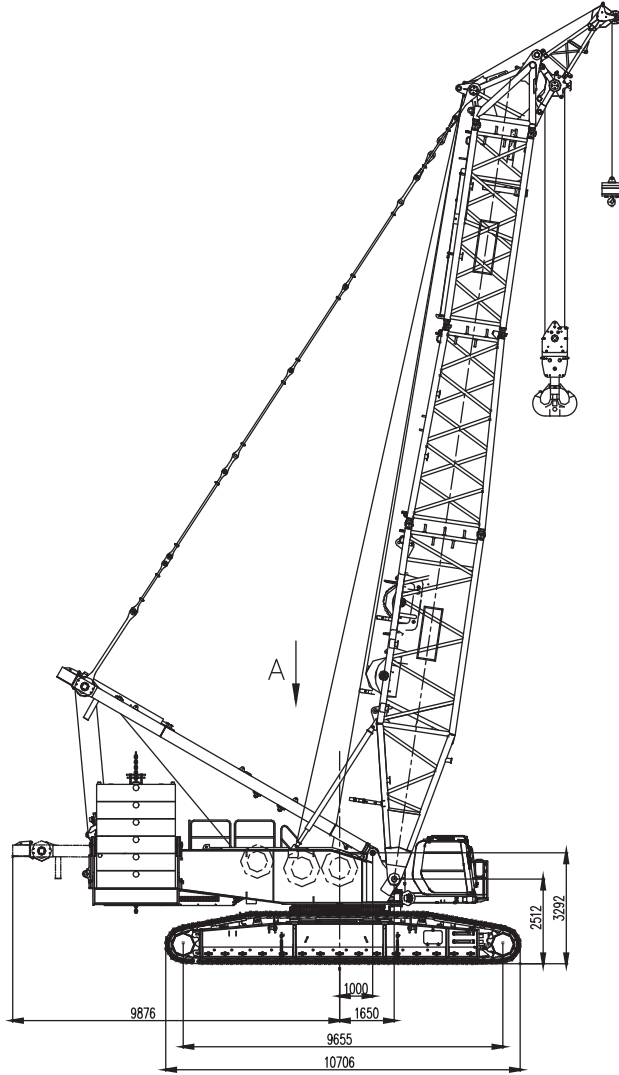
**Rope over-wind protection function** There is an over-wind protection device on boom head to prevent rope from being over-wound. When main/auxiliary winch hoists up to a certain lifting height, the over-wind warning light on display will be on, and load moment limiter will stop hoisting up movements at the same time.

**Rope over-release protection function** Rope end limiter is set on each hoist winch to prevent wire rope from over-releasing. When there are only three loops of rope left on winch, the over-release warning light on display will be on, and the movement of lowering down will be stopped at the same time.

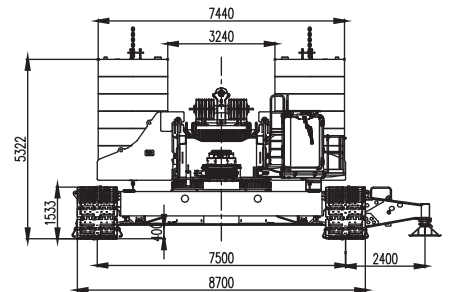
## Safety protection measures

<b>Anti-misoperation function</b>	The handles have anti-misoperation function. A safety protection switch is set at the front of the handle. If the switch is not pressed, all movement signals are shielded, and the handle will not work to prevent operation error.
<b>Ratchet locking function</b>	Ratchet locking device is used to lock the luffing winch so that boom is stopped and placed safely at non-working state.
<b>Slewing locking function</b>	Slewing locking device is used to lock superstructure slewing when the crane is stopped.
<b>Backstop function</b>	Main boom, superlift mast, tower jib and tower jib struts are equipped with backstop devices to prevent boom from tilting backward.
<b>Boom angle limit function</b>	In working mode, when boom is elevated to the max. working angle, boom raising will be stopped under the control of load moment limiter and hoist limit switch; when boom is elevated to the min. working angle, boom lowering will be stopped under the control of load moment limiter, and a sound warning will be given. The upper and lower limits of tower jib are controlled by angle limit switch.
<b>Hook latch</b>	All lifting hooks are equipped with latch to prevent the suspended rope on the hook head from falling off.
<b>Hoist height limit function</b>	Suspended height limit device is installed on boom head, when the hook contacts the height limit device, the lifting movement will be stopped to avoid damage to the wire rope.
<b>Closed circuit monitoring system</b>	The system is composed of camera and monitor. It is used to monitor the hoist winches, boom luffing winch, jib luffing winches and etc.
<b>Sound and light warning function</b>	It is equipped with tri-color warning light and audio/video alarm. It can display the load and movement status of the vehicle, flash the lights and send sound alarm to alert the driver and people outside the vehicle.
<b>Lightning protection function</b>	Lightning protection grounding system and surge protector system are optionally configured for this crane to reduce lightning strike possibility of the control system.
<b>Illuminator light</b>	There are illuminator lights in front of turntable, above the cab and inside the cab for lighting.
<b>Rearview mirror</b>	It is outside the operator's cab so that the driver can observe the situation behind the machine.
<b>Height mark lamp</b>	It is located on boom tip for high level operation warning.
<b>Anemometer</b>	It can detect the current wind speed and send signal to the monitor in operator's cab to remind the operator for safe operation in wind load.
<b>Gradiometer</b>	It is equipped with electronic and mechanical gradiometers, which can show the ground gradient and provide reference for the operator.

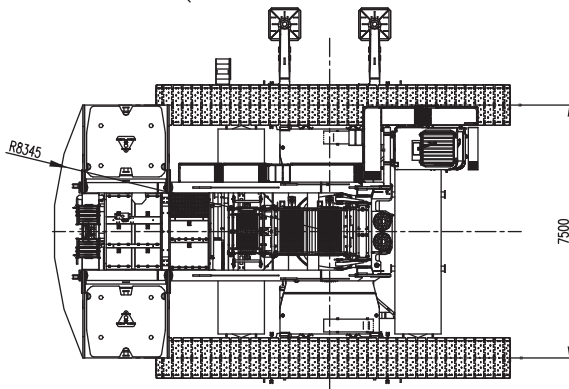
# Main parameters XGC400-I

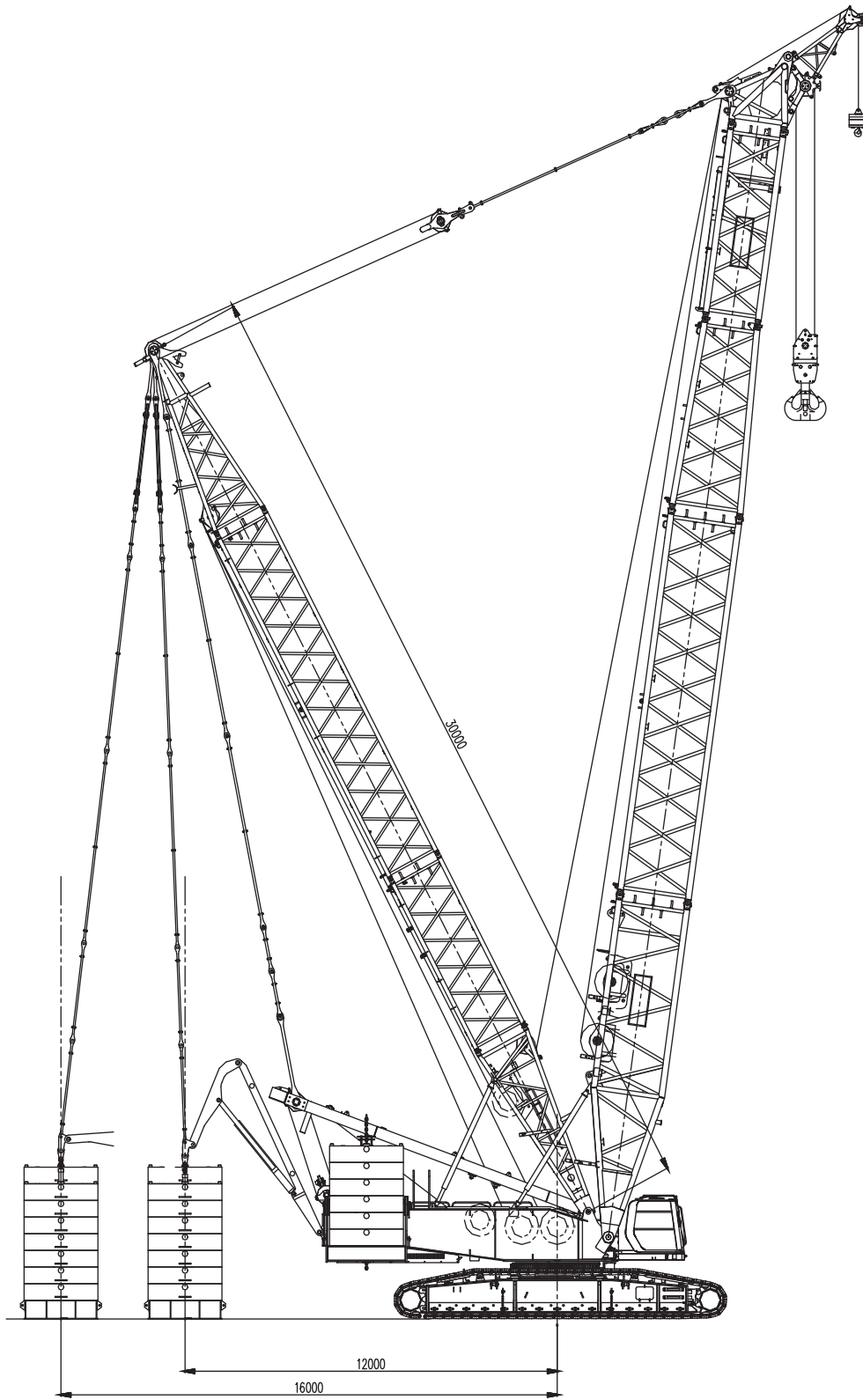


Remove boom, mast and etc.



A direction (remove boom, mast and etc.)





## Main parameters XGC400-I

Max. rated lifting capacity		Unit	Value
Standard working condition	Heavy boom	t	400
	Light boom	t	220
	Tower jib	t	150
	Fixed jib	t	200
	TBM jib	t	350 (main hook), 185 (aux. hook)
	Goose head jib	t	119
Superlift working condition	Heavy boom	t	400
	Light boom	t	216
	Tower jib	t	220
	TBM jib	t	400 (main hook), 185 (aux. hook)
	Goose head jib	t	116

Dimension	Unit	Value	
Standard working condition	Heavy boom length	m	24 ~ 84
	Light boom length	m	42 ~ 108
	Tower jib length	m	24 ~ 72
	Fixed jib length	m	24~78+9
	Fixed jib angle	°	10°
	TBM jib length	m	24+9
	Goose head jib length	m	66~84+7
Superlift working condition	Heavy boom length	m	36 ~ 84 (option: 96)
	Light boom length	m	72 ~ 126
	Tower jib length	m	24 ~ 84
	TBM jib length	m	36+9
	Goose head jib length	m	78~84(option: 96)+7

Max. lifting moment	Unit	Value
Standard working condition	t.m	2600
Superlift working condition	t.m	5200

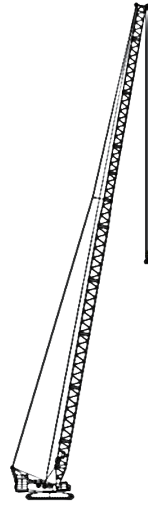
Speed	Unit	Value
Hoist winch max. single line speed	m/min	130
Boom luffing winch max. single line speed	m/min	2 × 51
Tower jib luffing winch max. single line speed	m/min	100
Superlift luffing winch max. single line speed	m/min	105
Max. slewing speed (no load)	rpm	1.16
Max. travel speed	km/h	0.9

	Unit	Value
Engine rated power	Kw/rpm	338/1900
Total crane weight (24m heavy boom, 350t hook block)	t	350
Mean ground pressure	MPa	0.146
Grade-ability (with base boom)		20%
Max. mass of single unit in transport state	t	48
Max. dimension of single unit (turntable) in transport state (L × W × H)	m	11.5 × 3 × 3.4



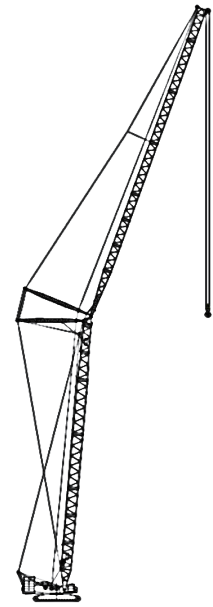
**Standard heavy boom working condition (HB)**

Main boom: 24~84m



**Standard light boom working condition (LB)**

Main boom: 42~108m



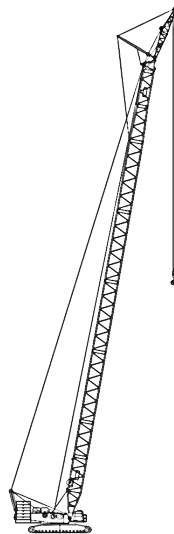
**Standard tower jib working condition (HW)**

Fixed jib: 30~60m  
Tower jib: 24~72m



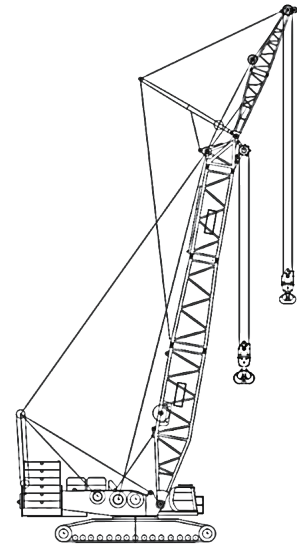
**Standard goose head jib working condition (HJ)**

Main boom: 66~84m  
Goose head jib: 7m



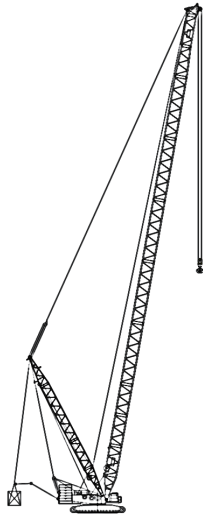
**Standard fixed jib working condition (HF)**

Main boom: 24~78m  
Fixed jib: 9m



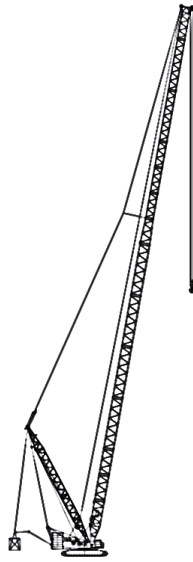
**Standard TBM working condition (HFS)**

Main boom: 24m  
Fixed jib: 9m



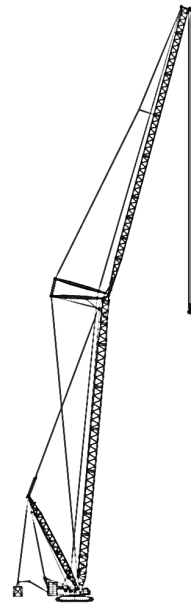
**Superlift heavy boom  
working condition (SHB)**

Main boom: 36~96m



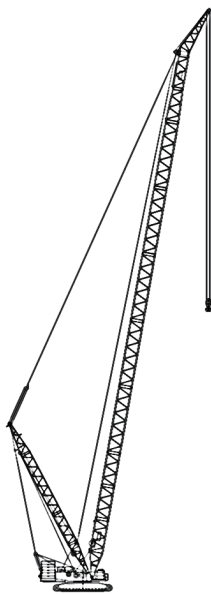
**Superlift light boom  
working condition (SLB)**

Main boom: 72~126m



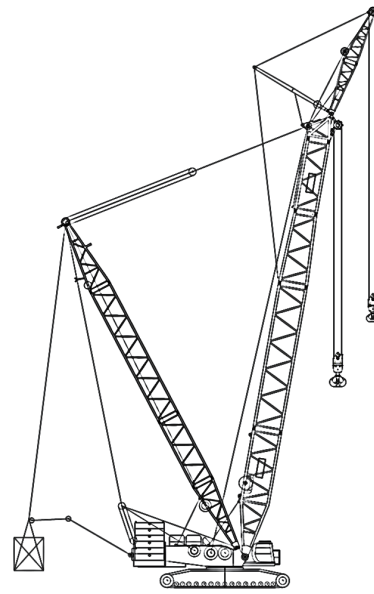
**Superlift tower jib  
working condition (SHW)**

Main boom: 36~84m  
Tower jib: 24~84m



**Superlift goose head jib  
working condition (SHJ)**

Main boom: 78~96m  
Goose head jib: 7m



**Superlift TBM  
working condition (SHFS)**

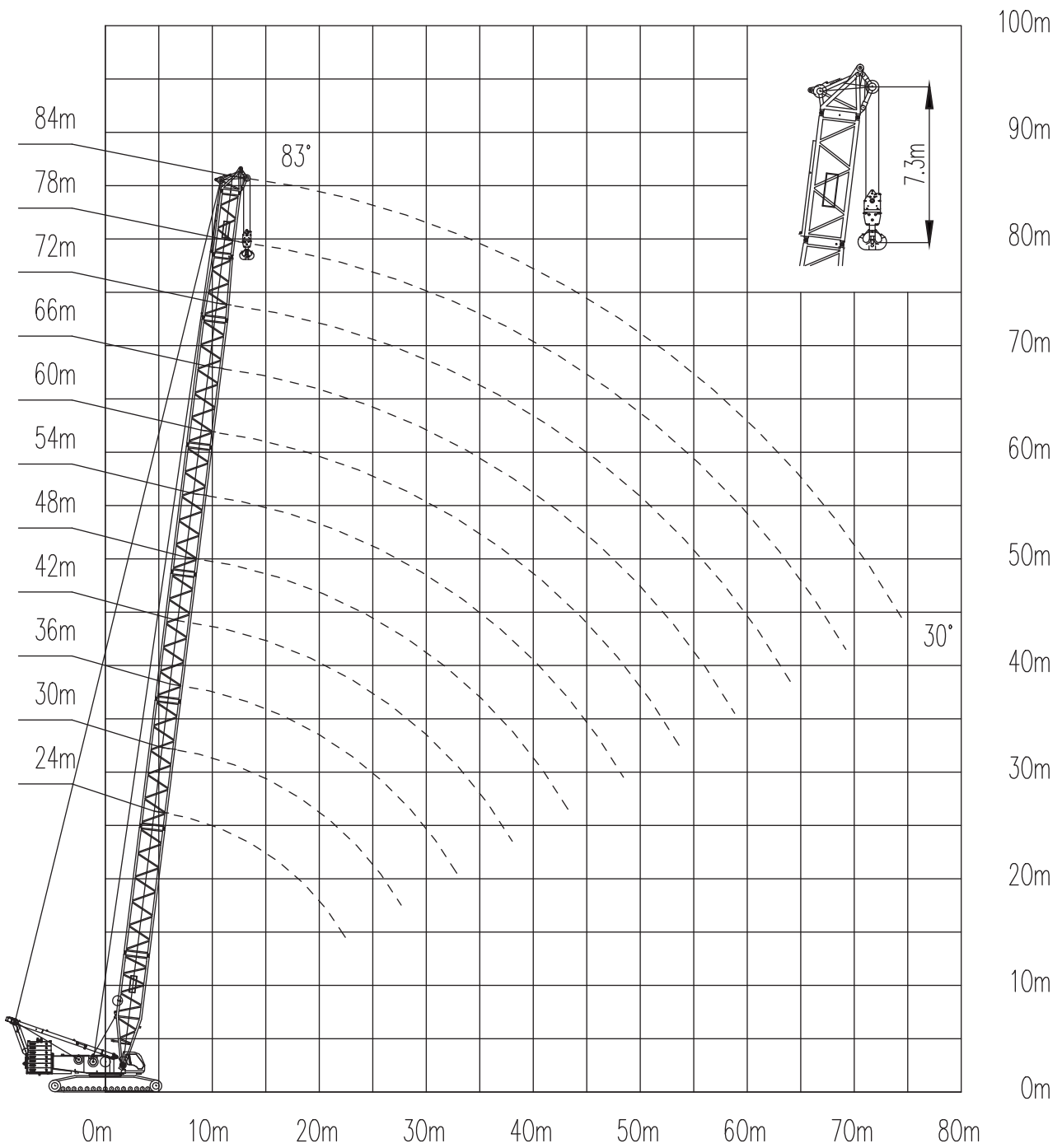
Main boom: 36m  
Fixed jib: 9m

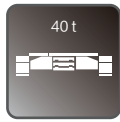
No.	Code	Name	Length	Weight
①	HB10.5	10.5m boom base	10.5m	15t
②	H6	6m heavy boom insert	6m	2.9t
③	H12A	12m heavy boom insertA	12m	5.1t
④	H12B	12m heavy boom insertB	12m	5.2t
⑤	H12C	12m light boom insert	12m	4.6t
⑥	H6R	6m boom tapered insert	6m	2.2t
⑦	H6T	6m light boom insert	6m	2.8t
⑧	HT1.5	1.5m boom head	1.5m	4.7t
⑨	HLZ	boom head sheave block	—	1.5t
(10)	WB	10.5m tower jib butt	10.5m	3t
(11)	W6A	6m heavy tower jib insertA	6m	1.4t
(12)	W6B	6m heavy tower jib insertB	6m	1.3t
(13)	W12A	12m heavy tower jib insert	12m	2.4t
(14)	W12C	12m light tower jib insert	12m	2.2t
(15)	WT7.5	7.5m tower jib top	7.5m	3.5t
(16)	W12B	12m tower jib center hitch section	12m	2.4t
(17)	No	14.5m tower jib front strut	14.5m	2.6t
(18)	No	14.m tower jib rear strut	14m	2.9t
(19)	No	7m goose head jib	7m	3.9t
(20)	No	9m fixed jib	9m	2.8t

## HB

Main boom/m	Boom combinations
24	①+⑥+⑦+⑧+⑨
30	①+②+⑥+⑦+⑧+⑨
36	①+③+⑥+⑦+⑧+⑨
42	①+②+③+⑥+⑦+⑧+⑨
48	①+③+④+⑥+⑦+⑧+⑨
54	①+②+③+④+⑥+⑦+⑧+⑨
60	①+②+②+④+③+⑥+⑦+⑧+⑨
66	①+②+③+④+⑤+⑥+⑦+⑧+⑨
72	①+②×2+④+③+⑤+⑥+⑦+⑧+⑨
78	①+②+③+④+⑤×2+⑥+⑦+⑧+⑨
84	①+②×2+③+④+⑤×2+⑥+⑦+⑧+⑨


# HB





## HB

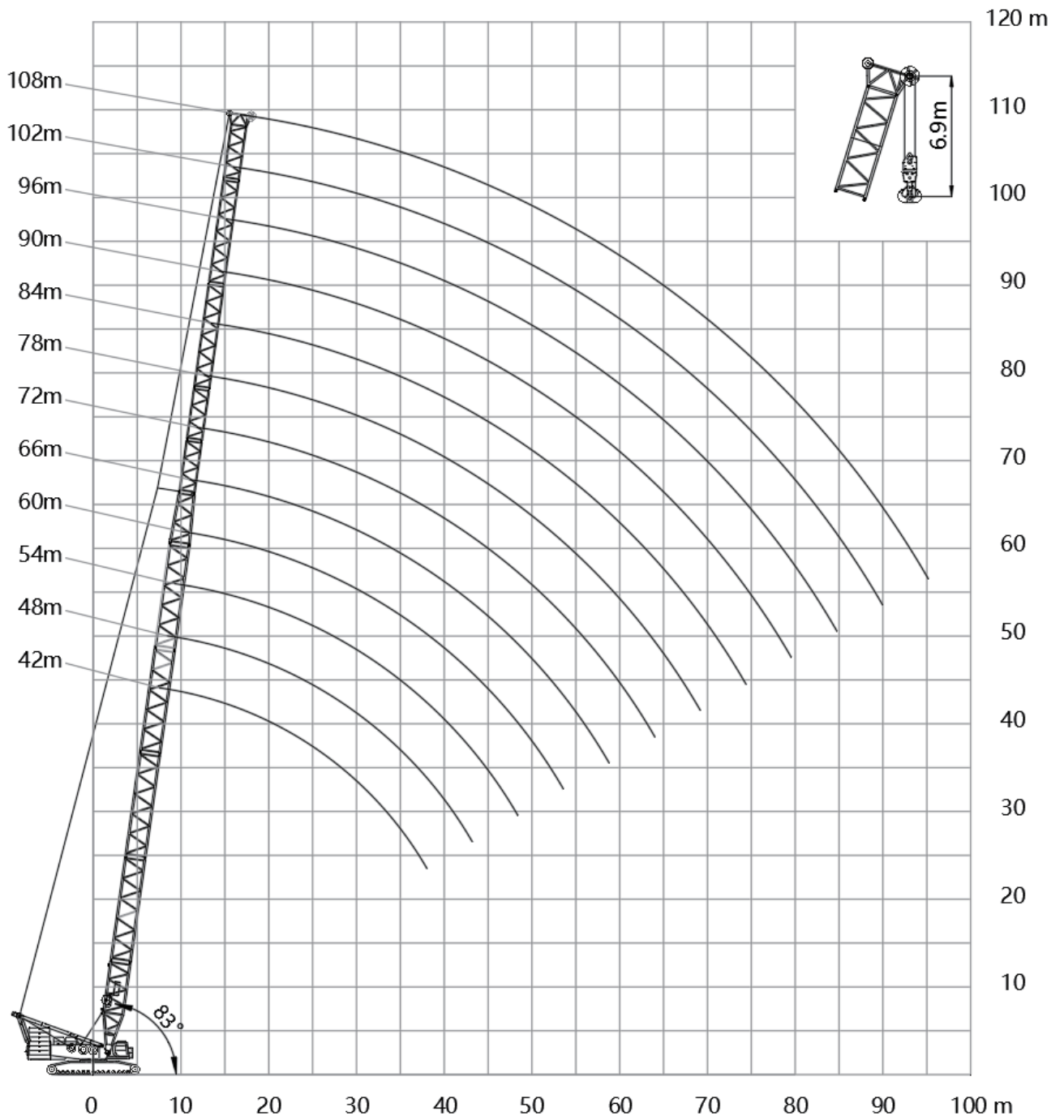
## Boom Length 24~84m

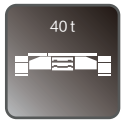
 m	24	30	36	42	48	54	60	66	72	78	84
6	400										
7	357.5	356.1									
8	315.7	314.4	313.0								
9	276.2	275.8	273.5	265.2	240.4						
10	244.1	241.3	234.8	228.6	213.7	203.4					
12	182.4	182.5	182.4	178.1	174.1	166.7	159.7	153.5	147.2		
14	155.0	154.5	151.3	148.0	144.7	140.5	135.1	130.2	125.2	120.7	116.2
16	127.3	127.2	126.6	124.0	121.3	120.0	116.4	112.5	108.4	104.7	100.9
18	107.4	107.3	107.0	106.1	104.0	102.8	100.8	98.6	95.1	91.9	88.6
20	92.4	92.3	92.0	91.5	90.6	89.5	87.8	86.3	84.2	81.4	78.6
22	80.7	80.7	80.4	79.8	79.2	78.5	77.3	76.0	74.5	72.8	70.3
24		71.2	71.0	70.4	69.8	69.0	68.3	67.6	66.2	65.0	63.1
26		63.5	63.3	62.7	62.0	61.3	60.6	60.2	59.2	58.1	56.7
28		57.0	56.8	56.3	55.7	54.9	54.1	53.7	52.8	52.3	51.1
30			51.4	50.8	50.2	49.4	48.6	48.2	47.3	46.7	46.0
32			46.6	46.2	45.5	44.7	43.9	43.5	42.6	42.0	41.3
34				42.0	41.5	40.6	39.9	39.4	38.5	37.9	37.1
36				38.4	37.8	37.0	36.3	35.8	35.0	34.4	33.5
38				35.3	34.7	33.9	33.1	32.6	31.8	31.2	30.4
40					31.9	31.1	30.3	29.8	28.9	28.3	27.5
42					29.3	28.5	27.8	27.3	26.5	25.9	25.0
44						26.3	25.5	25.1	24.1	23.5	22.7
46						24.2	23.4	23.0	22.1	21.5	20.7
48						22.2	21.6	21.1	20.2	19.6	18.7
50							19.8	19.4	18.5	17.9	17.1
52							18.2	17.8	16.9	16.3	15.5
54							16.8	16.4	15.5	14.9	14.0
56								15.0	14.1	13.5	12.6
58								13.7	12.8	12.3	11.4
60									11.7	11.1	10.3
62									10.6	10.0	9.1
64									9.6	9.0	8.1
66										8.0	7.2
68										7.2	6.3
70											5.5

# LB

Main boom/m	Boom combinations
42	①+③+⑥+(11)+(15)
48	①+②+③+⑥+(11)+(15)
54	①+④+③+⑥+(11)+(15)
60	①+④+③+⑥+(11)+(12)+(15)
66	①+②+④+③+⑥+⑪+⑫+(15)
*72	①+②+④+③+⑥+(13)+(15)
*78	①+④+③+⑤+⑥+(11)+(13)+(15)
*84	①+④+③+⑤+⑥+(11)+(12)+(14)+(15)
*90	①+②+④+③+⑤+⑥+(11)+(12)+(14)+(15)
*96	①+②+④+③+⑤+⑥+(11)+(13)+(14)+(15)
*102	①+④+③+⑤ × 2+⑥+(11)+(13)+(14)+(15)
*108	①+④+③+⑤ × 2+⑥+(11)+(12)+(13)+(14)+(15)


LB





**LB**

## Boom Length 42~108m

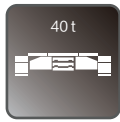
 m	42	48	54	60	66	72	78	84	90	96	102	108
9	220.0	217.6										
10	209.0	208.8	196.3									
12	179.5	172.9	165.8	159.6	153.2	144.4						
14	146.5	143.4	140.5	135.8	130.7	126.6	122.1	110.1	104.7			
16	123.4	120.8	119.4	117.5	113.6	110.3	106.8	103.6	98.0	85.2	76.5	
18	106.3	104.1	103.0	101.4	99.5	97.5	94.4	91.8	88.8	79.6	74.6	61.8
20	92.4	91.2	90.2	88.9	87.2	86.0	84.4	82.2	81.1	77.3	69.8	60.2
22	81.1	80.6	80.0	78.9	77.3	76.3	75.0	73.8	71.6	69.8	67.6	58.7
24	72.1	71.4	70.9	70.7	69.3	68.3	67.1	66.1	64.8	63.4	61.4	57.2
26	64.6	64.0	63.4	63.2	62.4	61.7	60.5	59.7	58.4	57.5	56.0	54.4
28	58.4	57.8	57.2	56.9	56.1	56.1	55.0	54.2	53.0	52.2	51.0	49.8
30	53.2	52.5	51.9	51.7	50.8	50.7	50.2	49.5	48.3	47.6	46.5	45.6
32	48.6	48.0	47.3	47.1	46.3	46.2	45.6	45.3	44.3	43.5	42.5	41.6
34	44.7	44.1	43.4	43.1	42.4	42.2	41.6	41.4	40.6	40.0	39.0	38.2
36	41.2	40.7	40.0	39.7	39.0	38.8	38.2	37.9	37.1	36.9	35.9	35.1
38	38.2	37.5	37.0	36.7	35.8	35.7	35.2	34.9	34.1	33.8	33.2	32.4
40		34.9	34.2	34.0	33.2	33.0	32.4	32.1	31.4	31.1	30.4	29.9
42		32.4	31.7	31.5	30.7	30.6	30.0	29.6	28.9	28.6	27.9	27.5
44			29.5	29.4	28.5	28.4	27.7	27.5	26.7	26.4	25.7	25.3
46			27.6	27.4	26.5	26.4	25.8	25.5	24.7	24.4	23.8	23.2
48			25.7	25.6	24.7	24.6	23.9	23.7	22.9	22.6	21.9	21.4
50				23.8	23.1	22.9	22.3	22.0	21.2	20.9	20.2	19.8
52				22.3	21.6	21.4	20.8	20.5	19.7	19.4	18.7	18.2
54				20.9	20.1	20.0	19.4	19.1	18.2	18.0	17.3	16.8
56					18.8	18.7	18.1	17.9	17.0	16.7	16.0	15.5
58					17.6	17.5	16.9	16.6	15.8	15.5	14.8	14.3
60						16.3	15.8	15.5	14.6	14.3	13.7	13.2
62						15.3	14.7	14.4	13.6	13.3	12.6	12.2
64						14.3	13.8	13.5	12.6	12.4	11.7	11.2
66							12.8	12.5	11.8	11.4	10.7	10.3
68							12.0	11.7	10.9	10.5	9.9	9.4
70								10.9	10.1	9.8	9.1	8.6
74								9.4	8.6	8.3	7.6	7.1
78									7.2	6.9	6.3	5.8

