

液压式履带起重机

HYDRAULIC CRAWLER CRANE

FCC250

TW 長運

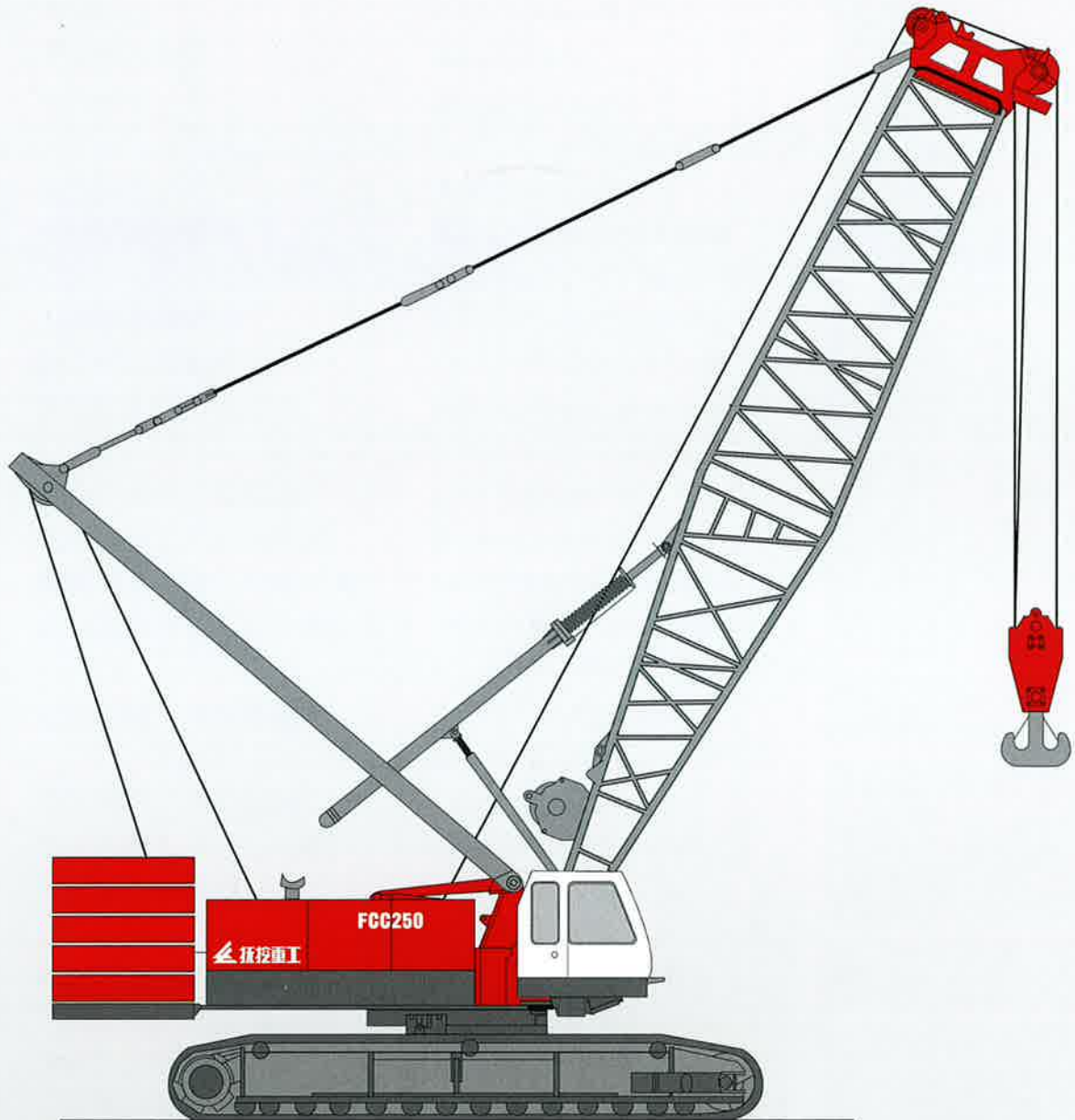
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Safety Devices

Hook and boom over-hoist prevention devices	Hook and boom over-hoist prevention devices are used for preventing the crane from the accidents because of the over-hoist.
Hook over-hoist prevention device	When the hook lifts up to certain height and touches the plumb, the limit switch shall be disengaged by the reposition spring, and then the switch cuts off the control circuit. The control relay makes the buzzer alarm and the indicator lights up. At the same time, the rise of the hook will stop automatically.
Boom over-hoist prevention device	<p>The boom upper limit angle is controlled by moment limiter and boom upper limit switch.</p> <p>a. Working condition with boom When the boom upper limit angle is more than 80°, the moment limiter will continuously alarm and send out the signal. The rise of boom will stop. At the same time, the limit switch is cut off. The boom stops rising.</p> <p>b. Working condition with luffing jib When luffing boom upper limit angle is more than 85°, the moment limiter will continuously alarm and send out the signal of danger. The rise of luffing boom will stop. At the same time, the limit switch is cut off. The luffing boom stops rising. When luffing jib upper limit angle is more than 70°, the moment limiter will alarm continuously and send out the signal of danger. The rise of the luffing jib stops. At the same time, the limit switch on the luffing jib is cut off. The luffing jib stops rising.</p>
Moment limiter	<p>The device monitors the work of the crane. You can press the key to set the values of all working conditions.</p> <p>When the actual load is less than 90% of rated load, the screen shows load proportional bar in green color, and no warning alarm from the Safe Load Indicator.</p> <p>When the actual load exceeds 90% of rated load while is less than 100% of rated load, the screen shows yellow color and an intermittent warning alarm sounds.</p> <p>When the actual load exceeds 100% of rated load while less than 105% of rated load, the monitor screen shows red color and the Safe Load Indicator gives continuous warning alarm, and output control signal.</p> <p>When the actual load exceeds 105% of rated load, the monitor screen shows red color and gives out a continuous warning alarm, at the same time the Safe Load Indicator put out control signal to stop the hoisting action of main and auxiliary hooks and boom.</p>
Three-color load indicator	The three-color load indicator is installed on the crane in order to let the personnel on site know the load. The driver and the signal personnel are equipped with the interphone for the convenience of contact.
Anemometer	Anemometer- the wind speed sensor is installed on the top of boom to test the wind speed. The moment limiter displays wind speed.
Drum and slew brakes and locking devices	<p>Brakes: main and auxiliary winch brakes, main and auxiliary derricking drum brakes and slew brake.</p> <p>Locking devices: main and auxiliary winch pawls, main derricking drum pawls and slew locking device.</p>
Load sensor, angle sensor	<p>The load sensor is installed on the pendant bar to test the load.</p> <p>The angle sensors are installed on the boom foot and the luffing jib foot to display the current angles of boom and luffing jib.</p>
Gradiometer	The device is used for testing the angle between the machine and the ground.
Angle scale	The angle scale on the boom foot shows the current angle of the boom.
Rope retainer (three and a half circles retained on the drum)	This device is installed on the main and auxiliary hoisting winches to ensure at least three and a half circles of wire ropes be kept on the winch to guarantee safe operation of the machine.
Limit protection of back stop	Back stop limit switch.
Travel alarm	The buzzer alarms.
Slew alarm	The speed reduction control when the boom derricking reaches the limit position. (Quivering prevention).

Specifications

Superstructure

Power device

Model:QSL-9 engine from Cummins

Types:water-cooling,direct fuel injection,with turbocharger actuator

Displacement:8.9L

Rated power output:246kw/2100rpm

Maximum Torque:1424N.m/1500rpm

Fuel tank capacity:400L

Hydraulic oil tank capacity:500L

Hydraulic system

The engine is combined with two main pump, slew pump, cylinder pump, cooling pump, oil supply pump and a group of M7-LUDV valves. The function of the pump system is better than that of the valve system. The travel, derricking, slew and winch can work at the same time. The oil cooler independently controls the temperature. The slew system works independently. The winches work independently.

Control system

The electrical control system and the low speed control system are adjusted by the extreme load. The power output of the hydraulic system may vary with the power output of the engine when lifting the load. The electrical control system of load adjusting makes the engine have the maximum power output and the engine will not switch off within the working range.

Electric monitoring system

The electric monitor has the function of troubleshooting. CAN-BUS the software of BODAS.

The system adopts RC controller from Rexroth with four computers (the engine computer, the computer of main control, the computer of moment limiter and the computer of electric monitor). The logic control of main actions is completed by the computers and hydraulic system.

Main and auxiliary hoist winches

The main and auxiliary winches are driven by the reduction gear. The brake is often engaged.

Main hoist winch

The drum:diameter of pitch circle ϕ 660mm

The diameter of wire rope: ϕ 28mm

The length of wire rope:415m

Maximum speed:136m/min

Auxiliary hoist winch

The drum: the diameter of pitch circle ϕ 660mm

The diameter of wire rope: ϕ 28mm

The length of wire rope:320m

Maximum speed:136m/min

Boom derricking system

This system is driven by the reduction gear. The brake is often engaged.

The drum:the diameter of pitch circle ϕ 526mm

The diameter of wire rope

ϕ 22mm The length of wire

rope: 350m

Jib derricking system

The drum: the diameter of pitch circle ϕ 526mm

The diameter of wire rope: ϕ 22mm

The length of wire rope : 250m

Dragrope winch

The diameter of wire rope: ϕ 8.7mm

The length of wire rope: 240m

Slewing system

The slewing system can be turned by 360° „. The reduction gear drives the teeth.

Speed: 1.7r/m

Four pins are locked.

The cabin

The width of the cabin is 1200mm. the cabin can swing and pitch by 20°.The front window is inclined and the posts are designed with the cross section with high strength. There are air-conditioner, heater, rear view mirror, wiper, stereos and fire extinguisher in the cabin. The electric monitor and moment limiter with large screen are in the cabin. The seat can be adjusted.

Lubricating system

Apply grease on the movable points, bearings and slewing chassis at intervals

Counterweight

The rear part is welded and the weight is 86.7t (including 16.4t basic counterweight). The left counterweight has five blocks and each is 6.9t; the right counterweight has five blocks and each is 6.7t. the forged counterweight is about 1.7t.

Undercarriage

Lower frame Weld the steel plate with high strength into X-structure. The crawler frame is connected with lower frame by the driving pin for the convenience of installation and disassembly.

The ballast Two welded blocks installed in front and back of the understructure. The total weight is 17t. Each block is 8.5t.

Track roller Every side has 14 track rollers. All track rollers are equipped with bushings, seals and lubricating oil.

Jack-up cylinders The four hydraulic jack-up cylinders are connected with the beam.

Track shoe The left and right crawlers have 120 track shoes. The width of the track shoe is 1200mm. The tension state of track shoe can be adjusted by the hydraulic jack until the adjusting plate has the ideal position.

The crawler drive The independent hydraulic driving system is within the crawler frame. Every hydraulic driving system has a hydraulic motor. The hydraulic motor and reduction gear in the crawler frame can not exceed the width of the track shoe.

Travel speed 0.8/1.2 km/h

Grade ability 30% (17°)

Working Equipments

The main steel pipe with high strength is imported. The derricking device adopt the structure of pendant bar with high strength.

Boom The insert section has the equal cross section. The top and the foot have the variable cross sections. The boom is the lattice structure. The steel pipes are welded together. The standard boom is 15.2-72.2m.

Light duty boom 75.8m to 90.8m, when the standard boom is 58.6m, 6.7m tapered section is connected. When the light duty boom is 90.8m, the extended section 17.4-32.4m.

