

XLC260M CRAWLER CRANE

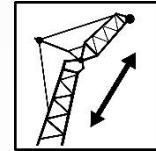
□ Technical specification



260t



53+60m

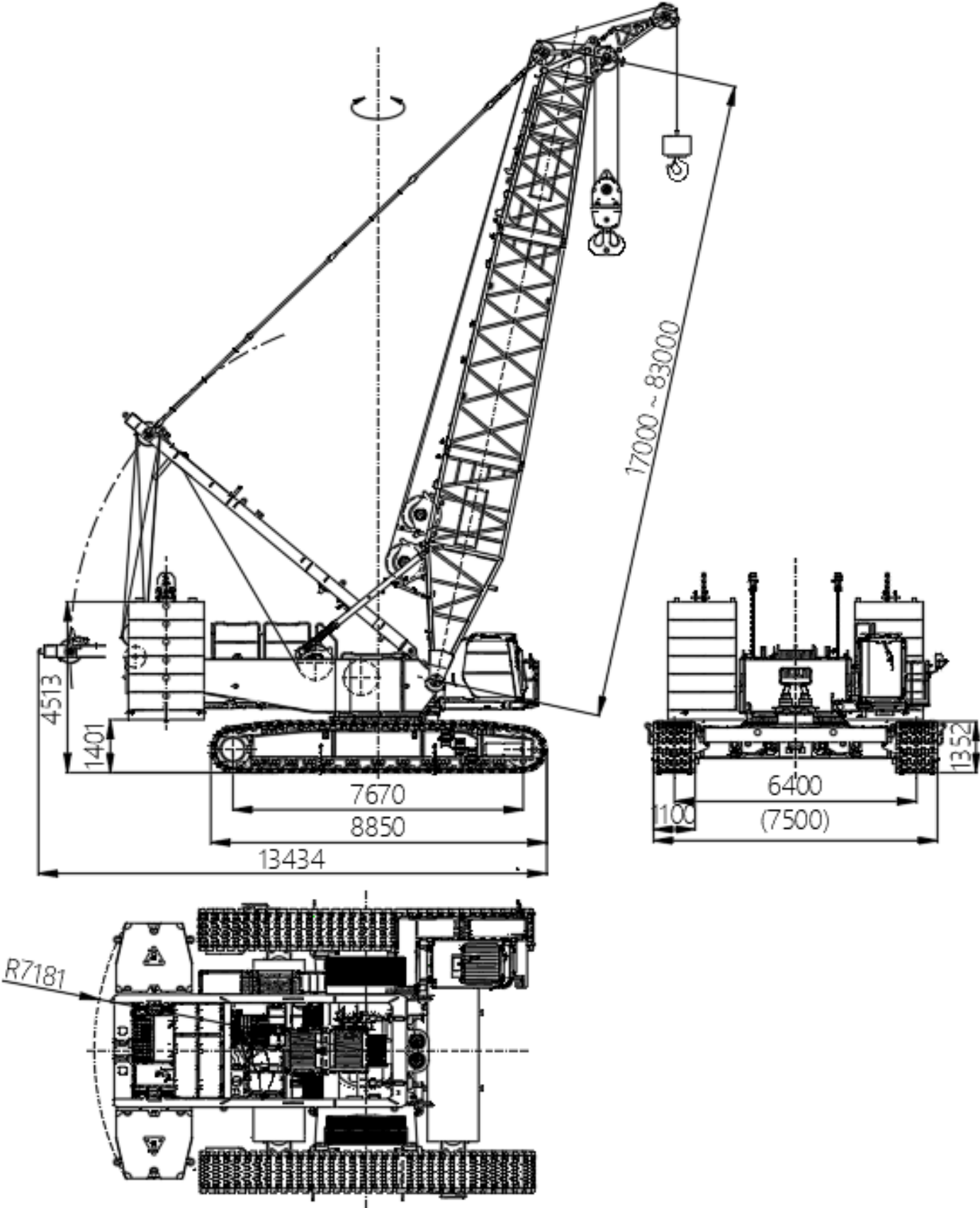


56+24m

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Dimensions (mm)



Technical specifications

➤ Operator' s cab

- Operator' s cab is steel frame structure, all glass are tempered glass, equipped with adjustable seat, ergonomic designed instruments and controls, air conditioner (heating and cooling), sound equipment, fire extinguisher, and closed-circuit monitoring system, spacious and comfortable.
- When crane is in operation, cab can be tilted upward to widen the field of vision. When crane is in transport, cab can be turned from lateral side to front side so as to reduce transport width.

➤ Engine

- Brand Model: Weichai SC9DF360.1G4;
- Type: in-line, water-cooled, four stroke, turbocharged inter-cooled, high-pressure common rail diesel engine
- Emission standard: Off-road China stage IV;
- Rated power: 265 kW;
- Rated speed: 2000rpm;
- Max. output torque: 1480N.m;
- Speed at maximum output torque: 1400 rpm;
- Fuel tank capacity: about 600L.

➤ Hydraulic system

- Adopt LUDV load sensing system controlled by hydraulic pilot proportional control, with accurate speed, sensitive operation and good fine motion performance. Main valve can achieve the synchronous operation of multiple movements, compact in structure and easy for maintenance.
- Specialized slewing closed system design, with stable start and stop, good fine motion performance and proportional characteristics, meeting the requirements of fine lifting operation.
- The system also has the functions of automatic travel direction change, counterweight and track frame self-assembly/disassembly.

➤ Electrical system

- Intelligent computer integrated programming control system is the key technology of this product. It uses PLC programmable controller combined with conventional electrical system to fulfill the function of logical control and electro-hydraulic proportional control to realize the automatic control of the crane, greatly increase the safety, reliability and efficiency for crane operation.
- The operation of this cane can be displayed by a big computer screen. easv for man-machine dialog.

Battery model	Qty.	Rated voltage	Rated capacity
6-QAW-180D	2	24V	360 Ah

Technical specifications

➤ Hoisting system

- Hoisting system includes main hoisting , aux. hoisting and tower jib single pulley hoisting (optional).
- Main and auxiliary hoisting adopt built-in reducers and driven independently. They are installed on boom butt through pin shaft to reduce transport weight of basic crane. Reducer is installed with normally-closed disc brake, safe and reliable; the reducer for this crane is lubricated by splashing oil, free of maintenance. The hoisting system of this crane has features of easy oil replacement, low noise, high efficiency and long service life, and also with a good fine motion performance.

Main/ auxiliary hoisting systems	Rope speed at the outermost working layer	120m/min	Single pulley hoisting system	Rope speed at the outermost working layer	120m/min
	Wire rope diameter	26mm		Wire rope diameter	26mm
	Winch rope length	455 mm (Main hoisting) /290 mm (aux. hoisting)		Winch rope length	250mm
	Rated single line pull	14.3t		Rated single line pull	14.3t

➤ Luffing system

- Luffing system consists of boom luffing and tower jib luffing.
- Boom luffing gear has two drums and driven independently, it is installed at the middle and rear part of turntable by pin shaft. Main boom luffing gear has built-in reducer and normally-closed disc brake. Winch drum has a ratchet locking device to realize mechanical locking, safe and reliable.
- When using tower jib operation mode, aux. hoisting is used as jib luffing to achieve tower jib luffing.

Main luffing winch mechanism	Rope speed at the outermost working layer	2×34 m/min
	Wire rope diameter	26mm
	Winch rope length	275mm
	Rated single line pull	10.8t

➤ Slewing system

- The slewing system and slewing bearing are driven by external meshing, arranged in front of turntable, and driven by a motor driven planetary gear reducer to achieve 360 ° rotation.
- Slewing system has built-in planetary reducer, with normally-closed brake to achieve "spring brake/hydraulic release" function, so as to ensure high braking safety of the system.
- Slewing system has a mechanical slewing locking device to realize locking protection of slewing system.
- Slewing system has free sliding function.

➤ Travel device

- Crawler travel unit adopts built-in planetary reducer, axial piston variable displacement motor drive, reducer with hydraulic release service brake, safe and reliable. They can be operated synchronously or separately to realize straight travel and turning.

Technical specifications

➤ Hook block and parts of line

- There are 6 types of hook blocks for this crane, configurations are as follows:

Hook name	350t (※optional)	260t (※optional)	100t (optional)	32t (optional)	160t	80t	13.5t
Weight (t)	6.2	4.6	1.67	0.7	2.2	2.0	0.5
Number of pulley	12	9	5	1	7	3	0

Remarks

- The hook with “※” is used for special operation mode and need to be customized. If the hook configuration marked with “optional” in the table is needed, please contact our company to make sure the selected hooks can be used, and specify the agreement in the contract;
- If there are special needs other than those listed in the above table, be sure to contact us to confirm, ensure that the choice of hook can be used properly.
- When boom combination length is > 50m, the dead weight of the hook shall not less than 1.7t. In case of special requirements, please contact our company in time, or the empty hook may fail to fall in multiple parts of line when long boom is used.

- Parameters used for hook reeved with wire rope are shown in table below.