## HW

Main boom/m	Boom combinations
30	①+②+⑥+⑦+⑧
36	①+③+⑥+⑦+⑧
42	①+②+③+⑥+⑦+⑧
48	①+③+④+⑥+⑦+⑧
54	①+②+③+④+⑥+⑦+⑧
60	①+② × 2+④+③+⑥+⑦+⑧


Tower jib/m	Jib combinations
24	(10)+(11)+(15)
30	(10)+(11)+(12)+(15)
36	(10)+(11)+(13)+(15)
42	(10)+(11)+(12)+(13)+(15)
48	(10)+(11)+(12) × 2+(13)+(15)
54	(10)+(11)+(12)+(13)+(16)+(15)
60	(10)+(11)+(12) × 2+(16)+(13)+(15)
66	(10)+(11)+(12)+(13)+(16)+(14)+(15)
72	(10)+(11)+(12) × 2+(16)+(13)+(14)+(15)

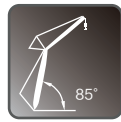
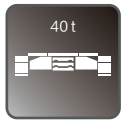




**HW**


**Boom Length 30m  
Jib Length 24~72m**

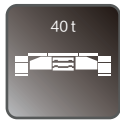
 m	24	30	36	42	48	54	60	66	72
14	150.0								
16	128.0	123.7	119.8						
18	111.5	109.6	106.5	103.2					
20	98.4	96.8	95.2	92.9	90.1				
22	88.0	86.6	85.3	83.8	81.9	79.6			
24	78.6	78.3	77.1	75.8	74.4	72.9	70.7	62.1	
26	70.7	70.7	70.2	69.0	67.8	66.7	65.0	61.8	52.5
28		64.2	63.9	63.3	62.1	61.1	59.9	58.7	52.2
30		58.7	58.5	58.1	57.2	56.4	55.2	54.3	51.7
32			53.8	53.4	52.8	52.2	51.0	50.3	49.4
34			49.6	49.3	48.8	48.3	47.5	46.7	45.8
36			46.1	45.7	45.2	44.7	44.1	43.5	42.7
38				42.6	42.0	41.6	41.0	40.6	39.9
40				39.7	39.2	38.8	38.2	37.8	37.2
42				37.1	36.7	36.4	35.6	35.3	34.8
44					34.4	34.0	33.4	33.0	32.5
46					32.3	32.1	31.4	31.0	30.5
48						30.2	29.5	29.1	28.6
50						28.4	27.8	27.4	26.9
52						26.8	26.2	25.9	25.3
54							24.7	24.4	23.9
56							23.4	23.1	22.6
58								21.8	21.3
60								20.7	20.2
62								19.6	19.1
64									18.0
66									17.1
68									16.3



**HW**


**Boom Length 36m  
Jib Length 24~72m**

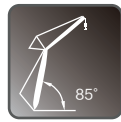
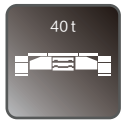
 m	24	30	36	42	48	54	60	66	72
14	140.8								
16	123.2	119.1							
18	109.5	106.0	102.8	99.6					
20	96.9	95.3	92.7	89.9	87.1				
22	86.8	85.4	83.9	81.8	79.2	77.1			
24	78.3	77.2	76.0	74.6	72.7	70.7	68.4		
26	70.5	70.3	69.3	68.1	66.8	65.1	63.1	58.9	50.3
28		63.9	63.5	62.4	61.3	60.3	58.5	57.0	49.9
30		58.5	58.3	57.6	56.5	55.6	54.3	52.9	49.6
32		53.7	53.6	53.1	52.4	51.5	50.4	49.4	47.9
34			49.4	49.1	48.5	47.9	46.8	46.1	44.8
36			45.9	45.5	44.9	44.6	43.7	43.0	42.0
38				42.4	41.8	41.5	40.7	40.1	39.3
40				39.6	39.0	38.6	38.0	37.6	36.8
42				36.9	36.5	36.1	35.4	35.1	34.5
44					34.2	33.8	33.2	32.8	32.2
46					32.1	31.9	31.2	30.8	30.3
48						30.0	29.3	29.0	28.4
50						28.3	27.6	27.3	26.7
52						26.7	26.0	25.7	25.1
54							24.6	24.3	23.7
56							23.2	22.9	22.4
58							22.0	21.7	21.2
60								20.6	20.0
62								19.5	19.0
64									18.0
66									17.0
68									16.1



**HW**


**Boom Length 42m**  
**Jib Length 24~72m**

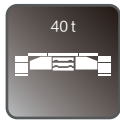
 m	24	30	36	42	48	54	60	66	72
14	135.1								
16	118.6	114.7							
18	105.7	102.3	99.3						
20	95.2	92.3	89.6	86.9	84.2				
22	85.4	83.9	81.6	79.1	76.7	74.6			
24	77.3	76.0	74.8	72.6	70.4	68.4	65.7		
26	70.3	69.4	68.2	66.9	65.0	63.2	61.1	55.8	
28		63.7	62.7	61.6	60.2	58.6	56.7	55.2	47.6
30		58.2	57.9	56.9	55.7	54.5	52.7	51.3	47.4
32		53.5	53.3	52.7	51.7	50.8	49.2	47.9	46.4
34			49.3	48.8	48.1	47.3	46.1	44.8	43.4
36			45.7	45.3	44.7	44.1	43.1	42.1	40.8
38				42.1	41.6	41.2	40.3	39.6	38.4
40				39.4	38.8	38.4	37.7	37.1	36.1
42				36.8	36.3	35.9	35.3	34.9	34.1
44					34.0	33.7	33.0	32.6	32.1
46					32.0	31.7	30.9	30.6	30.0
48					30.1	29.8	29.1	28.8	28.2
50						28.1	27.4	27.1	26.5
52						26.5	25.9	25.5	24.9
54							24.4	24.1	23.5
56							23.1	22.7	22.2
58							21.8	21.5	21.0
60								20.4	19.8
62								19.4	18.8
64									17.8
66									16.8
68									16.0



**HW**


## Boom Length 48m Jib Length 24~72m

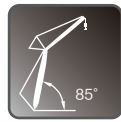
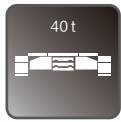
 m	24	30	36	42	48	54	60	66	72
16	114.1	110.4							
18	101.9	98.6	95.7						
20	91.9	89.1	86.5	83.8					
22	83.7	81.2	78.9	76.5	74.2				
24	76.1	74.4	72.4	70.2	68.1	66.2	61.7		
26	69.5	68.3	66.8	64.9	62.9	61.1	59.1	52.7	
28		62.8	61.8	60.2	58.3	56.7	54.8	52.5	45.2
30		57.9	57.1	56.0	54.3	52.8	51.0	49.6	45.0
32		53.2	53.0	52.0	50.8	49.4	47.7	46.4	44.7
34			49.0	48.4	47.4	46.2	44.7	43.4	42.0
36			45.4	45.0	44.3	43.5	41.9	40.8	39.5
38			42.3	41.9	41.4	40.7	39.5	38.4	37.1
40				39.1	38.5	38.2	37.2	36.2	35.0
42				36.6	36.1	35.7	35.0	34.2	33.0
44					33.8	33.5	32.7	32.3	31.2
46					31.8	31.4	30.7	30.4	29.5
48					29.9	29.6	28.9	28.5	27.9
50						27.9	27.2	26.9	26.2
52						26.3	25.7	25.3	24.7
54							24.3	23.9	23.3
56							22.9	22.6	22.0
58							21.7	21.3	20.8
60								20.2	19.6
62								19.2	18.6
64								18.1	17.6
66									16.7
68									15.8



**HW**


**Boom Length 54m**  
**Jib Length 24~72m**

 m	24	30	36	42	48	54	60	66	72
16	109.6								
18	98.1	94.9	92.1						
20	88.7	85.9	83.5	80.8					
22	80.8	78.4	76.1	73.9	71.5				
24	74.3	72.0	70.0	67.9	65.8	63.9			
26	68.4	66.6	64.7	62.7	60.8	59.1	57.1	49.6	
28	62.9	61.8	60.1	58.3	56.4	54.8	52.9	49.4	42.8
30		57.2	56.0	54.3	52.5	51.1	49.4	48.0	42.6
32		52.9	52.3	50.9	49.2	47.8	46.1	44.8	42.3
34			48.7	47.7	46.2	44.8	43.1	42.0	40.6
36			45.1	44.7	43.4	42.1	40.6	39.5	38.1
38			42.0	41.6	40.9	39.8	38.2	37.1	35.8
40				38.8	38.3	37.5	36.1	35.1	33.7
42				36.4	35.8	35.4	34.1	33.1	31.9
44				34.1	33.6	33.2	32.2	31.3	30.2
46					31.6	31.2	30.5	29.7	28.6
48					29.7	29.3	28.7	28.2	27.1
50						27.6	27.0	26.6	25.7
52						26.1	25.5	25.1	24.4
54						24.6	24.1	23.7	23.1
56							22.7	22.4	21.8
58							21.5	21.2	20.6
60								20.0	19.5
62								19.0	18.4
64								18.0	17.4
66									16.5
68									15.6
70									14.9



**HW**

## Boom Length 60m Jib Length 24~72m

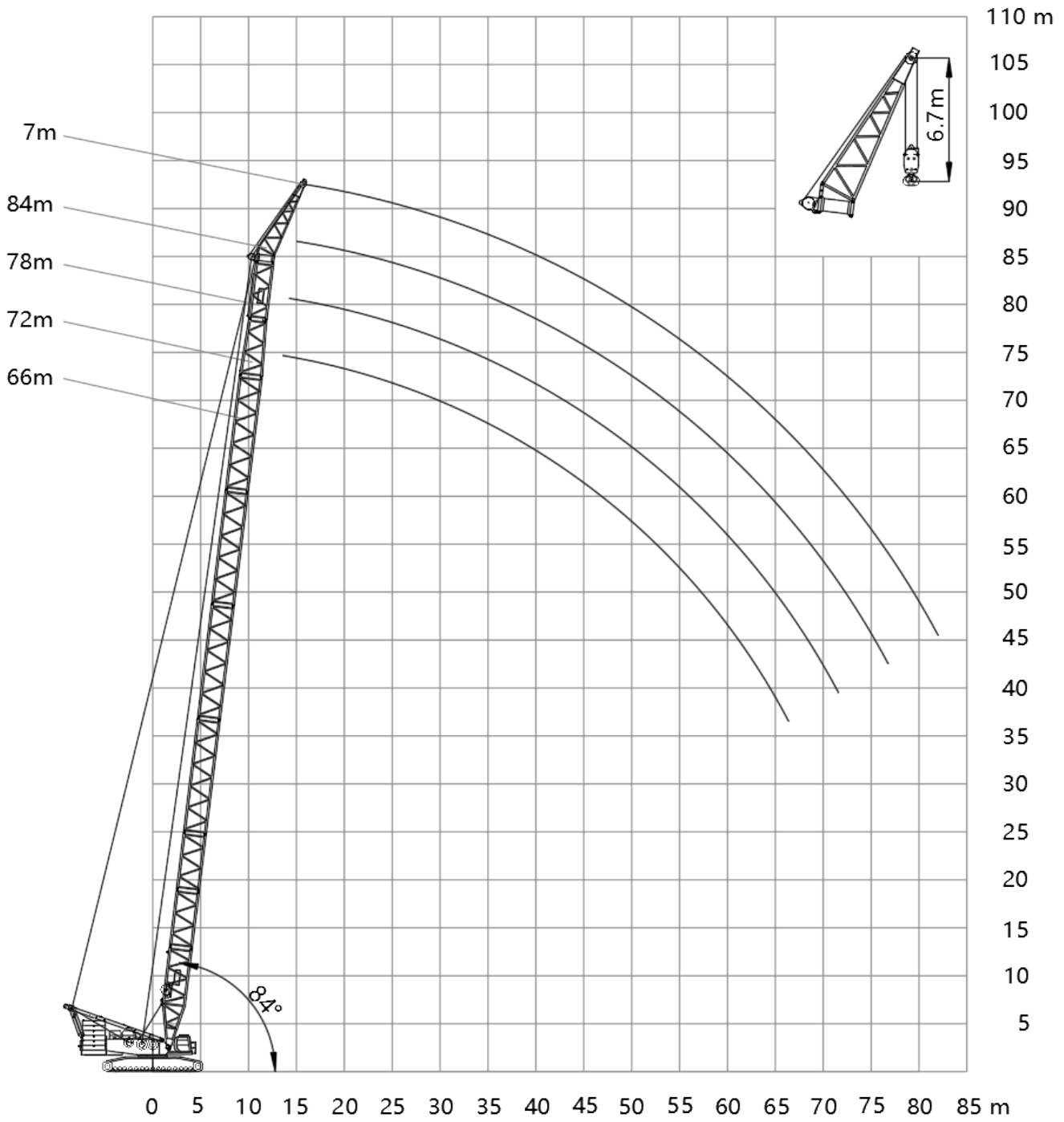
 m	24	30	36	42	48	54	60	66	72
16	105.2								
18	94.4	91.4							
20	85.4	82.8	80.4	77.8					
22	78.0	75.7	73.4	71.2	68.9				
24	71.7	69.6	67.6	65.5	63.5	61.2			
26	66.3	64.3	62.5	60.5	58.7	57.0	53.3		
28	61.7	59.8	58.1	56.3	54.5	52.9	51.0	46.2	40.3
30		55.7	54.2	52.5	50.8	49.4	47.6	45.2	40.0
32		52.3	50.8	49.2	47.6	46.2	44.5	43.2	39.4
34		48.5	47.7	46.2	44.7	43.3	41.6	40.5	38.0
36			44.8	43.4	42.0	40.7	39.2	38.1	36.7
38			41.7	41.0	39.6	38.4	36.8	35.8	34.5
40				38.5	37.4	36.3	34.8	33.7	32.5
42				36.1	35.4	34.3	32.9	32.0	30.7
44				33.8	33.3	32.5	31.2	30.2	29.0
46					31.3	30.9	29.5	28.7	27.4
48					29.4	29.0	28.1	27.2	26.0
50						27.4	26.7	25.9	24.7
52						25.9	25.2	24.5	23.5
54						24.4	23.8	23.4	22.3
56							22.5	22.1	21.2
58							21.2	20.9	20.2
60							20.1	19.8	19.2
62								18.7	18.1
64								17.8	17.2
66									16.3
68									15.4
70									14.6

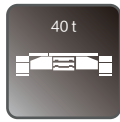
## HJ

Main boom/m	Boom combinations
66	①+②+③+④+⑤+⑥+⑦
72	①+②×2+④+③+⑤+⑥+⑦
78	①+②+③+④+⑤×2+⑥+⑦
84	①+②×2+④+③+⑤×2+⑥+⑦

Goose head jib/m	Jib combinations
7	(19)


# HJ





**HJ**

**Boom Length 66~84m**  
**Jib Length 7m**

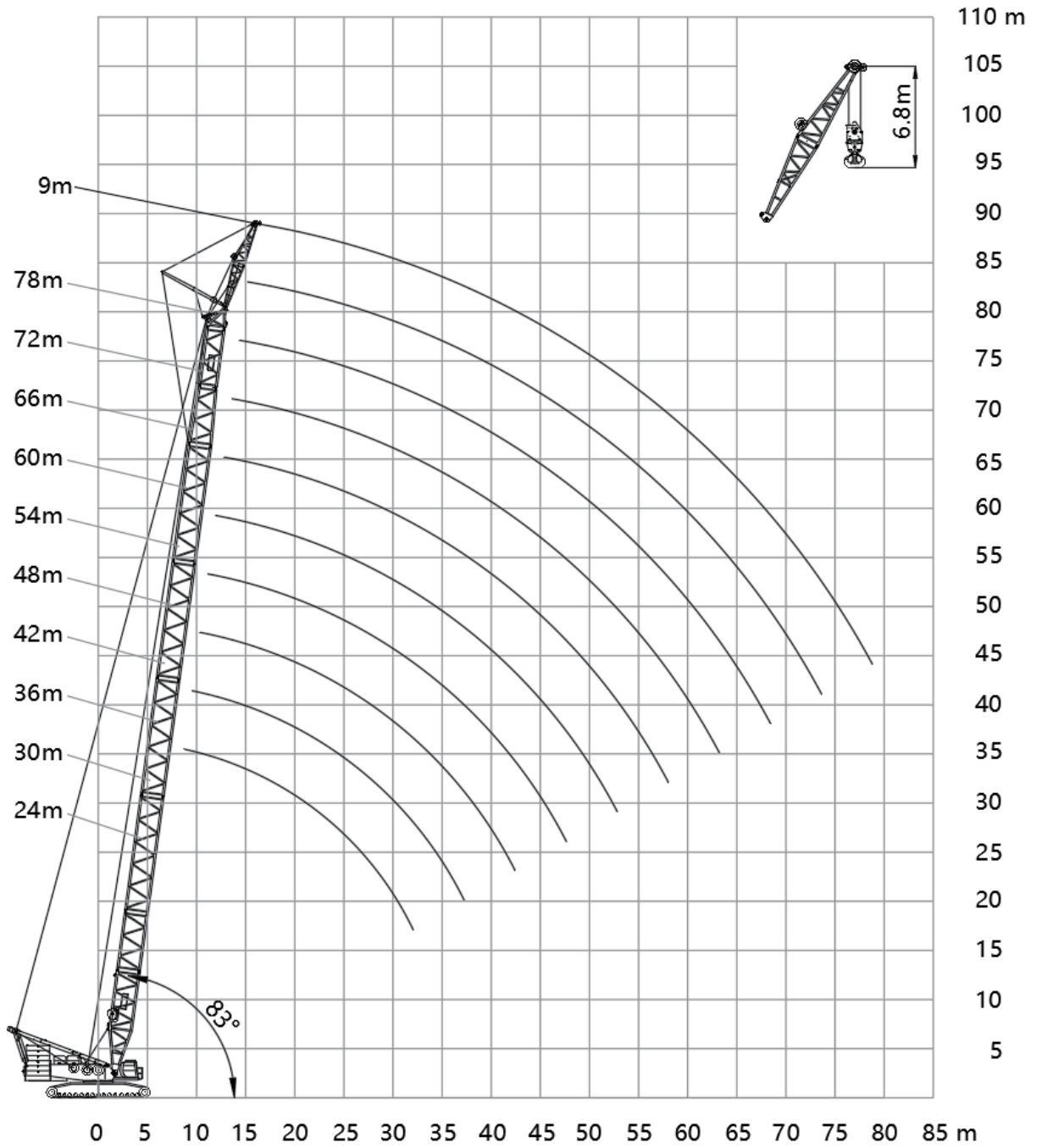
 m	66	72	78	84
14	119.7	116.4	116.4	
15	119.7	115.7	115.3	105.5
16	115.5	111.6	108.0	101.2
18	98.8	98.5	95.4	92.2
20	87.9	85.2	85.2	82.3
22	77.9	76.4	74.3	71.8
24	69.6	68.3	67.0	65.0
26	62.8	61.5	60.3	59.1
28	56.7	55.7	54.6	53.4
30	51.3	50.5	49.7	48.5
32	46.6	45.8	45.2	44.2
34	42.5	41.6	41.1	40.3
36	38.9	38.0	37.4	36.7
38	35.7	34.9	34.3	33.5
40	32.9	32.0	31.4	30.6
42	30.4	29.5	28.9	28.0
44	28.1	27.3	26.7	25.8
46	26.0	25.1	24.5	23.7
48	24.2	23.3	22.7	21.8
50	22.4	21.5	21.0	20.1
52	20.9	20.0	19.4	18.4
54	19.4	18.5	17.9	17.0
56	18.0	17.2	16.6	15.6
58	16.8	15.9	15.3	14.4
60	15.6	14.7	14.2	13.2
62	14.6	13.7	13.1	12.1
64	13.5	12.6	12.0	11.2
66	12.5	11.6	11.1	10.2
68		10.8	10.2	9.3
70		9.9	9.3	8.4
74			7.8	6.9
78				5.4

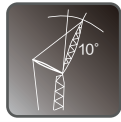
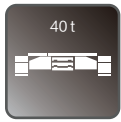
# HF

Main boom/m	Boom combinations
24	①+⑥+⑦+⑧+⑨
30	①+②+⑥+⑦+⑧+⑨
36	①+③+⑥+⑦+⑧+⑨
42	①+②+③+⑥+⑦+⑧+⑨
48	①+③+④+⑥+⑦+⑧+⑨
54	①+②+③+④+⑥+⑦+⑧+⑨
60	①+②+②+④+③+⑥+⑦+⑧+⑨
66	①+②+③+④+⑤+⑥+⑦+⑧+⑨
72	①+②×2+④+③+⑤+⑥+⑦+⑧+⑨
78	①+②+③+④+⑤×2+⑥+⑦+⑧+⑨

Fixed jib/m	Jib combinations
9	(20)


HF





HF

## Boom Length 24~78m Jib Length 9m

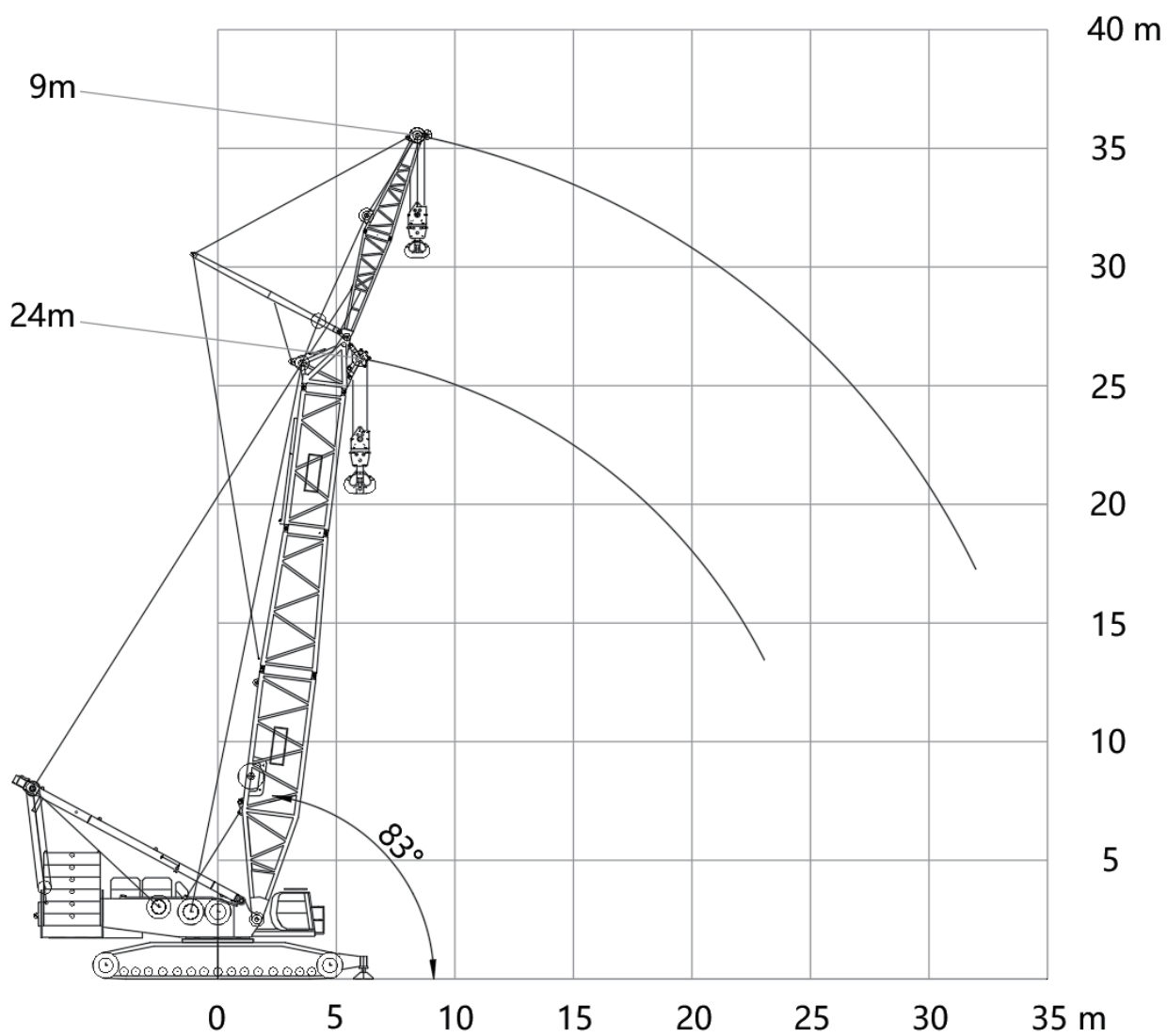
	24	30	36	42	48	54	60	66	72	78
9	200.0									
10	200.0	190.0	190.0							
12	185.5	181.2	174.2	166.8	159.8					
14	150.4	147.2	143.9	140.4	135.0	129.8	124.8	117.2		
16	125.4	123.3	120.7	119.1	116.3	112.0	107.9	104.3	100.5	97.0
18	105.9	105.4	103.6	102.1	100.2	98.1	94.6	91.5	88.2	85.2
20	91.2	90.6	90.1	89.0	87.3	85.6	83.8	81.0	78.2	75.5
22	79.7	79.1	78.6	77.8	77.0	75.4	73.9	72.4	69.8	67.5
24	70.5	69.9	69.3	68.6	67.8	67.1	65.6	64.5	62.7	60.6
26	63.0	62.3	61.8	61.0	60.2	59.5	58.7	57.7	56.3	54.7
28	56.6	56.1	55.4	54.6	53.9	53.1	52.3	51.8	50.6	49.6
30	51.2	50.6	50.1	49.3	48.5	47.7	46.8	46.4	45.5	44.7
32	46.6	46.1	45.4	44.7	43.9	43.0	42.2	41.6	40.9	40.2
34		42.0	41.4	40.7	39.9	39.0	38.2	37.6	36.8	36.1
36		38.5	37.9	37.1	36.4	35.5	34.7	34.1	33.2	32.6
38			34.8	34.0	33.3	32.4	31.5	31.0	30.0	29.5
40			32.0	31.3	30.5	29.6	28.7	28.1	27.3	26.6
42			29.5	28.8	28.0	27.1	26.2	25.7	24.8	24.1
44				26.5	25.7	24.9	23.9	23.4	22.5	21.9
46				24.4	23.7	22.8	21.9	21.4	20.4	19.9
48					21.9	21.0	20.0	19.5	18.6	18.0
50					20.1	19.3	18.3	17.8	16.9	16.2
52					18.5	17.7	16.8	16.2	15.3	14.7
54						16.2	15.4	14.8	13.9	13.2
56						14.9	14.1	13.5	12.5	11.9
58						13.7	12.8	12.3	11.3	10.6
60							11.6	11.1	10.2	9.5
62							10.5	10.0	9.1	8.5
64								9.0	8.1	7.4
66								8.0	7.1	6.5
68								7.1	6.3	5.6
70									5.4	

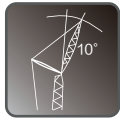
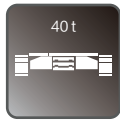
## HFS

Main boom/m	Boom combinations
24	①+⑥+⑦+⑧+⑨

Fixed jib/m	Jib combinations
9	(2)

# HFS





**HFS**

**Boom Length 24m**  
**Jib Length 9m**



82.8	6	350.0	8.4	185	350.0
80.4	7	350.0	9.8	185	302.5
77.9	8	309.4	11.2	185	260.3
75.4	9	270.7	12.6	177.8	228.0
72.9	10	239.2	14.0	150.2	195.8
70.3	11	209.0	15.4	129.5	168.5
67.7	12	178.7	16.8	113.1	147.4
65.0	13	159.5	18.2	100.1	130.7
62.3	14	141.1	19.6	89.3	117.1
59.5	15	125.9	20.9	80.3	105.8
56.6	16	113.3	22.3	72.5	96.2
53.5	17	102.5	23.7	66.0	88.1
50.4	18	93.3	25.1	60.2	81.0
47.0	19	85.3	26.5	55.2	74.8
43.5	20	78.3	27.8	50.7	69.4
35.4	22	66.4	30.6	43.1	60.2

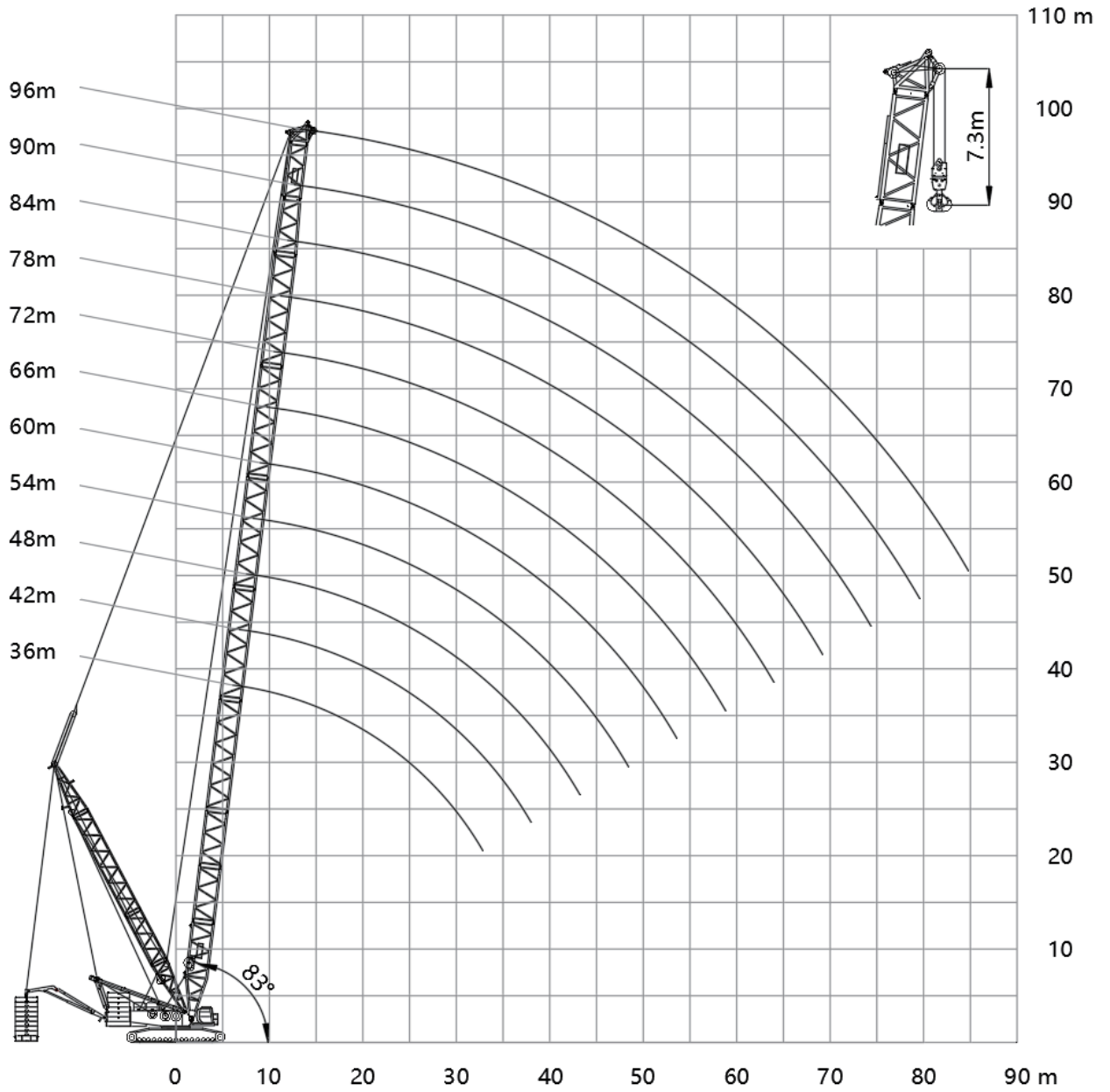
**Note:**

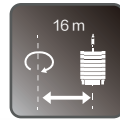
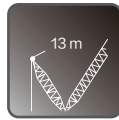
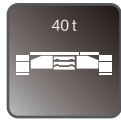
1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. The rated lifting capacity in the table is the calculation value based on the boom sections without tower jib rear pendant.
4. Main hook load refers to the value when there is no load on aux. hook; aux. hook load refers to the value when there is no load on main hook.
5. When the actual lifting load of main hook + aux hook is more than 60% of the actual lifting load of aux hook, do not turn over to the direction of aux hook.