Fixed jib combination

Two kinds of angle between boom and fixed jib:10° „and 30° „,the boom is 45.2-69.2m. The fixed jib is 18m-36m.

Luffing jib combination

The luffing boom is 36.2-60.2m

The luffing jib is 22m-61m

Hook Blocks

250t hook(Optional)

200t hook 150t hook 80t hook

35t hook 13.5t hook



臂杆组合

Boom Combination

05

固定副臂工况

最大起重量: 18.8吨x16.8米
最大组合: 66.2米+36米

Fixed Jib

Max. Rated load:
18.8t x 16.8m
Max. Combination:
66.2m + 36m



主臂 Boom 45.2m-69.2m | 副臂 Jib 18m-36m

塔式工况

最大起重量: 61.4吨x13.1米
最大组合: 54.2米+61米

Luffing Jib

Max. Rated load:
61.4t x 13.1m
Max. Combination:
54.2m + 61m



主臂 Boom 36.2m-60.2m | 塔臂 Luffing jib 22m-61m

重轻混合主臂工况

最大起重量: 31.5吨x15米
最大臂杆长度: 90.8米

Heavy and Light Boom

Max. Rated load:
31.5t x 15m
Max. Boom length:
90.8m

臂杆组合

重主臂工况

最大起重量: 250吨x5米
最大臂杆长度: 72.2米

Heavy Boom

Max. Rated load:
250t x 5m
Max. Boom length:
72.2m



主臂 Boom 15.2m-72.2m

辅助臂工况

最大起重量: 25吨x26米
最大臂杆长度: 72.2米

Assistant Boom

Max. Rated load:
25t x 26m
Max. Boom length:
72.2m



主臂 Boom 15.2m-72.2m



主臂 Boom 75.8m-90.8m

主要技术参数

Technical Data

项目名称		技术参数	
主臂长度(m)		标准主臂: 72.2m 轻型组合臂: 90.8m	
主臂最大额定起重量(t)		250	
塔式副臂长度(m)		22-61	
塔式副臂起重量(t)		最大起重量61t (2-5倍率)	
吊钩配置(t)		13.5/35/80/150/200/250	
速度	提升 (min)	0-136	
	变幅 (min)	56	
	回转速度 (r/min)	0-1.7	
	行走速度 (km/h)	(0.8/1.2)	
爬坡能力(°)	30%	17	
带基本臂自重(t)	215 (塔式230)	接地比压 (Kg/cm ²)	1.14-1.36
起重臂变幅角度(°)	30-80	塔式主臂变幅角度(°)	60-85
塔式副臂变幅角度(°)	15-70		
最大起重力矩(t·m)	1200	运输尺寸(长×宽×高) 12618×3280×3513	
发动机	型号	QSL9 进口康明斯电控柴油机	
	功率 (KW)	246	
	转速 (rpm)	2100	

Descriptions		Data	
Boom Length(m)		Standard Boom:72.2m Light Duty Boom:90.8m	
Max. Rated Load Capacity(t)		250	
Length of Luffing Jib(m)		22-61	
Max. Rated Load Capacity of Luffing Jib(t)		Max. load 61t (with parts of line 2-5)	
Hook Blocks(t)		13.5/35/80/150/200/250	
Speed	Hoist (min)	0-136	
	Derrick (min)	56	
	Slew (r/min)	0-1.7	
	Travel (km/h)	(0.8/1.2)	
Grade ability(°)	30%	17	
Machine Mass with basic boom(t)	215 (Tower crane:230)	Ground pressure (Kg/cm ²)	1.14-1.36
Boom Angle(°)	30-80	Boom Angle (with Luffing jib)	60-85
Luffing Jib(°)	15-70		
Max. Load Torque (t·m)	1200	Main body dimensions (LengthxWidthxHeight) 12618×3280×3513	
The Engine	Model	QSL9 the engine from Cummins	
	Power Output(KW)	246	
	Rotary Speed (rpm)	2100	

注: ① 轻型臂节与部分塔式副臂通用。

② 速度随载荷变化而变化。

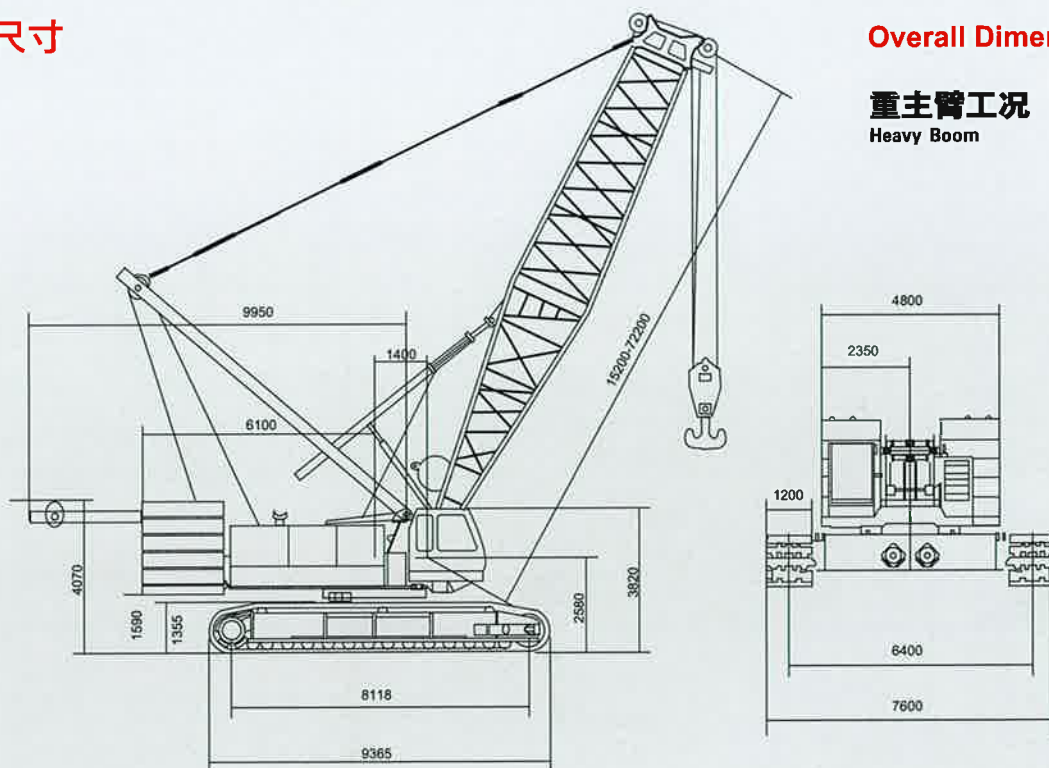
注 ① The light duty boom and some sections of luffing jib are same.

② The speed may vary with the different load.