Parts of line	24	22	21	20	19	18	17	16	15	14	13	12
Max. lifting weight	260	254.6	244.8	234.8	224.6	214.4	203.9	193.3	182.6	171.6	160.5	149.3
Parts of line	11	10	9	8	7	6	5	4	3	2	1	
Max. lifting weight	137.8	126.2	114.5	102.5	90.4	78.0	65.5	52.8	39.9	26.8	13.5	

➤ Counterweight

- Turntable counterweight has four options of 55t, 65t, 75t and 85t, and independent load charts corresponding to different counterweight combinations are provided to meet different purchase and lifting requirements. Self-dis/assembly device is optionally configured for turntable counterweight to achieve turntable counterweight self-assembly and disassembly.
- Turntable counterweight is installed at the rear part of turntable. Turntable counterweight combinations are as follows:

No.	Turntable counterweight	Counterweight tray	Counterweight slab
1	85t	1 × 15 t	10 × 5 t + 2 × 10 t
2	75t	1 × 15 t	8 × 5 t + 2 × 10 t
3	65t	1 × 15 t	6 × 5 t + 2 × 10 t
4	55t	1 × 15 t	4 × 5 t + 2 × 10 t

➤ **Turntable**

- Turntable is a box frame structure and welded by high strength steel plate. The integral structure is a large box frame with equal strength. “工” -shaped main vertical plates at both sides are connected with box beam. This structure has strong bending and torsion resistance, with good stability. At the same time, the space in turntable is very large, convenient for crane repair and maintenance. Turntable is connected to undercarriage through slewing bearing. Many important parts are installed on turntable, such as operator' s cab, boom luffing winch, engine, mast, turntable counterweight and boom system.

➤ **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 stiffness of torsion resistance. Simple structure, good technology, high load bearing, and good rigidity.

➤ **Safety devices**

- Safety devices include: LMI, main/auxiliary winch over-wound prevention device, main/auxiliary winch over-released prevention device, main luffing winch ratchet lock, boom angle limiter, boom and jib backstop system, closed circuit monitoring system, height mark light, anemometer, electronic level meter, lightning-proof system, buzzer and warning light, function interlock, emergency stop function, automatic fault diagnosis system and black box, power cut-off protection, and etc.

Optional parts

➤ Optional parts

No.	Item
1	350t hook
2	260t hook
3	100t hook
4	32t hook
5	Counterweight self-assembly and disassembly function
6	Mast derrick Function
7	Tower jib single pulley hoisting system

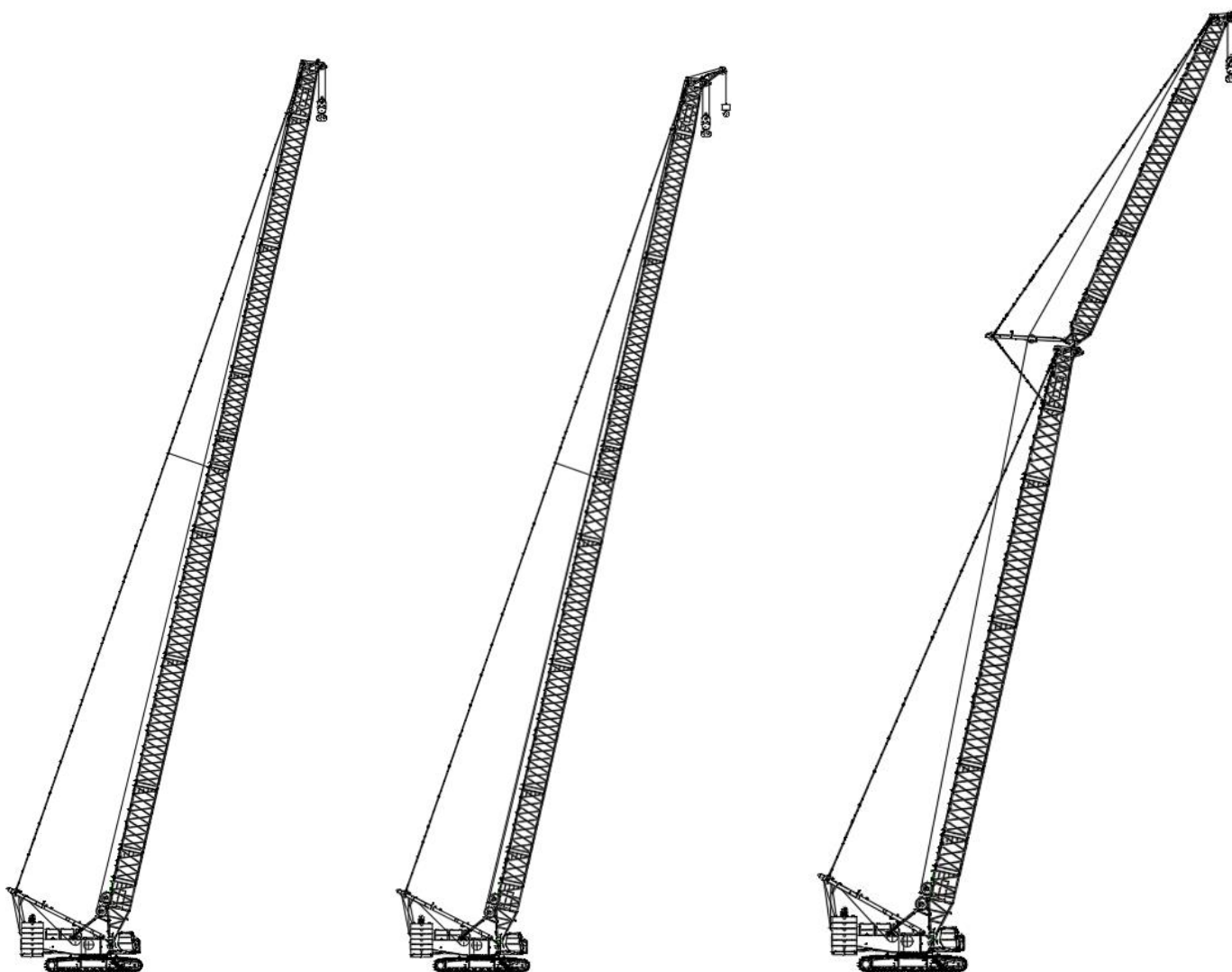
Main technical parameters

Item		Unit	Value
Max. rated lifting capacity	Heavy duty main boom operation mode	t	260
	Tower jib operation mode	t	80
	Fixed jib operation mode	t	75
	TBM working condition (two hook operation)	t	113.1
	Boom single top working condition	t	13.5
	Light duty main boom operation mode	t	80
Max. lifting moment		t.m	1300
Dimensions	Heavy duty main boom length	m	17 ~ 83
	Tower jib length	m	18 ~ 63
	Fixed jib length	m	9 ~ 30
	Light duty main boom length	m	19.5 ~ 88.5
	Main boom and jib combination in TBM operation mode	m	17+9/20+9
	Boom end single pulley length	m	1.6
Speed parameters	Hoisting winch max. single rope speed (at the 6th layer)	m/min	120
	Main boom luffing winch max. single rope speed (at the 1st layer)	m/min	2×34
	Tower jib luffing winch max. single rope speed (at the 6th layer)	m/min	120
	Max. slewing speed	rpm	1.0
	Max. travel speed	km/h	1.1
Engine	Rated power	kW	265
	Emission standard	-	Off-road China stage IV
Total crane weight (17m heavy boom, main hook)		t	195
Car-body counterweight		t	21
Turntable counterweight (independent load charts based on different counterweight combinations)		t	85, 75, 65, 55
Average ground pressure		MPa	0.11
Grade ability		-	30%
Max. weight of single piece in transport state		t	33.7
Max. dimension of single-piece in transport state (L×W×H)		m	10.1×3.0×3.3

Note:

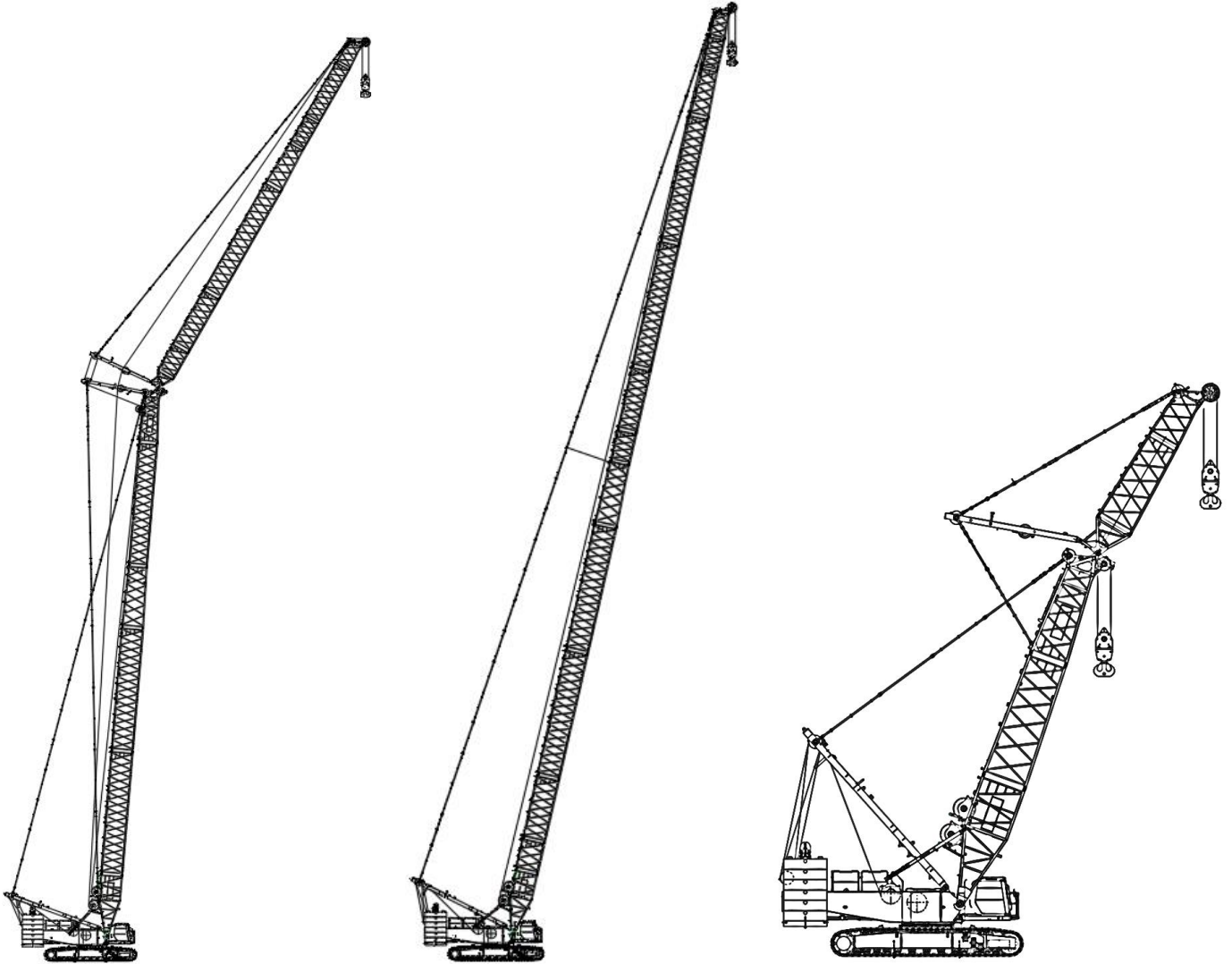
- ① Single rope speed is the calculated value of the rope on the drum most outside layer with engine idle running, which changes according to different loads and working conditions.
- ② Travel speed, climbing ability, average ground pressure, and slewing speed are theoretical calculations set on a level, smooth, and solid ground.
- ③ Table values are based on configuration parameters of 75t turntable counterweight, 21t car-body counterweight.
- ④ We reserve the right to improve and update the technical specifications without notice.