# SHB

Main boom/m	Boom combinations
36	①+③+⑥+⑦+⑧+⑨
42	①+②+③+⑥+⑦+⑧+⑨
48	①+③+④+⑥+⑦+⑧+⑨
54	①+②+③+④+⑥+⑦+⑧+⑨
60	①+②×2+④+③+⑥+⑦+⑧+⑨
66	①+②+③+④+⑤+⑥+⑦+⑧+⑨
72	①+②×2+④+③+⑤+⑥+⑦+⑧+⑨
78	①+②+③+④+⑤×2+⑥+⑦+⑧+⑨
84	①+②×2+④+③+⑤×2+⑥+⑦+⑧+⑨
90	①+②+③+④+③+⑤×2+⑥+⑦+⑧+⑨
96	①+②+③+④+②+③+⑤×2+⑥+⑦+⑧+⑨


# SHB



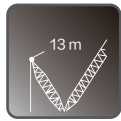
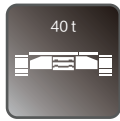


**SHB**

**Boom Length 36m**


 m	0	40	80	120	160	200	230
8	283	386	400	400	400*	400*	400*
9	245	339	400	400	400*	400*	400*
10	215	301	357	400	400	400*	400*
12	171.1	241	291	337	368	384	384*
14	138.4	196.3	246	285	324	348	367
16	115.5	164.7	212	246	280	301	317
18	97.4	139.7	181.6	216	246	265	279
20	83.5	120.5	157.2	192.5	219	245	256
22	72.6	105.6	138.2	170.8	197.5	218	228
24	63.9	93.6	122.9	152.3	179.4	195.8	204
26	56.8	83.8	110.5	137.1	163.8	176.6	184.5
28	50.8	75.6	100	124.5	148.9	160	167.1
30	45.8	68.6	91.2	113.8	136.3	145.3	151.9
32	41.4	62.6	83.6	104.5	124.1	132.1	138.2

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

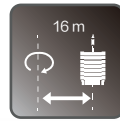
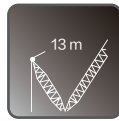
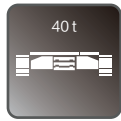
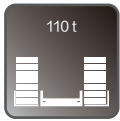



## SHB

## Boom Length 66m

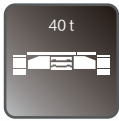
 m	0	40	80	120	160	200	230
12	140.6	200	260	281	281*	281*	281*
14	119.1	171.1	223	275	281	281*	281*
16	102.7	148.6	194.4	240	277	281	281*
18	89.8	130.8	171.1	210	243	262	272
20	79.3	114.9	150.3	185.8	216	233	253
22	69.9	101.8	133.7	165.6	194.5	210	227
24	62	91.1	120.1	149.2	176.3	190.7	206
26	55	81.7	108.4	135.1	161	181.5	196.9
28	49	73.4	97.9	122.3	146.8	166.9	181.2
30	43.8	66.4	89	111.5	134.1	154.3	167.6
32	39.4	60.3	81.3	102.3	123.2	143.3	155.8
34	35.5	55.1	74.7	94.2	113.8	133.4	145.3
36	32.1	50.5	68.8	87.2	105.5	123.9	136
38	29.2	46.4	63.7	81	98.2	115.5	127.8

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

**SHB****Boom Length 96m**

 m	0	40	80	120	160	200	230
16	85.2	125.8	131.5	131.5*	131.5*	131.5*	131.5*
18	74.7	111.5	131.5	131.5	131.5*	131.5*	131.5*
20	66	99.6	131.5	131.5	131.5*	131.5*	131.5*
22	58.7	89.7	120.6	131.5	131.5*	131.5*	131.5*
24	52.5	81.2	109.8	131.5	131.5	131.5*	131.5*
26	47.2	73.9	100.6	126.3	131.5	131.5*	131.5*
28	42.5	67.5	91.6	115.4	130.8	130.8	130.8*
30	38.4	61.7	83.8	105.9	128	129.9	129.9*
32	34.8	56.3	77	97.7	118.4	128.9	128.9
34	31.5	51.5	71	90.5	109.9	128	128
36	28.5	46.9	65.2	83.6	101.9	120.3	127
38	25.5	42.8	60	77.3	94.6	111.8	123.5
40	22.8	39.1	55.4	71.7	88.1	104.4	116.1
42	20.4	35.9	51.3	66.8	82.2	97.7	109.3
44	18.2	32.9	47.6	62.3	77	91.6	102.7
46	16.3	30.2	44.2	58.2	72.2	86.2	96.7
48	14.5	27.8	41.2	54.5	67.9	81.2	91.2
50	12.8	25.6	38.4	51.1	63.9	76.7	86.3
52	11.3	23.6	35.8	48	60.3	72.5	81.7
54	9.9	21.7	33.4	45.2	56.9	68.7	77.5
56	8.7	19.9	31.2	42.5	53.8	65.1	73.6
58	7.5	18.3	29.2	40.1	51	61.9	70
60	6.3	16.8	27.3	37.8	48.3	58.8	66.7
62	5.3	15.4	25.6	35.7	45.8	56	63.6
64		14.1	23.9	33.7	43.5	53.3	60.7
66		12.9	22.4	31.9	41.3	50.8	57.9
68		11.8	20.9	30.1	39.3	48.5	55.4
70		10.7	19.6	28.5	37.4	46.3	53
74		8.7	17.1	25.5	33.9	42.2	48.5
78		6.9	14.8	22.8	30.7	38.6	44.6
82		5.2	12.8	20.3	27.8	35.4	41

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

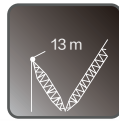
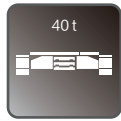



## SHB

## Boom Length 36m

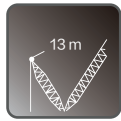
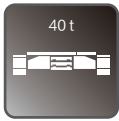
	0	40	80	120	160	200	230
8	283	369	400	400	400*	400*	400*
9	245	323	370	400	400	400*	400*
10	215	285	329	371	400	400	400*
12	171.1	226	269	304	338	359	370
14	138.4	184.2	226	256	286	305	314
16	115.5	154.4	193.3	221	247	263	272
18	97.4	130.8	164.3	194.3	217	231	238
20	83.5	112.8	142.1	171.4	193.2	204	211
22	72.6	98.7	124.7	150.8	173.7	183	188.9
24	63.9	87.4	110.8	134.3	157.4	164.6	169.9
26	56.8	78.1	99.5	120.8	142.1	148.8	153.7
28	50.8	70.4	89.9	109.5	129	135	139.5
30	45.8	63.8	81.9	99.9	117.2	122.8	126.9
32	41.4	58.2	74.9	91.7	106.6	111.7	115.5

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

**SHB****Boom Length 66m**


 m	0	40	80	120	160	200	230
12	139.9	187.7	235	281	281	281*	281*
14	118.5	159.9	201	242	281	281	281
16	102.2	138.7	175.2	211	244	269	281
18	89.3	122	154.6	186.5	214	236	253
20	78.9	107.4	135.7	164.1	190.1	210	225
22	69.6	95.1	120.6	146.1	170.7	189.2	203
24	61.7	84.9	108.1	131.4	154.5	171.4	184.1
26	54.7	76.1	97.4	118.7	140	156.5	168.2
28	48.7	68.2	87.8	107.3	126.9	143.7	154.6
30	43.5	61.6	79.6	97.7	115.7	132.7	142.8
32	39.1	55.9	72.7	89.4	106.2	122.9	132.5
34	35.3	50.9	66.6	82.2	97.9	113.5	123.5
36	31.9	46.6	61.3	75.9	90.6	105.3	115.5
38	29	42.8	56.6	70.4	84.2	98	108.3
40	26.3	39.4	52.4	65.4	78.5	91.5	101.3
42	23.9	36.3	48.6	61	73.4	85.7	95
44	21.8	33.5	45.3	57	68.7	80.5	89.3
46	19.8	31	42.2	53.4	64.6	75.7	84.1
48	18.1	28.7	39.4	50.1	60.8	71.4	78.8
50	16.4	26.6	36.8	47.1	57.3	67.5	73.8
52	14.9	24.7	34.5	44.3	54.1	63.8	69.2
54	13.5	22.9	32.3	41.7	51.1	60.5	64.9
56	12.2	21.3	30.3	39.3	48.4	57.4	60.8
58	11	19.7	28.4	37.1	45.8	54.5	56.9

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

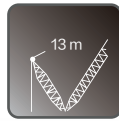
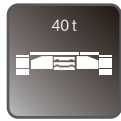


## SHB

## Boom Length 96m

 m	0	40	80	120	160	200	230
16	84.7	117.1	131.5	131.5	131.5*	131.5*	131.5*
18	74.2	103.5	131.5	131.5	131.5*	131.5*	131.5*
20	65.6	92.4	119.1	131.5	131.5	131.5*	131.5*
22	58.4	83	107.6	131.5	131.5	131.5*	131.5*
24	52.2	75	97.8	120.6	131.5	131.5	131.5*
26	46.9	68.1	89.4	110.6	131.1	131.5	131.5
28	42.2	62.1	81.8	100.8	119.8	130.8	130.8
30	38.1	56.8	74.7	92.4	110.1	127.7	129.9
32	34.5	51.9	68.5	85	101.6	118.1	128.3
34	31.3	47.3	63	78.6	94.1	109.7	119.2
36	28.3	43	57.6	72.3	87	101.7	111.2
38	25.3	39.1	52.9	66.7	80.5	94.3	104
40	22.6	35.7	48.7	61.7	74.8	87.8	97.6
42	20.2	32.6	44.9	57.3	69.7	82	91.3
44	18.1	29.8	41.5	53.3	65	76.8	85.6
46	16.1	27.3	38.5	49.6	60.8	72	80.4
48	14.3	25	35.7	46.3	57	67.7	75.7
50	12.7	22.9	33.1	43.3	53.5	63.7	71.4
52	11.2	21	30.8	40.5	50.3	60.1	67.5
54	9.8	19.2	28.6	38	47.4	56.8	63.8
56	8.5	17.6	26.6	35.6	44.7	53.7	60.5
58	7.3	16	24.7	33.4	42.1	50.8	57.4
60	6.2	14.6	23	31.4	39.8	48.2	54.5
62	5.2	13.3	21.4	29.5	37.6	45.7	51.8
64		12.1	19.9	27.7	35.5	43.4	49.2
66		10.9	18.5	26.1	33.6	41.2	46.9
68		9.8	17.1	24.5	31.8	39.2	44.7
70		8.8	15.9	23	30.1	37.3	42.6
74		6.9	13.6	20.3	27	33.7	38.8
78		5.2	11.5	17.9	24.2	30.6	34.3
82			9.7	15.7	21.7	27.7	30.2

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

**SHB****Boom Length 36m**


	0	40	80	120	160	200	210
8	302#	393#	400#	400#	400#*	400#*	400#*
9	264	344	400	400	400*	400*	400*
10	234	306	368	400	400	400*	400*
12	189.5	249	301	347	377	384	384
14	153.5	209	254	293	332	349	355
16	128.4	177	219	253	287	302	307
18	108.4	150.3	190.6	222	252	265	270
20	93.2	129.8	166.4	197.5	224	245	249
22	81.3	113.8	146.4	176.4	202	218	221
24	71.7	101	130.4	159.1	183.3	195.8	198.7
26	63.9	90.5	117.2	143.9	166.1	176.6	179.2
28	57.3	81.8	106.2	130.7	150.4	160	162.4
30	51.7	74.3	96.9	119.5	136.6	145.3	147.5
32	46.9	67.9	88.9	109.8	124.1	132.1	134.1

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

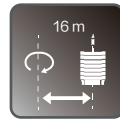
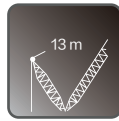
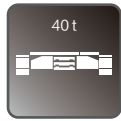


## SHB

## Boom Length 66m

 m	0	40	80	120	160	200	210
12	155.8	215	275	281	281*	281*	281*
14	132.3	184.2	236	281	281	281*	281*
16	114.3	160.1	205	249	281	281	281
18	100.2	141.2	181.1	219	249	268	271
20	88.5	123.9	159.3	194.7	221	238	245
22	78	109.9	141.8	173.7	199.4	214	220
24	69.4	98.4	127.5	156.5	180.8	195	200
26	61.8	88.5	115.1	141.8	165.1	185.7	190.8
28	55.1	79.6	104.1	128.5	151.3	170.8	175.6
30	49.5	72.1	94.7	117.2	139.1	157.9	162.4
32	44.7	65.6	86.6	107.6	128.5	146.5	150.8
34	40.5	60	79.6	99.2	118.8	136.2	140.4
36	36.8	55.1	73.5	91.8	110.2	127	131
38	33.5	50.8	68.1	85.3	102.6	118.9	122.6
40	30.6	46.9	63.3	79.6	95.9	111.6	115.2
42	28	43.5	58.9	74.4	89.8	105.1	108.4
44	25.7	40.4	55	69.7	84.4	99.1	102.3
46	23.5	37.5	51.5	65.5	79.5	93.5	96.8
48	21.6	34.9	48.3	61.6	75	88.3	91.7
50	19.8	32.6	45.3	58.1	70.9	83.7	86.8
52	18.2	30.4	42.6	54.9	67.1	79.4	82.4
54	16.6	28.4	40.1	51.9	63.6	75.4	78.3
56	15.2	26.5	37.8	49.1	60.4	71.7	74.5
58	13.9	24.8	35.7	46.6	57.4	68.3	70

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

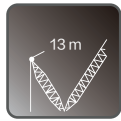
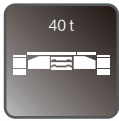


**SHB**

**Boom Length 96m**

	0	40	80	120	160	200	210
16	95.4	131.5	131.5	131.5*	131.5*	131.5*	131.5*
18	84	120.7	131.5	131.5	131.5*	131.5*	131.5*
20	74.5	108.1	131.5	131.5	131.5*	131.5*	131.5*
22	66.5	97.5	128.4	131.5	131.5*	131.5*	131.5*
24	59.7	88.4	117.1	131.5	131.5	131.5*	131.5*
26	53.9	80.6	107.2	131.5	131.5	131.5*	131.5*
28	48.8	73.8	97.6	121.4	130.8	130.8	130.8
30	44.3	67.3	89.4	111.5	129.9	129.9	129.9
32	40.4	61.6	82.3	102.9	123.6	128.9	128.9
34	36.8	56.4	76	95.4	114.8	128	128
36	33.2	51.5	69.9	88.2	106.6	123.7	127
38	29.9	47.1	64.4	81.7	98.9	115.8	119.4
40	26.9	43.2	59.6	75.9	92.2	108.4	112
42	24.3	39.8	55.2	70.7	86.1	101.6	105.2
44	21.9	36.6	51.3	66	80.7	95.4	99
46	19.8	33.8	47.8	61.8	75.7	89.7	93.2
48	17.8	31.2	44.6	57.9	71.3	84.6	87.9
50	16.1	28.8	41.6	54.4	67.1	79.9	83.1
52	14.4	26.7	38.9	51.1	63.4	75.6	78.7
54	12.9	24.7	36.4	48.2	59.9	71.7	74.6
56	11.5	22.8	34.1	45.4	56.7	68	70.8
58	10.2	21.1	32	42.9	53.7	64.6	67.3
60	9	19.5	30	40.5	51	61.5	64.1
62	7.9	18	28.1	38.3	48.4	58.5	61.1
64	6.8	16.6	26.4	36.2	46	55.8	58.2
66	5.8	15.3	24.8	34.3	43.7	53.2	55.6
68		14.1	23.3	32.4	41.6	50.8	53.1
70		12.9	21.8	30.7	39.6	48.5	50.8
74		10.8	19.2	27.6	36	44.4	46.5
78		8.9	16.8	24.8	32.7	40.6	42.6
82		7.2	14.7	22.2	29.8	37.3	39.2

Note: For the lifting weight marked with “\*\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

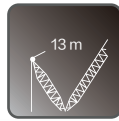
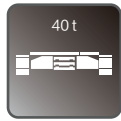


## SHB

## Boom Length 36m


	0	40	80	120	160	200	210
8	302	375	400	400	400*	400*	400*
9	264	328	383	400	400	400*	400*
10	234	291	340	383	400	400	400
12	188.8	237	278	313	344	359	363
14	152.9	198.7	234	264	292	305	308
16	127.8	166.7	202	228	252	263	266
18	108	141.4	174.9	200	221	231	233
20	92.7	122	151.3	178.2	196.1	204	207
22	80.9	106.9	133	159	175.1	183	185
24	71.4	94.8	118.3	141.7	157.4	164.6	166.3
26	63.6	84.9	106.2	127.5	142.2	148.8	150.4
28	57	76.6	96.1	115.7	129	135	136.5
30	51.5	69.5	87.6	105.6	117.2	122.8	124.1
32	46.7	63.5	80.2	97	106.6	111.7	113

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SHB**

**Boom Length 66m**


 m	0	40	80	120	160	200	210
12	155.1	202	250	281	281	281*	281*
14	131.6	173	214	255	281	281	281
16	113.8	150.2	186.7	223	251	276	281
18	99.7	132.3	164.7	196.5	220	242	248
20	88.1	116.4	144.7	173	195.6	216	221
22	77.6	103.1	128.7	154.2	175.6	194.1	198.8
24	69.1	92.3	115.5	138.7	159.1	176	180.2
26	61.5	82.8	104.1	125.5	145.1	160.7	164.6
28	54.9	74.4	94	113.5	133.1	147.6	151.2
30	49.3	67.3	85.4	103.4	121.5	136.3	139.7
32	44.4	61.2	78	94.7	111.5	126.5	129.6
34	40.3	55.9	71.5	87.2	102.8	117.8	120.7
36	36.6	51.2	65.9	80.6	95.3	109.9	112.9
38	33.3	47.1	61	74.8	88.6	102.4	105.8
40	30.4	43.5	56.5	69.6	82.6	95.7	98.9
42	27.8	40.2	52.6	64.9	77.3	89.6	92.7
44	25.5	37.2	49	60.7	72.5	84.2	87.1
46	23.4	34.6	45.7	56.9	68.1	79.3	82.1
48	21.4	32.1	42.8	53.5	64.1	74.8	76.9
50	19.7	29.9	40.1	50.3	60.5	70.7	72
52	18	27.8	37.6	47.4	57.2	66.6	67.5
54	16.5	25.9	35.3	44.7	54.1	62.4	63.2
56	15.1	24.1	33.2	42.2	51.2	58.4	59.2
58	13.8	22.5	31.2	39.9	48.6	54.6	55.4

Note: For the lifting weight marked with “\*\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

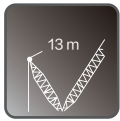
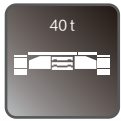


## SHB

## Boom Length 96m

 m	0	40	80	120	160	200	210
16	95	127.3	131.5	131.5	131.5*	131.5*	131.5*
18	83.5	112.8	131.5	131.5	131.5*	131.5*	131.5*
20	74.1	100.8	127.6	131.5	131.5	131.5*	131.5*
22	66.2	90.8	115.4	131.5	131.5	131.5*	131.5*
24	59.4	82.2	105	127.8	131.5	131.5	131.5
26	53.6	74.8	96.1	117.1	131.5	131.5	131.5
28	48.5	68.4	87.8	106.8	125.8	130.8	130.8
30	44	62.6	80.3	98	115.7	129.9	129.9
32	40.1	57.2	73.7	90.3	106.8	122.2	125.3
34	36.6	52.3	67.9	83.5	99	113.5	116.5
36	32.9	47.6	62.3	77	91.6	105.8	108.6
38	29.7	43.5	57.3	71.1	84.9	98.7	101.6
40	26.7	39.8	52.8	65.9	78.9	92	95.2
42	24.1	36.5	48.8	61.2	73.6	85.9	89
44	21.8	33.5	45.3	57	68.7	80.5	83.4
46	19.6	30.8	42	53.2	64.4	75.6	78.3
48	17.7	28.4	39	49.7	60.4	71.1	73.7
50	15.9	26.1	36.3	46.5	56.8	67	69.5
52	14.3	24.1	33.9	43.6	53.4	63.2	65.7
54	12.8	22.2	31.6	41	50.4	59.7	62.1
56	11.4	20.4	29.4	38.5	47.5	56.5	58.8
58	10.1	18.8	27.5	36.2	44.9	53.6	55.8
60	8.9	17.3	25.7	34.1	42.4	50.8	52.9
62	7.8	15.9	24	32.1	40.2	48.3	50.3
64	6.7	14.5	22.4	30.2	38	45.9	47.8
66	5.7	13.3	20.9	28.5	36	43.6	45.5
68		12.1	19.5	26.8	34.2	41.5	43.3
70		11	18.2	25.3	32.4	39.5	41.3
74		9	15.7	22.4	29.2	35.9	37.5
78		7.2	13.5	19.9	26.2	32.6	33.2
82		5.6	11.6	17.6	23.6	28.6	29.1

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

**SHB****Boom Length 36m**

	0	40	80	120	160	190
8	302#	393#	400#	400#	400#*	400#*
9	264#	344#	400#	400#	400#*	400#*
10	234#	306#	377#	400#	400#	400#*
12	190.8	249	308	356	384	384
14	159.8	209	258	301	339	343
16	136.8	180.4	219	257	293	297
18	119	157.4	190.6	223	257	261
20	102.4	138.4	168	197.5	227	241
22	89.5	122.1	149.8	176.4	203	215
24	79.1	108.5	134.9	159.1	183.3	192.9
26	70.6	97.3	122.4	144.6	166.1	174
28	63.5	88	111.8	132.3	150.4	157.6
30	57.5	80	102.6	121.8	136.6	143.1
32	52.2	73.2	94.2	112.6	124.1	130.1

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.


# Operation modes and lifting performances

XGC400-I

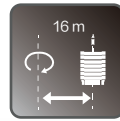
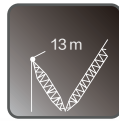
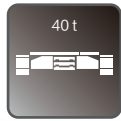



**SHB**

**Boom Length 66m**

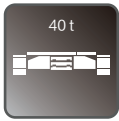
	0	40	80	120	160	190
12	170.9	228	281	281	281*	281*
14	145.4	193.5	240	281	281	281*
16	125.9	167.1	208	249	281	281
18	110	146.5	183	219	255	267
20	97	130	162.9	195.8	226	237
22	86.1	116.4	146.3	175.3	202	213
24	76.7	105	132.5	157.7	182.1	192.5
26	68.5	95.2	120.7	143	165.4	182.2
28	61.3	85.8	110	130.6	151.3	166.8
30	55.2	77.8	100.4	120	139.1	153.5
32	50	70.9	91.9	110.7	128.6	142
34	45.4	65	84.6	102.6	119.4	132
36	41.4	59.8	78.1	95.5	111.3	123.1
38	37.9	55.2	72.4	89.1	104	115.2
40	34.8	51.1	67.4	83.4	97.5	108.1
42	31.9	47.4	62.8	78.3	91.7	101.7
44	29.4	44.1	58.8	73.4	86.4	96
46	27.1	41.1	55	69	81.6	90.7
48	25	38.3	51.7	65	77.1	85.9
50	23	35.8	48.6	61.3	73.1	81.5
52	21.3	33.5	45.7	58	69.4	77.4
54	19.6	31.4	43.1	54.9	65.9	73.6
56	18.1	29.4	40.7	52	62.7	70.1
58	16.7	27.5	38.4	49.3	59.7	66.9

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

**SHB****Boom Length 96m**

 m	0	40	80	120	160	190
16	105.7	131.5	131.5	131.5*	131.5*	131.5*
18	93.2	130	131.5	131.5	131.5*	131.5*
20	83	116.6	131.5	131.5	131.5*	131.5*
22	74.3	105.3	131.5	131.5	131.5*	131.5*
24	67	95.6	123.1	131.5	131.5	131.5*
26	60.6	87.3	112	131.5	131.5	131.5
28	55.1	79.6	102.4	125.2	130.8	130.8
30	50.3	72.7	94	115.4	129.9	129.9
32	45.9	66.6	86.7	106.8	125.7	128.9
34	41.8	61.2	80.2	99.1	116.3	128
36	37.8	56.1	74.3	92.2	108.1	120
38	34.2	51.5	68.8	85.7	100.7	112
40	31.1	47.4	63.7	80	94.2	104.9
42	28.2	43.7	59.1	74.6	88.3	98.4
44	25.7	40.3	55	69.7	82.9	92.6
46	23.3	37.3	51.3	65.3	78.1	87.3
48	21.2	34.6	47.9	61.3	73.6	82.4
50	19.3	32.1	44.8	57.6	69.6	78
52	17.5	29.8	42	54.2	65.8	73.9
54	15.9	27.6	39.4	51.1	62.4	70.1
56	14.4	25.7	37	48.3	59.2	66.7
58	13	23.8	34.7	45.6	56.2	63.4
60	11.7	22.2	32.6	43.1	53.4	60.4
62	10.4	20.6	30.7	40.8	50.8	57.5
64	9.3	19.1	28.9	38.7	48.4	54.9
66	8.2	17.7	27.2	36.7	46.1	52.4
68	7.2	16.4	25.6	34.8	43.9	50.1
70	6.2	15.2	24.1	33	41.9	47.9
74		12.9	21.3	29.7	38.1	43.8
78		10.9	18.8	26.8	34.7	40.2
82		8.9	16.6	24.1	31.7	36.9

Note: For the lifting weight marked with “\*\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

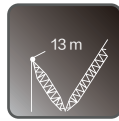
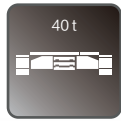


## SHB

## Boom Length 36m


	0	40	80	120	160	190
8	302#	375#	400#	400#	400#*	400#*
9	264#	328#	392#	400#	400#	400#*
10	234#	291#	348#	394#	400#	400#
12	190.6	237	284	322	344	356
14	159.6	199.7	239	272	292	302
16	136.7	171.6	204	234	252	261
18	118.6	149.9	177.3	203	221	228
20	102	131.3	156.1	179.7	196.1	202
22	89.1	115.2	139.1	160.4	175.1	181
24	78.8	102.2	125.1	144.5	157.4	162.8
26	70.3	91.6	113	131.3	142.2	147.1
28	63.2	82.8	102.3	120	129	133.5
30	57.2	75.2	93.3	110.3	117.2	121.4
32	52	68.8	85.5	101.5	106.6	110.4

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SHB**

**Boom Length 66m**

 m	0	40	80	120	160	190
12	170.2	217	260	281	281	281
14	144.7	184	221	258	281	281
16	125.3	158.8	191.6	224	257	277
18	109.9	139.1	168.3	197.6	226	243
20	96.9	123.3	149.6	176	201	216
22	85.7	110.3	134.3	158.3	180.6	194.5
24	76.4	99.4	121.4	143	162.6	176.3
26	68.2	89.6	110.5	129.6	147.5	160.9
28	61.1	80.6	100.2	118.2	134.7	147.1
30	55	73	91.1	108.4	123.8	135.3
32	49.7	66.5	83.3	100	114.3	125
34	45.2	60.9	76.5	92.1	106	116
36	41.2	55.9	70.6	85.2	98.6	108.1
38	37.7	51.5	65.3	79.1	92.1	101
40	34.6	47.6	60.7	73.7	86.2	94.7
42	31.8	44.1	56.5	68.8	80.9	89
44	29.2	41	52.7	64.4	76.2	83.8
46	26.9	38.1	49.3	60.5	71.6	79.1
48	24.8	35.5	46.2	56.8	67.5	74.8
50	22.9	33.1	43.3	53.5	63.7	70.2
52	21.1	30.9	40.7	50.5	60.3	65.7
54	19.5	28.9	38.3	47.7	57.1	61.5
56	18	27	36	45.1	54.1	57.6
58	16.5	25.2	33.9	42.6	51.3	53.8

Note: For the lifting weight marked with “\*\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.


# Operation modes and lifting performances

XGC400-I



**SHB**

**Boom Length 96m**

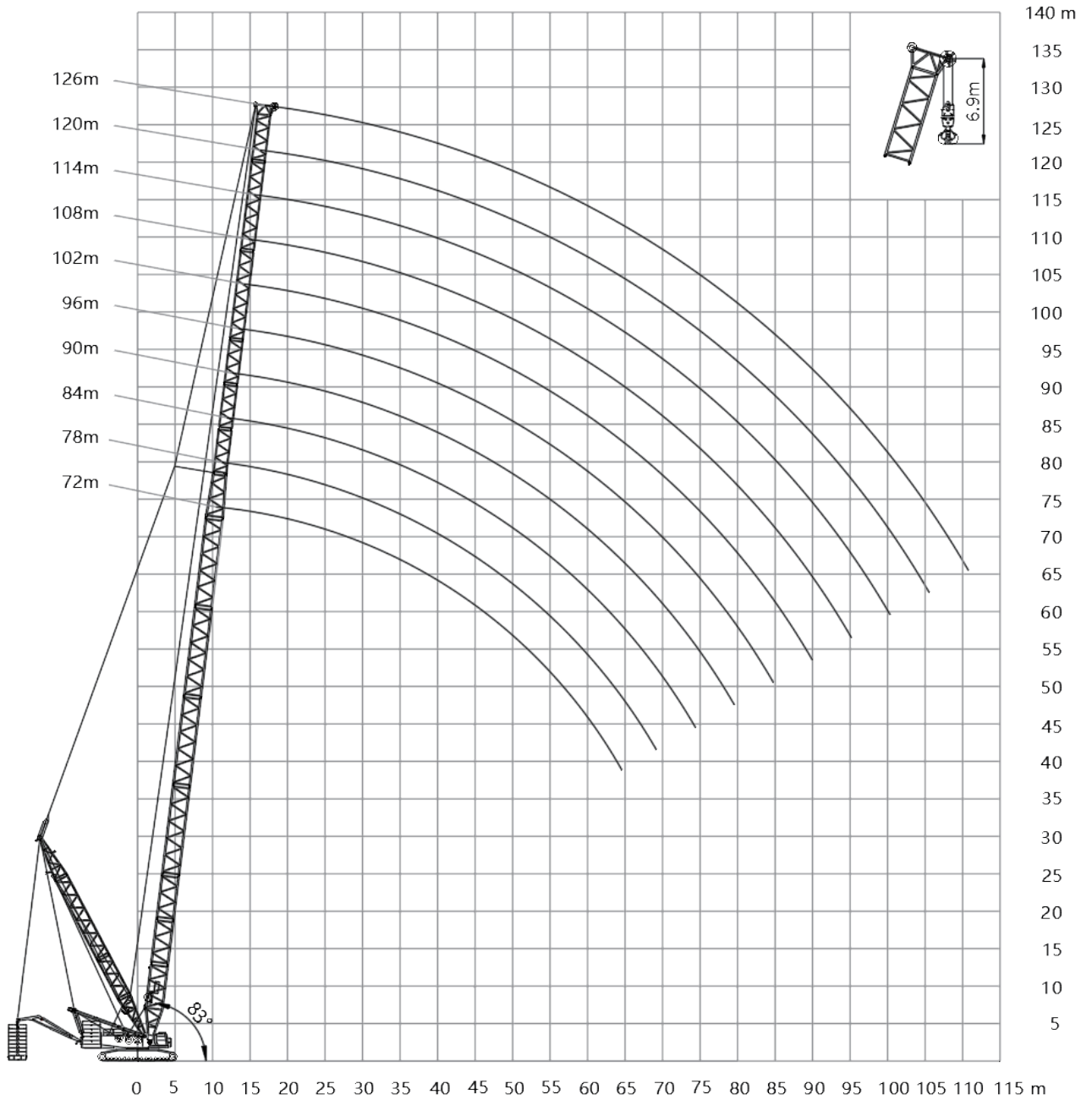
 m	0	40	80	120	160	200
16	105.2	131.5	131.5	131.5	131.5*	131.5*
18	92.8	122.1	131.5	131.5	131.5*	131.5*
20	82.6	109.3	131.5	131.5	131.5	131.5*
22	74	98.6	123.2	131.5	131.5	131.5
24	66.6	89.5	112.3	131.5	131.5	131.5
26	60.3	81.6	102.1	121.8	131.5	131.5
28	54.8	74.7	93.2	111.5	129.8	130.8
30	50	68.2	85.4	102.6	119.7	129.9
32	45.7	62.4	78.6	94.7	110.8	122.1
34	41.6	57.3	72.5	87.7	102.8	112.9
36	37.6	52.3	66.9	81.5	95.3	104.9
38	34	47.8	61.7	75.5	88.7	97.7
40	30.9	43.9	57	70	82.8	91.3
42	28	40.4	52.8	65.1	77.5	85.6
44	25.5	37.2	49	60.7	72.5	80.4
46	23.2	34.4	45.5	56.7	67.9	75.6
48	21.1	31.8	42.4	53.1	63.8	71.3
50	19.2	29.4	39.6	49.8	60	67.3
52	17.4	27.2	37	46.7	56.5	63.7
54	15.8	25.1	34.5	43.9	53.3	60.3
56	14.2	23.3	32.3	41.3	50.4	57.2
58	12.8	21.5	30.2	38.9	47.6	54.2
60	11.5	19.9	28.3	36.7	45.1	51.4
62	10.3	18.4	26.5	34.6	42.7	48.8
64	9.2	17	24.8	32.7	40.5	46.4
66	8.1	15.7	23.3	30.9	38.4	44.1
68	7.1	14.5	21.8	29.1	36.5	42
70	6.1	13.3	20.4	27.5	34.6	40
74		11.1	17.9	24.6	31.3	36.3
78		9.2	15.6	21.9	28.3	32
82		7.3	13.5	19.5	25.5	28

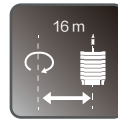
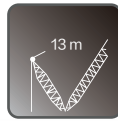
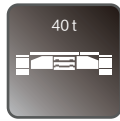
Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.