总体尺寸

Overall Dimensions

重主臂工况 Heavy Boom





总体尺寸

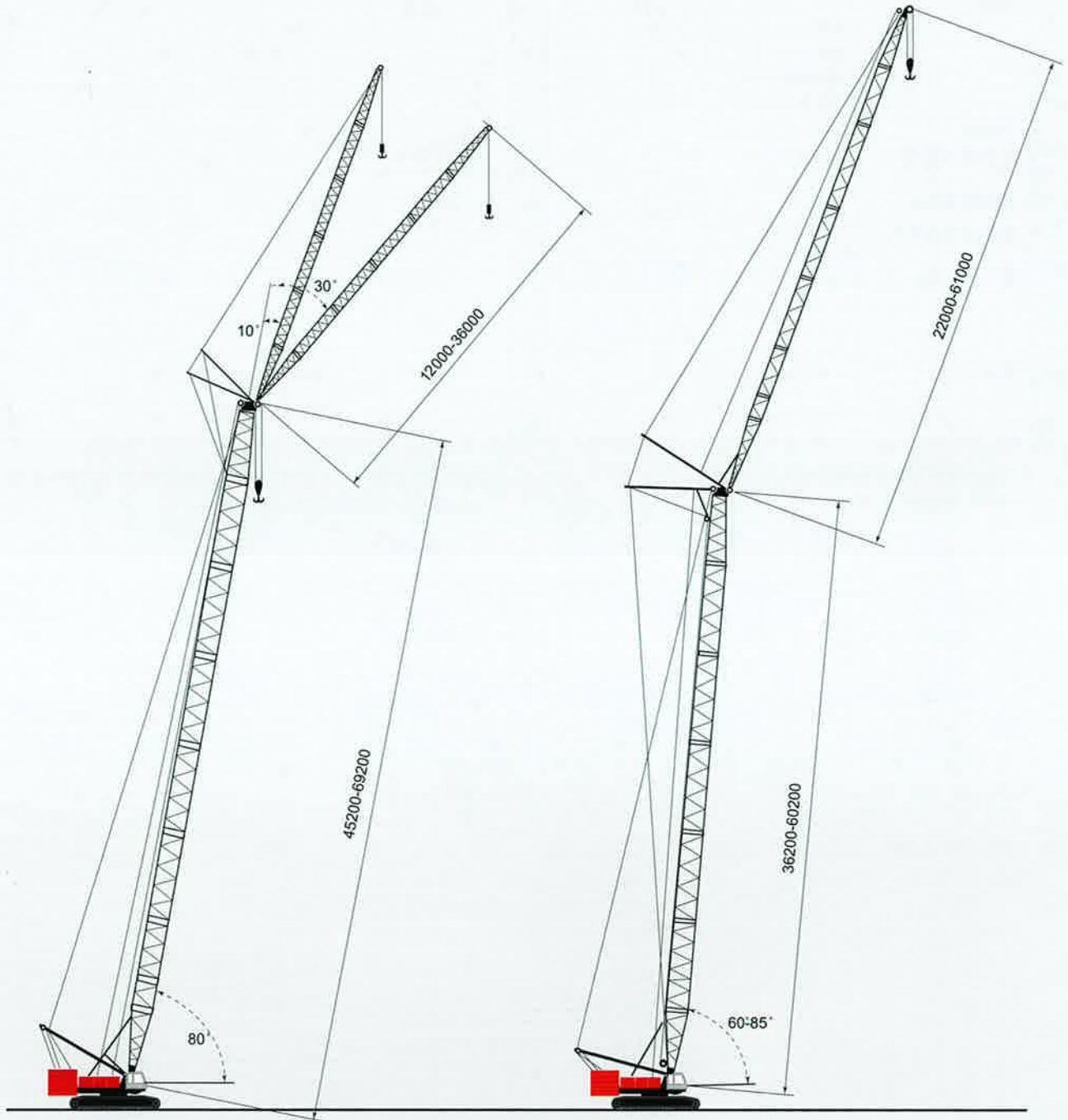
Overall Dimensions

固定副臂工况

Fixed Jib

塔臂工况

Luffing Jib



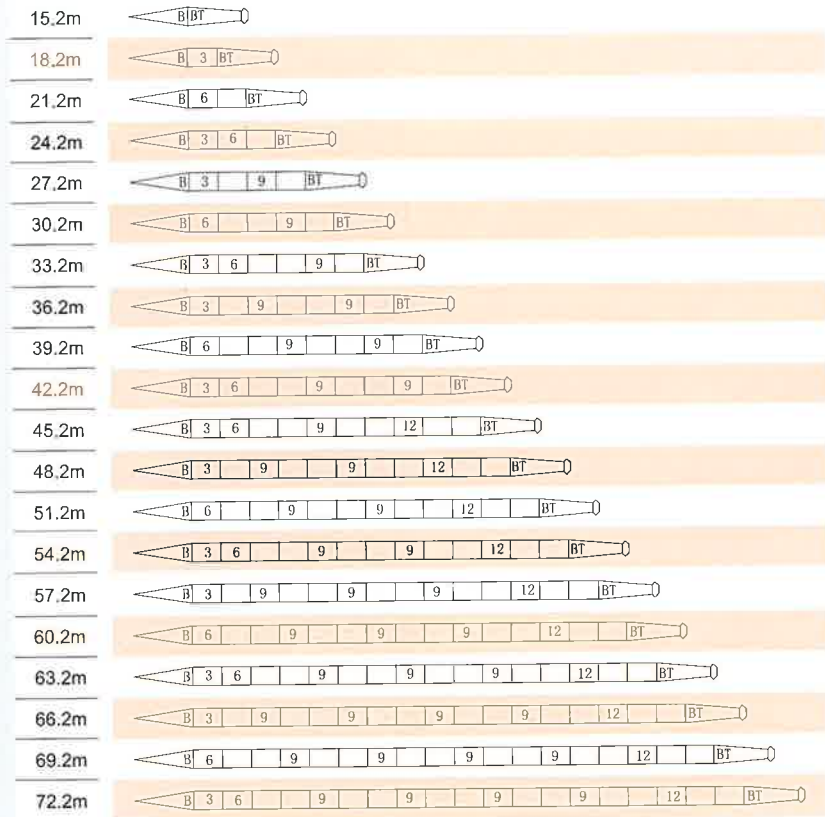
主臂和副臂组合

Boom and Jib Combinations

重主臂工况臂节组合

Heavy Boom Combination

注解



符号	臂杆长度	备注
	7.6米	7.6米主臂下臂节
	7.6米	7.6米主臂上臂节
	3米	3米主臂中间臂节
	6米	6米主臂中间臂节
	9米	9米主臂中间臂节
	12米	12米主臂中间臂节

Note

Symbol	Boom length	Remarks
	7.6m	7.6m boom foot
	7.6m	7.6m boom top
	3 m	3m boom insert
	6 m	6m boom insert
	9 m	9m boom insert
	12 m	12m boom insert

注解

符号	臂杆长度	备注
	7.6米	7.6米下臂节
	7.5米	7.5米塔臂上臂节
	6米	6米主臂中间臂节
	9米	9米主臂中间臂节
	6.7米	6.7米变径臂节
	3米	3米塔臂中间臂节
	6米	6米塔臂中间臂节
	9米	9米塔臂中间臂节

Symbol	Boom length	Remarks
	7.6m	7.6m boom foot
	7.5m	7.5m luffing jib top
	6 m	6m boom insert
	9 m	9m boom insert
	6.7m	6.7m tapered section
	3 m	3m luffing jib insert
	6 m	6m luffing jib insert
	9 m	9m luffing jib insert

重轻混合主臂工况臂节组合

Heavy and Light Boom



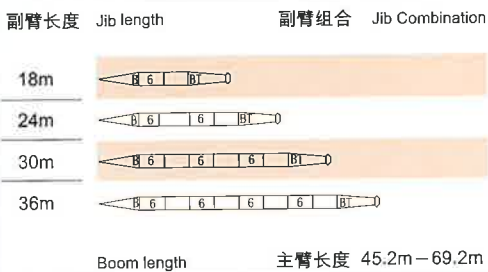
注解

符号	副臂长度	备注
	6米	6米固定副臂下臂节
	6米	6米固定副臂上臂节
	6米	6米固定副臂中间臂节

Symbol	Jib length	Remarks
	6m	6m jib foot
	6m	6m jib top
	6m	6m jib insert

固定副臂工况臂节组合

Fixed Jib Combinations





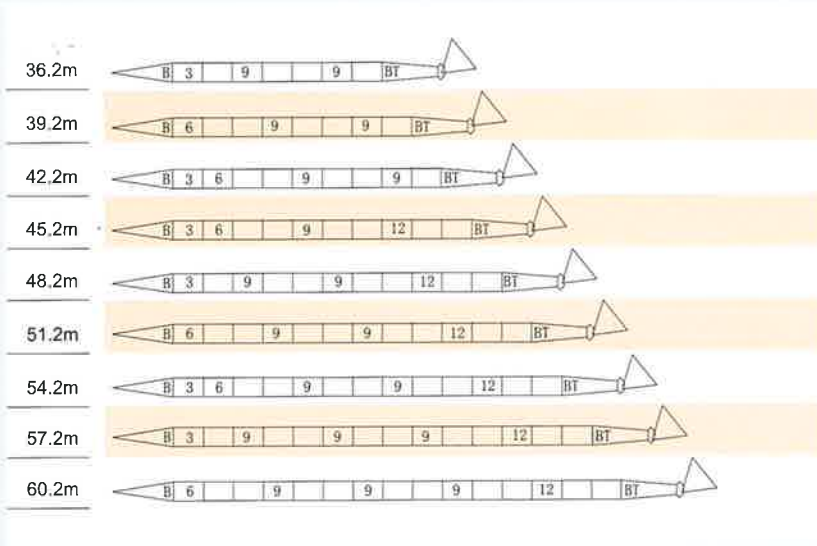
主臂和副臂组合

Boom and Jib Combinations

塔式工况主臂臂节组合

Boom combination when mounted with luffing jib

注解



符号	塔臂长度	备注
	7.6米	7.6米主臂下臂节
	7.6米	7.6米主臂上臂节
	3米	3米主臂中间臂节
	6米	6米主臂中间臂节
	9米	9米主臂中间臂节
	12米	12米主臂中间臂节

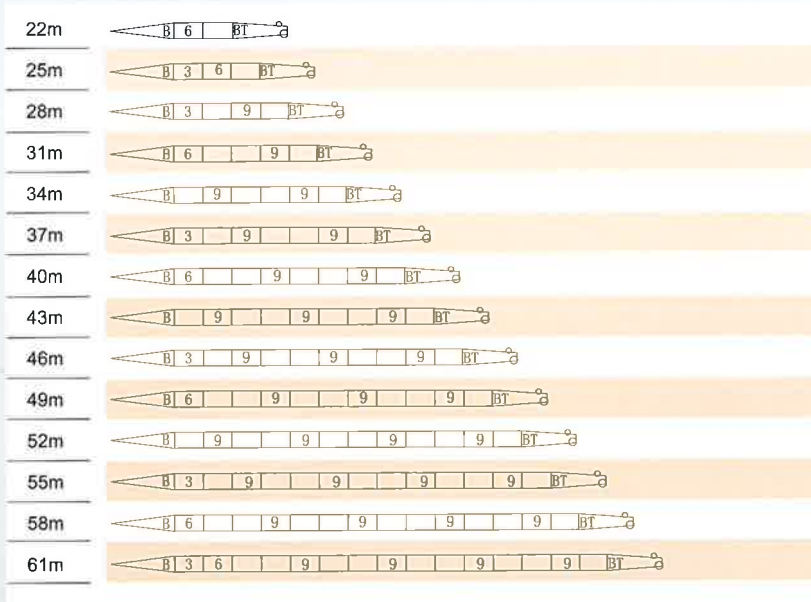
Note

Symbol	Boom length	Remarks
	7.6m	7.6m boom foot
	7.6m	7.6m boom top
	3m	3m boom insert
	6m	6m boom insert
	9m	9m boom insert
	12m	12m boom insert

塔式工况塔臂节组合

Luffing jib combination

注解



符号	塔式工况副臂长度	备注
	8.5米	8.5米塔臂下臂节
	7.5米	7.5米塔臂上臂节
	3米	3米塔臂中间臂节
	6米	6米塔臂中间臂节
	9米	9米塔臂中间臂节

Note

Symbol	Length of luffing jib	Remarks
	8.5m	8.5m luffing jib foot
	7.5m	3m luffing jib top
	3m	3m luffing jib insert
	6m	6m luffing jib insert
	9m	9m luffing jib insert

重主臂工况载荷表

Load Chart (Heavy Boom)