Operation modes and lifting performance



Heavy duty main boom operation mode (HB)	Boom single pulley operation mode (HBS)		Fixed jib operation mode (HF)	
Heavy duty main boom: 17 ~ 83m	Heavy duty main boom: 17 ~ 83m	Boom end single pulley: 1.6m	Heavy duty main boom: 17 ~ 50m	Fixed jib: 9~ 30m
			Heavy duty main boom: 53m	Fixed jib: 9~ 27m
			Heavy duty main boom: 56m	Fixed jib: 9~ 24m
			Heavy duty main boom: 59m	Fixed jib: 9~ 18m
			Heavy duty main boom: 62m	Fixed jib: 9~ 15m

Operation modes and lifting performance



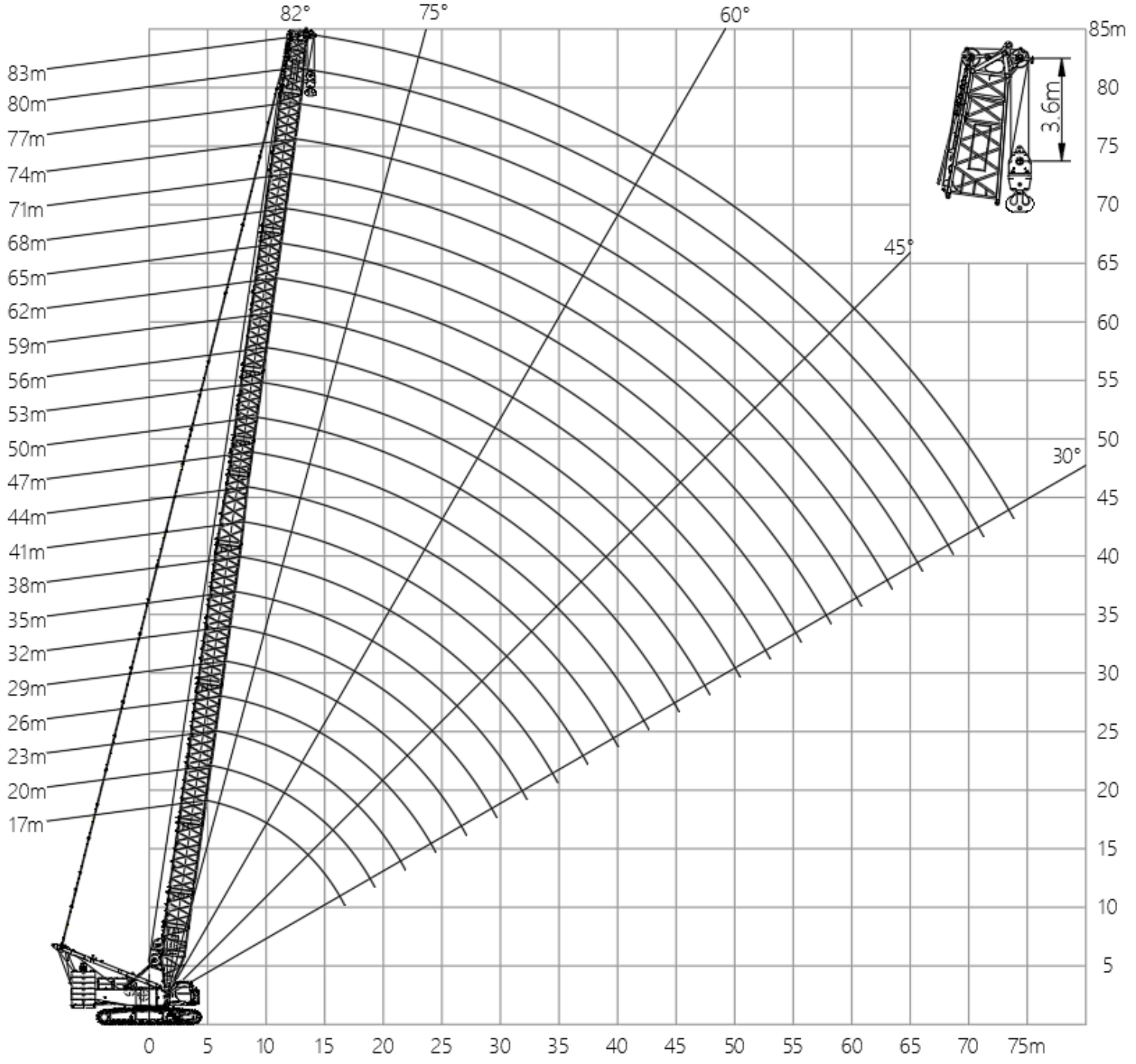
Tower jib operation mode (HW)		Light-duty main boom operation mode (LB)	TBM operation mode (HBF)	
Heavy duty main boom: 20 ~ 50m	Tower jib: 18~63m	Light duty main boom: 19.5 ~ 88.5m	Heavy duty main boom: 17m	TBM jib: 9m
Heavy duty main boom: 53m	Tower jib: 18~60m		Heavy duty main boom: 20m	TBM jib: 9m
Heavy duty main boom: 56m	Tower jib: 18~42m			

Operation modes and lifting performance—— HB

Main boom combination												
Name	Length(m)											
	17	20	23	26	29	32	35	38	41	44	47	50
Main boom butt 6m	1	1	1	1	1	1	1	1	1	1	1	1
Main boom insert 3mA	0	1	0	1	0	1	0	1	0	1	0	1
Main boom insert 6mA	0	0	1	1	0	0	1	1	0	0	1	1
Main boom insert 12mA	0	0	0	0	1	1	1	1	2	2	2	2
6m main boom transition section	1	1	1	1	1	1	1	1	1	1	1	1
Main boom insert 3mB	0	0	0	0	0	0	0	0	0	0	0	0
Main boom insert 6mB	0	0	0	0	0	0	0	0	0	0	0	0
Main boom insert 12mB	0	0	0	0	0	0	0	0	0	0	0	0
Main boom top 5m	1	1	1	1	1	1	1	1	1	1	1	1
—	53	56	59	62	65	68	71*	74*	77*	80*	83*	—
Main boom butt 6m	1	1	1	1	1	1	1	1	1	1	1	
Main boom insert 3mA	0	1	0	1	1	1	1	1	1	1	1	
Main boom insert 6mA	0	0	1	1	1	1	1	1	1	1	1	
Main boom insert 12mA	2	2	2	2	2	2	2	2	2	2	2	
6m main boom transition section	1	1	1	1	1	1	1	1	1	1	1	
Main boom insert 3mB	0	0	0	0	1	0	1	0	1	0	1	
Main boom insert 6mB	0	0	0	0	0	1	1	0	0	1	1	
Main boom insert 12mB	1	1	1	1	1	1	1	2	2	2	2	
Main boom top 5m	1	1	1	1	1	1	1	1	1	1	1	

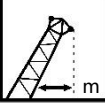
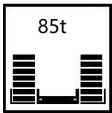
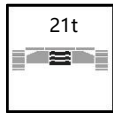
- Note:**
- ① "*" main boom combination requires the use of center hitch.
 - ② Tower jib rear pendants need to be removed for main boom sections and tower jib guide pulley must be removed main boom top section.