## SLB

Main boom/m	Boom combinations
72	①+②+④+⑤ × 2+⑥+(11)+(15)
78	①+③+④+⑤ × 2+⑥+(11)+(15)
*84	①+②+③+④+⑤ × 2+⑥+(11)+(15)
*90	①+②+③+④+⑤ × 2+⑥+(11)+(12)+(15)
*96	①+② × 2+④+③+⑤ × 2+⑥+(11)+(12)+(15)
*102	①+② × 2+④+③+⑤ × 2+⑥+(11)+(13)+(15)
*108	①+② × 2+④+③+⑤ × 2+⑥+(11)+(12)+(13)+(15)
*114	①+② × 2+④+③+⑤ × 2+⑥+(11)+(13)+(14)+(15)
*120	①+② × 2+④+③+⑤ × 2+⑥+(11)+(12)+(13)+(14)+(15)
*126	①+② × 2+④+③+⑤ × 2+⑥+(11)+(12) × 2+(13)+(14)+(15)

SLB



**SLB****Boom Length 72m**


 m	0	40	80	120	160	200	230
12	139.4	197.5	216	216*	216*	216*	216*
14	119.2	169.7	216	216	216*	216*	216*
16	103.6	148.3	193	216	216	216	216*
18	91.3	131.3	171.4	211	216	216	216*
20	81.2	116.6	151.6	186.6	216	216	216*
22	72.1	103.7	135.3	166.9	197.8	197.8	216
24	64.4	93.2	122	150.8	179.6	179.6	214
26	58	84.4	110.8	137.3	163.7	163.7	196.3
28	52.4	76.9	101.4	125.8	150.2	150.2	184.6
30	47.3	69.9	92.4	115	137.6	137.6	171
32	42.9	63.8	84.8	105.8	126.7	126.7	159.2
34	39	58.6	78.2	97.7	117.3	117.3	148.7
36	35.6	54	72.3	90.7	109	109	139.5
38	32.7	49.9	67.2	84.5	101.7	101.7	131.2
40	30	46.3	62.6	78.9	95.2	95.2	123.7
42	27.6	43.1	58.5	74	89.4	89.4	116.5
44	25.5	40.1	54.8	69.5	84.2	84.2	109.9
46	23.5	37.5	51.5	65.5	79.5	79.5	103.9
48	21.7	35.1	48.4	61.8	75.1	75.1	98.5
50	20.1	32.9	45.6	58.4	71.2	71.2	93.5
52	18.6	30.8	43.1	55.3	67.6	67.6	89
54	17.2	29	40.7	52.5	64.2	64.2	84.8
56	15.9	27.2	38.5	49.8	61.1	61.1	80.9
58	14.7	25.6	36.5	47.4	58.2	58.2	77.3
60	13.6	24.1	34.6	45.1	55.6	55.6	73.9
62	12.6	22.7	32.8	43	53.1	53.1	70.8
64	11.6	21.4	31.2	41	50.7	50.7	67.3

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

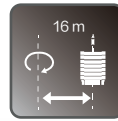
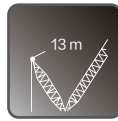
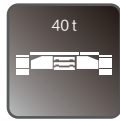


## SLB

## Boom Length 102m

 m	0	40	80	120	160	200	230
16	87.5	87.5	107.1	107.1	107.1	107.1	107.1*
18	77.5	77.5	106.7	106.7	106.7	106.7	106.7*
20	69.1	69.1	106.3	106.3	106.3	106.3	106.3*
22	62.1	62.1	105.8	105.8	105.8	105.8	105.8*
24	56.1	56.1	105.2	105.2	105.2	105.2	105.2*
26	50.9	50.9	103.3	103.3	103.3	103.3	104.7*
28	46.3	46.3	94.4	94.4	94.4	94.4	104.1*
30	42.4	42.4	86.8	86.8	86.8	86.8	103.4*
32	38.8	38.8	80.1	80.1	80.1	80.1	102.8*
34	35.5	35.5	74.2	74.2	74.2	74.2	101.7*
36	32.5	32.5	69	69	69	69	99.9*
38	29.7	29.7	64.3	64.3	64.3	64.3	97.9*
40	27	27	59.7	59.7	59.7	59.7	95.6
42	24.6	24.6	55.5	55.5	55.5	55.5	94.1
44	22.5	22.5	51.8	51.8	51.8	51.8	92.2
46	20.5	20.5	48.5	48.5	48.5	48.5	90.4
48	18.7	18.7	45.4	45.4	45.4	45.4	88.7
50	17.1	17.1	42.6	42.6	42.6	42.6	87
52	15.6	15.6	40.1	40.1	40.1	40.1	85.4
54	14.2	14.2	37.7	37.7	37.7	37.7	81.8
56	12.9	12.9	35.5	35.5	35.5	35.5	77.9
58	11.7	11.7	33.5	33.5	33.5	33.5	74.3
60	10.6	10.6	31.6	31.6	31.6	31.6	71
62	9.6	9.6	29.9	29.9	29.9	29.9	67.9
64	8.6	8.6	28.2	28.2	28.2	28.2	64.9
66	7.7	7.7	26.7	26.7	26.7	26.7	62.2
68	6.9	6.9	25.2	25.2	25.2	25.2	59.7
70	6.1	6.1	23.9	23.9	23.9	23.9	57.3
74			21.4	21.4	21.4	21.4	52.9
78			19.2	19.2	19.2	19.2	48.9
82			17.2	17.2	17.2	17.2	45.4
86			15.3	15.3	15.3	15.3	42.2
90			13.7	13.7	13.7	13.7	39.3

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

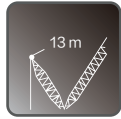
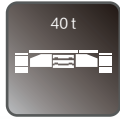


**SLB**

**Boom Length 126m**


	0	40	80	120	160	200	230
20	57.8	57.8	57.8*	57.8*	57.8*	57.8*	57.8*
22	55.6	57.3	57.3*	57.3*	57.3*	57.3*	57.3*
24	50.3	56.8	56.8	56.8*	56.8*	56.8*	56.8*
26	45.6	55.2	55.2	55.2*	55.2*	55.2*	55.2*
28	41.6	53.7	53.7	53.7*	53.7*	53.7*	53.7*
30	37.9	52.2	52.2	52.2*	52.2*	52.2*	52.2*
32	34.7	50.7	50.7	50.7*	50.7*	50.7*	50.7*
34	31.8	49.3	49.3	49.3*	49.3*	49.3*	49.3*
36	29.1	47.9	48	48	48*	48*	48*
38	26.8	44.4	46.7	46.7	46.7*	46.7*	46.7*
40	24.6	41.2	45.4	45.4	45.4*	45.4*	45.4*
42	22.6	38.3	44.2	44.2	44.2*	44.2*	44.2*
44	20.8	35.7	43	43	43*	43*	43*
46	19.1	33.3	41.9	41.9	41.9*	41.9*	41.9*
48	17.5	30.9	40.8	40.8	40.8*	40.8*	40.8*
50	15.9	28.7	39.8	39.8	39.8*	39.8*	39.8*
52	14.4	26.7	38.8	38.8	38.8*	38.8*	38.8*
54	13	24.8	36.5	37.9	37.9	37.9*	37.9*
56	11.8	23.1	34.4	37	37	37*	37*
58	10.6	21.5	32.3	36.2	36.2	36.2*	36.2*
62	8.4	18.6	28.7	34.3	34.3	34.3*	34.3*
66	6.6	16.1	25.5	32.7	32.7	32.7*	32.7*
70		13.8	22.7	31.2	31.2	31.2*	31.2*
74		11.9	20.3	28.7	29.8	29.8	29.8*
78		10.1	18.1	26	28.7	28.7	28.7*
82		8.5	16.1	23.6	27.6	27.6	27.6*
86		7.1	14.3	21.4	26.7	26.7	26.7*
90		5.8	12.6	19.5	25.9	25.9	25.9
94			11.1	17.7	24.2	25.3	25.3
98			9.7	16	22.3	24.7	24.7
102			8.5	14.5	20.5	24.3	24.3
106			7.3	13.1	18.8	24.1	24.1
110			6.2	11.7	17.3	22.8	24

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

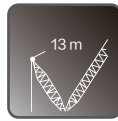
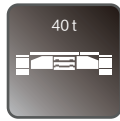



## SLB

## Boom Length 72m

 m	0	40	80	120	160	200	230
12	138.7	185	216	216	216*	216*	216*
14	118.6	158.8	199	216	216	216*	216*
16	103.1	138.6	174.2	209	216	216	216*
18	90.8	122.7	154.6	186.5	216	216	216
20	80.8	109.1	137.1	165.2	193.2	213	216
22	71.8	97	122.3	147.6	172.8	192.5	206
24	64.1	87.1	110.1	133.1	156.2	174.8	187.5
26	57.7	78.8	99.9	121.1	142.2	159.9	171.6
28	52.2	71.7	91.3	110.8	130.4	147.1	158
30	47	65.1	83.1	101.2	119.2	136.1	146.2
32	42.6	59.4	76.1	92.9	109.7	126.4	135.9
34	38.8	54.4	70.1	85.7	101.4	117	126.9
36	35.4	50.1	64.8	79.4	94.1	108.8	118.9
38	32.5	46.3	60.1	73.9	87.7	101.5	111.7
40	29.8	42.9	55.9	68.9	82	95	104.8
42	27.4	39.8	52.2	64.5	76.9	89.2	98.5
44	25.3	37	48.8	60.5	72.3	84	92.8
46	23.4	34.5	45.7	56.9	68.1	79.3	87.6
48	21.6	32.3	42.9	53.6	64.3	74.9	83
50	20	30.2	40.4	50.6	60.8	71	78.7
52	18.5	28.2	38	47.8	57.6	67.4	74.7
54	17.1	26.5	35.9	45.3	54.7	64	71.1
56	15.8	24.8	33.9	42.9	51.9	61	67.5
58	14.6	23.3	32	40.7	49.4	58.1	63.7
60	13.5	21.9	30.3	38.7	47	55.4	60.2
62	12.4	20.5	28.6	36.7	44.8	52.9	56.8
64	11.5	19.3	27.1	35	42.8	50.6	53.5

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

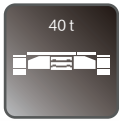
**SLB****Boom Length 102m**

	0	40	80	120	160	200	230
16	87.1	107.1	107.1	107.1*	107.1*	107.1*	107.1*
18	77	105.7	106.7	106.7	106.7*	106.7*	106.7*
20	68.7	95	106.3	106.3	106.3*	106.3*	106.3*
22	61.7	85.9	105.8	105.8	105.8*	105.8*	105.8*
24	55.7	78.2	100.6	105.2	105.2	105.2*	105.2*
26	50.6	71.5	92.4	104.7	104.7	104.7*	104.7*
28	46.1	65.7	84.7	103.6	104.1	104.1	104.1*
30	42.1	60.2	77.7	95.3	103.4	103.4	103.4*
32	38.6	55.2	71.6	88.1	102.8	102.8	102.8
34	35.3	50.8	66.2	81.7	97.2	101.7	101.7
36	32.3	46.9	61.5	76.1	90.6	99.9	99.9
38	29.5	43.3	57.1	70.9	84.8	97.9	97.9
40	26.8	39.9	52.9	66	79	92.1	95.6
42	24.5	36.8	49.2	61.5	73.9	86.2	94.1
44	22.3	34	45.8	57.5	69.3	81	89.8
46	20.3	31.5	42.7	53.9	65.1	76.3	84.6
48	18.6	29.2	39.9	50.6	61.3	71.9	79.9
50	16.9	27.1	37.4	47.6	57.8	68	75.6
52	15.4	25.2	35	44.8	54.6	64.4	71.7
54	14.1	23.5	32.9	42.2	51.6	61	68.1
56	12.8	21.8	30.9	39.9	48.9	58	64.7
58	11.6	20.3	29	37.7	46.4	55.1	61.6
60	10.5	18.9	27.3	35.7	44.1	52.5	58.7
62	9.5	17.6	25.7	33.8	41.9	50	56.1
64	8.5	16.4	24.2	32	39.8	47.7	53.5
66	7.6	15.2	22.8	30.4	37.9	45.5	51.2
68	6.8	14.1	21.5	28.8	36.1	43.5	49
70	6	13.1	20.2	27.3	34.5	41.6	46.9
74		11.2	17.9	24.6	31.4	38.1	43.1
78		9.5	15.9	22.2	28.6	34.9	39.7
82		8	14	20.1	26.1	32.1	35.9
86		6.6	12.4	18.1	23.8	29.6	32.3
90		5.4	10.8	16.3	21.8	27.2	28.9

Note: For the lifting weight marked with “\*\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.


# Operation modes and lifting performances

XGC400-I

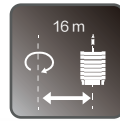
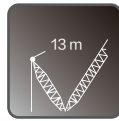
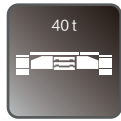



SLB

Boom Length 126m

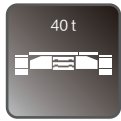
 m	0	40	80	120	160	200	230
20	57.8	57.8	57.8	57.8*	57.8*	57.8*	57.8*
22	55.3	57.3	57.3	57.3*	57.3*	57.3*	57.3*
24	50	56.8	56.8	56.8*	56.8*	56.8*	56.8*
26	45.4	55.2	55.2	55.2*	55.2*	55.2*	55.2*
28	41.3	53.7	53.7	53.7*	53.7*	53.7*	53.7*
30	37.7	52.2	52.2	52.2	52.2*	52.2*	52.2*
32	34.4	50.7	50.7	50.7	50.7*	50.7*	50.7*
34	31.5	47.3	49.3	49.3	49.3*	49.3*	49.3*
36	28.9	43.9	48	48	48*	48*	48*
38	26.6	40.8	46.7	46.7	46.7*	46.7*	46.7*
40	24.4	37.8	45.4	45.4	45.4	45.4*	45.4*
42	22.4	35.1	44.2	44.2	44.2	44.2*	44.2*
44	20.6	32.6	43	43	43	43*	43*
46	18.9	30.3	41.5	41.9	41.9	41.9*	41.9*
48	17.4	28.1	38.8	40.8	40.8	40.8*	40.8*
50	15.8	26	36.2	39.8	39.8	39.8*	39.8*
52	14.3	24.1	33.9	38.8	38.8	38.8*	38.8*
54	12.9	22.3	31.7	37.9	37.9	37.9	37.9*
56	11.6	20.7	29.7	37	37	37	37*
58	10.5	19.2	27.9	36.2	36.2	36.2	36.2*
62	8.3	16.4	24.5	32.6	34.3	34.3	34.3*
66	6.5	14.1	21.6	29.2	32.7	32.7	32.7
70		12	19.1	26.2	31.2	31.2	31.2
74		10.1	16.8	23.5	29.8	29.8	29.8
78		8.4	14.8	21.1	27.5	28.7	28.7
82		6.9	13	19	25	27.6	27.6
86		5.6	11.3	17	22.8	26.7	26.7
90			9.8	15.3	20.7	25.9	25.9
94			8.4	13.7	18.9	24.1	25.3
98			7.2	12.2	17.2	22.2	24.7
102			6	10.8	15.6	20.4	22.6
106				9.5	14.1	18.7	20.2
110				8.3	12.8	16.8	18

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

**SLB****Boom Length 72m**


 m	0	40	80	120	160	200	210
12	154.1	212	216	216*	216*	216*	216*
14	131.9	182.4	216	216	216*	216*	216*
16	114.9	159.6	202	216	216	216*	216*
18	101.4	141.4	179	215	216	216	216*
20	90.4	125.4	159.9	192.5	216	216	216
22	80.1	111.7	143.3	173.8	202	216	216
24	71.7	100.5	129.3	158.1	183.8	206	212
26	64.7	91.1	117.5	144	167.2	189.1	194.2
28	58.6	83.1	107.5	132	153.2	173.9	178.9
30	53	75.6	98.2	120.7	141.1	160.3	165.2
32	48.2	69.1	90.1	111.1	130.7	148.6	153.1
34	44	63.5	83.1	102.7	121.5	138.3	142.5
36	40.3	58.6	77	95.3	113.4	129.3	133.2
38	37	54.3	71.6	88.8	106.1	121.2	124.9
40	34.1	50.4	66.8	83.1	99.4	114	117.5
42	31.5	47	62.4	77.9	93.3	107.5	110.8
44	29.2	43.9	58.5	73.2	87.9	101.6	104.8
46	27	41	55	69	83	96.2	99.3
48	25.1	38.5	51.8	65.2	78.5	91.3	94.3
50	23.3	36.1	48.9	61.6	74.4	86.9	89.6
52	21.7	33.9	46.2	58.4	70.7	82.7	85.4
54	20.2	31.9	43.7	55.4	67.2	78.9	81.5
56	18.8	30.1	41.4	52.7	64	75.3	77.8
58	17.5	28.4	39.2	50.1	61	71.9	74.4
60	16.3	26.8	37.2	47.7	58.2	68.7	71.3
62	15.1	25.3	35.4	45.5	55.6	65.8	68.3
64	14.1	23.8	33.6	43.4	53.2	63	65.2

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

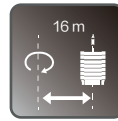
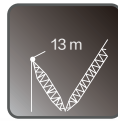
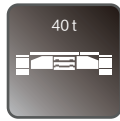


## SLB

## Boom Length 102m


 m	0	40	80	120	160	200	210
16	97.6	107.1	107.1	107.1*	107.1*	107.1*	107.1*
18	86.6	106.7	106.7	106.7*	106.7*	106.7*	106.7*
20	77.4	106.3	106.3	106.3*	106.3*	106.3*	106.3*
22	69.8	100.2	105.8	105.8	105.8*	105.8*	105.8*
24	63.2	91.4	105.2	105.2	105.2*	105.2*	105.2*
26	57.5	83.8	104.7	104.7	104.7*	104.7*	104.7*
28	52.6	76.8	100.4	104.1	104.1	104.1*	104.1*
30	48.2	70.4	92.3	103.4	103.4	103.4*	103.4*
32	44.2	64.7	85.3	102.8	102.8	102.8*	102.8*
34	40.4	59.8	79.1	98.4	101.7	101.7	101.7*
36	37.1	55.4	73.6	91.9	99.9	99.9	99.9
38	34.1	51.4	68.6	85.9	97.9	97.9	97.9
40	31.2	47.5	63.8	80.1	95.6	95.6	95.6
42	28.5	44	59.5	74.9	90.4	94.1	94.1
44	26.2	40.9	55.5	70.2	84.9	92.2	92.2
46	24	38	52	66	80	90.4	90.4
48	22.1	35.4	48.8	62.1	75.5	88.7	88.7
50	20.3	33.1	45.9	58.6	71.4	84.1	86.9
52	18.7	30.9	43.2	55.4	67.6	79.9	82.7
54	17.2	28.9	40.7	52.4	64.2	75.9	78.7
56	15.8	27.1	38.4	49.7	61	72.3	75.1
58	14.5	25.4	36.2	47.1	58	68.9	71.6
60	13.3	23.8	34.3	44.8	55.3	65.7	68.4
62	12.2	22.3	32.4	42.6	52.7	62.8	65.4
64	11.1	20.9	30.7	40.5	50.3	60.1	62.5
66	10.1	19.6	29.1	38.6	48	57.5	59.9
68	9.2	18.4	27.6	36.7	45.9	55.1	57.4
70	8.3	17.2	26.1	35	43.9	52.9	55.1
74	6.7	15.1	23.5	31.9	40.3	48.7	50.8
78	5.3	13.2	21.2	29.1	37.1	45	47
82		11.5	19.1	26.6	34.1	41.7	43.6
86		10	17.1	24.3	31.5	38.6	40.4
90		8.6	15.4	22.2	29.1	35.9	37.4

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

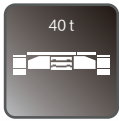


**SLB**

**Boom Length 126m**

 m	0	40	80	120	160	200	210
20	57.8	57.8	57.8*	57.8*	57.8*	57.8*	57.8*
22	57.3	57.3	57.3*	57.3*	57.3*	57.3*	57.3*
24	56.8	56.8	56.8	56.8*	56.8*	56.8*	56.8*
26	51.9	55.2	55.2	55.2*	55.2*	55.2*	55.2*
28	47.4	53.7	53.7	53.7*	53.7*	53.7*	53.7*
30	43.5	52.2	52.2	52.2*	52.2*	52.2*	52.2*
32	39.9	50.7	50.7	50.7*	50.7*	50.7*	50.7*
34	36.8	49.3	49.3	49.3*	49.3*	49.3*	49.3*
36	33.9	48	48	48	48*	48*	48*
38	31.3	46.7	46.7	46.7	46.7*	46.7*	46.7*
40	28.9	45.3	45.4	45.4	45.4*	45.4*	45.4*
42	26.8	42.2	44.2	44.2	44.2*	44.2*	44.2*
44	24.8	39.4	43	43	43*	43*	43*
46	22.8	36.8	41.9	41.9	41.9*	41.9*	41.9*
48	20.9	34.3	40.8	40.8	40.8*	40.8*	40.8*
50	19.2	31.9	39.8	39.8	39.8*	39.8*	39.8*
52	17.5	29.8	38.8	38.8	38.8*	38.8*	38.8*
54	16	27.8	37.9	37.9	37.9	37.9*	37.9*
56	14.6	25.9	37	37	37	37*	37*
58	13.3	24.2	35.1	36.2	36.2	36.2*	36.2*
62	11	21.1	31.3	34.3	34.3	34.3*	34.3*
66	9	18.5	27.9	32.7	32.7	32.7*	32.7*
70	7.2	16.1	25	31.2	31.2	31.2*	31.2*
74	5.6	14	22.4	29.8	29.8	29.8	29.8*
78		12.1	20.1	28	28.7	28.7	28.7*
82		10.4	18	25.5	27.6	27.6	27.6
86		8.9	16.1	23.2	26.7	26.7	26.7
90		7.5	14.4	21.2	25.9	25.9	25.9
94		6.2	12.8	19.3	25.3	25.3	25.3
98		5.1	11.3	17.6	23.8	24.7	24.7
102			10	16	22	24.3	24.3
106			8.8	14.5	20.3	24.1	24.1
110			7.6	13.1	18.7	24	24

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

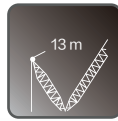
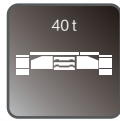


**SLB**

**Boom Length 72m**


	0	40	80	120	160	200	210
12	153.4	199.6	216	216	216*	216*	216*
14	131.3	171.5	211	216	216	216*	216*
16	114.3	149.9	185.5	216	216	216	216
18	100.9	132.8	164.5	193.5	216	216	216
20	90	118	146	172.9	198.9	216	216
22	79.8	105	130.3	155.6	179	197.5	202
24	71.4	94.4	117.4	140.4	162.4	179.4	183.6
26	64.4	85.5	106.6	127.8	148.5	164.1	168
28	58.4	77.9	97.5	117	136.5	151	154.6
30	52.7	70.8	88.8	106.9	124.9	139.7	143.1
32	47.9	64.7	81.5	98.2	115	129.9	133
34	43.7	59.4	75	90.7	106.3	121.2	124.1
36	40.1	54.7	69.4	84.1	98.8	113.4	116.3
38	36.8	50.6	64.4	78.3	92.1	105.9	109.2
40	33.9	47	60	73.1	86.1	99.2	102.4
42	31.3	43.7	56.1	68.4	80.8	93.1	96.2
44	29	40.8	52.5	64.2	76	87.7	90.6
46	26.9	38.1	49.3	60.4	71.6	82.8	85.6
48	25	35.6	46.3	57	67.7	78.3	81
50	23.2	33.4	43.6	53.8	64	74.2	76.8
52	21.6	31.3	41.1	50.9	60.7	70.5	72.9
54	20.1	29.4	38.8	48.2	57.6	67	69.4
56	18.7	27.7	36.7	45.8	54.8	63.8	65.8
58	17.4	26.1	34.8	43.5	52.2	60.9	62.2
60	16.1	24.5	32.9	41.3	49.7	57.9	58.7
62	15	23.1	31.2	39.3	47.4	54.6	55.4
64	13.9	21.8	29.6	37.4	45.3	51.5	52.2

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

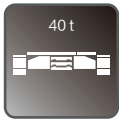


**SLB**

**Boom Length 102m**


 m	0	40	80	120	160	200	210
16	97.1	107.1	107.1	107.1*	107.1*	107.1*	107.1*
18	86.1	106.7	106.7	106.7	106.7*	106.7*	106.7*
20	77.1	103.3	106.3	106.3	106.3*	106.3*	106.3*
22	69.4	93.6	105.8	105.8	105.8*	105.8*	105.8*
24	62.9	85.3	105.2	105.2	105.2	105.2*	105.2*
26	57.2	78.1	99.1	104.7	104.7	104.7*	104.7*
28	52.3	71.8	90.7	104.1	104.1	104.1	104.1
30	47.9	65.7	83.3	100.8	103.4	103.4	103.4
32	43.9	60.4	76.8	93.3	102.8	102.8	102.8
34	40.2	55.7	71.1	86.6	101.7	101.7	101.7
36	36.9	51.5	66.1	80.7	95.3	99.9	99.9
38	33.9	47.7	61.5	75.3	89.1	97.9	97.9
40	31	44	57.1	70.1	83.1	95.6	95.6
42	28.4	40.7	53.1	65.4	77.8	90.2	93.2
44	26	37.8	49.5	61.2	73	84.7	87.6
46	23.9	35.1	46.2	57.4	68.6	79.8	82.6
48	21.9	32.6	43.3	54	64.6	75.3	78
50	20.2	30.4	40.6	50.8	61	71.2	73.8
52	18.5	28.3	38.1	47.9	57.7	67.5	69.9
54	17	26.4	35.8	45.2	54.6	64	66.4
56	15.7	24.7	33.7	42.8	51.8	60.8	63.1
58	14.4	23.1	31.8	40.5	49.2	57.9	60
60	13.2	21.6	29.9	38.3	46.7	55.1	57.2
62	12	20.1	28.2	36.3	44.4	52.5	54.6
64	11	18.8	26.7	34.5	42.3	50.2	52.1
66	10	17.6	25.2	32.8	40.3	47.9	49.8
68	9.1	16.4	23.8	31.1	38.5	45.8	47.6
70	8.2	15.4	22.5	29.6	36.7	43.8	45.6
74	6.6	13.3	20.1	26.8	33.5	40.2	41.9
78	5.2	11.6	17.9	24.3	30.6	37	38.5
82		9.9	16	22	28	34	34.8
86		8.5	14.2	19.9	25.6	30.8	31.3
90		7.1	12.6	18	23.5	27.5	28

Note: For the lifting weight marked with “\*\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

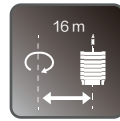
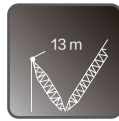
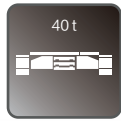



## SLB

## Boom Length 126m

	0	40	80	120	160	200	210
20	57.8	57.8	57.8	57.8*	57.8*	57.8*	57.8*
22	57.3	57.3	57.3	57.3*	57.3*	57.3*	57.3*
24	56.7	56.8	56.8	56.8*	56.8*	56.8*	56.8*
26	51.6	55.2	55.2	55.2*	55.2*	55.2*	55.2*
28	47.2	53.7	53.7	53.7*	53.7*	53.7*	53.7*
30	43.2	52.2	52.2	52.2	52.2*	52.2*	52.2*
32	39.7	50.7	50.7	50.7	50.7*	50.7*	50.7*
34	36.5	49.3	49.3	49.3	49.3*	49.3*	49.3*
36	33.7	48	48	48	48*	48*	48*
38	31.1	45.1	46.7	46.7	46.7*	46.7*	46.7*
40	28.7	41.8	45.4	45.4	45.4	45.4*	45.4*
42	26.6	38.9	44.2	44.2	44.2	44.2*	44.2*
44	24.6	36.3	43	43	43	43*	43*
46	22.7	33.9	41.9	41.9	41.9	41.9*	41.9*
48	20.8	31.5	40.8	40.8	40.8	40.8*	40.8*
50	19	29.2	39.4	39.8	39.8	39.8*	39.8*
52	17.4	27.2	37	38.8	38.8	38.8*	38.8*
54	15.9	25.3	34.7	37.9	37.9	37.9	37.9*
56	14.5	23.5	32.6	37	37	37	37*
58	13.2	21.9	30.6	36.2	36.2	36.2	36.2
62	10.9	19	27.1	34.3	34.3	34.3	34.3
66	8.9	16.5	24	31.6	32.7	32.7	32.7
70	7.1	14.2	21.3	28.4	31.2	31.2	31.2
74	5.5	12.2	18.9	25.6	29.8	29.8	29.8
78		10.4	16.8	23.1	28.7	28.7	28.7
82		8.8	14.9	20.9	26.9	27.6	27.6
86		7.4	13.1	18.9	24.6	26.7	26.7
90		6.1	11.5	17	22.5	25.9	25.9
94			10.1	15.3	20.5	25.3	25.3
98			8.8	13.8	18.8	23.7	24.2
102			7.5	12.3	17.1	21.3	21.7
106			6.4	11	15.6	19	19.4
110			5.3	9.7	14.2	16.8	17.2

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

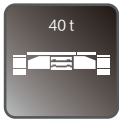
**SLB****Boom Length 72m**

 m	0	40	80	120	160	190
12	166.4	216	216	216*	216*	216*
14	141	187.2	216	216	216*	216*
16	121.7	162.3	202	216	216	216*
18	106.7	142.9	179	215	216	216
20	94.5	127.2	159.9	192.5	216	216
22	84.6	114.3	144.1	173.8	202	216
24	77.9	105.3	132.6	159.3	183.8	202
26	70.7	96	121.2	144.7	167.2	184.1
28	64.5	87.9	111.4	132.4	153.2	168.7
30	58.7	81	102.6	121.9	141.1	155.5
32	53.5	74.4	94.8	112.7	130.7	144.1
34	48.9	68.5	87.9	104.7	121.5	134.1
36	44.9	63.3	81.6	97.6	113.4	125.3
38	41.4	58.7	75.9	91.3	106.3	117.5
40	38.3	54.6	70.9	85.7	99.8	110.5
42	35.4	50.9	66.3	80.6	94	104.1
44	32.9	47.6	62.3	76	88.8	98.4
46	30.6	44.6	58.6	71.8	84	93.2
48	28.5	41.8	55.2	68	79.7	88.4
50	26.6	39.3	52.1	64.5	75.7	84.1
52	24.8	37	49.3	61.2	72	80
54	23.2	34.9	46.7	58.2	68.6	76.3
56	21.6	32.9	44.2	55.5	65.4	72.8
58	20.2	31.1	42	52.9	62.4	69.6
60	18.9	29.4	39.9	50.4	59.7	66.6
62	17.7	27.8	38	48.1	57.1	63.8
64	16.5	26.3	36.1	45.9	54.7	61.2

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.