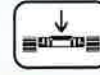
15.2m-72.2m



360°

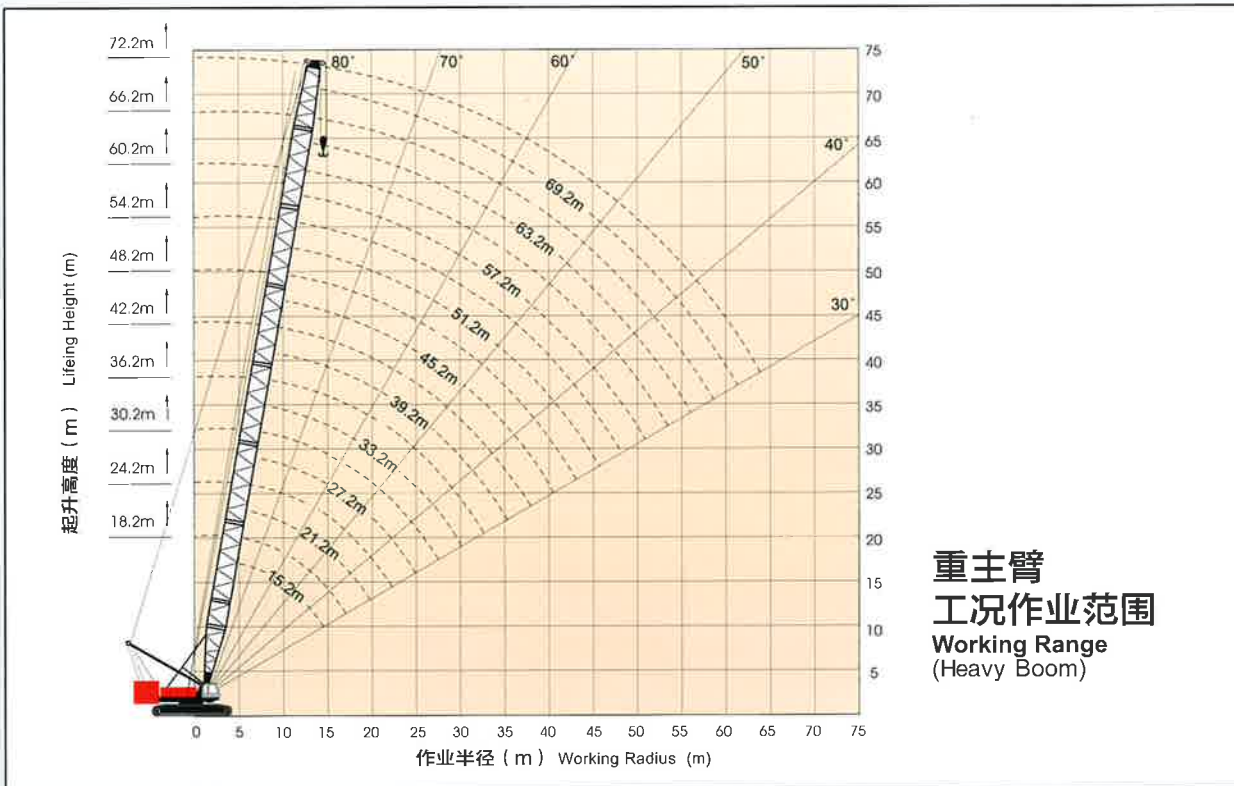


86.6t



16.7t

m	15.2	21.2	27.2	33.2	39.2	45.2	51.2	57.2	63.2	69.2	72.2	m
4.8	250.0											4.8
5.0	250.0	200.0/5.9										5.0
6.0	210.0	195.0	162.4/6.9									6.0
7.0	175.0	166.1	160.1									7.0
8.0	159.1	150.5	142.9	133.9								8.0
9.0	135.2	128.6	122.7	117.5	112.2							9.0
10.0	117.6	112.3	107.6	103.2	99.2	93.4	80.8/11.1					10.0
12.0	91.3	89.2	85.8	82.8	79.9	77.2	74.5	71.8/12.1	62.9/13.2			12.0
14.0	73.9	73.5	71.3	68.9	66.6	64.5	62.5	60.3	58.2	54.0/14.2	49.5/14.7	14.0
15.0	67.6/14.9	67.0	65.8	63.7	61.6	59.6	57.7	55.8	54.0	50.9	49.0	15.0
16.0		61.7	61.0	59.1	57.2	55.4	54.1	52.7	51.1	48.2	46.7	16.0
18.0		52.9	52.4	51.5	49.9	48.3	47.1	45.9	44.5	43.3	41.9	18.0
20.0		46.3	45.7	45.1	44.1	42.7	41.6	40.5	39.3	38.2	37.6	20.0
22.0		45.9/20.1	40.4	39.8	39.3	38.1	37.1	36.1	35.1	34.0	33.5	22.0
24.0			36.2	35.6	34.9	34.3	33.4	32.5	31.5	30.5	30.1	24.0
26.0			34.2/25.3	32.1	31.4	30.8	30.2	29.5	28.5	27.6	27.1	26.0
28.0				29.1	28.5	27.8	27.3	26.7	25.9	25.1	24.6	28.0
30.0				26.6	25.9	25.3	24.7	24.2	23.6	22.8	22.4	30.0
32.0				26.3/30.3	23.8	23.2	22.6	21.9	21.3	20.8	20.5	32.0
34.0					21.9	21.2	20.6	20.1	19.5	18.8	18.5	34.0
36.0					22.4/35.7	19.6	19.0	18.4	17.8	17.2	16.8	36.0
38.0						18.1	17.5	16.9	16.3	15.7	15.3	38.0
40.0						16.8	16.1	15.6	15.0	14.3	14.0	40.0
42.0							15.0	14.3	13.7	13.1	12.9	42.0
44.0							13.9	13.3	12.7	12.0	11.7	44.0
46.0							12.9	12.3	11.6	11.1	10.8	46.0
48.0								11.4	10.8	10.1	9.8	48.0
50.0								10.6	9.9	9.3	9.0	50.0
52.0									9.2	8.6	8.3	52.0
54.0									8.5	7.9	7.5	54.0
56.0									7.8	7.2	6.8	56.0
58.0										6.5	6.2	58.0
60.0										6.0	5.6	60.0
62.0										5.4	5.1	62.0
64.0											4.6	64.0





辅助臂工况载荷表

Load Chart (Assistant Boom)



15.2m-72.2m



360°

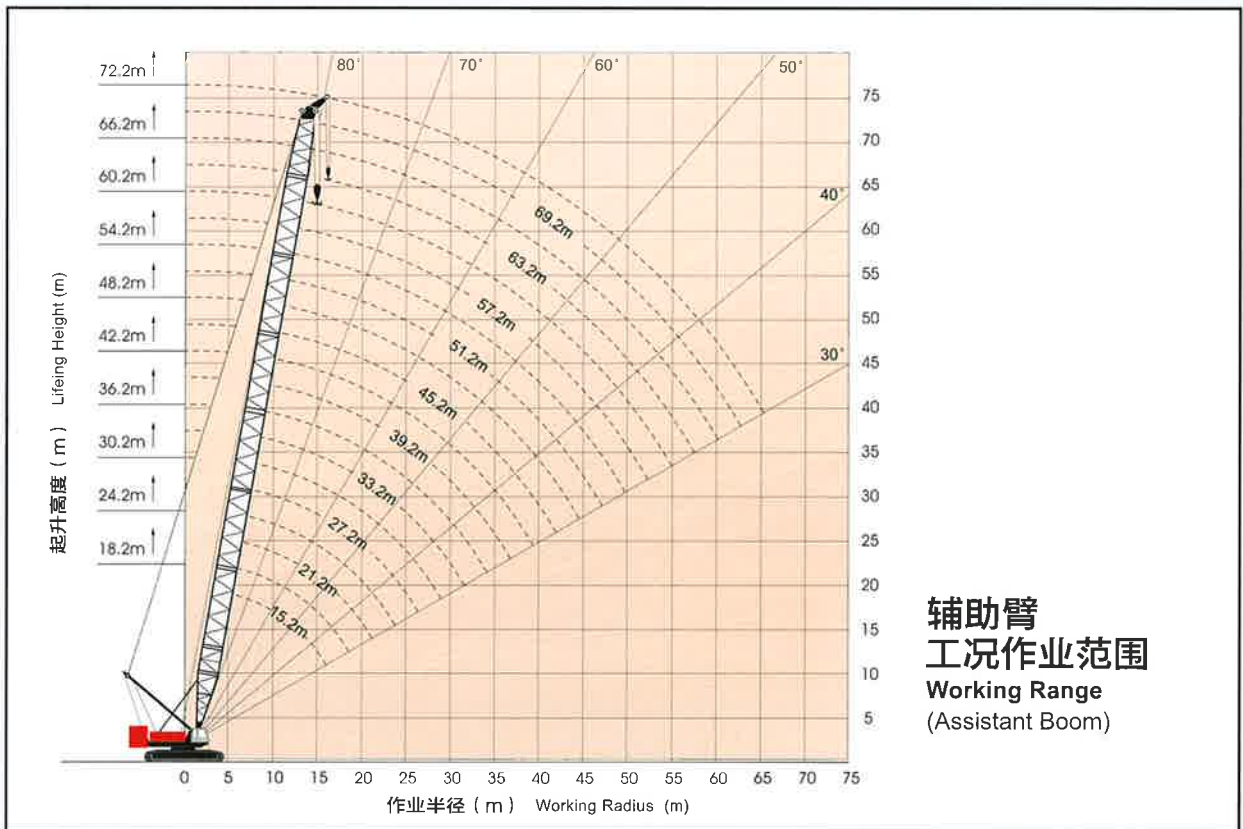


86.6t



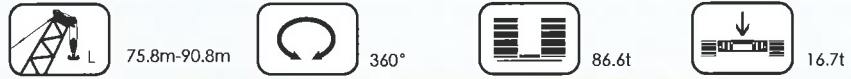
16.7t

m	15.2	21.2	27.2	33.2	39.2	45.2	51.2	57.2	63.2	69.2	72.2	m
6.0	25.0/6.2											6.0
7.0	25.0	25.0/7.3										7.0
8.0	25.0	25.0	25.0/8.3									8.0
9.0	25.0	25.0	25.0	25.0/9.4								9.0
10.0	25.0	25.0	25.0	25.0	25.0/10.4	25.0/11.4						10.0
12.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0/12.5	25.0/13.5				12.0
14.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0/14.6			14.0
15.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0/15.6		15.0
16.0	25.0/16.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0/16.1	16.0
18.0		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	18.0
20.0		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	20.0
22.0		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	22.0
24.0			25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.0
26.0			25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	26.0
28.0			25.0/27.3	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.6	28.0
30.0				25.0	25.0	25.0	24.7	24.2	23.6	22.8	22.4	30.0
32.0				24.4	23.8	23.2	22.6	21.9	21.3	20.8	20.5	32.0
34.0				24.0/32.5	21.9	21.2	20.6	20.1	19.5	18.8	18.5	34.0
36.0					20.2	19.6	19.0	18.4	17.8	17.2	16.8	36.0
38.0					18.9/37.7	18.1	17.5	16.9	16.3	15.7	15.3	38.0
40.0						16.8	16.1	15.6	15.0	14.3	14.0	40.0
42.0						15.6	15.0	14.3	13.7	13.1	12.9	42.0
44.0							13.9	13.3	12.7	12.0	11.7	44.0
46.0							12.9	12.3	11.6	11.1	10.8	46.0
48.0							12.0	11.4	10.8	10.1	9.8	48.0
50.0								10.6	9.9	9.3	9.0	50.0
52.0								9.8	9.2	8.6	8.3	52.0
54.0									8.5	7.9	7.5	54.0
56.0									7.8	7.2	6.8	56.0
58.0									7.2	6.5	6.2	58.0
60.0										6.0	5.6	60.0
62.0										5.4	5.1	62.0
64.0											4.6	64.0

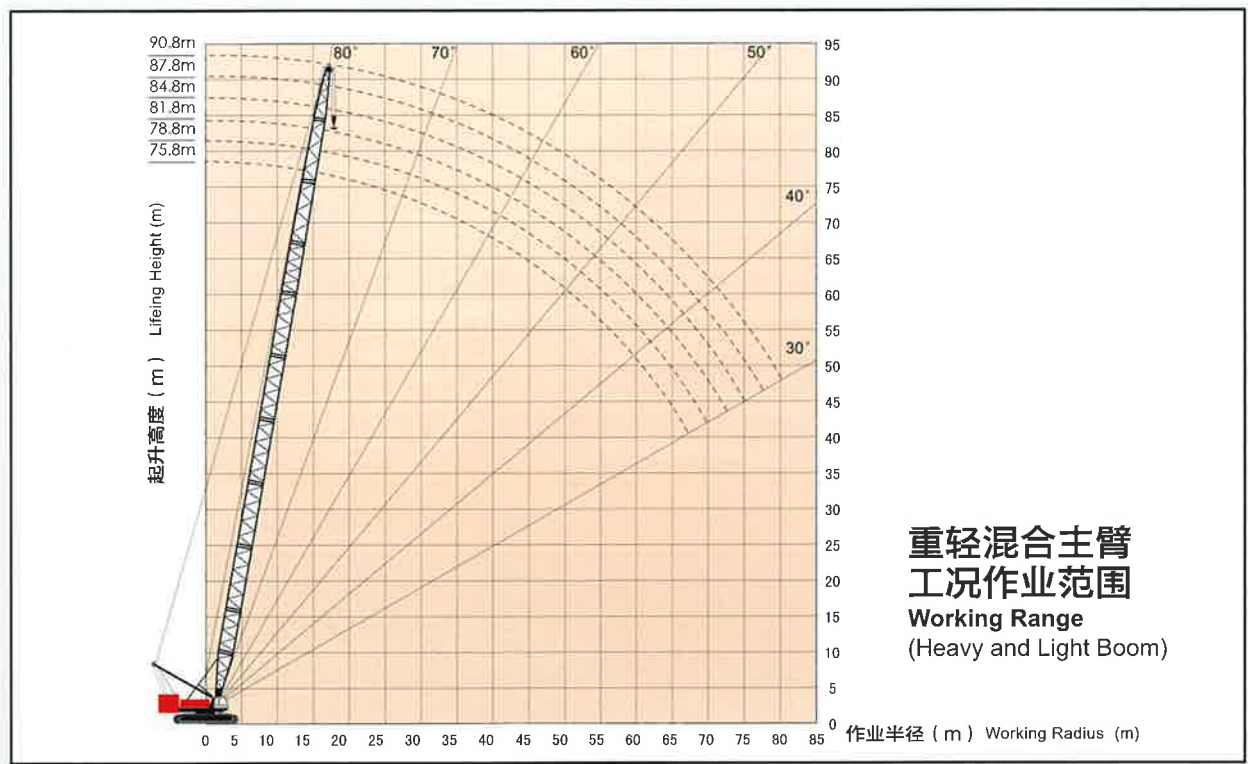


重轻混合主臂工况载荷表

Load Chart (Heavy and Light Boom)