Operation modes and lifting performance — HB



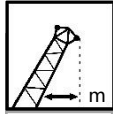
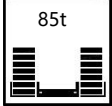
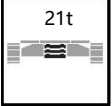
Operation modes and lifting performance—— HB

Main boom 17~ 50m

 m	 85t		 21t									
	17	20	23	26	29	32	35	38	41	44	47	50
8						159.4	150.9	139.4				
9				137.8	137.7	137.3	136.1	132.8	123.1	116.7	107.2	
10	120.2	120.8	120.8	120.6	120.4	120.1	119.8	117.8	115.1	109.8	103.2	99.8
12	95.3	95.5	95.6	95.7	95.7	95.5	95.2	94.9	93.8	92	90.2	88.5
14	76.4	76.6	76.8	76.8	76.8	76.7	76.6	76.5	76.4	76.3	76	74.7
16	63.3	63.6	63.8	63.8	63.8	63.7	63.6	63.5	63.4	63.3	63.1	63
18		54.1	54.3	54.3	54.3	54.2	54.1	54	53.9	53.7	53.6	53.4
20			47	47	47	47	46.9	46.7	46.6	46.4	46.3	46.1
22				41.3	41.3	41.2	41.2	41	40.9	40.7	40.6	40.4
24				36.6	36.7	36.6	36.5	36.4	36.3	36.1	35.9	35.7
26					32.8	32.8	32.7	32.6	32.4	32.3	32.1	31.9
28						29.5	29.5	29.3	29.2	29	28.9	28.7
30							26.7	26.6	26.5	26.3	26.1	25.9
32							24.3	24.2	24.1	23.9	23.8	23.6
34								22.1	22	21.9	21.7	21.5
36									20.2	20.1	19.9	19.7
38										18.4	18.3	18.1
40										17	16.9	16.7
42											15.5	15.4
44												14.2

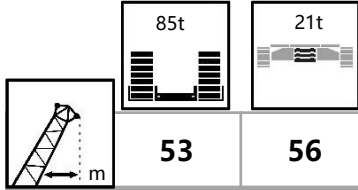
Operation modes and lifting performance—— HB

Main boom 53~ 83m

											
	53	56	59	62	65	68	71*	74*	77*	80*	83*
10	94.5	90.5	84	82.4							
12	87.2	80.9	81.5	80.2	73.1	64.1	60.3	55.1			
14	73.8	72.5	71.3	70	68.5	62.5	59.1	54.1	49.4	45.2	41.4
16	63.1	62.6	61.6	60.6	59.6	58.7	57.4	52.6	48	43.9	40.2
18	53.6	53.4	53.2	53	52.3	51.6	50.7	50	46.6	42.6	39
20	46.3	46.1	45.9	45.7	45.5	45.4	45	44.4	43.7	41.4	37.9
22	40.5	40.4	40.2	40	39.7	39.7	39.4	39.4	39.1	38.6	36.8
24	35.9	35.7	35.5	35.3	35.1	35	34.7	34.7	34.5	34.4	34.1
26	32.1	31.9	31.7	31.5	31.2	31.1	30.9	30.8	30.6	30.5	30.3
28	28.8	28.7	28.4	28.2	28	27.9	27.6	27.6	27.4	27.3	27
30	26.1	25.9	25.7	25.5	25.3	25.2	24.9	24.9	24.6	24.5	24.3
32	23.7	23.5	23.3	23.1	22.9	22.8	22.5	22.5	22.3	22.1	21.9
34	21.7	21.5	21.3	21.1	20.8	20.7	20.5	20.4	20.2	20.1	19.8
36	19.9	19.7	19.5	19.3	19	18.9	18.6	18.6	18.4	18.2	18
38	18.3	18.1	17.9	17.7	17.4	17.3	17	17	16.8	16.6	16.4

Operation modes and lifting performance—— HB

Main boom 53~ 83m



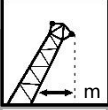
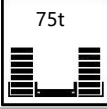
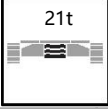
	53	56	59	62	65	68	71*	74*	77*	80*	83*
40	16.8	16.6	16.4	16.2	16	15.9	15.6	15.6	15.3	15.2	15
42	15.5	15.4	15.1	14.9	14.7	14.6	14.3	14.3	14.1	13.9	13.7
44	14.4	14.2	14	13.8	13.5	13.4	13.2	13.1	12.9	12.8	12.5
46	13.3	13.1	12.9	12.7	12.5	12.4	12.1	12.1	11.8	11.7	11.5
48		12.2	12	11.7	11.5	11.4	11.1	11.1	10.9	10.7	10.5
50		11.3	11.1	10.9	10.6	10.5	10.3	10.2	10	9.9	9.6
52			10.2	10	9.8	9.7	9.4	9.4	9.2	9.1	8.8
54				9.3	9.1	9	8.7	8.7	8.4	8.3	8.1
56					8.4	8.3	8	8	7.7	7.6	7.4
58					7.7	7.6	7.4	7.3	7.1	7	6.7
60						7	6.8	6.7	6.5	6.4	6
62							6.1	6.2	5.9	5.7	5.4
64								5.6	5.3	5.1	4.8
66								5	4.7	4.6	4.3
68									4.1	4	3.7
70										3.5	3.2

Note:

- ① The 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 main boom sections without tower jib rear pendants, tower jib guide pulley and boom end single pulley.
- ④ Tower jib rear pendants need to be removed from main boom sections, tower jib guide pulley needs to be removed from main boom top.
- ⑤ For main boom length exceeding 74m with “*” , center hitch must be used; for main boom length exceeding 77m, a wedge block must be used for boom raising.

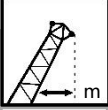
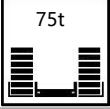
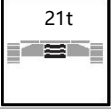
Operation modes and lifting performance—— HB

Main boom 17~ 50m

												
	17	20	23	26	29	32	35	38	41	44	47	50
5	260*											
6	215.5	197.5	197.5	190.5								
7	182.3	179.5	178.4	178.4	177.2	156.1	144.2					
8	156	154	153.5	151.9	147.3	144.7	138.2	132	119.7	116.7		
9	137.5	137.8	138	138.1	137.4	134.2	131.3	129.6	119.7	116.7	107.2	
10	116.7	117.1	117.4	117.5	116.6	116.5	115.5	113.2	111	108.7	103.2	99.8
12	88.6	89.1	89.3	89.4	89.5	89.5	89.5	88.8	88.2	86.6	85	83.5
14	70.9	71.3	71.6	71.7	71.8	71.8	71.7	71.7	71.6	71.5	70.3	69.1
16	58.7	59.1	59.4	59.5	59.6	59.6	59.5	59.4	59.3	59.2	59.1	59
18		50.1	50.4	50.6	50.6	50.6	50.6	50.5	50.4	50.3	50.1	50
20			43.6	43.7	43.8	43.8	43.8	43.7	43.6	43.4	43.3	43.2
22				38.3	38.4	38.4	38.4	38.3	38.2	38.1	37.9	37.8
24				33.9	34	34.1	34	33.9	33.8	33.7	33.6	33.4
26					30.4	30.4	30.4	30.3	30.2	30.1	30	29.8
28						27.4	27.4	27.3	27.2	27.1	26.9	26.8
30							24.8	24.7	24.6	24.5	24.4	24.2
32							22.5	22.5	22.4	22.3	22.1	22
34								20.5	20.4	20.3	20.2	20
36									18.8	18.6	18.5	18.3
38										17.2	17.1	16.9
40										15.7	15.6	15.4
42											14.4	14.2
44												13.1

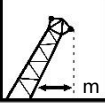
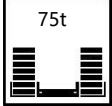
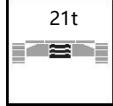
Operation modes and lifting performance—— HB

Main boom 17~ 50m

											
	53	56	59	62	65	68	71*	74*	77*	80*	83*
10	94.5	90.5	84	82.4							
12	82.2	80.9	79.2	78	73.1	64.1	60.3	55.1			
14	68.2	67	65.9	64.7	63.6	62.5	59.1	54.1	49.4	45.2	41.4
16	58.8	57.9	56.9	55.9	55	54.2	53.2	52	48	43.9	40.2
18	50.1	50	49.8	49	48.3	47.6	46.7	46.1	45.3	42.6	39
20	43.3	43.1	43	42.8	42.6	42.2	41.4	40.9	40.2	39.7	37.4
22	37.9	37.7	37.6	37.4	37.2	37.1	36.8	36.6	36	35.5	34.8
24	33.5	33.4	33.2	33	32.8	32.7	32.4	32.4	32.2	31.9	31.4
26	29.9	29.8	29.6	29.4	29.2	29.1	28.8	28.8	28.6	28.5	28.2
28	26.9	26.7	26.6	26.4	26.1	26.1	25.8	25.8	25.5	25.4	25.2
30	24.3	24.2	24	23.8	23.6	23.5	23.2	23.2	22.9	22.8	22.6
32	22.1	21.9	21.7	21.6	21.3	21.2	21	20.9	20.7	20.6	20.3
34	20.2	20	19.8	19.6	19.4	19.3	19	19	18.8	18.6	18.4
36	18.5	18.3	18.1	17.9	17.7	17.6	17.3	17.3	17.1	16.9	16.7
38	17	16.8	16.6	16.4	16.2	16.1	15.8	15.8	15.5	15.4	15.2

Operation modes and lifting performance—— HB

Main boom 17~ 50m

											
	53	56	59	62	65	68	71*	74*	77*	80*	83*
40	15.6	15.4	15.2	15	14.8	14.7	14.5	14.4	14.2	14.1	13.8
42	14.4	14.2	14	13.8	13.6	13.5	13.2	13.2	13	12.9	12.6
44	13.4	13.2	13	12.8	12.6	12.4	12.2	12.1	11.9	11.8	11.5
46	12.3	12.1	11.9	11.7	11.5	11.5	11.3	11.1	10.9	10.8	10.5
48		11.2	11	10.8	10.6	10.5	10.2	10.3	10.1	9.9	9.6
50		10.3	10.2	10	9.8	9.7	9.4	9.5	9.3	9.1	8.9
52			9.4	9.2	9	8.9	8.6	8.6	8.4	8.4	8
54				8.5	8.3	8.2	7.9	7.9	7.7	7.6	7.3
56					7.6	7.5	7.3	7.3	7	6.9	6.7
58					7	6.9	6.7	6.7	6.4	6.3	6.1
60						6.4	6.1	6.1	5.9	5.7	5.5
62							5.6	5.6	5.3	5.2	5
64								5.1	4.8	4.7	4.5
66									4.4	4.3	4
68									3.9	3.8	3.6
70										3.4	3.2

Note:

- ① The 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 main boom sections without tower jib rear pendants, tower jib guide pulley and boom end single pulley.
- ④ Tower jib rear pendants need to be removed from main boom sections, tower jib guide pulley needs to be removed from main boom top.
- ⑤ For main boom length exceeding 74m with “*”, center hitch must be used; for main boom length exceeding 77m, a wedge block must be used for boom raising.
- ⑥ If the parts of line used for the area with “*” exceeds 18 (rated lifting capacity 220t), it needs to purchase special boom head pulley and hook block.