# Operation modes and lifting performances

XGC400-I

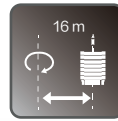
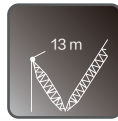
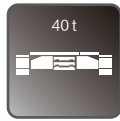


SLB

Boom Length 102m


 m	0	40	80	120	160	190
16	107.1	107.1	107.1	107.1*	107.1*	107.1*
18	95.7	106.7	106.7	106.7*	106.7*	106.7*
20	85.8	106.3	106.3	106.3*	106.3*	106.3*
22	77.4	105.8	105.8	105.8	105.8*	105.8*
24	69.8	96.1	105.2	105.2	105.2*	105.2*
26	63	87.4	104.7	104.7	104.7*	104.7*
28	57.2	79.9	102.6	104.1	104.1	104.1*
30	52.1	73.3	94.6	103.4	103.4	103.4*
32	47.6	67.6	87.5	102.8	102.8	102.8
34	44.8	63.6	82.5	101.3	101.7	101.7
36	41.2	59	76.8	94.6	99.9	99.9
38	37.9	54.8	71.7	88.7	97.9	97.9
40	35	51.1	67.2	83	95.6	95.6
42	32.3	47.6	63	77.8	91.4	94.1
44	29.8	44.5	59.2	73.2	86.1	92.2
46	27.6	41.6	55.6	69	81.3	90.4
48	25.5	38.8	52.2	65.1	76.9	85.7
50	23.5	36.3	49.1	61.6	72.9	81.3
52	21.8	34	46.3	58.3	69.2	77.3
54	20.1	31.9	43.6	55.3	65.7	73.5
56	18.6	29.9	41.2	52.5	62.6	70.1
58	17.2	28.1	39	49.9	59.6	66.8
60	15.9	26.4	36.9	47.4	56.9	63.8
62	14.7	24.9	35	45.1	54.3	61.1
64	13.5	23.4	33.2	43	51.9	58.4
66	12.4	22	31.5	41	49.7	56
68	11.3	20.7	29.9	39.1	47.5	53.7
70	10.3	19.5	28.4	37.3	45.5	51.5
74	8.4	17.3	25.6	34	41.9	47.5
78	6.8	15.2	23.2	31.1	38.6	43.9
82	5.2	13.3	21	28.5	35.6	40.7
86		11.5	19	26.1	32.9	37.7
90		9.9	17.1	23.9	30.5	35.1

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SLB**

**Boom Length 126m**


 m	0	40	80	120	160	190
20	57.8	57.8	57.8*	57.8*	57.8*	57.8*
22	57.3	57.3	57.3*	57.3*	57.3*	57.3*
24	56.8	56.8	56.8	56.8*	56.8*	56.8*
26	55.2	55.2	55.2	55.2*	55.2*	55.2*
28	53.3	53.7	53.7	53.7*	53.7*	53.7*
30	49	52.2	52.2	52.2*	52.2*	52.2*
32	45	50.7	50.7	50.7*	50.7*	50.7*
34	41.1	49.3	49.3	49.3*	49.3*	49.3*
36	37.7	48	48	48	48*	48*
38	34.6	46.7	46.7	46.7	46.7*	46.7*
40	32.8	45.4	45.4	45.4	45.4*	45.4*
42	30.2	44.2	44.2	44.2	44.2*	44.2*
44	27.8	42.2	43	43	43*	43*
46	25.6	39.4	41.9	41.9	41.9*	41.9*
48	23.6	36.8	40.8	40.8	40.8*	40.8*
50	21.7	34.4	39.8	39.8	39.8*	39.8*
52	20	32.2	38.8	38.8	38.8*	38.8*
54	18.4	30.2	37.9	37.9	37.9	37.9*
56	16.9	28.3	37	37	37	37*
58	15.5	26.5	36.2	36.2	36.2	36.2*
62	12.9	23.3	33.7	34.3	34.3	34.3*
66	10.7	20.4	30.2	32.7	32.7	32.7*
70	8.7	17.9	27.1	31.2	31.2	31.2
74	6.9	15.6	24.4	29.8	29.8	29.8
78	5.3	13.6	21.9	28.7	28.7	28.7
82		11.7	19.6	27.4	27.6	27.6
86		10	17.5	25.1	26.7	26.7
90		8.4	15.6	22.9	25.9	25.9
94		7	13.9	20.8	25.3	25.3
98		5.6	12.3	18.9	24.7	24.7
102			10.8	17.2	23.3	24.3
106			9.4	15.6	21.6	24.1
110			8.1	14.1	19.9	23.4

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

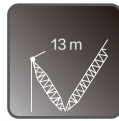
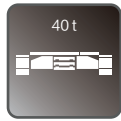


## SLB

## Boom Length 72m


 m	0	40	80	120	160	190
12	166.2	209	216	216	216*	216*
14	140.8	177.8	214	216	216	216*
16	121.6	154.1	186.6	216	216	216
18	106.6	135.5	164.5	193.5	216	216
20	94.4	120.6	146.7	172.9	199	216
22	84.5	108.3	132.1	155.9	179.7	196.6
24	77.8	99.7	121.6	143.5	164.2	178.9
26	70.6	90.8	111.1	131.2	149.2	162.7
28	64.4	83.2	102	120	136.6	149
30	58.5	76.5	94.1	110.3	125.7	137.2
32	53.2	70	86.8	101.9	116.3	127.1
34	48.7	64.3	80	94.6	108	118.1
36	44.7	59.4	74.1	88.1	100.8	110.3
38	41.2	55	68.8	82.3	94.3	103.3
40	38.1	51.1	64.2	77.2	88.5	97
42	35.3	47.6	60	72.3	83.3	91.3
44	32.7	44.5	56.2	67.9	78.5	86.2
46	30.4	41.6	52.8	64	74.2	81.6
48	28.3	39	49.7	60.4	70.3	77.3
50	26.4	36.6	46.8	57	66.7	73.4
52	24.7	34.4	44.2	54	63.4	69.8
54	23	32.4	41.8	51.2	60.3	66.5
56	21.5	30.5	39.6	48.6	57.4	63.4
58	20.1	28.8	37.5	46.2	54.8	60.5
60	18.8	27.2	35.6	44	52.3	57.2
62	17.6	25.7	33.8	41.9	50	53.9
64	16.4	24.2	32.1	39.9	47.7	50.8

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SLB**

**Boom Length 102m**

 m	0	40	80	120	160	190
16	107.1	107.1	107.1	107.1*	107.1*	107.1*
18	95.2	106.7	106.7	106.7	106.7*	106.7*
20	85.4	106.3	106.3	106.3	106.3*	106.3*
22	77.1	100.4	105.8	105.8	105.8*	105.8*
24	69.7	90.7	105.2	105.2	105.2	105.2*
26	62.9	82.4	101.9	104.7	104.7	104.7
28	57.1	75.3	93.4	104.1	104.1	104.1
30	52	69	86	103	103.4	103.4
32	47.5	63.5	79.5	95.5	102.8	102.8
34	44.7	59.8	74.9	90	101.7	101.7
36	41.1	55.4	69.6	83.9	98.2	99.9
38	37.8	51.4	64.9	78.5	91.7	97.9
40	34.9	47.8	60.7	73.6	85.8	94.4
42	32.2	44.5	56.8	69.1	80.5	88.7
44	29.7	41.5	53.2	65	75.8	83.5
46	27.4	38.6	49.8	61	71.4	78.8
48	25.3	36	46.7	57.3	67.5	74.5
50	23.4	33.6	43.8	54	63.8	70.6
52	21.6	31.4	41.2	51	60.5	67
54	20	29.4	38.8	48.2	57.4	63.6
56	18.5	27.5	36.6	45.6	54.5	60.5
58	17.1	25.8	34.5	43.2	51.9	57.7
60	15.8	24.2	32.6	41	49.4	55
62	14.6	22.7	30.8	38.9	47	52.5
64	13.4	21.3	29.1	37	44.8	50.2
66	12.3	20	27.6	35.2	42.7	48
68	11.3	18.8	26.1	33.4	40.8	45.9
70	10.3	17.6	24.7	31.8	39	44
74	8.4	15.5	22.2	28.9	35.6	40.4
78	6.7	13.5	19.9	26.3	32.6	37.2
82	5.2	11.6	17.9	23.9	29.9	33.7
86		9.9	16	21.7	27.5	30.3
90		8.4	14.3	19.8	25.2	27

Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.


# Operation modes and lifting performances

XGC400-I



SLB

Boom Length 126m

	0	40	80	120	160	190
20	57.8	57.8	57.8	57.8*	57.8*	57.8*
22	57.3	57.3	57.3	57.3*	57.3*	57.3*
24	56.8	56.8	56.8	56.8*	56.8*	56.8*
26	55.2	55.2	55.2	55.2*	55.2*	55.2*
28	53.1	53.7	53.7	53.7*	53.7*	53.7*
30	48.8	52.2	52.2	52.2	52.2*	52.2*
32	44.9	50.7	50.7	50.7	50.7*	50.7*
34	41.1	49.3	49.3	49.3	49.3*	49.3*
36	37.6	48	48	48	48*	48*
38	34.5	46.7	46.7	46.7	46.7*	46.7*
40	32.7	45.3	45.4	45.4	45.4	45.4*
42	30.1	42.1	44.2	44.2	44.2	44.2*
44	27.7	39.2	43	43	43	43*
46	25.5	36.6	41.9	41.9	41.9	41.9*
48	23.5	34.1	40.8	40.8	40.8	40.8*
50	21.7	31.9	39.8	39.8	39.8	39.8
52	19.9	29.8	38.8	38.8	38.8	38.8
54	18.3	27.8	37.3	37.9	37.9	37.9
56	16.8	26	35.1	37	37	37
58	15.4	24.3	33.1	36.2	36.2	36.2
62	12.9	21.2	29.5	34.3	34.3	34.3
66	10.7	18.5	26.3	32.7	32.7	32.7
70	8.7	16	23.4	30.7	31.2	31.2
74	6.9	13.9	20.8	27.8	29.8	29.8
78	5.2	11.9	18.5	25.2	28.7	28.7
82		10.1	16.4	22.7	27.6	27.6
86		8.5	14.5	20.5	26.4	26.7
90		7	12.7	18.5	24.2	25.9
94		5.6	11.1	16.7	22.2	25.3
98			9.6	14.9	20.3	23.3
102			8.2	13.3	18.5	20.8
106			6.9	11.9	16.8	18.6
110			5.7	10.5	15.2	16.4

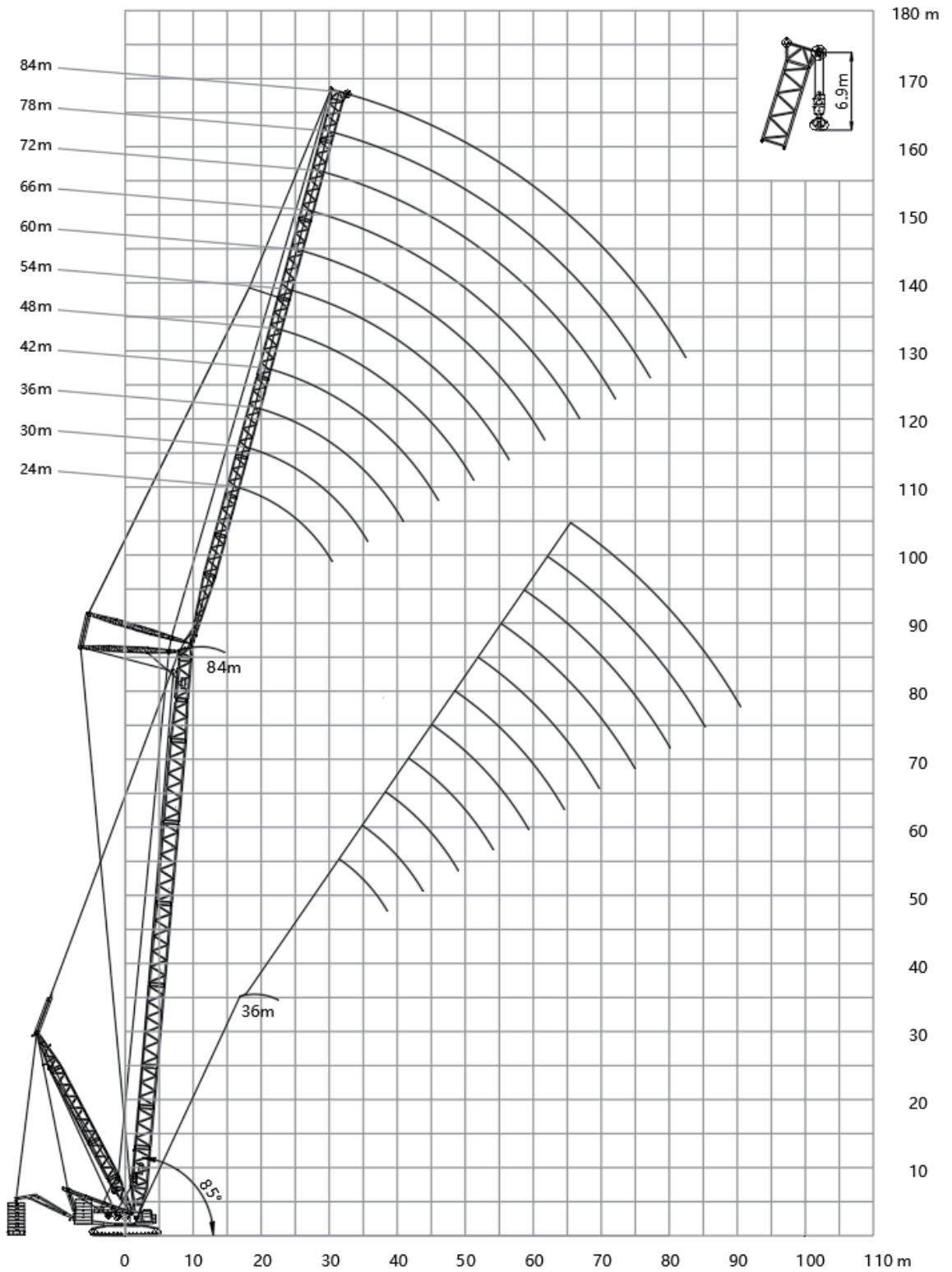
Note: For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

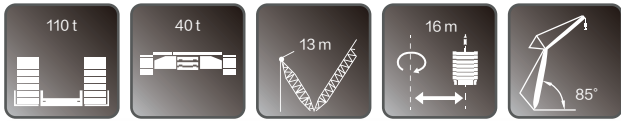
# SHW

Main boom/m	Boom combinations
36	①+③+⑥+⑦+⑧
42	①+②+③+⑥+⑦+⑧
48	①+③+④+⑥+⑦+⑧
54	①+②+③+④+⑥+⑦+⑧
60	①+② × 2+④+③+⑥+⑦+⑧
66	①+②+③+④+⑤+⑥+⑦+⑧
72	①+② × 2+④+③+⑤+⑥+⑦+⑧
78	①+②+③+④+⑤ × 2+⑥+⑦+⑧
84	①+② × 2+④+③+⑤ × 2+⑥+⑦+⑧

Tower jib length/m	Jib combinations
24	(10)+(11)+(15)
30	(10)+(11)+(12)+(15)
36	(10)+(11)+(13)+(15)
42	(10)+(11)+(12)+(13)+(15)
48	(10)+(11)+(12) × 2+(13)+(15)
54	(10)+(11)+(12)+(13)+(16)+(15)
60	(10)+(11)+(12) × 2+(16)+(13)+(15)
66	(10)+(11)+(12)+(13)+(16)+(14)+(15)
72	(10)+(11)+(12) × 2+(16)+(13)+(14)+(15)
78	(10)+(11)+(12)+(13)+(16)+(14) × 2+(15)
84	(10)+(11)+(12) × 2+(13)+(16)+(14) × 2+(15)

SHW





## SHW **Boom Length 36m** **Jib Length 24m**

m	0	40	80	120	160	200	230
14	134.3	187.7	220	220	220*	220*	220*
16	117.5	164.5	211.6	220	220	220*	220*
18	104.3	146	186.3	211.4	211.4	211.4*	211.4*
20	93.4	129.2	165.1	182	182	182*	182*
22	83.5	115.9	148.2	159.7	159.7	159.7*	159.7*
24	75.4	104.7	134.1	142.2	142.2	142.2*	142.2*
26	67.8	94.5	121.2	128	128	128*	128*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.


# Operation modes and lifting performances

XGC400-I



SHW

**Boom Length 36m**  
**Jib Length 54m**

 m	0	40	80	120	160	200	230
22	73	86.1	86.1	86.1*	86.1*	86.1*	86.1*
24	66.8	85.7	85.7	85.7*	85.7*	85.7*	85.7*
26	61.5	85.2	85.2	85.2*	85.2*	85.2*	85.2*
28	57	81.6	84.2	84.2	84.2*	84.2*	84.2*
30	52.9	75.4	81.1	81.1	81.1*	81.1*	81.1*
32	49.2	70	77.8	77.8	77.8*	77.8*	77.8*
34	45.7	65.3	74.3	74.3	74.3*	74.3*	74.3*
36	42.5	60.8	70.8	70.8	70.8*	70.8*	70.8*
38	39.5	56.7	67.3	67.3	67.3*	67.3*	67.3*
40	36.8	53.1	63.8	63.8	63.8*	63.8*	63.8*
42	34.3	49.8	60.3	60.3	60.3*	60.3*	60.3*
44	32.2	46.8	56.9	56.9	56.9*	56.9*	56.9*
46	30.2	44.2	53.6	53.6	53.6*	53.6*	53.6*
48	28.4	41.7	50.5	50.5	50.5*	50.5*	50.5*
50	26.7	39.5	47.5	47.5	47.5*	47.5*	47.5*
52	25.1	37.4	44.6	44.6	44.6*	44.6*	44.6*


Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



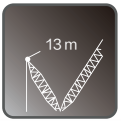
# SHW

## Boom Length 36m Jib Length 84m

 m	0	40	80	120	160	200	230
30	38.8	38.8	38.8*	38.8*	38.8*	38.8*	38.8*
32	38.5	38.5	38.5*	38.5*	38.5*	38.5*	38.5*
34	38.2	38.2	38.2*	38.2*	38.2*	38.2*	38.2*
36	36.7	37.9	37.9	37.9*	37.9*	37.9*	37.9*
38	34.4	37.5	37.5	37.5*	37.5*	37.5*	37.5*
40	32.3	37.2	37.2	37.2*	37.2*	37.2*	37.2*
42	30.4	36.9	36.9	36.9*	36.9*	36.9*	36.9*
44	28.6	36.6	36.6	36.6*	36.6*	36.6*	36.6*
46	27	36.3	36.3	36.3*	36.3*	36.3*	36.3*
48	25.4	35.5	35.5	35.5*	35.5*	35.5*	35.5*
50	24	34.6	34.6	34.6*	34.6*	34.6*	34.6*
52	22.5	33.7	33.7	33.7*	33.7*	33.7*	33.7*
54	21.1	32.7	32.7	32.7	32.7*	32.7*	32.7*
56	19.8	31.1	31.7	31.7	31.7*	31.7*	31.7*
58	18.6	29.5	30.7	30.7	30.7*	30.7*	30.7*
60	17.5	28	29.7	29.7	29.7*	29.7*	29.7*
62	16.5	26.6	28.7	28.7	28.7*	28.7*	28.7*
64	15.5	25.3	27.8	27.8	27.8*	27.8*	27.8*
66	14.6	24.1	26.8	26.8	26.8*	26.8*	26.8*
68	13.8	23	25.8	25.8	25.8*	25.8*	25.8*
70	13	21.9	24.9	24.9	24.9*	24.9*	24.9*
72	12.2	20.9	23.9	23.9	23.9*	23.9*	23.9*
74	11.5	19.9	23	23	23*	23*	23*
76	10.8	19	22.1	22.1	22.1*	22.1*	22.1*
78	10.2	18.1	21.3	21.3	21.3*	21.3*	21.3*

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SHW**

**Boom Length 60m**  
**Jib Length 24m**

	0	40	80	120	160	200	230
16	100.2	142.7	151.5	151.5*	151.5*	151.5*	151.5*
18	89.7	128.1	140.7	140.7*	140.7*	140.7*	140.7*
20	81.2	116.2	129.2	129.2	129.2*	129.2*	129.2*
22	74.1	106.3	117.8	117.8	117.8*	117.8*	117.8*
24	68	97.9	106.8	106.8	106.8*	106.8*	106.8*
26	62.8	90.7	96.6	96.6	96.6*	96.6*	96.6*
28	58.3	83.8	87.3	87.3	87.3*	87.3*	87.3*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



# SHW **Boom Length 60m** **Jib Length 54m**

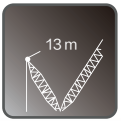
	0	40	80	120	160	200	230
24	58.1	67.4	67.4	67.4*	67.4*	67.4*	67.4*
26	53.7	65.8	65.8	65.8*	65.8*	65.8*	65.8*
28	49.8	63.2	63.2	63.2*	63.2*	63.2*	63.2*
30	46.3	60.3	60.3	60.3*	60.3*	60.3*	60.3*
32	43.3	57.4	57.4	57.4*	57.4*	57.4*	57.4*
34	40.6	54.3	54.3	54.3*	54.3*	54.3*	54.3*
36	38.1	51.3	51.3	51.3*	51.3*	51.3*	51.3*
38	35.9	48.3	48.3	48.3*	48.3*	48.3*	48.3*
40	33.8	45.4	45.4	45.4*	45.4*	45.4*	45.4*
42	32	42.6	42.6	42.6*	42.6*	42.6*	42.6*
44	30.3	39.9	39.9	39.9*	39.9*	39.9*	39.9*
46	28.7	37.4	37.4	37.4*	37.4*	37.4*	37.4*
48	27.2	35	35	35*	35*	35*	35*
50	25.9	32.7	32.7	32.7*	32.7*	32.7*	32.7*
52	24.4	30.6	30.6	30.6*	30.6*	30.6*	30.6*
54	23.1	28.6	28.6	28.6*	28.6*	28.6*	28.6*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

# Operation modes and lifting performances

XGC400-I



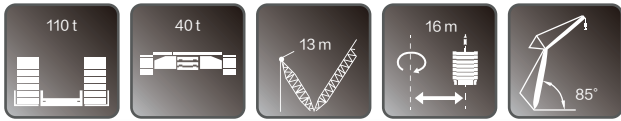
SHW

**Boom Length 60m**  
**Jib Length 84m**

	0	40	80	120	160	200	230
32	32.8	32.8	32.8*	32.8*	32.8*	32.8*	32.8*
34	32.7	32.7	32.7*	32.7*	32.7*	32.7*	32.7*
36	31.6	32.5	32.5*	32.5*	32.5*	32.5*	32.5*
38	29.6	32	32*	32*	32*	32*	32*
40	27.7	31.1	31.1	31.1*	31.1*	31.1*	31.1*
42	26.1	30.2	30.2	30.2*	30.2*	30.2*	30.2*
44	24.5	29.2	29.2	29.2*	29.2*	29.2*	29.2*
46	23.1	28.3	28.3	28.3*	28.3*	28.3*	28.3*
48	21.8	27.3	27.3	27.3*	27.3*	27.3*	27.3*
50	20.5	26.2	26.2	26.2*	26.2*	26.2*	26.2*
52	19.4	25.2	25.2	25.2*	25.2*	25.2*	25.2*
54	18.3	24.2	24.2	24.2*	24.2*	24.2*	24.2*
56	17.3	23.2	23.2	23.2*	23.2*	23.2*	23.2*
58	16.4	22.2	22.2	22.2*	22.2*	22.2*	22.2*
60	15.5	21.2	21.2	21.2*	21.2*	21.2*	21.2*
62	14.7	20.3	20.3	20.3*	20.3*	20.3*	20.3*
64	13.9	19.4	19.4	19.4*	19.4*	19.4*	19.4*
66	13.1	18.5	18.5	18.5*	18.5*	18.5*	18.5*
68	12.4	17.6	17.6	17.6*	17.6*	17.6*	17.6*
70	11.7	16.7	16.7	16.7*	16.7*	16.7*	16.7*
72	11.1	15.9	15.9	15.9*	15.9*	15.9*	15.9*
74	10.5	15.2	15.2	15.2*	15.2*	15.2*	15.2*
76	9.9	14.4	14.4	14.4*	14.4*	14.4*	14.4*
78	9.4	13.7	13.7	13.7*	13.7*	13.7*	13.7*
80	8.8	13	13	13*	13*	13*	13*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



# SHW **Boom Length 84m** **Jib Length 24m**

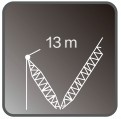
	0	40	80	120	160	200	230
18	75.8	91.5	91.5*	91.5*	91.5*	91.5*	91.5*
20	69	86.3	86.3	86.3*	86.3*	86.3*	86.3*
22	63.2	80.7	80.7	80.7*	80.7*	80.7*	80.7*
24	58.3	74.9	74.9	74.9*	74.9*	74.9*	74.9*
26	54	69.4	69.4	69.4*	69.4*	69.4*	69.4*
28	50.3	64.1	64.1	64.1*	64.1*	64.1*	64.1*
30	46.9	59.1	59.1	59.1*	59.1*	59.1*	59.1*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

# Operation modes and lifting performances

XGC400-I



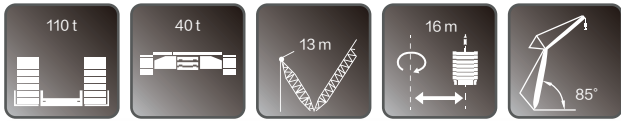
SHW

**Boom Length 84m**  
**Jib Length 54m**

	0	40	80	120	160	200	230
26	45.4	46.5	46.5*	46.5*	46.5*	46.5*	46.5*
28	42.2	44.8	44.8*	44.8*	44.8*	44.8*	44.8*
30	39.4	42.9	42.9*	42.9*	42.9*	42.9*	42.9*
32	36.8	41	41*	41*	41*	41*	41*
34	34.5	39	39*	39*	39*	39*	39*
36	32.4	37	37	37*	37*	37*	37*
38	30.5	35	35	35*	35*	35*	35*
40	28.8	33	33	33*	33*	33*	33*
42	27.2	31.1	31.1	31.1*	31.1*	31.1*	31.1*
44	25.7	29.3	29.3	29.3*	29.3*	29.3*	29.3*
46	24.4	27.6	27.6	27.6*	27.6*	27.6*	27.6*
48	23.1	25.9	25.9	25.9*	25.9*	25.9*	25.9*
50	21.9	24.3	24.3	24.3*	24.3*	24.3*	24.3*
52	20.9	22.9	22.9	22.9*	22.9*	22.9*	22.9*
54	19.8	21.5	21.5	21.5*	21.5*	21.5*	21.5*
56	18.9	20.2	20.2	20.2*	20.2*	20.2*	20.2*


Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



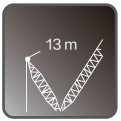
# SHW

## Boom Length 84m Jib Length 84m

 m	0	40	80	120	160	200	230
34	24.6	24.6	24.6*	24.6*	24.6*	24.6*	24.6*
36	24	24	24*	24*	24*	24*	24*
38	23.4	23.4	23.4*	23.4*	23.4*	23.4*	23.4*
40	22.7	22.7	22.7*	22.7*	22.7*	22.7*	22.7*
42	21.3	22	22*	22*	22*	22*	22*
44	20	21.2	21.2*	21.2*	21.2*	21.2*	21.2*
46	18.8	20.4	20.4*	20.4*	20.4*	20.4*	20.4*
48	17.6	19.6	19.6*	19.6*	19.6*	19.6*	19.6*
50	16.6	18.9	18.9*	18.9*	18.9*	18.9*	18.9*
52	15.6	18.1	18.1	18.1*	18.1*	18.1*	18.1*
54	14.7	17.3	17.3	17.3*	17.3*	17.3*	17.3*
56	13.8	16.5	16.5	16.5*	16.5*	16.5*	16.5*
58	13	15.8	15.8	15.8*	15.8*	15.8*	15.8*
60	12.2	15	15	15*	15*	15*	15*
62	11.5	14.3	14.3	14.3*	14.3*	14.3*	14.3*
64	10.8	13.6	13.6	13.6*	13.6*	13.6*	13.6*
66	10.2	12.9	12.9	12.9*	12.9*	12.9*	12.9*
68	9.5	12.3	12.3	12.3*	12.3*	12.3*	12.3*
70	9	11.7	11.7	11.7*	11.7*	11.7*	11.7*
72	8.4	11.1	11.1	11.1*	11.1*	11.1*	11.1*
74	7.9	10.5	10.5	10.5*	10.5*	10.5*	10.5*
76	7.4	10	10	10*	10*	10*	10*
78	6.9	9.4	9.4	9.4*	9.4*	9.4*	9.4*
80	6.4	8.9	8.9	8.9*	8.9*	8.9*	8.9*
82	6	8.5	8.5	8.5*	8.5*	8.5*	8.5*

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



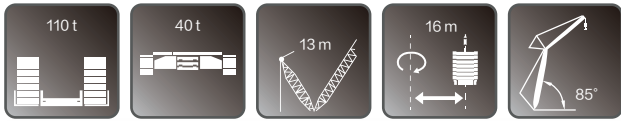
**SHW**

**Boom Length 36m**  
**Jib Length 24m**

	0	40	80	120	160	200	230
14	133.7	176.2	218.7	220	220	220*	220*
16	116.9	154.4	191.8	220	220	220	220*
18	103.8	137.3	169.7	211.4	211.4	211.4	211.4*
20	93	121.6	150.3	182	182	182	182*
22	83.2	109	134.9	159.7	159.7	159.7	159.7*
24	75.1	98.5	122	142.2	142.2	142.2	142.2*
26	67.5	88.9	110.2	128	128	128	128*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



# SHW **Boom Length 36m** **Jib Length 54m**

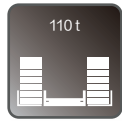
	0	40	80	120	160	200	230
22	72.6	86.1	86.1	86.1*	86.1*	86.1*	86.1*
24	66.5	85.7	85.7	85.7	85.7*	85.7*	85.7*
26	61.2	82.8	85.2	85.2	85.2*	85.2*	85.2*
28	56.7	76.5	84.2	84.2	84.2*	84.2*	84.2*
30	52.6	70.7	81.1	81.1	81.1	81.1*	81.1*
32	49	65.6	77.8	77.8	77.8	77.8*	77.8*
34	45.5	61.1	74.3	74.3	74.3	74.3*	74.3*
36	42.3	57	70.8	70.8	70.8	70.8*	70.8*
38	39.3	53.1	66.9	67.3	67.3	67.3*	67.3*
40	36.6	49.6	62.7	63.8	63.8	63.8*	63.8*
42	34.2	46.5	58.9	60.3	60.3	60.3*	60.3*
44	32	43.7	55.5	56.9	56.9	56.9*	56.9*
46	30	41.2	52.4	53.6	53.6	53.6*	53.6*
48	28.2	38.9	49.5	50.5	50.5	50.5*	50.5*
50	26.5	36.8	47	47.5	47.5	47.5*	47.5*
52	25	34.8	44.6	44.6	44.6	44.6*	44.6*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.