	75.8	78.8	81.8	84.8	87.8	90.8	
14	31.5/15.0	29.1/15.5					14
16	31.1	28.9	25.8	22.9/16.6	20.0/17.1	17.6/17.6	16
18	30.4	28.3	25.4	22.5	19.7	17.4	18
20	29.7	27.7	24.6	21.9	19.0	16.7	20
22	27.7	27.0	24.0	21.3	18.2	15.8	22
24	25.2	24.6	23.4	20.6	17.4	15.2	24
26	23.0	22.5	22.0	20.0	16.7	14.8	26
28	21.1	20.6	20.2	19.4	15.9	14.3	28
30	19.4	19.0	18.6	18.1	15.2	13.7	30
32	17.9	17.5	17.1	16.7	14.6	13.1	32
34	16.6	16.2	15.9	15.4	13.9	12.5	34
36	15.4	15.1	14.7	14.3	13.3	12.0	36
38	14.3	14.0	13.7	13.3	12.7	11.5	38
40	13.3	13.0	12.7	12.4	12.1	10.9	40
42	12.4	12.2	11.9	11.5	11.2	10.4	42
44	11.6	11.4	11.1	10.7	10.5	9.9	44
46	10.9	10.6	10.4	10.0	9.8	9.4	46
48	10.2	10.0	9.7	9.4	9.1	8.8	48
50	9.6	9.3	9.1	8.8	8.5	8.2	50
52	9.0	8.8	8.5	8.2	8.0	7.6	52
54	8.5	8.2	8.0	7.7	7.5	7.1	54
56	8.0	7.7	7.5	7.2	7.0	6.7	56
58	7.5	7.3	7.1	6.8	6.5	6.2	58
60	7.1	6.9	6.6	6.3	6.1	5.8	60
62	6.7	6.5	6.2	5.9	5.7	5.4	62
64	6.3	6.1	5.9	5.6	5.4	5.1	64
66	5.8	5.7	5.5	5.2	5.0	4.7	66
68	5.5	5.3	5.2	4.9	4.7	4.4	68
70		4.9	4.8	4.6	4.4	4.1	70
72			4.5	4.2	4.1	3.8	72
74			4.4	3.9	3.8	3.5	74
76				3.7	3.5	3.3	76
78					3.2	3.0	78
80						2.6	80




固定副臂工况载荷表


Load Chart (Fixed jib)




45.2m-69.2



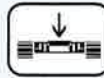
10° , 30°
18m-36m



360°




86.6t




16.7t


主臂长度51.2米 Boom length 51.2m									
m	18		24		30		36		m
	10°	30°	10°	30°	10°	30°	10°	30°	
14.0m									14.0m
18.0m	18.6								18.0m
22.0m	18.0	16.3/22.7	13.8		10.5		7.4/23.5		22.0m
26.0m	17.5	16.1	13.3	12.0/26.5	10.2		7.3		26.0m
30.0m	17.0	15.7	12.9	11.8	9.9	8.9/30.4	7.1		30.0m
34.0m	16.6	15.3	12.6	11.6	9.6	8.7	6.9	6.1/34.3	34.0m
38.0m	16.2	14.9	12.2	11.4	9.3	8.5	6.7	5.7	38.0m
42.0m	15.4	14.5	11.9	11.2	9.1	8.4	6.5	5.4	42.0m
46.0m	13.1	13.8	11.6	11.0	8.8	8.2	6.2	5.1	46.0m
50.0m	11.2	11.8	11.4	10.8	8.6	8.1	5.8	4.8	50.0m
54.0m	9.6	10.1	10.0	10.6	8.4	7.9	5.5	4.6	54.0m
58.0m	8.3	8.6	8.6	9.2	8.2	7.7	5.2	4.4	58.0m
62.0m	7.1	7.3	7.4	7.9	7.7	7.5	4.9	4.2	62.0m
66.0m			6.4	6.7	6.6	7.2	4.6	4.0	66.0m
70.0m				5.6	5.7	6.1	4.3	3.9	70.0m
74.0m					4.9	5.1	4.1	3.9	74.0m
78.0m							3.9	3.7	78.0m
82.0m								3.5	82.0m
86.0m									86.0m




45.2m-69.2



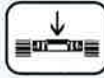
10° , 30°
18m-36m



360°



86.6t



16.7t

主臂长度54.2米 Boom length 54.2m									
m	18		24		30		36		m
	10°	30°	10°	30°	10°	30°	10°	30°	
14.0m									14.0m
18.0m	18.6								18.0m
22.0m	18.0	16.2/23.6	13.8		10.5		7.3		22.0m
26.0m	17.5	16.1	13.3	12.0/27.0	10.2		7.3		26.0m
30.0m	17.0	15.7	12.9	11.8	9.9	8.9/31.0	7.1		30.0m
34.0m	16.6	15.3	12.6	11.6	9.6	8.7	6.9	6.0/34.8	34.0m
38.0m	16.2	14.9	12.2	11.4	9.3	8.5	6.7	5.7	38.0m
42.0m	15.0	14.5	11.9	11.2	9.1	8.4	6.5	5.4	42.0m
46.0m	12.8	13.5	11.6	11.0	8.8	8.2	6.2	5.1	46.0m
50.0m	10.9	11.5	11.3	10.8	8.6	8.1	5.8	4.8	50.0m
54.0m	9.3	9.8	9.7	10.4	8.4	7.9	5.5	4.6	54.0m
58.0m	7.9	8.3	8.3	8.9	8.2	7.7	5.2	4.4	58.0m
62.0m	6.8	7.0	7.1	7.6	7.4	7.5	4.9	4.2	62.0m
66.0m	5.8/65.4	5.9	6.1	6.4	6.3	6.9	4.6	4.0	66.0m
70.0m			5.1	5.4	5.4	5.9	4.3	3.9	70.0m
74.0m				4.7/72.5	4.6	4.9	4.1	3.9	74.0m
78.0m					4.1/76.6	4.0	4.0	4.4	78.0m
82.0m							3.4	3.6	82.0m
86.0m								3.2/84.5	86.0m



固定副臂工况载荷表

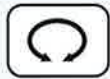
Load Chart (Fixed jib)



45.2m-69.2



10° , 30°
18m-36m



360°



86.6t



16.7t

主臂长度57.2米 Boom length 57.2m									
m	18		24		30		36		m
	10°	30°	10°	30°	10°	30°	10°	30°	
14.0m									14.0m
18.0m	18.6/18.4								18.0m
22.0m	18.0	16.2/23.7	13.8		10.4/22.6				22.0m
26.0m	17.5	16.1	13.3	11.9/27.6	10.2		7.3		26.0m
30.0m	17.0	15.7	12.9	11.8	9.9	8.9/31.4	7.1		30.0m
34.0m	16.6	15.3	12.6	11.6	9.6	8.7	6.9	6.0/35.4	34.0m
38.0m	16.2	14.9	12.2	11.4	9.3	8.5	6.7	5.7	38.0m
42.0m	14.7	14.5	11.9	11.2	9.1	8.4	6.5	5.4	42.0m
46.0m	12.4	13.2	11.6	11.0	8.8	8.2	6.2	5.1	46.0m
50.0m	10.5	11.2	10.9	10.8	8.6	8.1	5.8	4.8	50.0m
54.0m	9.0	9.5	9.3	10.1	8.4	7.9	5.5	4.6	54.0m
58.0m	7.6	8.0	7.9	8.6	8.2	7.7	5.2	4.4	58.0m
62.0m	6.4	6.8	6.8	7.3	7.0	7.5	4.9	4.2	62.0m
66.0m	5.4	5.6	5.7	6.2	6.0	6.6	4.6	4.0	66.0m
70.0m		4.8/69.2	4.8	5.1	5.1	5.6	4.3	3.9	70.0m
74.0m			4.1/73.6	4.2	4.2	4.7	4.1	3.8	74.0m
78.0m					3.5	3.8	3.7	3.7	78.0m
82.0m						3.2/81.1	3.1	3.4	82.0m
86.0m							2.9/84.8	2.8	86.0m
90.0m									90.0m



45.2m-69.2



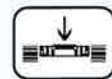
10° , 30°
18m-36m



360°



86.6t



16.7t

主臂长度60.2米 Boom length 60.2m									
m	18		24		30		36		m
	10°	30°	10°	30°	10°	30°	10°	30°	
14.0m									14.0m
18.0m	18.4/19.0								18.0m
22.0m	18.0		13.8		10.4/23.0				22.0m
26.0m	17.5	16.1	13.3		10.2		7.3		26.0m
30.0m	17.0	15.7	12.9	11.8	9.9		7.1		30.0m
34.0m	16.6	15.3	12.6	11.6	9.6	8.7	6.9		34.0m
38.0m	16.2	14.9	12.2	11.4	9.3	8.5	6.7	5.7	38.0m
42.0m	14.4	14.5	11.9	11.2	9.1	8.4	6.5	5.4	42.0m
46.0m	12.1	12.9	11.6	11.0	8.8	8.2	6.2	5.1	46.0m
50.0m	10.2	10.9	10.6	10.8	8.6	8.1	5.8	4.8	50.0m
54.0m	8.6	9.2	9.0	9.9	8.4	7.9	5.5	4.6	54.0m
58.0m	7.3	7.8	7.6	8.4	7.9	7.7	5.2	4.4	58.0m
62.0m	6.1	6.5	6.4	7.0	6.7	7.5	4.9	4.2	62.0m
66.0m	5.0	5.3	5.4	5.9	5.7	6.4	4.6	4.0	66.0m
70.0m	4.1	4.3	4.5	4.9	4.7	5.3	4.3	3.9	70.0m
74.0m			3.7	3.9	3.9	4.4	4.1	3.9	74.0m
78.0m				3.2	3.3	3.6	3.4	3.7	78.0m
82.0m					2.7	2.9	2.9	3.5	82.0m
86.0m							2.4	3.3	86.0m
90.0m								2.0	90.0m



固定副臂工况载荷表

Load Chart (Fixed jib)