Operation modes and lifting performance—— HF

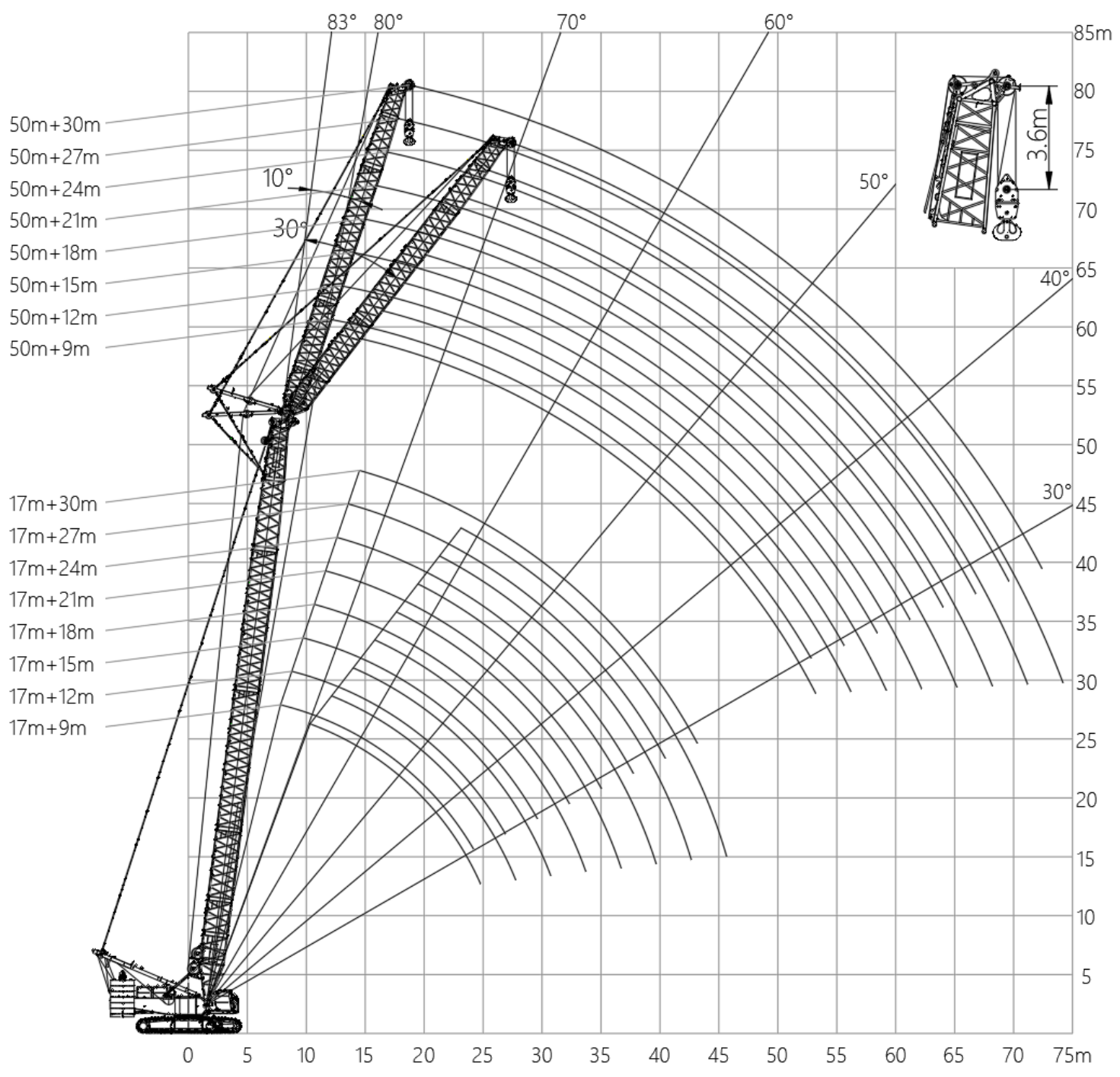
Main boom combinations																
Name	Length(m)															
	17	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62
Main boom butt 6m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3mA insert section	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
6mA insert section	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
12mA insert section	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2
6m transition section	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3mB insert section	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6mB insert section	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12mB insert section	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Main boom top 5m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Jib combination																
Name	Length(m)															
	9	12	15	18	21	24	27	30	—	—	—	—	—	—	—	—
Tower jib butt 1.5m	1	1	1	1	1	1	1	1								
3mB insert section	0	1	1	1	1	1	1	1								
6mB insert section	0	0	0	1	1	1	0	1								
12mB insert section	0	0	0	0	0	0	1	1								
4.5m tower jib transition section	1	1	1	1	1	1	1	1								
3mC insert section	0	0	1	0	1	0	1	0								
6mC insert section	0	0	0	0	0	1	0	0								
12mC insert section	0	0	0	0	0	0	0	0								
Tower jib top 3m	1	1	1	1	1	1	1	1								

Note:

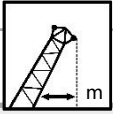
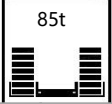
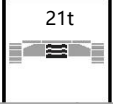
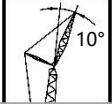
- ① Tower jib rear pendants need to be removed from main boom sections. Jib guide pulley need to be installed on main boom top.
- ② The use of a wedge is recommended when main boom and jib combination length exceeds 71m.

Operation modes and lifting performance — HF



Operation modes and lifting performance—— HF

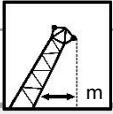
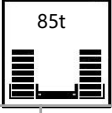
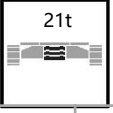
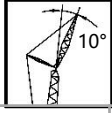
Main boom 29m, jib 9~30m

	9	12	15	18	21	24	27	30
10	58.1							
12	54.4	45.3	38.3					
14	51.3	42.2	35.6	30.8	27.7			
16	48.5	39.7	33.3	28.8	25.8	23.7	22	
18	45.9	37.2	31.1	26.9	24.1	22.1	20.5	18.4
20	43.5	34.9	29.2	25.1	22.4	20.6	19	17.2
22	40.7	32.9	27.4	23.5	21	19.2	17.7	15.9
24	35.9	31.1	25.8	22.1	19.7	18	16.5	14.9
26	31.9	29.5	24.4	20.9	18.5	16.9	15.4	13.9
28	28.6	28.1	23.2	19.7	17.5	15.9	14.5	13
30	25.8	26	22	18.7	16.5	15	13.6	12.2
32	23.3	23.5	21	17.8	15.7	14.2	12.9	11.5
34	21.1	21.4	20.1	16.9	14.9	13.4	12.1	10.8
36		19.4	19.3	16.2	14.2	12.8	11.5	10.2
38		17.7	18.1	15.5	13.5	12.2	10.9	9.7
40			16.6	14.9	12.9	11.6	10.4	9.2
42				14.3	12.4	11.1	9.9	8.7
44				13.8	11.9	10.6	9.4	8.3
46					11.5	10.2	8.9	7.9
48						9.7	8.5	7.5
50						9.3	8.1	7.1
52							7.7	6.7
54								6.4

Operation modes and lifting performance—— HF

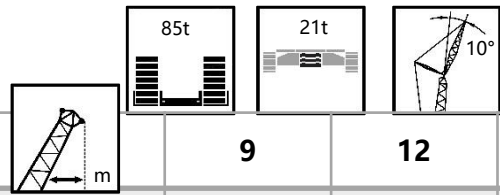
Main boom 35m, jib 9~30 m

	9	12	15	18	21	24	27	30
12	63.2	52.5						
14	60.1	49.7	41.7	35.9				
16	55.1	45.7	38.8	33.8	30.3	27.8		
18	51	42.2	35.7	31.2	28	25.7	23.8	21.7
20	46.2	39.1	33.2	28.9	25.9	23.8	22	20
22	40.3	36.5	30.9	26.9	24.1	22.1	20.4	18.5
24	35.5	34.1	29.1	25.2	22.5	20.6	19	17.2
26	31.6	31.7	27.2	23.6	21.1	19.3	17.7	16.1
28	28.3	28.4	25.7	22.3	19.9	18.2	16.6	15.1
30	25.4	25.6	24.3	21	18.8	17.1	15.6	14.1
32	23	23.1	23	19.9	17.8	16.2	14.7	13.3
34	20.8	21	21.3	18.9	16.8	15.3	13.9	12.5
36	18.9	19.1	19.4	18	16	14.5	13.2	11.9
38	17.3	17.4	17.7	17.2	15.3	13.8	12.5	11.2
40	15.7	15.9	16.2	16.3	14.6	13.2	11.9	10.6
42		14.5	14.8	14.9	13.9	12.6	11.3	10.1
44		13.3	13.6	13.7	13.3	12	10.8	9.6
46			12.4	12.5	12.7	11.5	10.3	9.2
48				11.5	11.7	11	9.8	8.7
50					10.7	10.6	9.4	8.3
52					9.8	10.1	9	8
54						9.3	8.7	7.6
56							8.3	7.3
58							7.8	7
60								6.7