# Operation modes and lifting performances

XGC400-I



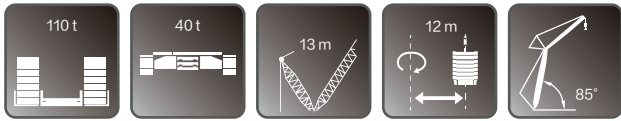
SHW

**Boom Length 36m**  
**Jib Length 84m**

 m	0	40	80	120	160	200	230
30	38.8	38.8	38.8	38.8*	38.8*	38.8*	38.8*
32	38.5	38.5	38.5	38.5*	38.5*	38.5*	38.5*
34	38.2	38.2	38.2	38.2*	38.2*	38.2*	38.2*
36	36.5	37.9	37.9	37.9*	37.9*	37.9*	37.9*
38	34.2	37.5	37.5	37.5*	37.5*	37.5*	37.5*
40	32.1	37.2	37.2	37.2*	37.2*	37.2*	37.2*
42	30.2	36.9	36.9	36.9	36.9*	36.9*	36.9*
44	28.4	36.6	36.6	36.6	36.6*	36.6*	36.6*
46	26.8	36.3	36.3	36.3	36.3*	36.3*	36.3*
48	25.3	35.5	35.5	35.5	35.5*	35.5*	35.5*
50	23.8	34	34.6	34.6	34.6*	34.6*	34.6*
52	22.3	32.1	33.7	33.7	33.7*	33.7*	33.7*
54	21	30.4	32.7	32.7	32.7*	32.7*	32.7*
56	19.7	28.7	31.7	31.7	31.7*	31.7*	31.7*
58	18.5	27.2	30.7	30.7	30.7*	30.7*	30.7*
60	17.4	25.8	29.7	29.7	29.7*	29.7*	29.7*
62	16.4	24.5	28.7	28.7	28.7	28.7*	28.7*
64	15.4	23.3	27.8	27.8	27.8	27.8*	27.8*
66	14.5	22.1	26.8	26.8	26.8	26.8*	26.8*
68	13.7	21	25.8	25.8	25.8	25.8*	25.8*
70	12.9	20	24.9	24.9	24.9	24.9*	24.9*
72	12.1	19	23.9	23.9	23.9	23.9*	23.9*
74	11.4	18.1	23	23	23	23*	23*
76	10.7	17.3	22.1	22.1	22.1	22.1*	22.1*
78	10.1	16.5	21.3	21.3	21.3	21.3*	21.3*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



## SHW **Boom Length 60m** **Jib Length 24m**

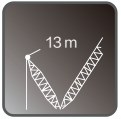
m	0	40	80	120	160	200	230
16	99.7	133.5	151.5	151.5	151.5*	151.5*	151.5*
18	89.3	119.9	140.7	140.7	140.7*	140.7*	140.7*
20	80.8	108.7	129.2	129.2	129.2*	129.2*	129.2*
22	73.7	99.3	117.8	117.8	117.8*	117.8*	117.8*
24	67.7	91.4	106.8	106.8	106.8	106.8*	106.8*
26	62.5	84.7	96.6	96.6	96.6*	96.6*	96.6*
28	58	78.7	87.3	87.3	87.3*	87.3*	87.3*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

# Operation modes and lifting performances

XGC400-I



SHW

**Boom Length 60m**  
**Jib Length 54m**


	0	40	80	120	160	200	230
24	57.8	67.4	67.4	67.4*	67.4*	67.4*	67.4*
26	53.4	65.8	65.8	65.8*	65.8*	65.8*	65.8*
28	49.5	63.2	63.2	63.2*	63.2*	63.2*	63.2*
30	46.1	60.3	60.3	60.3	60.3*	60.3*	60.3*
32	43	57.4	57.4	57.4	57.4*	57.4*	57.4*
34	40.3	54.3	54.3	54.3	54.3*	54.3*	54.3*
36	37.9	51.3	51.3	51.3	51.3*	51.3*	51.3*
38	35.6	48.3	48.3	48.3	48.3*	48.3*	48.3*
40	33.6	45.4	45.4	45.4	45.4*	45.4*	45.4*
42	31.8	42.6	42.6	42.6	42.6*	42.6*	42.6*
44	30.1	39.9	39.9	39.9	39.9*	39.9*	39.9*
46	28.5	37.4	37.4	37.4	37.4*	37.4*	37.4*
48	27.1	35	35	35	35*	35*	35*
50	25.7	32.7	32.7	32.7	32.7*	32.7*	32.7*
52	24.3	30.6	30.6	30.6	30.6*	30.6*	30.6*
54	22.9	28.6	28.6	28.6	28.6*	28.6*	28.6*

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

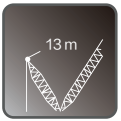


# SHW **Boom Length 60m** **Jib Length 84m**

 m	0	40	80	120	160	200	230
32	32.8	32.8	32.8	32.8*	32.8*	32.8*	32.8*
34	32.7	32.7	32.7	32.7*	32.7*	32.7*	32.7*
36	31.4	32.5	32.5	32.5*	32.5*	32.5*	32.5*
38	29.4	32	32	32*	32*	32*	32*
40	27.5	31.1	31.1	31.1*	31.1*	31.1*	31.1*
42	25.9	30.2	30.2	30.2*	30.2*	30.2*	30.2*
44	24.3	29.2	29.2	29.2*	29.2*	29.2*	29.2*
46	22.9	28.3	28.3	28.3*	28.3*	28.3*	28.3*
48	21.6	27.3	27.3	27.3*	27.3*	27.3*	27.3*
50	20.4	26.2	26.2	26.2*	26.2*	26.2*	26.2*
52	19.2	25.2	25.2	25.2	25.2*	25.2*	25.2*
54	18.2	24.2	24.2	24.2	24.2*	24.2*	24.2*
56	17.2	23.2	23.2	23.2	23.2*	23.2*	23.2*
58	16.2	22.2	22.2	22.2	22.2*	22.2*	22.2*
60	15.3	21.2	21.2	21.2	21.2*	21.2*	21.2*
62	14.5	20.3	20.3	20.3	20.3*	20.3*	20.3*
64	13.7	19.4	19.4	19.4	19.4*	19.4*	19.4*
66	13	18.5	18.5	18.5	18.5*	18.5*	18.5*
68	12.3	17.6	17.6	17.6	17.6*	17.6*	17.6*
70	11.6	16.7	16.7	16.7	16.7*	16.7*	16.7*
72	11	15.9	15.9	15.9	15.9*	15.9*	15.9*
74	10.4	15.2	15.2	15.2	15.2*	15.2*	15.2*
76	9.8	14.4	14.4	14.4	14.4*	14.4*	14.4*
78	9.3	13.7	13.7	13.7	13.7*	13.7*	13.7*
80	8.7	13	13	13	13*	13*	13*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SHW**

**Boom Length 84m**  
**Jib Length 24m**

	0	40	80	120	160	200	230
18	75.4	91.5	91.5	91.5*	91.5*	91.5*	91.5*
20	68.6	86.3	86.3	86.3*	86.3*	86.3*	86.3*
22	62.9	80.7	80.7	80.7*	80.7*	80.7*	80.7*
24	58	74.9	74.9	74.9*	74.9*	74.9*	74.9*
26	53.7	69.4	69.4	69.4*	69.4*	69.4*	69.4*
28	50	64.1	64.1	64.1*	64.1*	64.1*	64.1*
30	46.7	59.1	59.1	59.1*	59.1*	59.1*	59.1*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

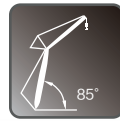
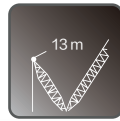
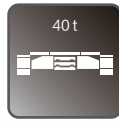
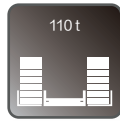


# SHW **Boom Length 84m** **Jib Length 60m**

	0	40	80	120	160	200	230
28	40.1	40.6	40.6	40.6*	40.6*	40.6*	40.6*
30	37.4	39.3	39.3	39.3*	39.3*	39.3*	39.3*
32	34.9	37.7	37.7	37.7*	37.7*	37.7*	37.7*
34	32.7	36.1	36.1	36.1*	36.1*	36.1*	36.1*
36	30.6	34.5	34.5	34.5*	34.5*	34.5*	34.5*
38	28.8	32.8	32.8	32.8*	32.8*	32.8*	32.8*
40	27.1	31.2	31.2	31.2*	31.2*	31.2*	31.2*
42	25.6	29.6	29.6	29.6*	29.6*	29.6*	29.6*
44	24.1	28	28	28*	28*	28*	28*
46	22.8	26.4	26.4	26.4*	26.4*	26.4*	26.4*
48	21.6	24.9	24.9	24.9*	24.9*	24.9*	24.9*
50	20.5	23.5	23.5	23.5*	23.5*	23.5*	23.5*
52	19.4	22.2	22.2	22.2*	22.2*	22.2*	22.2*
54	18.4	20.9	20.9	20.9*	20.9*	20.9*	20.9*
56	17.5	19.7	19.7	19.7*	19.7*	19.7*	19.7*
58	16.6	18.5	18.5	18.5*	18.5*	18.5*	18.5*
60	15.8	17.4	17.4	17.4*	17.4*	17.4*	17.4*
62	15	16.4	16.4	16.4*	16.4*	16.4*	16.4*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



## SHW

## Boom Length 84m Jib Length 84m

	0	40	80	120	160	200	230
34	24.6	24.6	24.6*	24.6*	24.6*	24.6*	24.6*
36	24	24	24*	24*	24*	24*	24*
38	23.4	23.4	23.4	23.4*	23.4*	23.4*	23.4*
40	22.5	22.7	22.7	22.7*	22.7*	22.7*	22.7*
42	21.1	22	22	22*	22*	22*	22*
44	19.8	21.2	21.2	21.2*	21.2*	21.2*	21.2*
46	18.6	20.4	20.4	20.4*	20.4*	20.4*	20.4*
48	17.5	19.6	19.6	19.6*	19.6*	19.6*	19.6*
50	16.4	18.9	18.9	18.9*	18.9*	18.9*	18.9*
52	15.4	18.1	18.1	18.1*	18.1*	18.1*	18.1*
54	14.5	17.3	17.3	17.3*	17.3*	17.3*	17.3*
56	13.7	16.5	16.5	16.5*	16.5*	16.5*	16.5*
58	12.8	15.8	15.8	15.8*	15.8*	15.8*	15.8*
60	12.1	15	15	15*	15*	15*	15*
62	11.4	14.3	14.3	14.3*	14.3*	14.3*	14.3*
64	10.7	13.6	13.6	13.6*	13.6*	13.6*	13.6*
66	10	12.9	12.9	12.9*	12.9*	12.9*	12.9*
68	9.4	12.3	12.3	12.3*	12.3*	12.3*	12.3*
70	8.8	11.7	11.7	11.7*	11.7*	11.7*	11.7*
72	8.3	11.1	11.1	11.1*	11.1*	11.1*	11.1*
74	7.8	10.5	10.5	10.5*	10.5*	10.5*	10.5*
76	7.2	10	10	10*	10*	10*	10*
78	6.8	9.4	9.4	9.4*	9.4*	9.4*	9.4*
80	6.3	8.9	8.9	8.9*	8.9*	8.9*	8.9*
82	5.9	8.5	8.5	8.5*	8.5*	8.5*	8.5*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

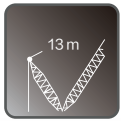
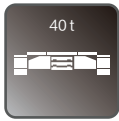


# SHW **Boom Length 36m** **Jib Length 24m**

m	0	40	80	120	160	200	210
14	147.8	201.2	220	220	220*	220*	220*
16	129.4	176.4	218.9	220	220	220*	220*
18	114.9	156.2	194.1	211.4	211.4	211.4*	211.4*
20	102.5	138.3	174.2	182	182	182*	182*
22	91.7	124	156.4	159.7	159.7	159.7*	159.7*
24	82.8	112.2	141.5	142.2	142.2	142.2*	142.2*
26	74.6	101.3	127.9	128	128	128*	128*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



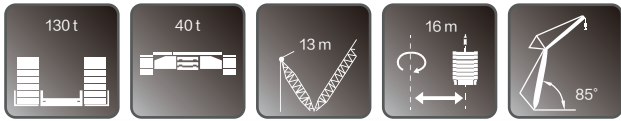
**SHW**

**Boom Length 36m  
Jib Length 54m**

	0	40	80	120	160	200	210
22	80.9	86.1	86.1	86.1*	86.1*	86.1*	86.1*
24	74.2	85.7	85.7	85.7*	85.7*	85.7*	85.7*
26	68.4	85.2	85.2	85.2*	85.2*	85.2*	85.2*
28	63.4	84.2	84.2	84.2	84.2*	84.2*	84.2*
30	58.8	81.1	81.1	81.1	81.1*	81.1*	81.1*
32	54.5	75.3	77.8	77.8	77.8*	77.8*	77.8*
34	50.7	70.3	74.3	74.3	74.3*	74.3*	74.3*
36	47.1	65.5	70.8	70.8	70.8*	70.8*	70.8*
38	43.8	61.1	67.3	67.3	67.3*	67.3*	67.3*
40	40.9	57.2	63.8	63.8	63.8*	63.8*	63.8*
42	38.3	53.7	60.3	60.3	60.3*	60.3*	60.3*
44	35.9	50.6	56.9	56.9	56.9*	56.9*	56.9*
46	33.7	47.7	53.6	53.6	53.6*	53.6*	53.6*
48	31.7	45.1	50.5	50.5	50.5*	50.5*	50.5*
50	29.9	42.7	47.5	47.5	47.5*	47.5*	47.5*
52	28.2	40.5	44.6	44.6	44.6*	44.6*	44.6*


**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



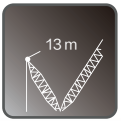
**SHW**

**Boom Length 36m  
Jib Length 84m**

 m	0	40	80	120	160	200	210
30	38.8	38.8	38.8*	38.8*	38.8*	38.8*	38.8*
32	38.5	38.5	38.5*	38.5*	38.5*	38.5*	38.5*
34	38.2	38.2	38.2*	38.2*	38.2*	38.2*	38.2*
36	37.9	37.9	37.9	37.9*	37.9*	37.9*	37.9*
38	37.5	37.5	37.5	37.5*	37.5*	37.5*	37.5*
40	36.7	37.2	37.2	37.2*	37.2*	37.2*	37.2*
42	34.6	36.9	36.9	36.9*	36.9*	36.9*	36.9*
44	32.6	36.6	36.6	36.6*	36.6*	36.6*	36.6*
46	30.8	36.3	36.3	36.3*	36.3*	36.3*	36.3*
48	29	35.5	35.5	35.5*	35.5*	35.5*	35.5*
50	27.2	34.6	34.6	34.6*	34.6*	34.6*	34.6*
52	25.6	33.7	33.7	33.7*	33.7*	33.7*	33.7*
54	24.1	32.7	32.7	32.7	32.7*	32.7*	32.7*
56	22.7	31.7	31.7	31.7	31.7*	31.7*	31.7*
58	21.4	30.7	30.7	30.7	30.7*	30.7*	30.7*
60	20.2	29.7	29.7	29.7	29.7*	29.7*	29.7*
62	19.1	28.7	28.7	28.7	28.7*	28.7*	28.7*
64	18	27.8	27.8	27.8	27.8*	27.8*	27.8*
66	17	26.5	26.8	26.8	26.8*	26.8*	26.8*
68	16.1	25.3	25.8	25.8	25.8*	25.8*	25.8*
70	15.2	24.1	24.9	24.9	24.9*	24.9*	24.9*
72	14.4	23.1	23.9	23.9	23.9*	23.9*	23.9*
74	13.6	22	23	23	23*	23*	23*
76	12.9	21.1	22.1	22.1	22.1*	22.1*	22.1*
78	12.2	20.1	21.3	21.3	21.3*	21.3*	21.3*

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SHW**

**Boom Length 60m  
Jib Length 24m**

	0	40	80	120	160	200	210
16	110.9	151.5	151.5	151.5*	151.5*	151.5*	151.5*
18	99.4	137.8	140.7	140.7*	140.7*	140.7*	140.7*
20	90	125.1	129.2	129.2	129.2*	129.2*	129.2*
22	82.2	114.4	117.8	117.8	117.8*	117.8*	117.8*
24	75.6	105.4	106.8	106.8	106.8*	106.8*	106.8*
26	69.9	96.6	96.6	96.6	96.6*	96.6*	96.6*
28	64.9	87.3	87.3	87.3	87.3*	87.3*	87.3*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



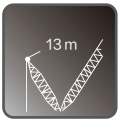
**SHW**

**Boom Length 60m  
Jib Length 60m**

 m	0	40	80	120	160	200	210
26	58	58.4	58.4	58.4*	58.4*	58.4*	58.4*
28	53.9	57.1	57.1	57.1*	57.1*	57.1*	57.1*
30	50.2	55	55	55*	55*	55*	55*
32	46.9	52.8	52.8	52.8*	52.8*	52.8*	52.8*
34	44	50.5	50.5	50.5*	50.5*	50.5*	50.5*
36	41.3	48.1	48.1	48.1*	48.1*	48.1*	48.1*
38	38.9	45.7	45.7	45.7*	45.7*	45.7*	45.7*
40	36.7	43.3	43.3	43.3*	43.3*	43.3*	43.3*
42	34.7	40.9	40.9	40.9*	40.9*	40.9*	40.9*
44	32.9	38.6	38.6	38.6*	38.6*	38.6*	38.6*
46	31.2	36.4	36.4	36.4*	36.4*	36.4*	36.4*
48	29.7	34.2	34.2	34.2*	34.2*	34.2*	34.2*
50	28.2	32.2	32.2	32.2*	32.2*	32.2*	32.2*
52	26.8	30.2	30.2	30.2*	30.2*	30.2*	30.2*
54	25.3	28.4	28.4	28.4*	28.4*	28.4*	28.4*
56	24	26.7	26.7	26.7*	26.7*	26.7*	26.7*
58	22.7	25	25	25*	25*	25*	25*
60	21.5	23.5	23.5	23.5*	23.5*	23.5*	23.5*


Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



## SHW

## Boom Length 60m Jib Length 84m

 m	0	40	80	120	160	200	210
32	32.8	32.8	32.8*	32.8*	32.8*	32.8*	32.8*
34	32.7	32.7	32.7*	32.7*	32.7*	32.7*	32.7*
36	32.5	32.5	32.5*	32.5*	32.5*	32.5*	32.5*
38	32	32	32*	32*	32*	32*	32*
40	31.1	31.1	31.1	31.1*	31.1*	31.1*	31.1*
42	30.1	30.2	30.2	30.2*	30.2*	30.2*	30.2*
44	28.4	29.2	29.2	29.2*	29.2*	29.2*	29.2*
46	26.8	28.3	28.3	28.3*	28.3*	28.3*	28.3*
48	25.4	27.3	27.3	27.3*	27.3*	27.3*	27.3*
50	24	26.2	26.2	26.2*	26.2*	26.2*	26.2*
52	22.8	25.2	25.2	25.2*	25.2*	25.2*	25.2*
54	21.6	24.2	24.2	24.2*	24.2*	24.2*	24.2*
56	20.5	23.2	23.2	23.2*	23.2*	23.2*	23.2*
58	19.4	22.2	22.2	22.2*	22.2*	22.2*	22.2*
60	18.5	21.2	21.2	21.2*	21.2*	21.2*	21.2*
62	17.5	20.3	20.3	20.3*	20.3*	20.3*	20.3*
64	16.7	19.4	19.4	19.4*	19.4*	19.4*	19.4*
66	15.9	18.5	18.5	18.5*	18.5*	18.5*	18.5*
68	15.1	17.6	17.6	17.6*	17.6*	17.6*	17.6*
70	14.3	16.7	16.7	16.7*	16.7*	16.7*	16.7*
72	13.6	15.9	15.9	15.9*	15.9*	15.9*	15.9*
74	13	15.2	15.2	15.2*	15.2*	15.2*	15.2*
76	12.3	14.4	14.4	14.4*	14.4*	14.4*	14.4*
78	11.6	13.7	13.7	13.7*	13.7*	13.7*	13.7*
80	11	13	13	13*	13*	13*	13*

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

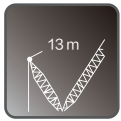
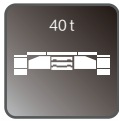


# SHW **Boom Length 84m** **Jib Length 24m**

	0	40	80	120	160	200	210
18	84.7	91.5	91.5*	91.5*	91.5*	91.5*	91.5*
20	77.2	86.3	86.3	86.3*	86.3*	86.3*	86.3*
22	70.8	80.7	80.7	80.7*	80.7*	80.7*	80.7*
24	65.3	74.9	74.9	74.9*	74.9*	74.9*	74.9*
26	60.6	69.4	69.4	69.4*	69.4*	69.4*	69.4*
28	56.5	64.1	64.1	64.1*	64.1*	64.1*	64.1*
30	52.8	59.1	59.1	59.1*	59.1*	59.1*	59.1*


**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



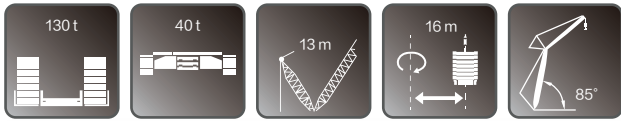
**SHW**

**Boom Length 84m  
Jib Length 60m**


 m	0	40	80	120	160	200	210
28	40.6	40.6	40.6*	40.6*	40.6*	40.6*	40.6*
30	39.3	39.3	39.3*	39.3*	39.3*	39.3*	39.3*
32	37.7	37.7	37.7*	37.7*	37.7*	37.7*	37.7*
34	36.1	36.1	36.1*	36.1*	36.1*	36.1*	36.1*
36	34.5	34.5	34.5*	34.5*	34.5*	34.5*	34.5*
38	32.8	32.8	32.8*	32.8*	32.8*	32.8*	32.8*
40	31.2	31.2	31.2	31.2*	31.2*	31.2*	31.2*
42	29.6	29.6	29.6	29.6*	29.6*	29.6*	29.6*
44	28	28	28	28*	28*	28*	28*
46	26.4	26.4	26.4	26.4*	26.4*	26.4*	26.4*
48	24.9	24.9	24.9	24.9*	24.9*	24.9*	24.9*
50	23.5	23.5	23.5	23.5*	23.5*	23.5*	23.5*
52	22.2	22.2	22.2	22.2*	22.2*	22.2*	22.2*
54	20.9	20.9	20.9	20.9*	20.9*	20.9*	20.9*
56	19.7	19.7	19.7	19.7*	19.7*	19.7*	19.7*
58	18.5	18.5	18.5	18.5*	18.5*	18.5*	18.5*
60	17.4	17.4	17.4	17.4*	17.4*	17.4*	17.4*
62	16.4	16.4	16.4	16.4*	16.4*	16.4*	16.4*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

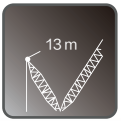


# SHW **Boom Length 84m** **Jib Length 84m**

 m	0	40	80	120	160	200	210
34	24.6	24.6	24.6*	24.6*	24.6*	24.6*	24.6*
36	24	24	24*	24*	24*	24*	24*
38	23.4	23.4	23.4*	23.4*	23.4*	23.4*	23.4*
40	22.7	22.7	22.7*	22.7*	22.7*	22.7*	22.7*
42	22	22	22*	22*	22*	22*	22*
44	21.2	21.2	21.2*	21.2*	21.2*	21.2*	21.2*
46	20.4	20.4	20.4*	20.4*	20.4*	20.4*	20.4*
48	19.6	19.6	19.6*	19.6*	19.6*	19.6*	19.6*
50	18.9	18.9	18.9*	18.9*	18.9*	18.9*	18.9*
52	18.1	18.1	18.1	18.1*	18.1*	18.1*	18.1*
54	17.3	17.3	17.3	17.3*	17.3*	17.3*	17.3*
56	16.5	16.5	16.5	16.5*	16.5*	16.5*	16.5*
58	15.8	15.8	15.8	15.8*	15.8*	15.8*	15.8*
60	15	15	15	15*	15*	15*	15*
62	14.3	14.3	14.3	14.3*	14.3*	14.3*	14.3*
64	13.5	13.6	13.6	13.6*	13.6*	13.6*	13.6*
66	12.8	12.9	12.9	12.9*	12.9*	12.9*	12.9*
68	12.1	12.3	12.3	12.3*	12.3*	12.3*	12.3*
70	11.5	11.7	11.7	11.7*	11.7*	11.7*	11.7*
72	10.9	11.1	11.1	11.1*	11.1*	11.1*	11.1*
74	10.3	10.5	10.5	10.5*	10.5*	10.5*	10.5*
76	9.7	10	10	10*	10*	10*	10*
78	9.2	9.4	9.4	9.4*	9.4*	9.4*	9.4*
80	8.7	8.9	8.9	8.9*	8.9*	8.9*	8.9*
82	8.2	8.5	8.5	8.5*	8.5*	8.5*	8.5*


**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



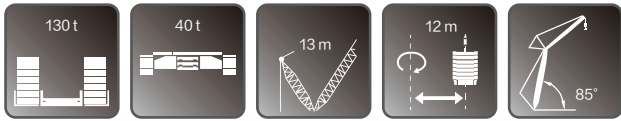
**SHW**

**Boom Length 36m  
Jib Length 24m**

	0	40	80	120	160	200	210
14	147.2	189.7	220	220	220	220*	220*
16	128.8	166.3	202.3	220	220	220	220*
18	114.5	147.6	179.3	207.9	211.4	211.4	211.4
20	102	130.7	159.4	182	182	182	182
22	91.3	117.2	143	159.7	159.7	159.7	159.7
24	82.5	106	129.4	142.2	142.2	142.2	142.2
26	74.3	95.6	116.9	128	128	128	128

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SHW**

**Boom Length 36m  
Jib Length 54m**

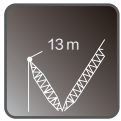
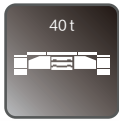
	0	40	80	120	160	200	210
22	80.5	86.1	86.1	86.1*	86.1*	86.1*	86.1*
24	73.8	85.7	85.7	85.7	85.7*	85.7*	85.7*
26	68.1	85.2	85.2	85.2	85.2*	85.2*	85.2*
28	63.1	82.6	84.2	84.2	84.2*	84.2*	84.2*
30	58.5	76.3	81.1	81.1	81.1	81.1*	81.1*
32	54.2	70.9	77.8	77.8	77.8	77.8*	77.8*
34	50.4	66.1	74.3	74.3	74.3	74.3*	74.3*
36	46.9	61.6	70.8	70.8	70.8	70.8*	70.8*
38	43.6	57.4	67.3	67.3	67.3	67.3*	67.3*
40	40.7	53.7	63.8	63.8	63.8	63.8*	63.8*
42	38.1	50.4	60.3	60.3	60.3	60.3*	60.3*
44	35.7	47.4	56.9	56.9	56.9	56.9*	56.9*
46	33.5	44.7	53.6	53.6	53.6	53.6*	53.6*
48	31.6	42.3	50.5	50.5	50.5	50.5*	50.5*
50	29.8	40	47.5	47.5	47.5	47.5*	47.5*
52	28.1	37.9	44.6	44.6	44.6	44.6*	44.6*

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.


# Operation modes and lifting performances

XGC400-I



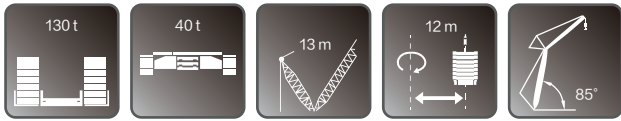
SHW

**Boom Length 36m**  
**Jib Length 84m**

	0	40	80	120	160	200	210
30	38.8	38.8	38.8	38.8*	38.8*	38.8*	38.8*
32	38.5	38.5	38.5	38.5*	38.5*	38.5*	38.5*
34	38.2	38.2	38.2	38.2*	38.2*	38.2*	38.2*
36	37.9	37.9	37.9	37.9*	37.9*	37.9*	37.9*
38	37.5	37.5	37.5	37.5*	37.5*	37.5*	37.5*
40	36.5	37.2	37.2	37.2*	37.2*	37.2*	37.2*
42	34.4	36.9	36.9	36.9	36.9*	36.9*	36.9*
44	32.4	36.6	36.6	36.6	36.6*	36.6*	36.6*
46	30.6	36.3	36.3	36.3	36.3*	36.3*	36.3*
48	28.8	35.5	35.5	35.5	35.5*	35.5*	35.5*
50	27.1	34.6	34.6	34.6	34.6*	34.6*	34.6*
52	25.4	33.7	33.7	33.7	33.7*	33.7*	33.7*
54	23.9	32.7	32.7	32.7	32.7*	32.7*	32.7*
56	22.6	31.6	31.7	31.7	31.7*	31.7*	31.7*
58	21.3	30	30.7	30.7	30.7*	30.7*	30.7*
60	20.1	28.5	29.7	29.7	29.7*	29.7*	29.7*
62	19	27.1	28.7	28.7	28.7	28.7*	28.7*
64	17.9	25.7	27.8	27.8	27.8	27.8*	27.8*
66	16.9	24.5	26.8	26.8	26.8	26.8*	26.8*
68	16	23.4	25.8	25.8	25.8	25.8*	25.8*
70	15.1	22.3	24.9	24.9	24.9	24.9*	24.9*
72	14.3	21.2	23.9	23.9	23.9	23.9*	23.9*
74	13.6	20.3	23	23	23	23*	23*
76	12.8	19.3	22.1	22.1	22.1	22.1*	22.1*
78	12.1	18.5	21.3	21.3	21.3	21.3*	21.3*

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



## SHW **Boom Length 60m** **Jib Length 24m**

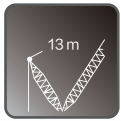
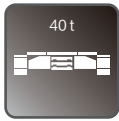
m	0	40	80	120	160	200	210
16	110.4	144.2	151.5	151.5	151.5*	151.5*	151.5*
18	99	129.5	140.7	140.7	140.7*	140.7*	140.7*
20	89.6	117.5	129.2	129.2	129.2*	129.2*	129.2*
22	81.8	107.5	117.8	117.8	117.8*	117.8*	117.8*
24	75.2	99	106.8	106.8	106.8	106.8*	106.8*
26	69.5	91.7	96.6	96.6	96.6*	96.6*	96.6*
28	64.6	84.8	87.3	87.3	87.3*	87.3*	87.3*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.