45.2m-69.2



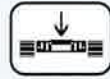
10° , 30°
18m-36m



360°

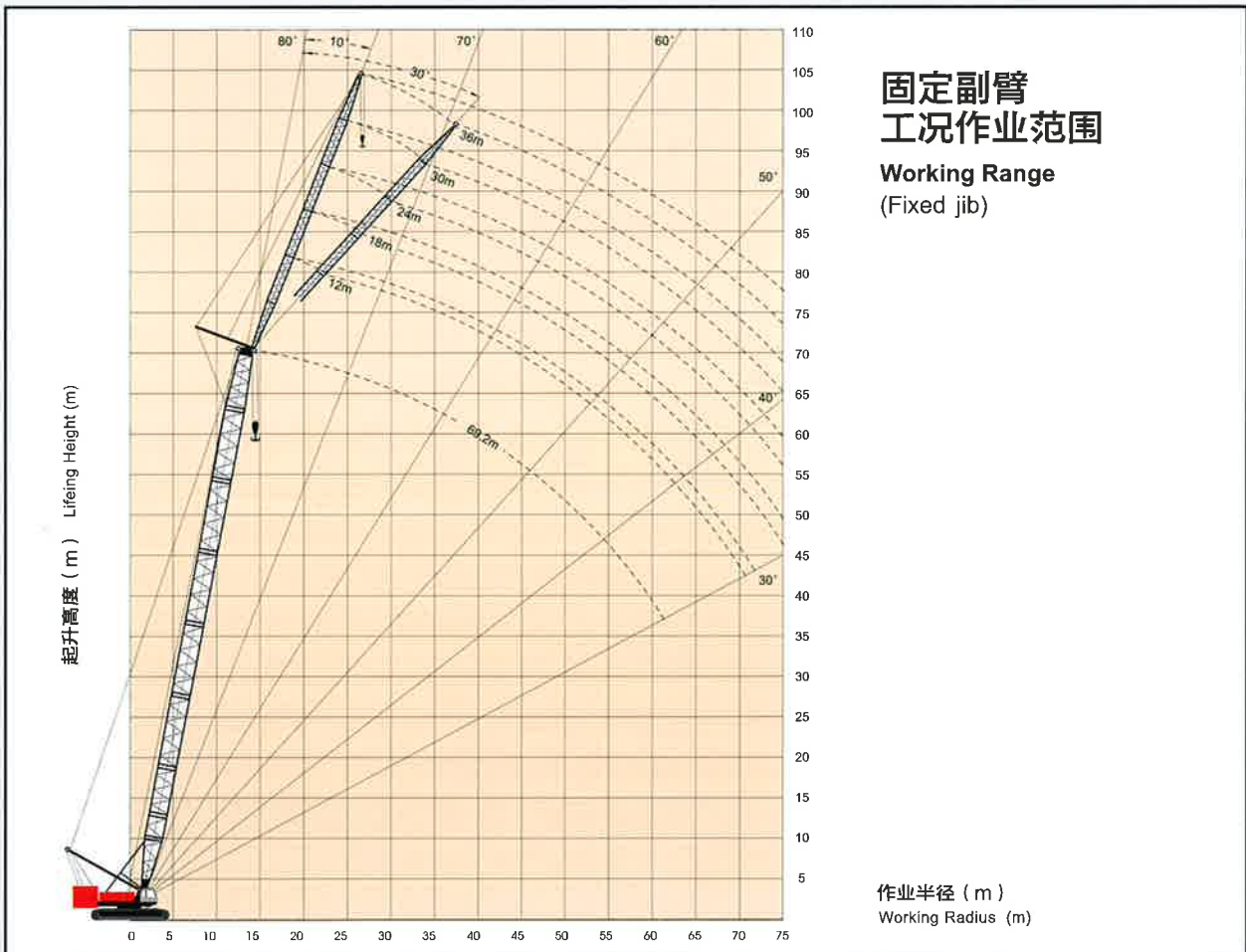


86.6t



16.7t

主臂长度69.2米 Boom length 69.2m									
m	18		24		30		36		m
	10°	30°	10°	30°	10°	30°	10°	30°	
14.0m									14.0m
18.0m									18.0m
22.0m	18.0		13.8/22.8						22.0m
26.0m	17.5	16.1	13.3						26.0m
30.0m	17.0	15.7	12.9	11.8					30.0m
34.0m	16.6	15.3	12.6	11.6					34.0m
38.0m	16.2	14.9	12.2	11.4					38.0m
42.0m	13.4	14.5	11.9	11.2					42.0m
46.0m	11.1	12.1	11.5	11.0					46.0m
50.0m	9.2	10.1	9.6	10.8					50.0m
54.0m	7.6	8.4	8.0	9.0					54.0m
58.0m	6.2	6.9	6.6	7.5					58.0m
62.0m	5.0	5.6	5.4	6.2					62.0m
66.0m	4.1	4.5	4.4	5.1					66.0m
70.0m	3.3	3.6	3.6	4.0					70.0m
74.0m	2.6	2.9	2.9	3.3					74.0m
78.0m	2.1/78.0	2.2/79.4	2.3	2.6					78.0m





塔式工况载荷表

Load Chart (Luffing jib)



60° - 85°
36.2m-60.2m



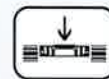
22m-61m



360°



86.6t



16.7t

m	39.2												m
	43				52				61				
	85°	75°	65°	60°	85°	75°	65°	60°	85°	75°	65°	60°	
18.0m													18.0m
22.0m	26.3				16.8/23.6								22.0m
26.0m	23.4				15.8				8.9				26.0m
30.0m	20.8				14.2				7.6				30.0m
34.0m	18.6	18.4/34.1			12.8				6.3				34.0m
38.0m	15.4	16.1			11.5	11.7/38.6			5.4				38.0m
42.0m	12.4	14.1			10.3	10.8			4.5	6.8/43.1			42.0m
46.0m	9.6	12.2	11.5/46.7		9.3	9.9			3.8	6.1			46.0m
50.0m		10.6	10.1		8.4	9.1			3.3	5.3			50.0m
54.0m		9.8/53.8	8.8	7.3	7.6	8.3	8.8		2.8	4.5			54.0m
58.0m			7.7	6.3		7.8	7.9	6.0/58.8	2.3	3.8	5.4/58.2		58.0m
62.0m				5.5		7.2	7.1	5.4		3.3	4.3		62.0m
66.0m							6.4	4.9		2.8	3.4	3.8	66.0m
70.0m							6.0/68.8	4.4		2.4	2.5	3.0	70.0m
74.0m											1.7	2.2	74.0m
78.0m													78.0m



60° - 85°
36.2m-60.2m



22m-61m



360°



86.6t



16.7t

m	42.2												m
	22				31				37				
	85°	75°	65°	60°	85°	75°	65°	60°	85°	75°	65°	60°	
13.0m	53.1/13.6												13.0m
16.0m	48.1				42.2/16.7								16.0m
20.0m	39.6				39.1				35.8				20.0m
24.0m	30.4	30.6/24.4			32.9				30.7				24.0m
28.0m	22.6/27.0	25.5			25.8	21.9/28.8			26.0				28.0m
32.0m		21.3			19.8	19.8			21.0	20.3			32.0m
36.0m		19.2/34.3	15.7		14.7/35.7	17.5			16.7	18.3			36.0m
40.0m			13.2	13.4		15.6	13.6/40.2		13.0	16.4			40.0m
44.0m				11.2		14.3/43.0	12.2	11.3/45.4		14.5	12.1		44.0m
48.0m							11.0	10.3		12.5	10.9	9.5/49.7	48.0m
52.0m								9.1			9.6	8.8	52.0m
56.0m											8.5/55.6	7.6	56.0m
60.0m												7.0/58.8	60.0m

m	42.2												m
	43				52				61				
	85°	75°	65°	60°	85°	75°	65°	60°	85°	75°	65°	60°	
20.0m	27.2/20.8												20.0m
24.0m	24.9				16.8								24.0m
28.0m	22.3				15.2				8.9				28.0m
32.0m	20.0				13.7				7.5				32.0m
36.0m	17.3	17.0			12.4				6.3				36.0m
40.0m	14.1	14.9			11.1	11.4			5.3				40.0m
44.0m	11.3	13.0			10.1	10.5			4.4	6.6			44.0m
48.0m	8.9/47.3	11.4	10.8		9.1	9.6			3.7	5.7			48.0m
52.0m		10.0	9.5		8.3	8.9	9.0/53.7		3.2	4.9			52.0m
56.0m		9.3/54.5	8.4	6.8	7.6	8.3	8.5		2.7	4.1			56.0m
60.0m			7.5	5.8		7.7	7.6	5.8/60.3	2.2	3.5	4.8		60.0m
64.0m				5.0		7.2/63.2	6.8	5.2	1.8	3.0	3.8		64.0m
68.0m							6.2	4.7		2.5	2.9	3.4	68.0m
72.0m								4.3		2.1/71.9	2.0	2.6	72.0m
76.0m												1.8	76.0m

塔式工况载荷表

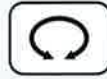
Load Chart (Luffing jib)



60° - 85°
36.2m-60.2m



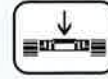
22m-61m



360°



86.6t



16.7t

m	45.2												m
	22				31				37				
	85°	75°	65°	60°	85°	75°	65°	60°	85°	75°	65°	60°	
14.0m	51.1												14.0m
18.0m	42.2				40.7				36.6/19.0				18.0m
22.0m	35.3				35.3				32.6				22.0m
26.0m	25.8				29.5				27.9				26.0m
30.0m		22.6			23.1	21.3			23.7				30.0m
34.0m		18.9			17.6	18.6			19.1	19.0			34.0m
38.0m			14.2			16.4			15.1	17.2			38.0m
42.0m			12.2	12.3		14.2	12.7		11.6/41.7	15.8			42.0m
46.0m				11.0/45.9			11.3	10.2/46.9		13.7	11.3		46.0m
50.0m							10.4	9.1		12.1/49.5	10.0	10.5/51.2	50.0m
54.0m								8.1			8.9	8.1	54.0m
58.0m											8.2/56.8	7.1	58.0m
62.0m												6.6/60.3	62.0m

m	45.2												m
	43				52				61				
	85°	75°	65°	60°	85°	75°	65°	60°	85°	75°	65°	60°	
20.0m	26.8/21.1												20.0m
24.0m	24.6				15.5/24.2								24.0m
28.0m	22.1				13.9				8.2				28.0m
32.0m	19.8				12.4				6.9				32.0m
36.0m	17.7	16.5			11.1				5.7				36.0m
40.0m	14.3	14.5			9.8	11.2/40.5			4.8				40.0m
44.0m	11.5	12.7			8.8	10.3			3.9	6.1/44.6			44.0m
48.0m	9.0/47.5	11.1	10.0/49.2		7.8	9.4			3.3	5.2			48.0m
52.0m		9.8	9.1		7.0	8.5			2.8	4.4			52.0m
56.0m		9.0/55.3	8.1	6.5	6.3	7.9	7.9		2.3	3.7			56.0m
60.0m			7.2	5.5		7.2	7.0	5.3/61.8	1.9	3.1	4.0/60.8		60.0m
64.0m			6.7/62.6	4.8		6.6	6.2	4.9		2.6	3.4		64.0m
68.0m							5.6	4.3		2.2	2.5	3.0/68.2	68.0m
72.0m							5.3/71.3	3.9			1.8	2.3	72.0m
76.0m								3.6/74.8					76.0m



60° - 85°
36.2m-60.2m



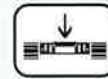
22m-61m



360°



86.6t



16.7t

m	48.2												m
	22				31				37				
	85°	75°	65°	60°	85°	75°	65°	60°	85°	75°	65°	60°	
14.0m	49.0/14.2												14.0m
18.0m	40.5				39.5				35.0/19.3				18.0m
22.0m	33.9				34.2				31.7				22.0m
26.0m	26.6	25.8			28.6				27.3				26.0m
30.0m		21.9			23.5	20.6/30.4			23.3				30.0m
34.0m		18.5			18.0	18.2			19.4	17.7			34.0m
38.0m			14.4			16.1			15.4	16.3			38.0m
42.0m			12.6	11.8		14.0	11.9/42.8		11.6	15.1			42.0m
46.0m				10.5		13.0/44.5	10.9			13.3	10.3/46.6		46.0m
50.0m							9.9	8.7		11.8	9.3		50.0m
54.0m								7.7			8.3	6.4	54.0m
58.0m											7.4	5.5	58.0m
62.0m												4.8/61.8	62.0m



塔式工况载荷表

Load Chart (Luffing jib)