Operation modes and lifting performance—— HF

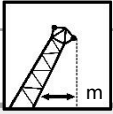

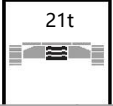
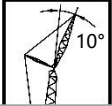
Main boom 41m, jib 9~30 m



	9	12	15	18	21	24	27	30
12	64.7							
14	59.4	49.3	41.7					
16	54.8	45.4	38.4	33.4	29.9			
18	50.9	42.1	35.6	31	27.7	25.4	23.5	
20	45.9	39.2	33.2	28.8	25.8	23.6	21.8	19.7
22	39.9	36.7	31	26.9	24.1	22	20.3	18.3
24	35.2	34.5	29.2	25.3	22.6	20.6	18.9	17.1
26	31.2	31.3	27.5	23.8	21.2	19.4	17.7	16
28	27.9	28	26	22.5	20	18.2	16.7	15
30	25	25.2	24.6	21.3	18.9	17.2	15.7	14.1
32	22.6	22.7	23	20.2	18	16.3	14.8	13.3
34	20.5	20.6	20.8	19.2	17.1	15.5	14	12.6
36	18.6	18.7	18.9	18.3	16.2	14.7	13.3	11.9
38	16.9	17	17.3	17.3	15.5	14	12.7	11.3
40	15.4	15.5	15.8	15.8	14.8	13.4	12	10.7
42	14.1	14.1	14.4	14.4	14.2	12.8	11.5	10.2
44	12.8	12.9	13.2	13.2	13.4	12.2	11	9.7
46	11.7	11.8	12.1	12.1	12.3	11.7	10.5	9.3
48		10.8	11	11.1	11.2	11.3	10	8.9
50			10.1	10.1	10.3	10.5	9.6	8.5
52			9.2	9.2	9.4	9.6	9.2	8.1
54				8.4	8.6	8.8	8.8	7.8
56					7.8	8.1	8	7.4
58						7.4	7.3	7.1
60						6.7	6.7	6.6
62							6	6
64								5.3
66								4.6

Operation modes and lifting performance—— HF

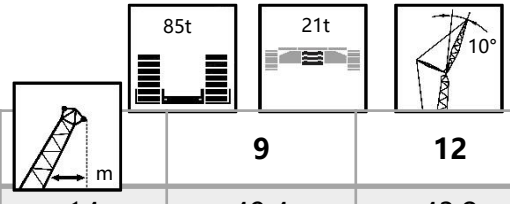
Main boom 47m, jib 9~30m

	9	12	15	18	21	24	27	30
14	58.7	48.8						
16	54.5	45.2	38.1	33.1				
18	50.9	42.1	35.5	30.8	27.5	25.1	23.2	
20	45.5	39.4	33.2	28.8	25.7	23.5	21.6	19.5
22	39.6	37	31.2	27	24.1	22	20.2	18.2
24	34.8	34.8	29.4	25.4	22.6	20.6	18.9	17
26	30.8	30.9	27.8	24	21.4	19.4	17.8	16
28	27.5	27.6	26.3	22.7	20.2	18.4	16.7	15
30	24.6	24.7	25	21.6	19.1	17.4	15.8	14.2
32	22.2	22.3	22.5	20.5	18.2	16.5	15	13.4
34	20.1	20.1	20.4	19.6	17.3	15.7	14.2	12.7
36	18.2	18.2	18.5	18.5	16.5	14.9	13.5	12.1
38	16.5	16.6	16.8	16.9	15.8	14.2	12.8	11.4
40	15	15.1	15.3	15.3	15.1	13.6	12.2	10.9
42	13.7	13.7	14	14	14.1	13	11.7	10.4
44	12.5	12.5	12.7	12.8	12.9	12.5	11.2	9.9
46	11.3	11.4	11.6	11.6	11.8	12	10.7	9.5
48	10.3	10.4	10.6	10.6	10.8	11	10.2	9
50	9.4	9.4	9.7	9.7	9.8	10	9.8	8.7
52		8.6	8.8	8.8	8.9	9.2	9.1	8.3
54		7.8	8	8	8.1	8.3	8.3	8
56			7.2	7.3	7.4	7.6	7.6	7.5
58				6.5	6.7	6.9	6.9	6.8
60				5.7	5.9	6.2	6.2	6.1
62					5.2	5.5	5.5	5.4
64						4.8	4.8	4.7
66							4.1	4.1
68							3.5	3.5

Operation modes and lifting performance—— HF

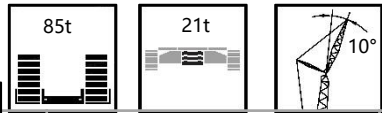
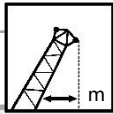
Main boom 53m, jib 9~27m



	9	12	15	18	21	24	27
14	49.4	43.2					
16	47.5	41.3	35.6				
18	45.8	39.3	33.8	29.6	26.4	24.1	
20	44.2	37.5	32.2	27.8	24.8	22.6	20.8
22	39.4	35.9	30.3	26.2	23.3	21.2	19.5
24	34.6	34	28.7	24.8	22	20	18.3
26	30.6	30.7	27.2	23.5	20.8	18.9	17.3
28	27.3	27.4	25.9	22.3	19.8	17.9	16.3
30	24.5	24.5	24.6	21.2	18.8	17	15.5
32	22	22.1	22.3	20.2	17.9	16.2	14.7
34	19.9	19.9	20.2	19.3	17.1	15.4	14
36	18	18	18.3	18.3	16.3	14.7	13.3
38	16.4	16.4	16.6	16.6	15.6	14.1	12.7
40	14.9	14.9	15.1	15.1	15	13.5	12.1
42	13.5	13.5	13.7	13.7	13.9	12.9	11.6
44	12.3	12.3	12.5	12.5	12.6	12.4	11.1
46	11.2	11.2	11.4	11.4	11.5	11.7	10.6
48	10.2	10.2	10.4	10.4	10.5	10.7	10.2
50	9.3	9.3	9.5	9.5	9.6	9.7	9.7
52	8.4	8.4	8.6	8.6	8.7	8.9	8.8
54	7.6	7.6	7.8	7.8	7.9	8.1	8
56	6.8	6.8	7.1	7	7.2	7.3	7.3
58		6	6.3	6.3	6.4	6.6	6.5
60			5.5	5.5	5.7	5.9	5.8
62			4.8	4.8	5	5.2	5.1
64				4.1	4.3	4.5	4.4
66					3.6	3.9	3.8
68					3	3.3	3.2

Operation modes and lifting performance—— HF

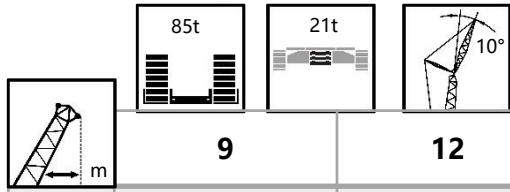
Main boom 59m, jib 9~18m

	9	12	15	18
14	46.7			
16	45.1	39.5	34.7	
18	43.6	38	33.5	29.3
20	42.2	36.7	32	27.7
22	38.5	35.5	30.3	26.1
24	34.2	34.1	28.7	24.8
26	30.2	30.3	27.3	23.5
28	26.9	27	26	22.4
30	24.1	24.1	24.4	21.4
32	21.6	21.6	21.9	20.4
34	19.5	19.5	19.7	19.5
36	17.6	17.6	17.8	17.9
38	15.9	15.9	16.1	16.2
40	14.4	14.4	14.6	14.7
42	13.1	13.1	13.3	13.3
44	11.9	11.9	12.1	12.1
46	10.8	10.8	11	10.9
48	9.8	9.8	9.9	9.9
50	8.9	8.8	9	9
52	8	8	8.2	8.1
54	7.2	7.1	7.3	7.3
56	6.3	6.3	6.5	6.4
58	5.5	5.5	5.7	5.7
60	4.8	4.8	5	4.9
62		4.1	4.3	4.2
64			3.6	3.6
66				3

Operation modes and lifting performance—— HF

Main boom 62m, jib 9m



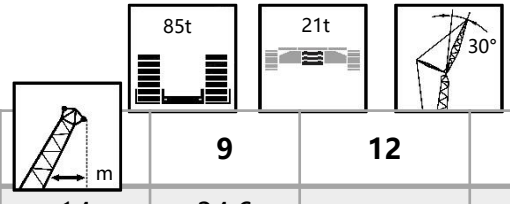
	9	12	15		9	12	15
16	43.8	38.4		42	12.9	12.8	13.1
18	42.4	37.1	32.7	44	11.7	11.6	11.8
20	41.1	35.8	31.5	46	10.6	10.5	10.7
22	37.8	34.6	30.2	48	9.6	9.5	9.7
24	33.9	33.6	28.7	50	8.6	8.6	8.8
26	30	30.1	27.3	52	7.8	7.7	7.9
28	26.7	26.7	26.1	54	6.9	6.8	7
30	23.8	23.9	24.2	56	6.1	6	6.2
32	21.4	21.4	21.7	58	5.3	5.2	5.4
34	19.2	19.3	19.5	60	4.5	4.5	4.7
36	17.4	17.4	17.6	62	3.9	3.8	4
38	15.7	15.7	15.9	64			3.4
40	14.2	14.2	14.4				

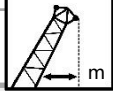
Note:

- ① The 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 with gradient not exceed 1%, slowly lifting a load and without travel.
- ③ The rated load refers to the value when load is suspended freely. Without taking into consideration of the influence of wind on lifting load, ground condition, ground slope, operating speed and any other factors that have negative influence on the safe operation of the equipment. Therefore, the operator is responsible to assess the current situation and reduce the load and speed accordingly.
- ④ When main boom and jib combination length exceeds 71m, it is suggested to use wedge block to assist boom raising.
- ⑤ Limited by the length of auxiliary winch rope, please use main hoisting rope and reeve with multiple parts of line for operation.