# Operation modes and lifting performances

XGC400-I



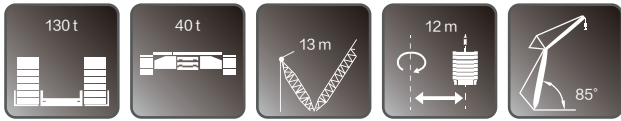
SHW

**Boom Length 60m**  
**Jib Length 54m**

 m	0	40	80	120	160	200	210
24	64.7	67.4	67.4	67.4*	67.4*	67.4*	67.4*
26	59.8	65.8	65.8	65.8*	65.8*	65.8*	65.8*
28	55.5	63.2	63.2	63.2*	63.2*	63.2*	63.2*
30	51.8	60.3	60.3	60.3	60.3*	60.3*	60.3*
32	48.4	57.4	57.4	57.4	57.4*	57.4*	57.4*
34	45.4	54.3	54.3	54.3	54.3*	54.3*	54.3*
36	42.7	51.3	51.3	51.3	51.3*	51.3*	51.3*
38	40.3	48.3	48.3	48.3	48.3*	48.3*	48.3*
40	38.1	45.4	45.4	45.4	45.4*	45.4*	45.4*
42	36	42.6	42.6	42.6	42.6*	42.6*	42.6*
44	34.2	39.9	39.9	39.9	39.9*	39.9*	39.9*
46	32.5	37.4	37.4	37.4	37.4*	37.4*	37.4*
48	30.8	35	35	35	35*	35*	35*
50	29	32.7	32.7	32.7	32.7*	32.7*	32.7*
52	27.4	30.6	30.6	30.6	30.6*	30.6*	30.6*
54	25.9	28.6	28.6	28.6	28.6*	28.6*	28.6*


Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



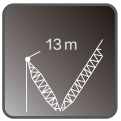
**SHW**

**Boom Length 60m  
Jib Length 84m**

 m	0	40	80	120	160	200	210
32	32.8	32.8	32.8	32.8*	32.8*	32.8*	32.8*
34	32.7	32.7	32.7	32.7*	32.7*	32.7*	32.7*
36	32.5	32.5	32.5	32.5*	32.5*	32.5*	32.5*
38	32	32	32	32*	32*	32*	32*
40	31.1	31.1	31.1	31.1*	31.1*	31.1*	31.1*
42	29.9	30.2	30.2	30.2*	30.2*	30.2*	30.2*
44	28.2	29.2	29.2	29.2*	29.2*	29.2*	29.2*
46	26.7	28.3	28.3	28.3*	28.3*	28.3*	28.3*
48	25.2	27.3	27.3	27.3*	27.3*	27.3*	27.3*
50	23.9	26.2	26.2	26.2*	26.2*	26.2*	26.2*
52	22.6	25.2	25.2	25.2	25.2*	25.2*	25.2*
54	21.4	24.2	24.2	24.2	24.2*	24.2*	24.2*
56	20.3	23.2	23.2	23.2	23.2*	23.2*	23.2*
58	19.3	22.2	22.2	22.2	22.2*	22.2*	22.2*
60	18.3	21.2	21.2	21.2	21.2*	21.2*	21.2*
62	17.4	20.3	20.3	20.3	20.3*	20.3*	20.3*
64	16.5	19.4	19.4	19.4	19.4*	19.4*	19.4*
66	15.7	18.5	18.5	18.5	18.5*	18.5*	18.5*
68	15	17.6	17.6	17.6	17.6*	17.6*	17.6*
70	14.2	16.7	16.7	16.7	16.7*	16.7*	16.7*
72	13.5	15.9	15.9	15.9	15.9*	15.9*	15.9*
74	12.9	15.2	15.2	15.2	15.2*	15.2*	15.2*
76	12.2	14.4	14.4	14.4	14.4*	14.4*	14.4*
78	11.5	13.7	13.7	13.7	13.7*	13.7*	13.7*
80	10.9	13	13	13	13*	13*	13*


Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



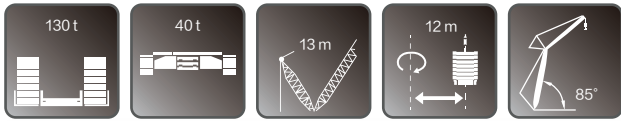
**SHW**

**Boom Length 84m**  
**Jib Length 24m**

	0	40	80	120	160	200	210
18	84.3	91.5	91.5	91.5*	91.5*	91.5*	91.5*
20	76.8	86.3	86.3	86.3*	86.3*	86.3*	86.3*
22	70.4	80.7	80.7	80.7*	80.7*	80.7*	80.7*
24	65	74.9	74.9	74.9*	74.9*	74.9*	74.9*
26	60.3	69.4	69.4	69.4*	69.4*	69.4*	69.4*
28	56.2	64.1	64.1	64.1*	64.1*	64.1*	64.1*
30	52.5	59.1	59.1	59.1*	59.1*	59.1*	59.1*


**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



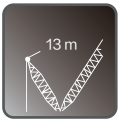
# SHW

## Boom Length 84m Jib Length 84m

 m	0	40	80	120	160	200	210
34	24.6	24.6	24.6*	24.6*	24.6*	24.6*	24.6*
36	24	24	24*	24*	24*	24*	24*
38	23.4	23.4	23.4	23.4*	23.4*	23.4*	23.4*
40	22.7	22.7	22.7	22.7*	22.7*	22.7*	22.7*
42	22	22	22	22*	22*	22*	22*
44	21.2	21.2	21.2	21.2*	21.2*	21.2*	21.2*
46	20.4	20.4	20.4	20.4*	20.4*	20.4*	20.4*
48	19.6	19.6	19.6	19.6*	19.6*	19.6*	19.6*
50	18.9	18.9	18.9	18.9*	18.9*	18.9*	18.9*
52	18.1	18.1	18.1	18.1*	18.1*	18.1*	18.1*
54	17.3	17.3	17.3	17.3*	17.3*	17.3*	17.3*
56	16.5	16.5	16.5	16.5*	16.5*	16.5*	16.5*
58	15.8	15.8	15.8	15.8*	15.8*	15.8*	15.8*
60	15	15	15	15*	15*	15*	15*
62	14.2	14.3	14.3	14.3*	14.3*	14.3*	14.3*
64	13.4	13.6	13.6	13.6*	13.6*	13.6*	13.6*
66	12.7	12.9	12.9	12.9*	12.9*	12.9*	12.9*
68	12	12.3	12.3	12.3*	12.3*	12.3*	12.3*
70	11.4	11.7	11.7	11.7*	11.7*	11.7*	11.7*
72	10.8	11.1	11.1	11.1*	11.1*	11.1*	11.1*
74	10.2	10.5	10.5	10.5*	10.5*	10.5*	10.5*
76	9.6	10	10	10*	10*	10*	10*
78	9.1	9.4	9.4	9.4*	9.4*	9.4*	9.4*
80	8.6	8.9	8.9	8.9*	8.9*	8.9*	8.9*
82	8.1	8.5	8.5	8.5*	8.5*	8.5*	8.5*

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



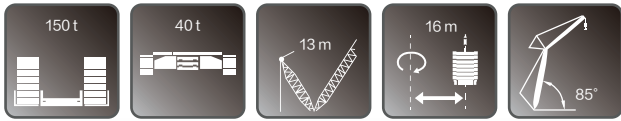
**SHW**

**Boom Length 36m  
Jib Length 24m**


	0	40	80	120	160	190
14	156.2	203.5	220	220	220*	220*
16	136	177.5	218.9	220	220	220*
18	120.3	157.2	194.1	211.4	211.4	211.4*
20	107.7	141	174.3	182	182	182*
22	97.3	127.7	157.3	159.7	159.7	159.7*
24	88.7	116.6	142.2	142.2	142.2	142.2*
26	81.3	107.1	128	128	128	128*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



# SHW **Boom Length 36m** **Jib Length 54m**

 m	0	40	80	120	160	190
22	86.1	86.1	86.1	86.1*	86.1*	86.1*
24	81.5	85.7	85.7	85.7*	85.7*	85.7*
26	74.8	85.2	85.2	85.2*	85.2*	85.2*
28	68.9	84.2	84.2	84.2	84.2*	84.2*
30	63.8	81.1	81.1	81.1	81.1*	81.1*
32	59.4	77.8	77.8	77.8	77.8*	77.8*
34	55.4	74.3	74.3	74.3	74.3*	74.3*
36	51.8	69.8	70.8	70.8	70.8*	70.8*
38	48.2	65.5	67.3	67.3	67.3*	67.3*
40	45	61.3	63.8	63.8	63.8*	63.8*
42	42.2	57.6	60.3	60.3	60.3*	60.3*
44	39.6	54.3	56.9	56.9	56.9*	56.9*
46	37.2	51.2	53.6	53.6	53.6*	53.6*
48	35.1	48.5	50.5	50.5	50.5*	50.5*
50	33.2	45.9	47.5	47.5	47.5*	47.5*
52	31.3	43.6	44.6	44.6	44.6*	44.6*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



## SHW

## Boom Length 36m Jib Length 84m

	0	40	80	120	160	190
30	38.8	38.8	38.8*	38.8*	38.8*	38.8*
32	38.5	38.5	38.5*	38.5*	38.5*	38.5*
34	38.2	38.2	38.2*	38.2*	38.2*	38.2*
36	37.9	37.9	37.9	37.9*	37.9*	37.9*
38	37.5	37.5	37.5	37.5*	37.5*	37.5*
40	37.2	37.2	37.2	37.2*	37.2*	37.2*
42	36.9	36.9	36.9	36.9*	36.9*	36.9*
44	36	36.6	36.6	36.6*	36.6*	36.6*
46	33.9	36.3	36.3	36.3*	36.3*	36.3*
48	31.9	35.5	35.5	35.5*	35.5*	35.5*
50	30.1	34.6	34.6	34.6*	34.6*	34.6*
52	28.5	33.7	33.7	33.7*	33.7*	33.7*
54	26.9	32.7	32.7	32.7	32.7*	32.7*
56	25.5	31.7	31.7	31.7	31.7*	31.7*
58	24.1	30.7	30.7	30.7	30.7*	30.7*
60	22.8	29.7	29.7	29.7	29.7*	29.7*
62	21.6	28.7	28.7	28.7	28.7*	28.7*
64	20.5	27.8	27.8	27.8	27.8*	27.8*
66	19.4	26.8	26.8	26.8	26.8*	26.8*
68	18.4	25.8	25.8	25.8	25.8*	25.8*
70	17.5	24.9	24.9	24.9	24.9*	24.9*
72	16.6	23.9	23.9	23.9	23.9*	23.9*
74	15.8	23	23	23	23*	23*
76	15	22.1	22.1	22.1	22.1*	22.1*
78	14.2	21.3	21.3	21.3	21.3*	21.3*

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

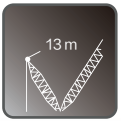


## SHW **Boom Length 60m** **Jib Length 24m**

m	0	40	80	120	160	190
16	121.6	151.5	151.5	151.5*	151.5*	151.5*
18	109.1	140.7	140.7	140.7*	140.7*	140.7*
20	98.9	129.2	129.2	129.2	129.2*	129.2*
22	90.3	117.8	117.8	117.8	117.8*	117.8*
24	83.1	106.8	106.8	106.8	106.8*	106.8*
26	76.9	96.6	96.6	96.6	96.6*	96.6*
28	71	87.3	87.3	87.3	87.3*	87.3*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



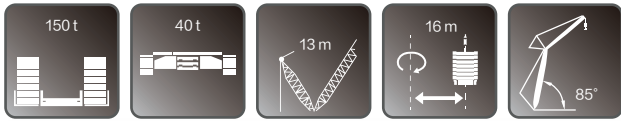
**SHW**

**Boom Length 60m  
Jib Length 54m**


	0	40	80	120	160	190
24	67.4	67.4	67.4	67.4*	67.4*	67.4*
26	65.8	65.8	65.8	65.8*	65.8*	65.8*
28	61.9	63.2	63.2	63.2*	63.2*	63.2*
30	57.8	60.3	60.3	60.3*	60.3*	60.3*
32	54.1	57.4	57.4	57.4*	57.4*	57.4*
34	50.8	54.3	54.3	54.3*	54.3*	54.3*
36	47.8	51.3	51.3	51.3*	51.3*	51.3*
38	45.2	48.3	48.3	48.3*	48.3*	48.3*
40	42.7	45.4	45.4	45.4*	45.4*	45.4*
42	40.5	42.6	42.6	42.6*	42.6*	42.6*
44	38.5	39.9	39.9	39.9*	39.9*	39.9*
46	36.4	37.4	37.4	37.4*	37.4*	37.4*
48	34.3	35	35	35*	35*	35*
50	32.4	32.7	32.7	32.7*	32.7*	32.7*
52	30.6	30.6	30.6	30.6*	30.6*	30.6*
54	28.6	28.6	28.6	28.6*	28.6*	28.6*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

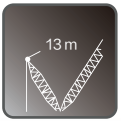


# SHW **Boom Length 60m** **Jib Length 84m**

 m	0	40	80	120	160	190
32	32.8	32.8	32.8*	32.8*	32.8*	32.8*
34	32.7	32.7	32.7*	32.7*	32.7*	32.7*
36	32.5	32.5	32.5*	32.5*	32.5*	32.5*
38	32	32	32*	32*	32*	32*
40	31.1	31.1	31.1	31.1*	31.1*	31.1*
42	30.2	30.2	30.2	30.2*	30.2*	30.2*
44	29.2	29.2	29.2	29.2*	29.2*	29.2*
46	28.3	28.3	28.3	28.3*	28.3*	28.3*
48	27.3	27.3	27.3	27.3*	27.3*	27.3*
50	26.2	26.2	26.2	26.2*	26.2*	26.2*
52	25.2	25.2	25.2	25.2*	25.2*	25.2*
54	24.2	24.2	24.2	24.2*	24.2*	24.2*
56	23.2	23.2	23.2	23.2*	23.2*	23.2*
58	22.2	22.2	22.2	22.2*	22.2*	22.2*
60	21.2	21.2	21.2	21.2*	21.2*	21.2*
62	20.3	20.3	20.3	20.3*	20.3*	20.3*
64	19.3	19.4	19.4	19.4*	19.4*	19.4*
66	18.3	18.5	18.5	18.5*	18.5*	18.5*
68	17.4	17.6	17.6	17.6*	17.6*	17.6*
70	16.5	16.7	16.7	16.7*	16.7*	16.7*
72	15.6	15.9	15.9	15.9*	15.9*	15.9*
74	14.8	15.2	15.2	15.2*	15.2*	15.2*
76	14	14.4	14.4	14.4*	14.4*	14.4*
78	13.3	13.7	13.7	13.7*	13.7*	13.7*
80	12.6	13	13	13*	13*	13*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



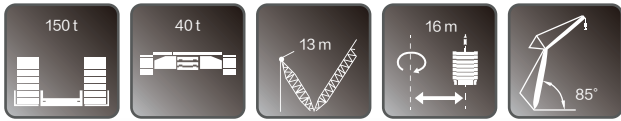
**SHW**

**Boom Length 84m**  
**Jib Length 24m**


	0	40	80	120	160	190
18	91.5	91.5	91.5*	91.5*	91.5*	91.5*
20	85.4	86.3	86.3	86.3*	86.3*	86.3*
22	78.4	80.7	80.7	80.7*	80.7*	80.7*
24	72.4	74.9	74.9	74.9*	74.9*	74.9*
26	67.2	69.4	69.4	69.4*	69.4*	69.4*
28	62.6	64.1	64.1	64.1*	64.1*	64.1*
30	58.6	59.1	59.1	59.1*	59.1*	59.1*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

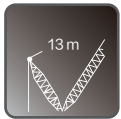
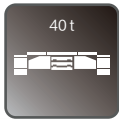


# SHW **Boom Length 84m** **Jib Length 54m**

 m	0	40	80	120	160	190
26	46.5	46.5	46.5*	46.5*	46.5*	46.5*
28	44.8	44.8	44.8*	44.8*	44.8*	44.8*
30	42.9	42.9	42.9*	42.9*	42.9*	42.9*
32	41	41	41*	41*	41*	41*
34	39	39	39*	39*	39*	39*
36	37	37	37	37*	37*	37*
38	35	35	35	35*	35*	35*
40	33	33	33	33*	33*	33*
42	31.1	31.1	31.1	31.1*	31.1*	31.1*
44	29.3	29.3	29.3	29.3*	29.3*	29.3*
46	27.6	27.6	27.6	27.6*	27.6*	27.6*
48	25.9	25.9	25.9	25.9*	25.9*	25.9*
50	24.3	24.3	24.3	24.3*	24.3*	24.3*
52	22.9	22.9	22.9	22.9*	22.9*	22.9*
54	21.5	21.5	21.5	21.5*	21.5*	21.5*
56	20.2	20.2	20.2	20.2*	20.2*	20.2*


**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



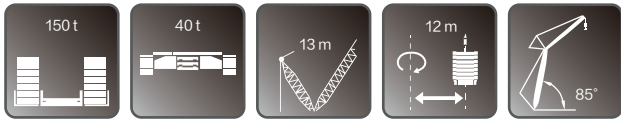
**SHW**

**Boom Length 84m**  
**Jib Length 84m**

 m	0	40	80	120	160	190
34	24.6	24.6	24.6*	24.6*	24.6*	24.6*
36	24	24	24*	24*	24*	24*
38	23.4	23.4	23.4*	23.4*	23.4*	23.4*
40	22.7	22.7	22.7*	22.7*	22.7*	22.7*
42	22	22	22*	22*	22*	22*
44	21.2	21.2	21.2*	21.2*	21.2*	21.2*
46	20.4	20.4	20.4*	20.4*	20.4*	20.4*
48	19.6	19.6	19.6*	19.6*	19.6*	19.6*
50	18.9	18.9	18.9*	18.9*	18.9*	18.9*
52	18.1	18.1	18.1	18.1*	18.1*	18.1*
54	17.3	17.3	17.3	17.3*	17.3*	17.3*
56	16.5	16.5	16.5	16.5*	16.5*	16.5*
58	15.8	15.8	15.8	15.8*	15.8*	15.8*
60	15	15	15	15*	15*	15*
62	14.3	14.3	14.3	14.3*	14.3*	14.3*
64	13.6	13.6	13.6	13.6*	13.6*	13.6*
66	12.9	12.9	12.9	12.9*	12.9*	12.9*
68	12.3	12.3	12.3	12.3*	12.3*	12.3*
70	11.7	11.7	11.7	11.7*	11.7*	11.7*
72	11.1	11.1	11.1	11.1*	11.1*	11.1*
74	10.5	10.5	10.5	10.5*	10.5*	10.5*
76	10	10	10	10*	10*	10*
78	9.4	9.4	9.4	9.4*	9.4*	9.4*
80	8.9	8.9	8.9	8.9*	8.9*	8.9*
82	8.5	8.5	8.5	8.5*	8.5*	8.5*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

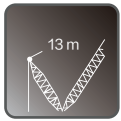
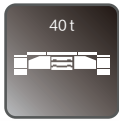


## SHW **Boom Length 36m** **Jib Length 24m**

	0	40	80	120	160	190
14	156	193.9	220	220	220	220*
16	135.9	169.1	202.3	220	220	220
18	120.2	149.7	179.3	208.9	211.4	211.4
20	107.6	134.2	160.9	182	182	182
22	97.2	121.5	145.8	159.7	159.7	159.7
24	88.6	110.9	132.5	142.2	142.2	142.2
26	81	101.9	120.8	128	128	128

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SHW**

**Boom Length 36m  
Jib Length 54m**


	0	40	80	120	160	190
22	86.1	86.1	86.1	86.1*	86.1*	86.1*
24	81.2	85.7	85.7	85.7	85.7*	85.7*
26	74.7	85.2	85.2	85.2	85.2*	85.2*
28	68.9	84.2	84.2	84.2	84.2*	84.2*
30	63.8	80.9	81.1	81.1	81.1	81.1*
32	59.3	75.4	77.8	77.8	77.8	77.8*
34	55.3	70.5	74.3	74.3	74.3	74.3*
36	51.6	66.2	70.8	70.8	70.8	70.8*
38	48	61.8	67.3	67.3	67.3	67.3*
40	44.8	57.9	63.8	63.8	63.8	63.8*
42	42	54.3	60.3	60.3	60.3	60.3*
44	39.4	51.2	56.9	56.9	56.9	56.9*
46	37.1	48.3	53.6	53.6	53.6	53.6*
48	35	45.6	50.5	50.5	50.5	50.5*
50	33	43.2	47.5	47.5	47.5	47.5*
52	31.2	41	44.6	44.6	44.6	44.6*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

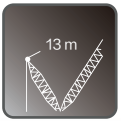


# SHW **Boom Length 36m** **Jib Length 84m**

 m	0	40	80	120	160	190
30	38.8	38.8	38.8	38.8*	38.8*	38.8*
32	38.5	38.5	38.5	38.5*	38.5*	38.5*
34	38.2	38.2	38.2	38.2*	38.2*	38.2*
36	37.9	37.9	37.9	37.9*	37.9*	37.9*
38	37.5	37.5	37.5	37.5*	37.5*	37.5*
40	37.2	37.2	37.2	37.2*	37.2*	37.2*
42	36.9	36.9	36.9	36.9	36.9*	36.9*
44	36	36.6	36.6	36.6	36.6*	36.6*
46	33.8	36.3	36.3	36.3	36.3*	36.3*
48	31.9	35.5	35.5	35.5	35.5*	35.5*
50	30.1	34.6	34.6	34.6	34.6*	34.6*
52	28.4	33.7	33.7	33.7	33.7*	33.7*
54	26.9	32.7	32.7	32.7	32.7*	32.7*
56	25.4	31.7	31.7	31.7	31.7*	31.7*
58	24	30.7	30.7	30.7	30.7*	30.7*
60	22.7	29.7	29.7	29.7	29.7*	29.7*
62	21.5	28.7	28.7	28.7	28.7	28.7*
64	20.4	27.8	27.8	27.8	27.8	27.8*
66	19.3	26.8	26.8	26.8	26.8	26.8*
68	18.3	25.7	25.8	25.8	25.8	25.8*
70	17.4	24.5	24.9	24.9	24.9	24.9*
72	16.5	23.4	23.9	23.9	23.9	23.9*
74	15.7	22.4	23	23	23	23*
76	14.9	21.4	22.1	22.1	22.1	22.1*
78	14.1	20.5	21.3	21.3	21.3	21.3*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SHW**

**Boom Length 60m  
Jib Length 24m**


	0	40	80	120	160	190
16	121.1	151.5	151.5	151.5	151.5*	151.5*
18	108.7	139.2	140.7	140.7	140.7*	140.7*
20	98.5	126.3	129.2	129.2	129.2*	129.2*
22	90	115	117.8	117.8	117.8*	117.8*
24	82.7	105.2	106.8	106.8	106.8	106.8*
26	76.6	96.6	96.6	96.6	96.6*	96.6*
28	70.9	87.3	87.3	87.3	87.3*	87.3*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

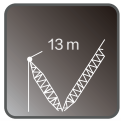
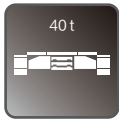


# SHW **Boom Length 60m** **Jib Length 54m**

 m	0	40	80	120	160	190
24	67.4	67.4	67.4	67.4*	67.4*	67.4*
26	65.8	65.8	65.8	65.8*	65.8*	65.8*
28	61.6	63.2	63.2	63.2*	63.2*	63.2*
30	57.5	60.3	60.3	60.3	60.3*	60.3*
32	53.8	57.4	57.4	57.4	57.4*	57.4*
34	50.6	54.3	54.3	54.3	54.3*	54.3*
36	47.6	51.3	51.3	51.3	51.3*	51.3*
38	45	48.3	48.3	48.3	48.3*	48.3*
40	42.5	45.4	45.4	45.4	45.4*	45.4*
42	40.3	42.6	42.6	42.6	42.6*	42.6*
44	38.3	39.9	39.9	39.9	39.9*	39.9*
46	36.3	37.4	37.4	37.4	37.4*	37.4*
48	34.2	35	35	35	35*	35*
50	32.3	32.7	32.7	32.7	32.7*	32.7*
52	30.5	30.6	30.6	30.6	30.6*	30.6*
54	28.6	28.6	28.6	28.6	28.6*	28.6*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SHW**

**Boom Length 60m  
Jib Length 84m**

	0	40	80	120	160	190
32	32.8	32.8	32.8	32.8*	32.8*	32.8*
34	32.7	32.7	32.7	32.7*	32.7*	32.7*
36	32.5	32.5	32.5	32.5*	32.5*	32.5*
38	32	32	32	32*	32*	32*
40	31.1	31.1	31.1	31.1*	31.1*	31.1*
42	30.2	30.2	30.2	30.2*	30.2*	30.2*
44	29.2	29.2	29.2	29.2*	29.2*	29.2*
46	28.3	28.3	28.3	28.3*	28.3*	28.3*
48	27.3	27.3	27.3	27.3*	27.3*	27.3*
50	26.2	26.2	26.2	26.2*	26.2*	26.2*
52	25.2	25.2	25.2	25.2	25.2*	25.2*
54	24.2	24.2	24.2	24.2	24.2*	24.2*
56	23.2	23.2	23.2	23.2	23.2*	23.2*
58	22.2	22.2	22.2	22.2	22.2*	22.2*
60	21.2	21.2	21.2	21.2	21.2*	21.2*
62	20.3	20.3	20.3	20.3	20.3*	20.3*
64	19.3	19.4	19.4	19.4	19.4*	19.4*
66	18.3	18.5	18.5	18.5	18.5*	18.5*
68	17.3	17.6	17.6	17.6	17.6*	17.6*
70	16.4	16.7	16.7	16.7	16.7*	16.7*
72	15.6	15.9	15.9	15.9	15.9*	15.9*
74	14.8	15.2	15.2	15.2	15.2*	15.2*
76	14	14.4	14.4	14.4	14.4*	14.4*
78	13.3	13.7	13.7	13.7	13.7*	13.7*
80	12.6	13	13	13	13*	13*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

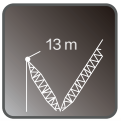


## SHW **Boom Length 84m** **Jib Length 24m**

	0	40	80	120	160	190
18	91.5	91.5	91.5	91.5*	91.5*	91.5*
20	85	86.3	86.3	86.3*	86.3*	86.3*
22	78	80.7	80.7	80.7*	80.7*	80.7*
24	72	74.9	74.9	74.9*	74.9*	74.9*
26	66.9	69.4	69.4	69.4*	69.4*	69.4*
28	62.4	64.1	64.1	64.1*	64.1*	64.1*
30	58.4	59.1	59.1	59.1*	59.1*	59.1*


**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



**SHW**

**Boom Length 84m  
Jib Length 54m**


 m	0	40	80	120	160	190
26	46.5	46.5	46.5	46.5*	46.5*	46.5*
28	44.8	44.8	44.8	44.8*	44.8*	44.8*
30	42.9	42.9	42.9	42.9*	42.9*	42.9*
32	41	41	41	41*	41*	41*
34	39	39	39	39*	39*	39*
36	37	37	37	37*	37*	37*
38	35	35	35	35*	35*	35*
40	33	33	33	33*	33*	33*
42	31.1	31.1	31.1	31.1*	31.1*	31.1*
44	29.3	29.3	29.3	29.3*	29.3*	29.3*
46	27.6	27.6	27.6	27.6*	27.6*	27.6*
48	25.9	25.9	25.9	25.9*	25.9*	25.9*
50	24.3	24.3	24.3	24.3*	24.3*	24.3*
52	22.9	22.9	22.9	22.9*	22.9*	22.9*
54	21.5	21.5	21.5	21.5*	21.5*	21.5*
56	20.2	20.2	20.2	20.2*	20.2*	20.2*

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.



# SHW **Boom Length 84m** **Jib Length 84m**

 m	0	40	80	120	160	190
34	24.6	24.6	24.6*	24.6*	24.6*	24.6*
36	24	24	24*	24*	24*	24*
38	23.4	23.4	23.4	23.4*	23.4*	23.4*
40	22.7	22.7	22.7	22.7*	22.7*	22.7*
42	22	22	22	22*	22*	22*
44	21.2	21.2	21.2	21.2*	21.2*	21.2*
46	20.4	20.4	20.4	20.4*	20.4*	20.4*
48	19.6	19.6	19.6	19.6*	19.6*	19.6*
50	18.9	18.9	18.9	18.9*	18.9*	18.9*
52	18.1	18.1	18.1	18.1*	18.1*	18.1*
54	17.3	17.3	17.3	17.3*	17.3*	17.3*
56	16.5	16.5	16.5	16.5*	16.5*	16.5*
58	15.8	15.8	15.8	15.8*	15.8*	15.8*
60	15	15	15	15*	15*	15*
62	14.3	14.3	14.3	14.3*	14.3*	14.3*
64	13.6	13.6	13.6	13.6*	13.6*	13.6*
66	12.9	12.9	12.9	12.9*	12.9*	12.9*
68	12.3	12.3	12.3	12.3*	12.3*	12.3*
70	11.7	11.7	11.7	11.7*	11.7*	11.7*
72	11.1	11.1	11.1	11.1*	11.1*	11.1*
74	10.5	10.5	10.5	10.5*	10.5*	10.5*
76	10	10	10	10*	10*	10*
78	9.4	9.4	9.4	9.4*	9.4*	9.4*
80	8.9	8.9	8.9	8.9*	8.9*	8.9*
82	8.5	8.5	8.5	8.5*	8.5*	8.5*

**Notes:**

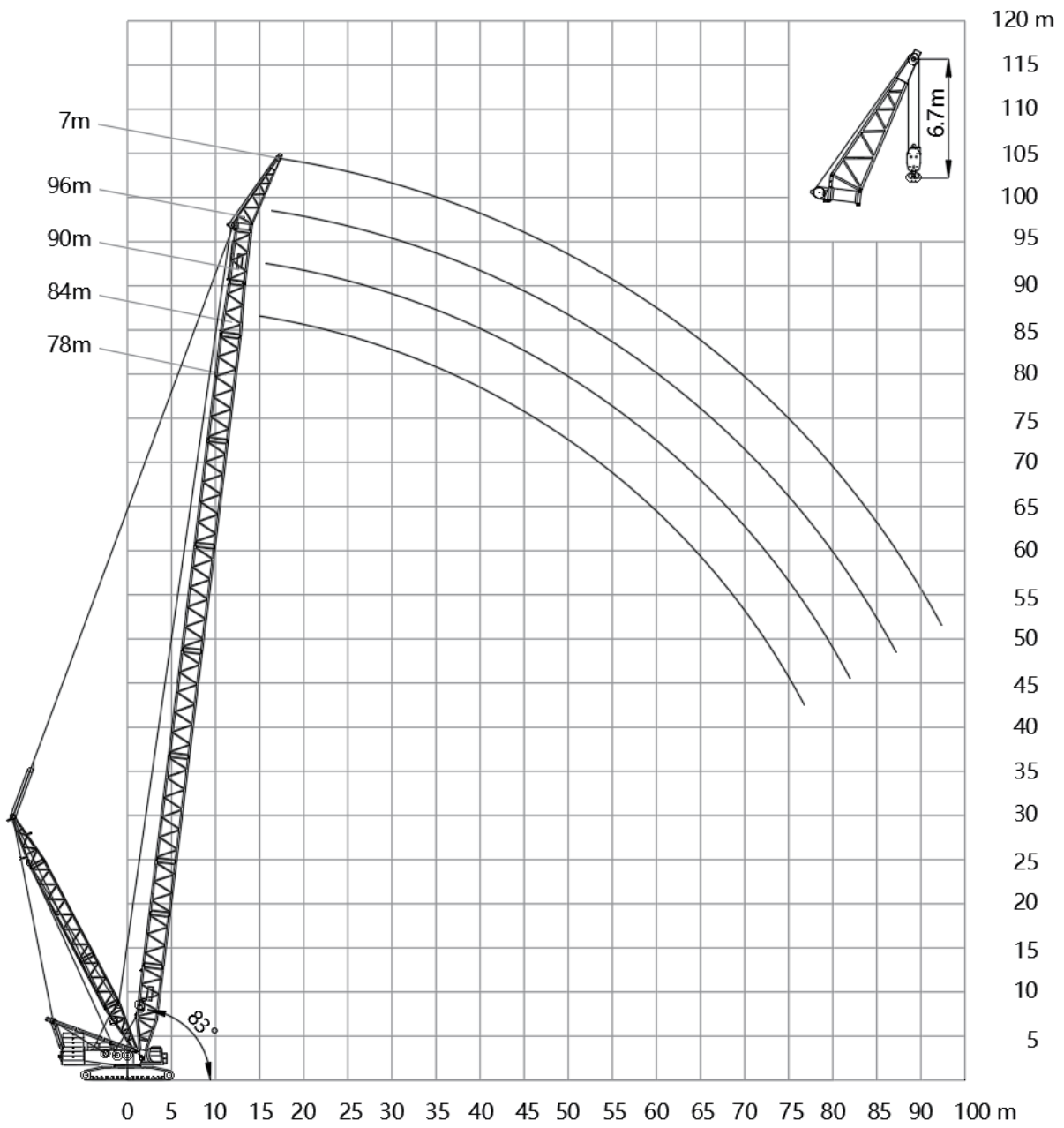
1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. For the lifting weight marked with “\*”, it indicates the superlift counterweight corresponding to this working condition cannot leave the ground.