60° - 85°
36.2m-60.2m



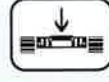
22m-61m



360°



86.6t



16.7t

m	57.2												m	
	40				43				52					
	85°	75°	65°	60°	85°	75°	65°	60°	85°	75°	65°	60°		
20.0m	27.3/21.1													20.0m
24.0m	24.8				22.9				13.9/25.3					24.0m
28.0m	21.9				20.3				12.9					28.0m
32.0m	19.1				18.1				11.5					32.0m
36.0m	16.7	13.6/37.3			16.0				10.3					36.0m
40.0m	14.6	12.5			14.3	12.6			9.2					40.0m
44.0m	11.7	11.3			12.3	11.2			8.2	9.8				44.0m
48.0m		10.2			9.7	10.0			7.3	8.9				48.0m
52.0m		9.5	6.1/52.3			9.0			6.6	8.0				52.0m
56.0m		8.8/55.5	5.5			8.2	5.2		6.0	7.4				56.0m
60.0m			4.9	3.2		7.7/58.4	4.6	3.0/61.4		6.7	4.3			60.0m
64.0m			4.5	2.7			4.2	2.7		6.1	3.7			64.0m
68.0m				2.3			3.8/67.7	2.2		5.6/67.0	3.3	2.5		68.0m
72.0m											2.9	2.1		72.0m
76.0m											2.6	1.8		76.0m
80.0m														80.0m



60° - 85°
36.2m-60.2m



22m-61m



360°



86.6t



16.7t

m	60.2												m	
	31				34				37					
	85°	75°	65°	60°	85°	75°	65°	60°	85°	75°	65°	60°		
18.0m	31.2/18.3				28.2/19.3									18.0m
22.0m	26.8				25.1				25.8					22.0m
26.0m	22.8				21.7				22.7					26.0m
30.0m	19.8				18.9				19.7					30.0m
34.0m	17.3	15.3			16.7	15.3/35.0			17.1					34.0m
38.0m	15.6/37.2	13.7			14.7	14.0			14.7	13.4				38.0m
42.0m		12.1				12.3			12.5	12.1				42.0m
46.0m		10.8	7.2/47.8			10.9				10.9				46.0m
50.0m			6.6			9.6	6.4			9.7	5.8/51.7			50.0m
54.0m			5.8	4.1/54.4			5.6			8.7/53.4	5.3			54.0m
58.0m			5.3/57.4	3.7			4.9	3.5			4.7	3.4/58.7		58.0m
62.0m				3.3			4.5/60.3	3.1			4.1	2.9		62.0m
66.0m								2.8/65.0				2.5		66.0m
70.0m														70.0m

m	60.2												m	
	40				43				52					
	85°	75°	65°	60°	85°	75°	65°	60°	85°	75°	65°	60°		
22.0m	24.9				22.9/22.4									22.0m
26.0m	22.0				20.7				13.6					26.0m
30.0m	19.5				18.4				12.1					30.0m
34.0m	17.1				16.3				10.9					34.0m
38.0m	14.9	13.0			14.5	12.4/39.5			9.7					38.0m
42.0m	12.8	12.0			12.9	11.5			8.7					42.0m
46.0m					11.3	10.2			7.7	9.1				46.0m
50.0m	10.9	11.1			9.4/48.8	9.1			7.0	8.3				50.0m
54.0m		10.3	5.2			8.2	5.0/55.6		6.3	7.4				54.0m
58.0m		9.6	4.6			7.5	4.6		5.8/57.5	6.8				58.0m
62.0m			4.0	2.9			4.1	2.8/62.9		6.2	3.6			62.0m
66.0m			3.4	2.4			3.7	2.5		5.6	3.2			66.0m
70.0m				2.0			3.4/69.0	2.1			2.8	2.3		70.0m
74.0m											2.4	2.0		74.0m
78.0m														78.0m

载荷表说明

Notes for Load Chart

说明

- 1.本起重机符合GB3811标准,同时又满足 ISO 4302、ISO 4305标准。
- 2.载荷表所表示的额定总载荷值为水平坚硬地面上,理想作业条件的最大允许值。
- 3.载荷表所示的值以吨为单位,并基于倾翻力矩78%以内的值。
- 4.载荷表所示的值基于平衡负载而计算,不包括如突然停止的冲击负载,地表状况,风力负荷及操作速度等影响。如在此条件下,驾驶员必须进行减载作业,同时,载荷表中的值还要扣除如吊钩、吊具等的自重。

吊钩自重

250吨钩.....3.98吨, 200吨钩.....3.53吨, 150吨钩.....2.67吨,

80吨钩.....1.43吨, 35吨钩.....1.13吨, 13.5吨钩.....0.68吨。

- 5.带副臂和副钩而采用主钩吊重时,应按下表从单主臂吊重工况载荷表中,减去等效重量。

副臂长度 (m)	12	18	24	30	36
副臂安装角10°	5.1	6.5	8.0	9.7	11.5
副臂安装角30°	5.9	7.8	10.0	12.5	15.2

- 6.固定副臂载荷表是双倍率工况载荷表。单倍率工作时,相同臂架组合而且相同作业半径下起重能力与双倍率一致,但是不需大于13.5吨。

- 7.当塔式副臂接22米时,塔臂臂头必须加1吨平衡压重,同时载荷相应折减1吨,且工作时吊钩不允许落地,不工作时副臂角度应在安全角度(65°)以下。

- 8.平衡重质量为86.6t。

- 9.侧面时的稳定值最小。

Notes

- 1.Ratings according to GB3811, ISO4302 and ISO4305.
- 2.The rated lifting capacity in the table is the maximum allowed value when the crane works on the level and firm ground and under the ideal conditions.
- 3.The unit in the table is ton and the rated lifting capacity is 78% of tipping load
- 4.The rated lifting capacity in the table is calculated based on the stable load, not including impacting load, the hard condition of the ground and operating speed. So the driver should reduce the corresponding load from the rated lifting capacity. The weight of hook and slings should also be deducted from the rated lifting capacity.

Weight of hook:

250t hook-----3.98t, 200t hook-----3.53t, 150t hook-----2.67t.

80t hook-----1.43t, 35t hook-----1.13t, 13.5t hook-----0.68t

- 5.When using main hook to hoist the load in case of mounting the jib and aux. hook on the top of boom, the rated lifting capacity in load chart (standard boom) should deduct the equivalent weight of jib as shown in the table below.

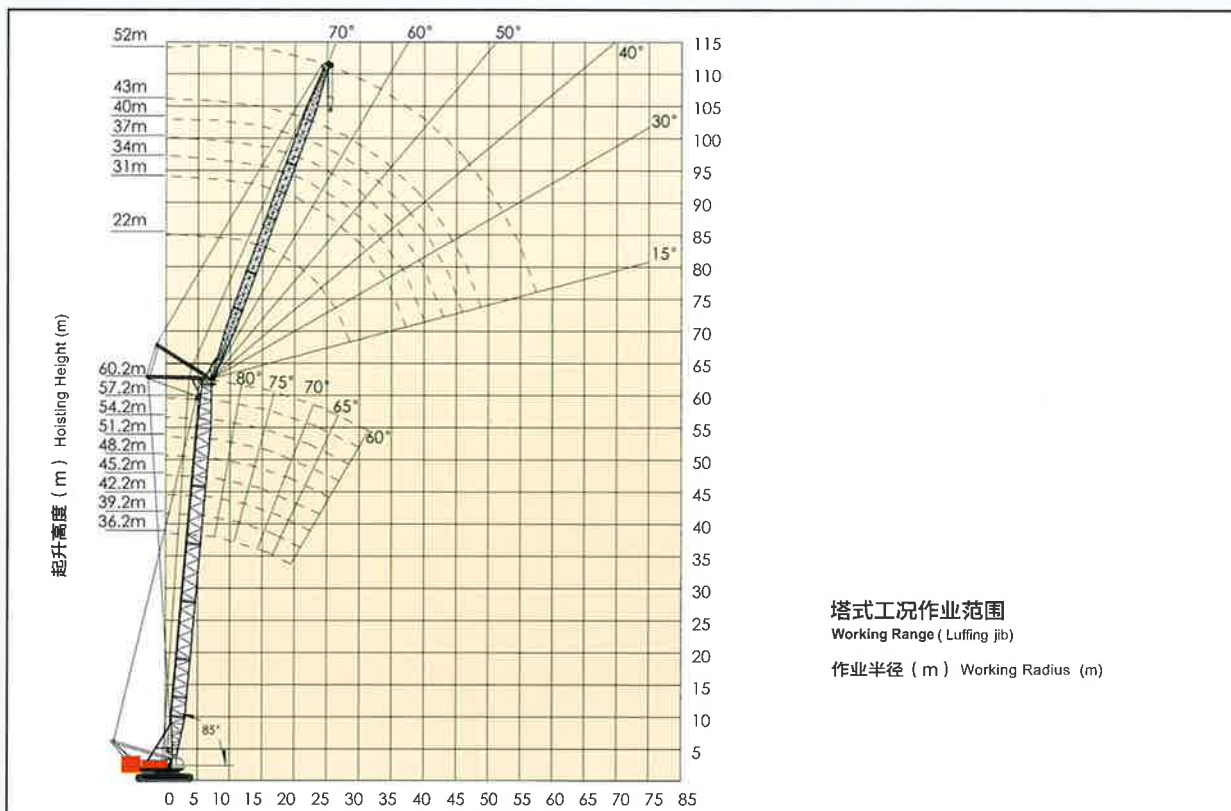
Jib length(m)	12	18	24	30	36
Jib angle 10°	5.1	6.5	8.0	9.7	11.5
Jib angle 30°	5.9	7.8	10.0	12.5	15.2

- 6.The load chart of fixed jib is often under the working conditions of double parts of line of wire rope. When the crane is working with single part of line of wire rope, the lifting capacity is same as that of double parts of line in same boom combination and working radius. But the maximum load should not exceed 13.5t.

- 7.When luffing jib is 22m, 1ton ballast should be installed on luffing jib top. 1 ton load should be deducted correspondingly. The hook should be kept suspending and should never touch the ground. The luffing jib angle should be less than 65° when the hook does not lift any load.

- 8.The counterweight is 86.6t.

- 9.Least stable rated position is over the side.