Operation modes and lifting performance—— HF

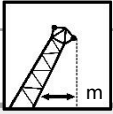
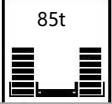
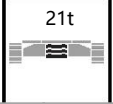
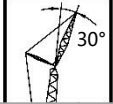
Main boom 29m, jib 9~30m



	9	12	15	18	21	24	27	30
14	34.6							
16	33.7	26.5	21.8					
18	32.6	25.6	21	17.7				
20	31.6	24.6	20.2	17	14.9			
22	30.8	23.8	19.4	16.4	14.3	12.8		
24	30	23.1	18.8	15.7	13.7	12.3	11	
26	29.4	22.4	18.1	15.2	13.2	11.8	10.5	9.3
28	28.9	21.8	17.6	14.6	12.7	11.3	10.1	8.8
30	26	21.3	17.1	14.2	12.2	10.9	9.6	8.4
32	23.4	20.9	16.6	13.7	11.8	10.5	9.2	8.1
34		20.5	16.2	13.3	11.4	10.1	8.9	7.7
36		19.6	15.9	13	11.1	9.8	8.5	7.4
38			15.7	12.7	10.8	9.4	8.2	7.1
40				12.4	10.5	9.1	7.9	6.8
42				12.3	10.2	8.9	7.7	6.6
44					10.1	8.7	7.4	6.4
46						8.5	7.2	6.1
48						8.3	7	5.9
50							6.8	5.8
52								5.6
54								5.5

Operation modes and lifting performance—— HF

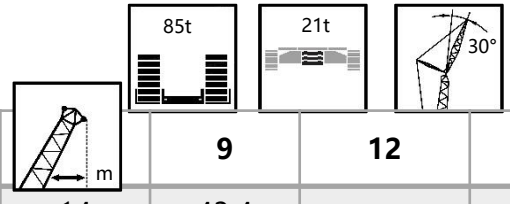
Main boom 35m, jib 9~30 m

	9	12	15	18	21	24	27	30
14	39.5							
16	38.8	30.5						
18	38.1	29.8	24.3					
20	37.5	29.2	23.7	19.9				
22	36.6	28.6	23.2	19.4	16.8			
24	35.2	28	22.7	18.9	16.4	14.5		
26	32.1	27.4	22.1	18.4	15.9	14.1	12.6	
28	28.7	26.9	21.5	17.9	15.5	13.7	12.2	10.7
30	25.8	26.1	21	17.4	15	13.3	11.8	10.4
32	23.3	23.6	20.6	17	14.6	12.9	11.5	10.1
34	21	21.4	20.1	16.6	14.2	12.6	11.1	9.7
36	19.1	19.4	19.7	16.2	13.9	12.2	10.8	9.4
38		17.6	18.1	15.9	13.5	11.9	10.4	9.1
40		16.1	16.5	15.5	13.2	11.6	10.1	8.8
42			15.1	15.3	12.9	11.3	9.9	8.6
44				14	12.7	11	9.6	8.3
46				12.8	12.4	10.8	9.3	8.1
48					12	10.6	9.1	7.8
50						10.4	8.9	7.6
52						10.2	8.7	7.4
54							8.6	7.3
56								7.1
58								7

Operation modes and lifting performance—— HF

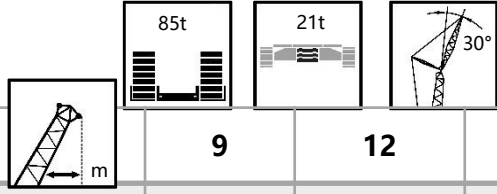
Main boom 41m, jib 9~30 m



	9	12	15	18	21	24	27	30
14	43.4							
16	42.9	33.7						
18	41.2	33.2	27					
20	39.5	32.1	26.5	22.1				
22	38	30.8	25.6	21.7	18.8			
24	35.9	29.6	24.6	21	18.4	16.3		
26	31.8	28.4	23.7	20.2	17.7	15.9	14.2	
28	28.4	27.4	22.8	19.4	17.1	15.3	13.7	12.2
30	25.5	25.8	22	18.7	16.4	14.7	13.2	11.7
32	23	23.3	21.3	18.1	15.8	14.2	12.7	11.3
34	20.8	21.1	20.6	17.5	15.3	13.7	12.2	10.8
36	18.8	19.1	19.6	17	14.8	13.2	11.8	10.4
38	17.1	17.4	17.8	16.4	14.3	12.8	11.3	10
40	15.5	15.8	16.2	16	13.9	12.4	11	9.7
42	14.1	14.4	14.8	15	13.5	12	10.6	9.3
44		13.1	13.5	13.7	13.1	11.6	10.3	9
46			12.3	12.5	12.8	11.3	9.9	8.7
48			11.2	11.4	11.7	11	9.6	8.4
50				10.4	10.7	10.7	9.4	8.2
52					9.7	10.1	9.1	7.9
54					8.9	9.2	8.9	7.7
56						8.4	8.5	7.5
58							7.7	7.3
60							7	7.1
62								6.4

Operation modes and lifting performance—— HF

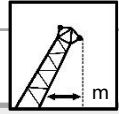

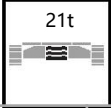
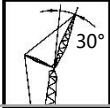
Main boom 47m, jib 9~30m



	9	12	15	18	21	24	27	30
16	42.8							
18	40.9	32.9						
20	39.2	31.5	26.2					
22	36.9	30.2	25.1	21.4				
24	32.8	29.1	24.2	20.6	18.1	16.2		
26	29.3	28	23.3	19.8	17.4	15.6	14	
28	26.3	26.5	22.5	19.1	16.7	15	13.4	11.9
30	23.6	23.9	21.7	18.5	16.1	14.4	12.9	11.4
32	21.3	21.6	21	17.8	15.6	13.9	12.4	11
34	19.2	19.5	19.9	17.3	15.1	13.5	12	10.6
36	17.4	17.6	18.1	16.8	14.6	13	11.6	10.2
38	15.7	15.9	16.4	16.3	14.2	12.6	11.2	9.8
40	14.2	14.4	14.9	15	13.7	12.2	10.8	9.5
42	12.8	13	13.5	13.6	13.4	11.9	10.5	9.2
44	11.5	11.7	12.2	12.3	12.7	11.5	10.1	8.9
46	10.3	10.5	11	11.1	11.5	11.2	9.8	8.6
48		9.4	9.8	10	10.4	10.8	9.5	8.3
50		8.3	8.8	9	9.3	9.7	9.3	8.1
52			7.8	8	8.4	8.8	8.8	7.8
54				7.1	7.4	7.8	7.9	7.6
56				6.2	6.6	7	7.1	7.2
58					5.7	6.2	6.3	6.4
60						5.4	5.5	5.6
62							4.8	4.9
64							4	4.2
66								3.5

Operation modes and lifting performance—— HF

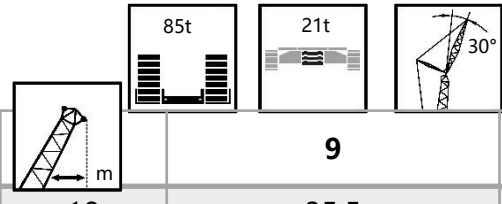
Main boom 53m, jib 9~27m

	9	12	15	18	21	24	27
16	36.8						
18	35.7	29.2					
20	34.7	28.3	23.8				
22	33.8	27.5	23.1	19.8			
24	32.9	26.7	22.4	19.1	16.9		
26	30.8	26	21.8	18.6	16.3	14.7	
28	27.7	25.4	21.2	18	15.8	14.2	12.7
30	25	24.8	20.7	17.6	15.4	13.8	12.3
32	22.5	22.8	20.2	17.1	15	13.4	11.9
34	20.3	20.6	19.7	16.7	14.5	13	11.5
36	18.4	18.6	19.1	16.2	14.1	12.6	11.1
38	16.7	16.9	17.3	15.8	13.7	12.2	10.8
40	15.1	15.4	15.8	15.3	13.3	11.8	10.4
42	13.8	14	14.3	14.5	12.9	11.5	10.1
44	12.5	12.7	13.1	13.2	12.6	11.1	9.8
46	11.4	11.5	11.9	12	12.3	10.8	9.5
48	10.3	10.5	10.8	10.9	11.2	10.6	9.2
50	9.4	9.5	9.8	9.9	10.2	10.3	9
52		8.6	8.9	9	9.3	9.6	8.7
54		7.7	8	8.1	8.4	8.7	8.5
56			7.2	7.2	7.5	7.8	7.9
58				6.4	6.7	7	7.1
60				5.6	5.9	6.3	6.3
62					5.2	5.5	5.6
64						4.8	4.9
66						4.2	4.2
68							3.6