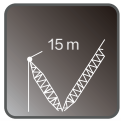
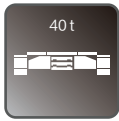
## SHJ

Main boom/m	Boom combinations
78	①+②+③+④+⑤×2+⑥+⑦
84	①+②×2+④+③+⑤×2+⑥+⑦
90	①+②+③+④+③+⑤×2+⑥+⑦
96	①+②×2+④+③×2+⑤×2+⑥+⑦

Goose head jib/m	Jib combinations
7	(19)

# SHJ





**SHJ**

**Boom Length 78~96m**  
**Jib Length 7m**

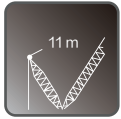
	78	84	90	96
16	116.6	108.8	103.4	93.9
17	109.5	104.5	102.6	92.9
18	103.5	100.5	97.3	91.7
20	91.7	89.5	87.3	84.3
22	81.9	80.0	78.0	76.0
24	73.6	72.0	70.2	68.3
26	65.9	65.0	63.5	61.8
28	59.4	58.6	57.5	56.0
30	53.9	53.1	52.2	50.9
32	49.0	48.2	47.3	46.4
34	44.6	44.0	43.2	42.3
36	40.8	40.2	39.4	38.6
38	37.4	36.7	36.0	35.2
40	34.4	33.7	33.0	32.1
42	31.7	31.1	30.3	29.5
44	29.2	28.6	27.8	27.0
46	27.0	26.4	25.6	24.8
48	25.0	24.4	23.6	22.7
50	23.2	22.5	21.7	20.9
52	21.5	20.8	20.0	19.1
54	19.9	19.2	18.4	17.5
56	18.5	17.8	17.0	16.1
58	17.1	16.4	15.6	14.7
60	15.9	15.2	14.4	13.5
62	14.7	14.0	13.2	12.3
64	13.6	12.9	12.1	11.2
66	12.5	11.9	11.1	10.2
68	11.6	10.9	10.1	9.2
70	10.6	10.0	9.2	8.3
74	9.0	8.3	7.5	6.6
78		6.8	6.0	



SHJ


## Boom Length 78~96m Jib Length 7m

	78	84	90	96
16	116.1	108.8	103.4	93.9
17	108.2	104.5	101.3	92.9
18	102.6	99.6	96.4	91.3
20	90.9	88.6	86.5	83.4
22	81.2	79.2	77.2	75.2
24	72.9	71.3	69.5	67.6
26	65.3	64.3	62.9	61.2
28	58.9	58.0	56.9	55.4
30	53.4	52.5	51.6	50.3
32	48.5	47.8	46.8	45.9
34	44.2	43.6	42.8	41.8
36	40.4	39.8	39.0	38.1
38	37.1	36.4	35.6	34.8
40	34.0	33.4	32.6	31.8
42	31.3	30.7	29.9	29.1
44	28.9	28.3	27.5	26.7
46	26.7	26.1	25.3	24.4
48	24.7	24.1	23.3	22.4
50	22.9	22.2	21.4	20.6
52	21.2	20.5	19.7	18.9
54	19.7	19.0	18.2	17.3
56	18.3	17.6	16.7	15.9
58	16.9	16.2	15.4	14.5
60	15.7	15.0	14.2	13.3
62	14.5	13.8	13.0	12.1
64	13.4	12.7	11.9	11.0
66	12.4	11.7	10.9	10.0
68	11.4	10.7	9.9	9.0
70	10.5	9.8	9.0	8.1
74	8.8	8.2	7.3	6.5
78		6.6	5.8	



**SHJ**

**Boom Length 78~96m**  
**Jib Length 7m**

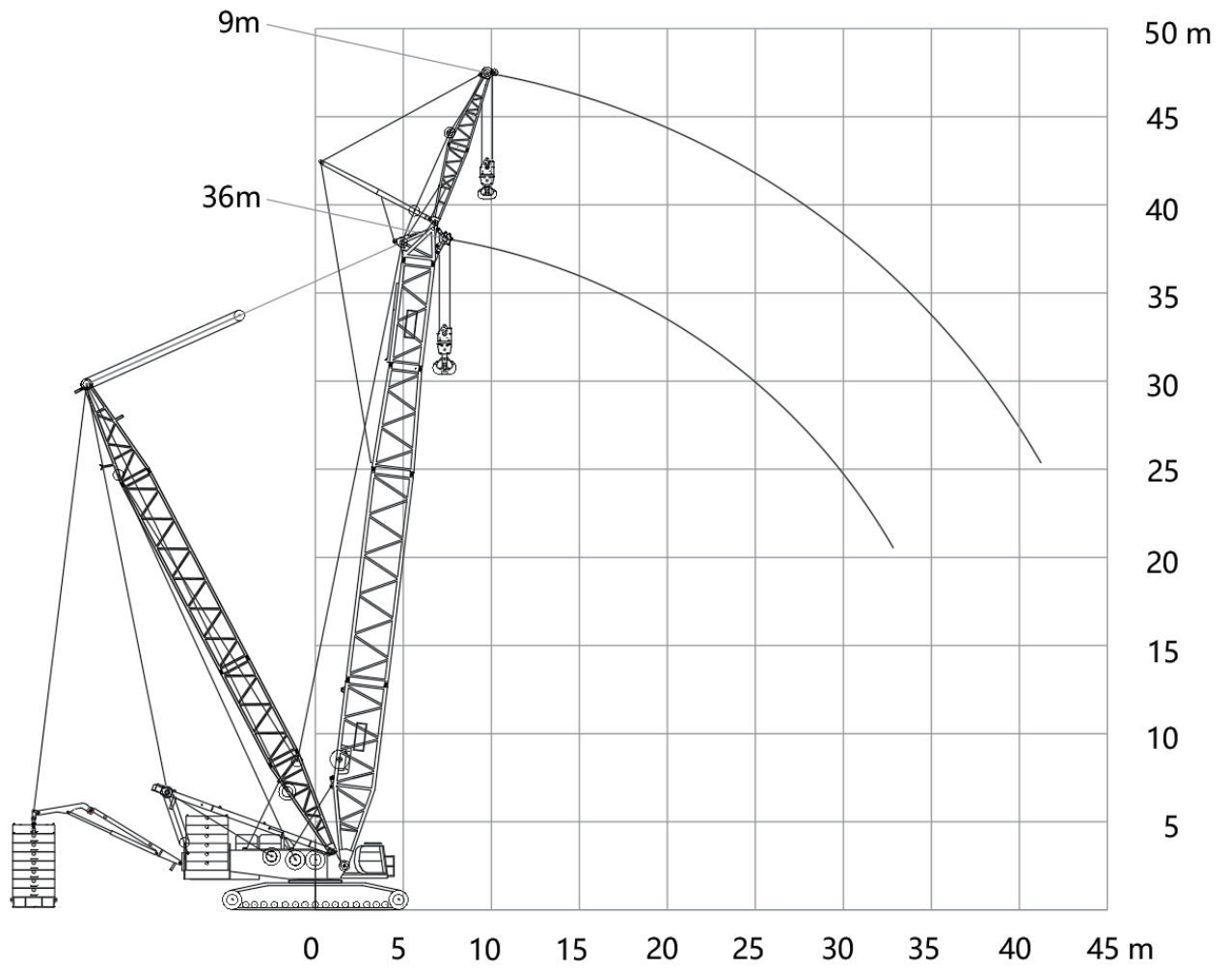
	78	84	90	96
16	115.6	108.8	103.4	93.9
17	106.9	103.4	100.2	92.9
18	101.6	98.7	95.5	90.9
20	90.0	87.8	85.6	82.6
22	80.5	78.5	76.5	74.4
24	72.2	70.7	68.8	66.9
26	64.7	63.7	62.2	60.5
28	58.3	57.5	56.3	54.8
30	52.9	52.0	51.1	49.8
32	48.1	47.3	46.4	45.3
34	43.8	43.1	42.3	41.3
36	40.0	39.4	38.6	37.7
38	36.7	36.0	35.2	34.4
40	33.7	33.0	32.2	31.4
42	31.0	30.4	29.6	28.7
44	28.6	28.0	27.2	26.3
46	26.4	25.8	25.0	24.1
48	24.4	23.8	23.0	22.1
50	22.7	22.0	21.1	20.3
52	21.0	20.3	19.5	18.6
54	19.4	18.8	18.0	17.0
56	18.0	17.3	16.5	15.6
58	16.7	16.0	15.2	14.3
60	15.5	14.8	13.9	13.1
62	14.3	13.6	12.8	11.9
64	13.2	12.5	11.7	10.8
66	12.2	11.5	10.7	9.8
68	11.3	10.6	9.7	8.9
70	10.3	9.7	8.8	7.9
74	8.7	8.0	7.2	6.3
78		6.5	5.7	

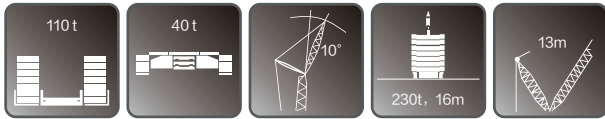
## SHFS

Main boom/m	Boom combinations
36	①+③+⑥+⑦+⑧+⑨

Fixed jib/m	Jib combinations
9	(20)

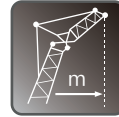
# SHFS





**SHFS**

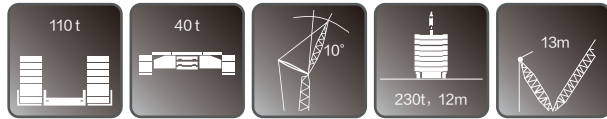
**Boom Length 36m  
Jib Length 9m**



82.0	8	400.0*	10.5	185.0*	364.0*
80.4	9	400.0*	11.7	185.0*	356.8*
78.8	10	400.0*	13.0	185.0*	350.1*
77.1	11	400.0*	14.3	185.0*	343.7*
75.5	12	400.0	15.5	185.0*	337.8
73.8	13	400.0	16.8	185.0*	332.3
72.1	14	388.5	18.1	185.0*	327.1
70.4	15	359.6	19.3	185.0*	314.0
68.7	16	334.4	20.6	182.9*	292.4
66.9	17	312.2	21.8	175.1*	273.3
65.2	18	291.9	23.1	168.1*	256.1
63.4	19	273.6	24.3	161.6*	240.7
61.5	20	257.1	25.6	155.6*	226.7
57.8	22	228.5	28.1	145.0	201.3
53.8	24	204.1	30.6	135.9	180.0
49.6	26	182.6	33.1	128.1	161.8
45.1	28	164.2	35.6	121.3	146.2
40.3	30	147.9	38.1	113.7	132.4
34.8	32	133.4	40.5	102.7	120.0

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. The rated lifting capacity in the table is the calculation value based on the boom sections without tower jib re-entrant.
4. Main hook load refers to the value when there is no load on aux. hook; aux. hook load refers to the value when there is no load on main hook.
5. When the actual lifting load of main hook + aux hook is more than 60% of the actual lifting load of aux hook, do not turn over to the direction of aux hook.



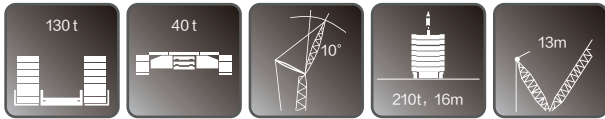
## SHFS

## Boom Length 36m Jib Length 9m

82.0	8	400.0*	10.5	185.0*	364.0*
80.4	9	400.0*	11.7	185.0*	356.8*
78.8	10	400.0*	13.0	185.0*	350.1
77.1	11	400.0	14.3	185.0*	343.7
75.5	12	379.8	15.5	185.0*	328.2
73.8	13	347.4	16.8	185.0*	301.3
72.1	14	319.4	18.1	185.0*	278.0
70.4	15	295.1	19.3	185.0	257.6
68.7	16	273.7	20.6	182.9	239.7
66.9	17	254.7	21.8	175.1	223.7
65.2	18	237.8	23.1	168.1	209.4
63.4	19	222.6	24.3	161.6	196.6
61.5	20	208.9	25.6	155.6	185.0
57.8	22	185.1	28.1	142.2	164.7
53.8	24	165.0	30.6	126.9	147.6
49.6	26	147.8	33.1	113.8	132.9
45.1	28	132.9	35.6	102.3	120.1
40.3	30	119.7	38.1	92.1	108.8
34.8	32	107.7	40.5	82.9	98.5

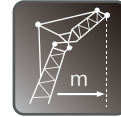
**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. The rated lifting capacity in the table is the calculation value based on the boom sections without tower jib re-ependant.
4. Main hook load refers to the value when there is no load on aux. hook; aux. hook load refers to the value when there is no load on main hook.
5. When the actual lifting load of main hook + aux hook is more than 60% of the actual lifting load of aux hook, do not turn over to the direction of aux hook.



**SHFS**

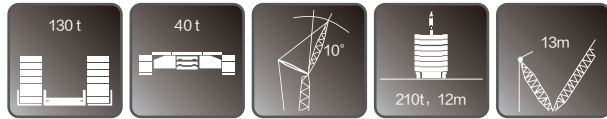
**Boom Length 36m  
Jib Length 9m**



82.0	8	400.0*	10.5	185.0*	364.0*
80.4	9	400.0*	11.7	185.0*	356.8*
78.8	10	400.0*	13.0	185.0*	350.1*
77.1	11	400.0*	14.3	185.0*	343.7
75.5	12	400.0	15.5	185.0*	337.8
73.8	13	400.0	16.8	185.0*	332.3
72.1	14	376.7	18.1	185.0*	327.1
70.4	15	348.6	19.3	185.0*	303.8
68.7	16	323.9	20.6	182.9*	282.9
66.9	17	301.8	21.8	175.1	264.3
65.2	18	282.1	23.1	168.1	247.7
63.4	19	264.4	24.3	161.6	232.7
61.5	20	248.4	25.6	155.6	219.2
57.8	22	220.6	28.1	145.0	195.5
53.8	24	197.3	30.6	135.9	174.8
49.6	26	177.2	33.1	128.1	157.1
45.1	28	159.2	35.6	121.3	141.9
40.3	30	143.4	38.1	110.2	128.4
34.8	32	129.2	40.5	99.5	116.3

Notes:

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load, and without travel.
3. The rated lifting capacity in the table is the calculation value based on the boom sections without tower jib re-entrant.
4. Main hook load refers to the value when there is no load on aux. hook; aux. hook load refers to the value when there is no load on main hook.
5. When the actual lifting load of main hook + aux hook is more than 60% of the actual lifting load of aux hook, do not turn over to the direction of aux hook.



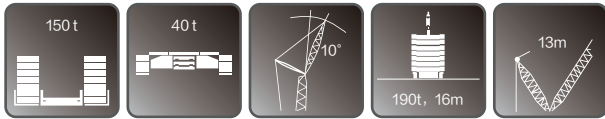
## SHFS

## Boom Length 36m Jib Length 9m

82.0	8	400.0*	10.5	185.0*	364.0*
80.4	9	400.0*	11.7	185.0*	356.8
78.8	10	400.0	13.0	185.0*	350.1
77.1	11	400.0	14.3	185.0*	343.7
75.5	12	372.0	15.5	185.0*	321.6
73.8	13	340.2	16.8	185.0*	295.1
72.1	14	312.8	18.1	185.0	272.3
70.4	15	288.9	19.3	185.0	252.3
68.7	16	267.9	20.6	182.9	234.7
66.9	17	249.3	21.8	175.1	219.0
65.2	18	232.7	23.1	168.1	205.0
63.4	19	217.8	24.3	161.6	192.4
61.5	20	204.3	25.6	155.6	181.0
57.8	22	181.0	28.1	139.0	161.1
53.8	24	161.3	30.6	124.0	144.4
49.6	26	144.4	33.1	111.1	130.0
45.1	28	129.8	35.6	99.9	117.4
40.3	30	116.8	38.1	89.9	106.3
34.8	32	105.1	40.5	80.9	96.2

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
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3. The rated lifting capacity in the table is the calculation value based on the boom sections without tower jib re-ependant.
4. Main hook load refers to the value when there is no load on aux. hook; aux. hook load refers to the value when there is no load on main hook.
5. When the actual lifting load of main hook + aux hook is more than 60% of the actual lifting load of aux hook, do not turn over to the direction of aux hook.



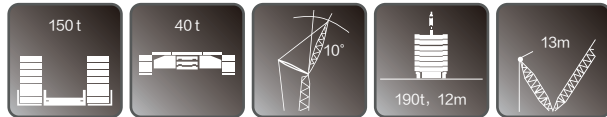
**SHFS**

**Boom Length 36m  
Jib Length 9m**

82.0	8	400.0*	10.5	185.0*	364.0*
80.4	9	400.0*	11.7	185.0*	356.8*
78.8	10	400.0*	13.0	185.0*	350.1
77.1	11	400.0	14.3	185.0*	343.7
75.5	12	400.0	15.5	185.0*	337.8
73.8	13	396.0	16.8	185.0*	332.3
72.1	14	364.5	18.1	185.0*	316.6
70.4	15	337.0	19.3	185.0	293.6
68.7	16	312.8	20.6	182.9	273.4
66.9	17	291.4	21.8	175.1	255.4
65.2	18	272.3	23.1	168.1	239.2
63.4	19	255.2	24.3	161.6	224.7
61.5	20	239.7	25.6	155.6	211.6
57.8	22	212.8	28.1	145.0	188.8
53.8	24	190.2	30.6	135.9	169.5
49.6	26	170.8	33.1	128.1	152.4
45.1	28	154.0	35.6	118.3	137.6
40.3	30	138.9	38.1	106.7	124.5
34.8	32	125.1	40.5	96.3	112.7

**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
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## SHFS

## Boom Length 36m Jib Length 9m

82.0	8	400.0*	10.5	185.0*	364.0*
80.4	9	400.0	11.7	185.0*	356.8
78.8	10	400.0	13.0	185.0*	350.1
77.1	11	400.0	14.3	185.0*	343.7
75.5	12	364.2	15.5	185.0*	314.9
73.8	13	333.0	16.8	185.0	289.0
72.1	14	306.1	18.1	185.0	266.5
70.4	15	282.7	19.3	185.0	247.0
68.7	16	262.1	20.6	182.9	229.7
66.9	17	243.9	21.8	175.1	214.3
65.2	18	227.6	23.1	168.1	200.6
63.4	19	213.0	24.3	161.6	188.3
61.5	20	199.8	25.6	153.3	177.1
57.8	22	176.9	28.1	135.8	157.6
53.8	24	157.6	30.6	121.1	141.1
49.6	26	141.0	33.1	108.5	127.0
45.1	28	126.7	35.6	97.5	114.7
40.3	30	113.9	38.1	87.7	103.8
34.8	32	102.4	40.5	78.8	93.9

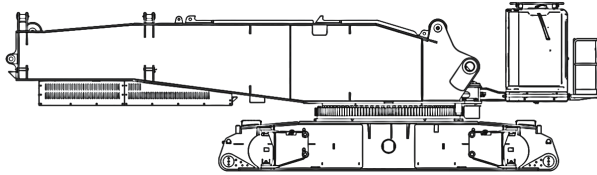
**Notes:**

1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
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## Dimensions of transported components XGC400-I

### Basic machine

× 1

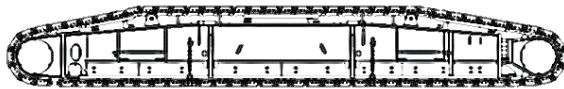


L	12.03 m
W	3.00 m
H	3.41 m
W	47.9 t

Include turntable, car—body (with 4 outrigger pads), cab and etc.

### Left track frame

× 1



L	10.71 m
W	1.62 m
H	1.54 m
W	30.9 t

### Right track frame

× 1



L	10.71 m
W	1.62 m
H	1.54 m
W	30.9 t

### Mast assy

× 1

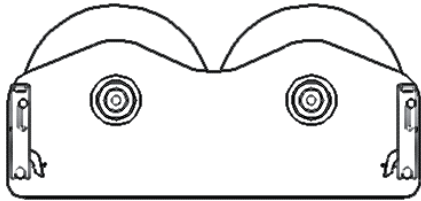


L	11.14m
W	2.21 m
H	1.14 m
W	9.8 t

Include mast, main luffing pulley block, main luffing system and wire rope.

### Hoist winch

× 1

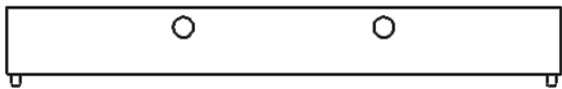


L	2.41 m
W	1.90 m
H	1.13 m
W	9.56 t

Include main/aux. hoist rope

### Central counterweight

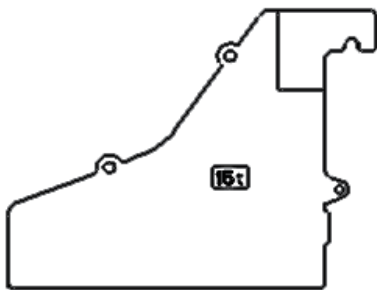
× 2



L	6.08 m
W	1.64 m
H	0.84 m
W	20 t

### Turntable counterweight frame

× 2

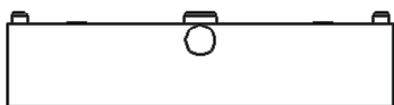


L	2.62 m
W	2.68 m
H	2.03 m
W	15 t

Include counterweight locking chain assy.

### Counterweight slab

× 12

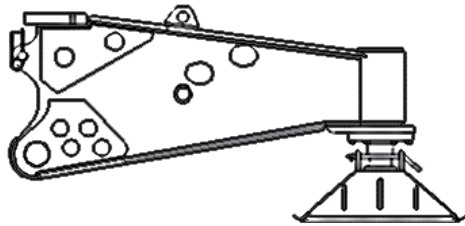


L	2.38 m
W	2.10 m
H	0.58 m
W	10 t

# Dimensions of transported components XGC400-I

## Outrigger

× 2

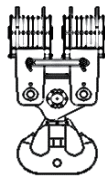


L	2.53 m
W	0.98 m
H	1.20 m
W	2.49 t

Include outrigger pads

## 400t capacity hook block

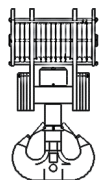
× 1



L	1.68 m
W	0.95 m
H	3.10 m
W	6.65 t

## 350t capacity hook block

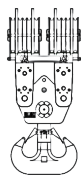
× 1



L	1.44 m
W	0.87 m
H	2.82 m
W	6.16 t

## 320t capacity hook block

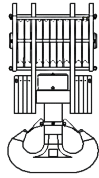
× 1



L	1.31 m
W	1.22 m
H	2.97 m
W	6.0 t

260t capacity hook block

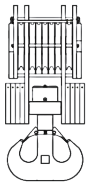
× 1



L	1.02 m
W	0.87 m
H	2.34 m
W	3.94 t

200t capacity hook block

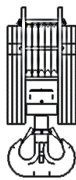
× 1



L	0.95 m
W	0.99 m
H	2.25 m
W	4.20 t

160t capacity hook block

× 1



L	0.87 m
W	0.76 m
H	2.13 m
W	3.91 t

50t capacity hook block

× 1

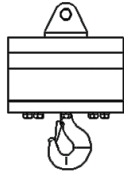


L	0.64 m
W	0.76 m
H	1.84 m
W	2.43 t

## Dimensions of transported components XGC400-I

16t capacity hook block

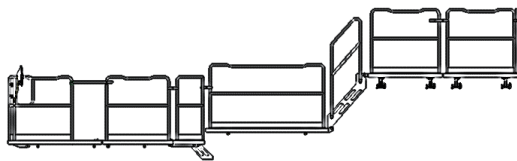
× 1



L	0.60 m
W	0.60 m
H	0.87 m
W	0.88 t

Catwalk

× 1

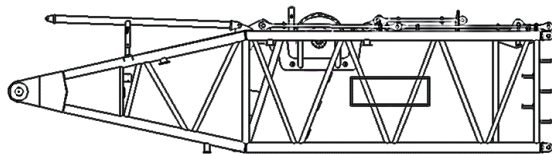


L	-
W	-
H	-
W	0.48 t

Transport after disassembly

Boom butt

× 1

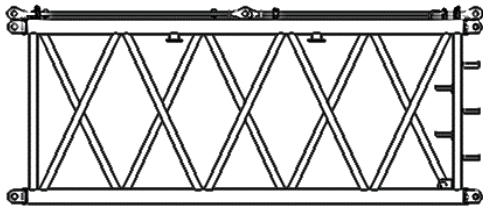


L	10.80 m
W	3.00 m
H	2.86 m
W	13.34 t

Include boom backstop cylinder, tower jib luffing winch and rope, some pendant

6m heavy boom insert

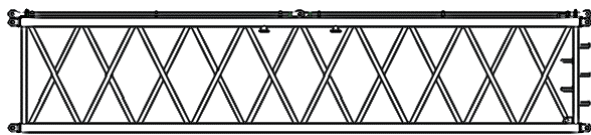
× 2



L	6.18 m
W	3 m
H	2.55 m
W	3.25 t
Include pendant	

12m heavy boom insert I

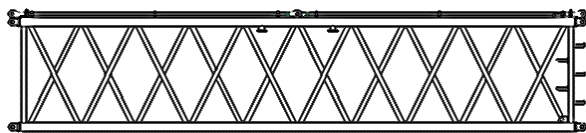
× 1



L	12.18 m
W	3.00 m
H	2.55 m
W	5.79 t
Include pendant	

12m heavy boom insert II

× 1

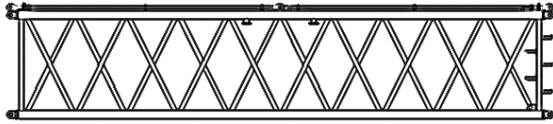


L	12.18 m
W	3.00 m
H	2.55 m
W	5.82 t
Include pendant	

## Dimensions of transported components XGC400-I

### 12m light boom insert

× 2

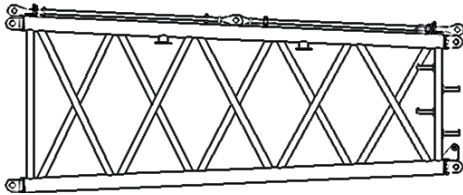


L	12.18 m
W	3.00 m
H	2.55 m
W	5.27 t

Include pendant

### 6m boom transition section

× 1

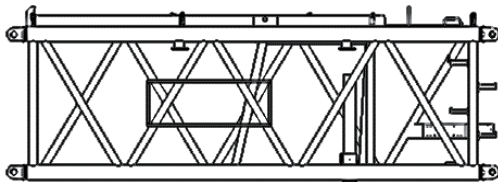


L	6.18 m
W	3.00 m
H	2.56 m
W	2.62 t

Include pendant

### 6m light boom insert

× 1

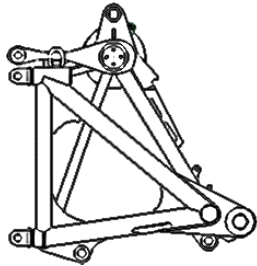


L	6.18 m
W	2.50 m
H	2.20 m
W	3.50 t

Include pendant and tower jib luffing pulley block

Boom head

× 1

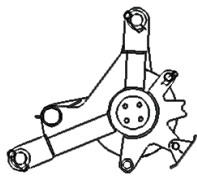


L	2.57 m
W	2.59 m
H	2.72 m
W	3.62 t

Include pendant

Boom sheave block

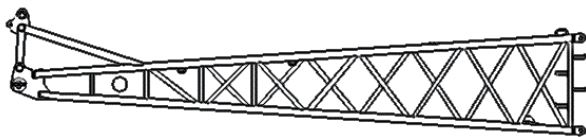
× 1



L	1.39 m
W	1.67 m
H	1.20 m
W	1.57 t

Tower jib butt

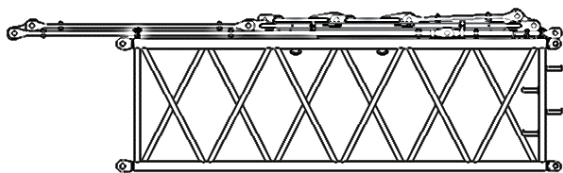
× 1



L	10.81 m
W	2.53 m
H	2.31 m
W	3.25 t

6m tower jib insert A

× 1



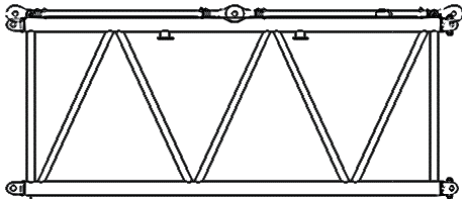
L	7.68 m
W	2.44 m
H	2.25 m
W	3.05 t

Include pendant balance beam

# Dimensions of transported components XGC400-I

6m tower jib insert B

× 2

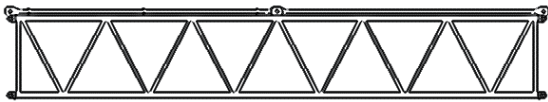


L	6.16 m
W	2.44 m
H	2.01 m
W	1.75 t

Include pendant

12m tower jib insert A

× 1

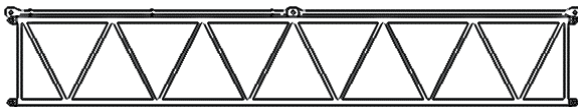


L	12.16 m
W	2.44 m
H	2.01 m
W	3.13 t

Include pendant

12m tower jib insert B

× 2

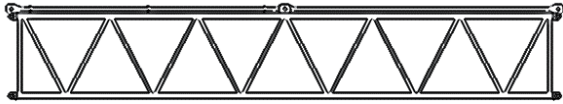


L	12.16 m
W	2.44 m
H	2.01 m
W	2.97 t

Include pendant

12m tower jib center hitch section

× 1

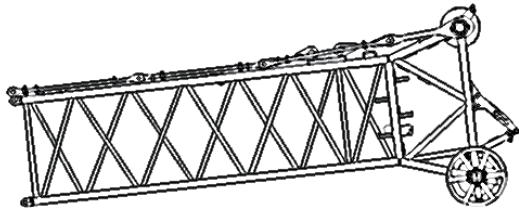


L	12.16 m
W	2.44 m
H	2.01 m
W	3.14 t

Include pendant

Tower jib top section

× 1

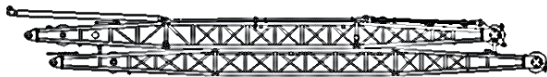


L	8.51 m
W	2.44 m
H	3.35 m
W	4.46 t

Include pendant

Tower jib front and rear brackets

× 1



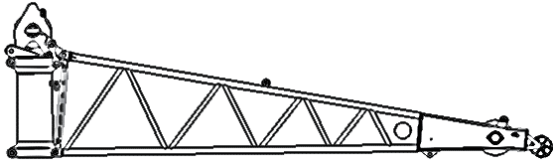
L	16.25 m
W	2.61 m
H	2.06 m
W	8.73 t

Include pendant

## Dimensions of transported components XGC400-I

### Goose head jib

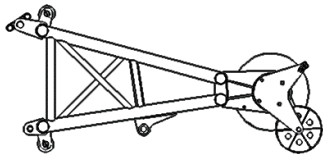
× 1



L	10.05 m
W	2.44 m
H	2.91 m
W	3.8 t
Optional	

### Single top

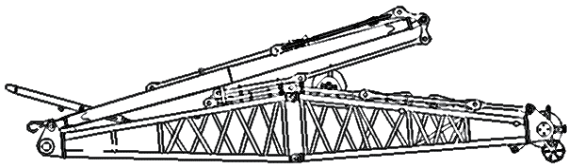
× 1



L	2.67 m
W	1.53 m
H	1.25 m
W	0.51 t

### Fixed jib

× 1



L	10.12 m
W	3.00 m
H	2.78 m
W	5.36 t
Include fixed jib top, strut, front/rear pendants, backstop rod and etc., optional Configuration	

Pendant transport

× 1

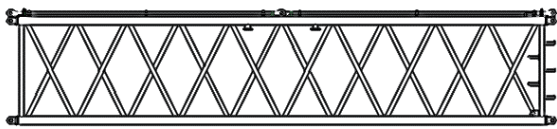


L	6.20 m
W	1.75 m
H	0.48 m
W	1.9 t

For fixed jib pendants

12m heavy boom insert I

× 1

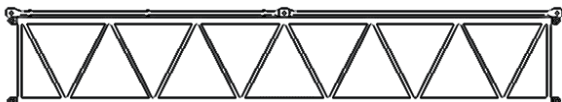


L	12.18 m
W	3.00 m
H	2.55 m
W	5.79 t

Include pendant

12m tower jib insert B

× 1



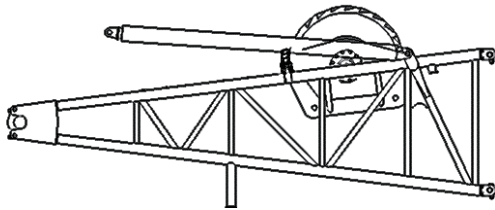
L	12.16 m
W	2.44 m
H	2.01 m
W	2.97 t

Include pendant

## Dimensions of transported components XGC400-I

Superlift mast butt

× 1

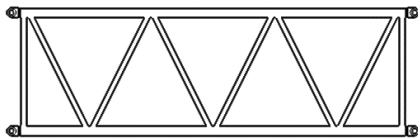


L	6.24 m
W	2.72 m
H	2.00 m
W	7.99 t

Include superlift luffing winch and wire rope, superlift backstop cylinder and etc.

6m superlift mast insert

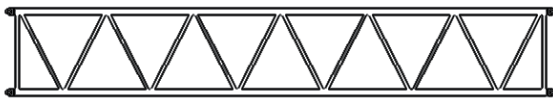
× 1



L	6.25 m
W	2.49 m
H	2.10 m
W	1.60 t

12m superlift mast insert

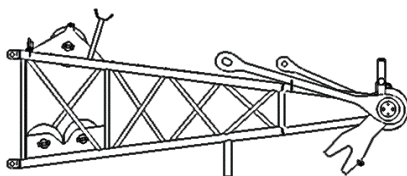
× 1



L	12.26 m
W	2.49 m
H	2.10 m
W	2.66 t

Superlift mast top

× 1



L	6.38 m
W	2.44 m
H	2.60 m
W	3.52 t

Superlift counterweight tray

× 1

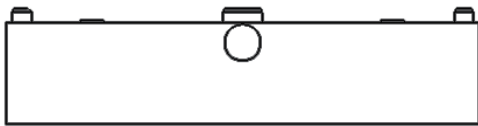


L	9.15 m
W	2.61 m
H	1.27 m
W	10 t

Include superlift counterweight lifting cylinder

Counterweight slab

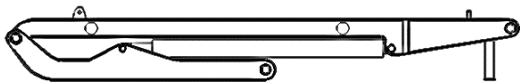
× 16



L	2.38 m
W	2.10 m
H	0.58 m
W	10 t

Superlift counterweight pushing cylinder

× 1



L	6.13 m
W	3.20 m
H	0.88 m
W	3.46 t
















Include pushing cylinder

Pendant transport

× 2



L	6.20 m
W	1.75 m
H	0.48 m
W	1.9 t

	Rated lifting capacity
	Rated lifting capacity for combined lifting
	Working radius
	Undercarriage counterweight
	Turntable counterweight
	Aux. hook rated lifting capacity
	Rated lifting capacity for combined lifting
	Main boom angle in tower jib working condition
	Max. main boom length
	Main hook radius
	Turntable counterweight
	SL counterweight radius
	Aux. hook rated lifting capacity
	Main hook rated lifting capacity
	Main boom angle in tower jib working condition

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Featured machines in photos may include additional equipment.

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