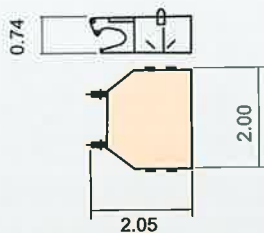
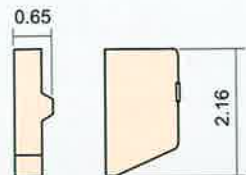
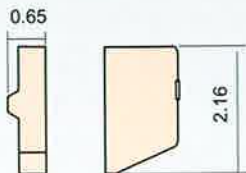
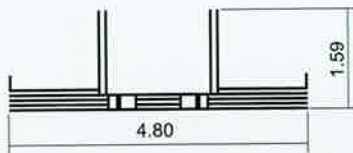
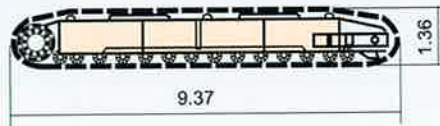
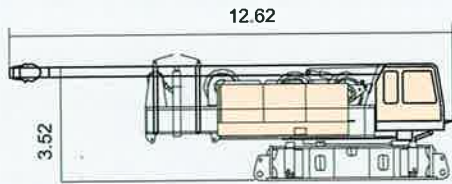




主要零部件运输尺寸

Dimensions for Transportation

尺寸单位: m Unit: m



本体	x1
长	12.62m
宽	3.28m
高	3.52m
重量	54000kg

履带总成	x2
长	9.37m
宽	1.54m
高	1.36m
重量	23600kg

配重座	x1
长	4.80m
宽	2.16m
高	1.59m
重量	18755kg

配重A	x5
长	2.16m
宽	1.22m
高	0.65m
重量	6652kg

配重B	x5
长	2.16m
宽	1.22m
高	0.65m
重量	6752kg

车体压重	x2
长	2.05m
宽	2.00m
高	0.74m
重量	8000kg

Car body	x1
Length	12.62m
Width	3.28m
Height	3.52m
Weight	54000kg

Crawler	x2
Length	9.365m
Width	1.54m
Height	1.36m
Weight	23600kg

Counterweight tray	x1
Length	4.80m
Width	2.16m
Height	1.59m
Weight	18755kg

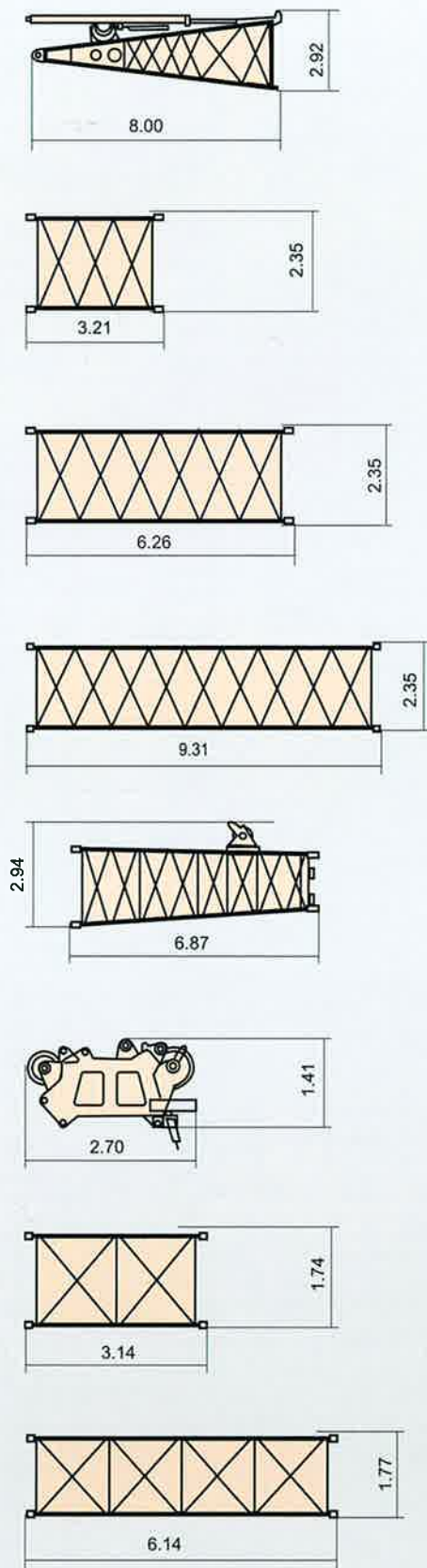
Counterweight A	x5
Length	2.16m
Width	1.22m
Height	0.65m
Weight	6652kg

Counterweight B	x5
Length	2.16m
Width	1.22m
Height	0.65m
Weight	6752kg

Central Ballast	x2
Length	2.05m
Width	2.00m
Height	0.74m
Weight	8000kg

主要零部件运输尺寸

Dimensions for Transportation



尺寸单位: m Unit: m

7.6m主臂根部节	x1
长	8.00m
宽	2.29m
高	2.92m
重量	5849kg

Boom foot	x1
Length	8.00m
Width	2.29m
Height	2.92m
Weight	5849kg

3米主臂中间节	x1
长	3.21m
宽	2.29m
高	2.35m
重量	830kg

3m boom insert	x1
Length	3.21m
Width	2.29m
Height	2.35m
Weight	830kg

6米主臂中间节	x1
长	6.26m
宽	2.29m
高	2.34m
重量	1342kg

6m boom insert	x1
Length	6.26m
Width	2.29m
Height	2.34m
Weight	1342kg

9米主臂中间节	x4
长	9.31m
宽	2.26m
高	2.35m
重量	1725kg

9m boom insert	x4
Length	9.31m
Width	2.26m
Height	2.35m
Weight	1725kg

6.7米主臂变径节	x1
长	6.87m
宽	2.29m
高	2.94m
重量	1998kg

6.7m tapered section	x1
Length	6.87m
Width	2.29m
Height	2.94m
Weight	1998kg

0.9m主臂头	x1
长	2.70m
宽	1.20m
高	1.41m
重量	1983kg

0.9m boom head	x1
Length	2.70m
Width	1.20m
Height	1.41m
Weight	1983kg

3米塔臂中间节	x1
长	3.14m
宽	1.63m
高	1.74m
重量	422kg

3m luffing jib insert	x1
Length	3.14m
Width	1.63m
Height	1.74m
Weight	422kg

6米塔臂中间节	x1
长	6.14m
宽	1.63m
高	1.77m
重量	706kg

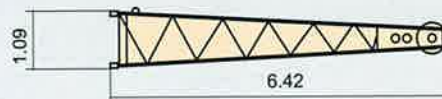
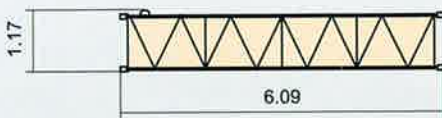
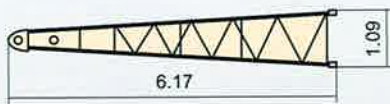
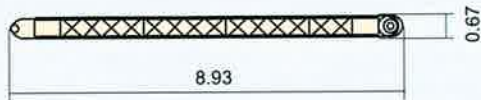
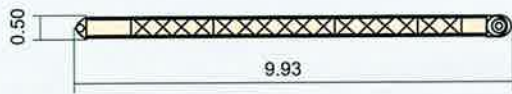
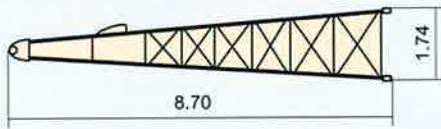
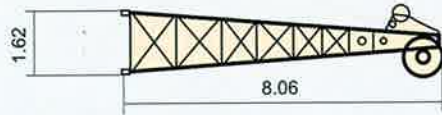
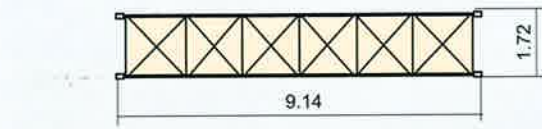
6m luffing jib insert	x1
Length	6.14m
Width	1.63m
Height	1.77m
Weight	706kg



主要零部件运输尺寸

Dimensions for Transportation

尺寸单位: m Unit: m



9米塔臂中间节	x4
长	9.14m
宽	1.63m
高	1.72m
重量	989kg

塔臂7.5m上臂节	x1
长	8.06m
宽	1.63m
高	1.62m
重量	1542kg

塔式副臂根部节(8.5米)	x1
长	8.70m
宽	1.63m
高	1.74m
重量	1442kg

塔式副臂前撑架	x1
长	9.93m
宽	1.25m
高	0.50m
重量	1280kg

塔式副臂前撑架 (带防后倾撑杆)	x1
长	8.93m
宽	1.25m
高	0.67m
重量	1247kg

固定副臂根部节(6米)	x1
长	6.17m
宽	1.62m
高	1.09m
重量	473kg

固定副臂6米中间接	x4
长	6.09m
宽	1.28m
高	1.17m
重量	310kg

固定副臂臂头6米	x1
长	6.42m
宽	1.28m
高	1.09m
重量	400kg

9m luffing jib insert	x4
Length	9.14m
Width	1.63m
Height	1.72m
Weight	989kg

7.5m luffing jib top	x1
Length	8.06m
Width	1.63m
Height	1.62m
Weight	1542kg

8.5m luffing jib foot	x1
Length	8.70m
Width	1.63m
Height	1.74m
Weight	1442kg

Front strut of luffing jib	x1
Length	9.93m
Width	1.25m
Height	0.50m
Weight	1280kg

Rear strut of luffing jib (with back stop)	x1
Length	8.93m
Width	1.25m
Height	0.67m
Weight	1247kg

6m fixed jib foot	x1
Length	6.17m
Width	1.62m
Height	1.09m
Weight	473kg

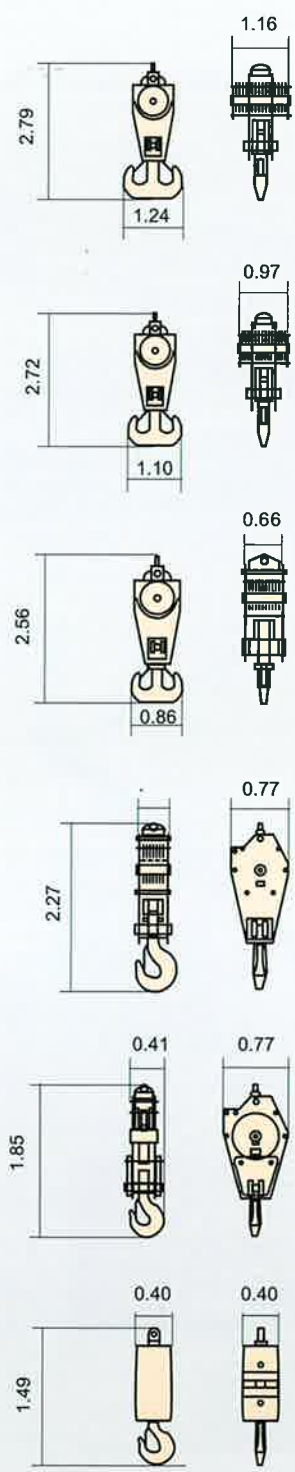
6m fixed jib Insert	x4
Length	6.09m
Width	1.28m
Height	1.17m
Weight	310kg

6m fixed jib top	x1
Length	6.42m
Width	1.28m
Height	1.09m
Weight	400kg

主要零部件运输尺寸

Dimensions for Transportation

尺寸单位: m Unit: m



250吨吊钩	x1
长	2.79m
宽	1.24 m
高	1.16 m
重量	3980kg

250t hook	x1
Length	2.79 m
Width	1.24 m
Height	1.16 m
Weight	3980kg

200吨吊钩	x1
长	2.72 m
宽	1.10 m
高	0.97 m
重量	3530kg

200t hook	x1
Length	2.72 m
Width	1.10 m
Height	0.97 m
Weight	3530kg

150吨吊钩	x1
长	2.56 m
宽	0.86 m
高	0.66 m
重量	2665kg

150t hook	x1
Length	2.56 m
Width	0.86 m
Height	0.66 m
Weight	2665kg

80吨吊钩	x1
长	2.27 m
宽	0.77 m
高	0.41 m
重量	1422kg

80t hook	x1
Length	2.27 m
Width	0.77 m
Height	0.41 m
Weight	1422kg

35吨吊钩	x1
长	1.85 m
宽	0.77 m
高	0.41 m
重量	1131kg

35t hook	x1
Length	1.85 m
Width	0.77 m
Height	0.41 m
Weight	1131kg

13.5吨吊钩	x1
长	1.49 m
宽	0.40 m
高	0.40 m
重量	680kg

13.5t hook	x1
Length	1.49 m
Width	0.40 m
Height	0.40 m
Weight	680kg

样本中的主要零部件运输重量为设计值, 由于制造误差, 可能稍有不同。
 The transportation weight of main parts in the manual is the designed value, the actual value may be a little different due to manufacture error.