Operation modes and lifting performance—— HF

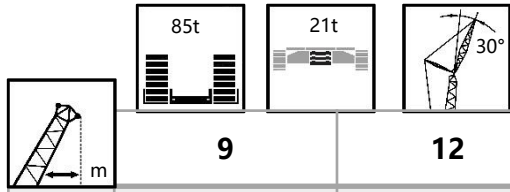
Main boom 59m, jib 9~18m



	9	12	15	18
18	35.5			
20	34.5	28.2		
22	33.7	27.4	23	
24	32.9	26.7	22.4	19.1
26	30	26	21.8	18.5
28	26.9	25.4	21.2	18
30	24.3	24.5	20.7	17.6
32	21.9	22.1	20.1	17
34	19.8	20	19.6	16.5
36	18	18.1	18.6	16.1
38	16.3	16.5	16.9	15.6
40	14.8	14.9	15.3	15.2
42	13.4	13.5	13.9	14
44	12.1	12.3	12.6	12.7
46	11	11.1	11.4	11.5
48	9.9	10	10.3	10.4
50	8.9	9	9.3	9.4
52	8	8	8.4	8.4
54	7.1	7.2	7.5	7.6
56	6.2	6.3	6.6	6.7
58		5.5	5.9	5.9
60			5.1	5.2
62			4.4	4.5
64				3.8

Operation modes and lifting performance—— HF

Main boom 62m, jib 9m



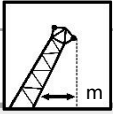
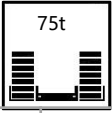
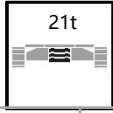
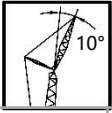
	9	12	15		9	12	15
18	34.7			42	13.1	13.2	13.6
20	33.9	28.1		44	11.8	11.9	12.3
22	33.1	27.4	22.9	46	10.7	10.8	11.1
24	32.4	26.7	22.3	48	9.6	9.7	10
26	29.6	26	21.8	50	8.6	8.7	9
28	26.5	25.4	21.2	52	7.7	7.7	8.1
30	23.9	24.1	20.6	54	6.8	6.9	7.2
32	21.6	21.8	20	56	6	6.1	6.4
34	19.5	19.7	19.5	58	5.2	5.3	5.6
36	17.6	17.8	18.3	60		4.5	4.9
38	16	16.1	16.5	62			4.1
40	14.5	14.6	15	64			3.5

Note:

- ① The 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 with gradient not exceed 1%, slowly lifting a load and without travel.
- ③ The rated load refers to the value when load is suspended freely. Without taking into consideration of the influence of wind on lifting load, ground condition, ground slope, operating speed and any other factors that have negative influence on the safe operation of the equipment. Therefore, the operator is responsible to assess the current situation and reduce the load and speed accordingly.
- ④ When main boom and jib combination length exceeds 71m, it is suggested to use wedge block to assist boom raising.
- ⑤ Limited by the length of auxiliary winch rope, please use main hoisting rope and reeve with multiple parts of line for operation.

Operation modes and lifting performance—— HF

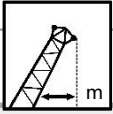

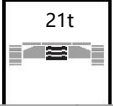
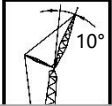
Main boom 17m, jib 9~30m

	9	12	15	18	21	24	27	30
7	75							
8	69.8	60.4						
9	65.3	56.2	49.2					
10	61.1	52.5	46	41.2				
12	52.3	46.4	40.5	36.2	33.4	31.4	29.8	
14	45.7	41.6	36.2	32.3	29.7	27.9	26.4	24.4
16	40.6	37.6	32.6	29	26.7	25	23.6	21.8
18	36.5	34.1	29.7	26.4	24.1	22.6	21.2	19.7
20	33.2	30.8	27.3	24.1	22	20.6	19.3	17.8
22	30.5	28.1	25.2	22.2	20.2	18.9	17.6	16.3
24	28.3	25.9	23.4	20.6	18.7	17.4	16.2	14.9
26		24	21.9	19.2	17.4	16.1	14.9	13.7
28		22.4	20.3	17.9	16.2	15	13.8	12.7
30			18.9	16.8	15.1	14	12.8	11.8
32				15.9	14.2	13.1	12	10.9
34				15.1	13.4	12.3	11.2	10.2
36					12.7	11.6	10.5	9.5
38						11	9.9	8.9
40							9.3	8.4
42							8.8	7.9
44								7.4

Operation modes and lifting performance—— HF

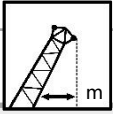

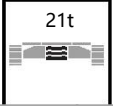
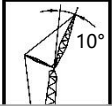
Main boom 23m, jib 9~30 m

	9	12	15	18	21	24	27	30
8	51.2	43.7						
9	48.7	41.3	35.5					
10	46.4	39.1	33.6	29.5				
12	42.4	35.4	30.2	26.5	24.1	22.4		
14	38.9	32.3	27.5	24	21.8	20.2	18.9	17.2
16	36	29.6	25.1	21.9	19.8	18.3	17.1	15.5
18	33.5	27.3	23.1	20.1	18.1	16.7	15.5	14.1
20	31.4	25.4	21.4	18.5	16.6	15.3	14.2	12.8
22	29.5	23.7	19.9	17.2	15.4	14.1	13	11.7
24	27.9	22.2	18.6	16	14.3	13.1	12	10.8
26	26.6	20.9	17.4	14.9	13.3	12.1	11.1	9.9
28	25.4	19.8	16.4	14	12.4	11.3	10.3	9.2
30	23.5	18.9	15.5	13.2	11.7	10.6	9.6	8.5
32		18	14.7	12.5	11	9.9	8.9	7.9
34			14.1	11.8	10.3	9.3	8.3	7.4
36			13.4	11.2	9.7	8.8	7.8	6.9
38				10.6	9.2	8.2	7.2	6.4
40					8.7	7.7	6.8	5.9
42					8.2	7.3	6.3	5.5
44						6.9	5.9	5.1
46							5.6	4.8
48								4.4
50								4.2

Operation modes and lifting performance—— HF

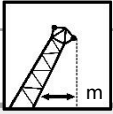

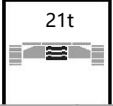
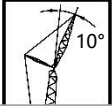
Main boom 29m, jib 9~30m

	9	12	15	18	21	24	27	30
8	62.4							
9	60.2	50.8						
10	58.2	48.8	41.5					
12	54.5	45.3	38.3	33.3	30	27.8		
14	51.3	42.3	35.7	30.9	27.8	25.6	23.9	21.6
16	48.6	39.7	33.3	28.8	25.8	23.8	22.1	19.9
18	46	37.3	31.2	26.9	24.1	22.1	20.5	18.5
20	43	35	29.2	25.1	22.5	20.6	19.1	17.2
22	37.5	33	27.4	23.6	21	19.2	17.7	16
24	33	31.2	25.9	22.2	19.7	18	16.6	14.9
26	29.3	29.5	24.5	20.9	18.6	16.9	15.5	13.9
28	26.2	26.4	23.2	19.8	17.5	15.9	14.5	13.1
30	23.5	23.7	22.1	18.8	16.6	15	13.7	12.3
32	21.2	21.4	21.1	17.8	15.7	14.2	12.9	11.5
34	19.1	19.4	19.7	17	14.9	13.5	12.2	10.9
36		17.6	17.9	16.2	14.2	12.8	11.5	10.3
38		15.9	16.3	15.6	13.6	12.2	10.9	9.7
40			14.9	14.9	13	11.6	10.4	9.2
42				13.7	12.4	11.1	9.9	8.7
44				12.5	12	10.6	9.4	8.3
46					11.5	10.2	9	7.9
48						9.8	8.5	7.5
50						9.4	8.1	7.1
52							7.8	6.7
54								6.4

Operation modes and lifting performance—— HF

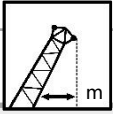

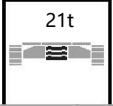
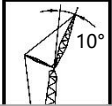
Main boom 35m, jib 9~30 m

	9	12	15	18	21	24	27	30
9	68.2							
10	66.5	55.7	47					
12	63.3	52.6	44.2	38.2	34.3			
14	60.1	49.8	41.7	36	32.2	29.6	27.6	
16	55.2	45.8	38.8	33.9	30.4	27.8	25.8	23.2
18	49.8	42.2	35.8	31.2	28.1	25.8	23.9	21.7
20	42.8	39.2	33.2	29	26	23.8	22	20
22	37.2	36.5	31	27	24.2	22.2	20.4	18.6
24	32.7	32.9	29	25.2	22.6	20.7	19	17.3
26	29	29.2	27.3	23.7	21.2	19.4	17.8	16.1
28	25.9	26.1	25.7	22.3	19.9	18.2	16.7	15.1
30	23.3	23.4	23.7	21.1	18.8	17.2	15.7	14.2
32	21	21.1	21.4	20	17.8	16.2	14.8	13.3
34	19	19.1	19.4	19	16.9	15.4	14	12.6
36	17.2	17.3	17.6	17.7	16.1	14.6	13.2	11.9
38	15.6	15.7	16	16.1	15.3	13.9	12.6	11.3
40	14.1	14.3	14.6	14.7	14.6	13.2	11.9	10.7
42		13	13.3	13.4	13.6	12.6	11.4	10.2
44			12.1	12.2	12.4	12.1	10.8	9.7
46			11.1	11.2	11.4	11.6	10.3	9.2
48				10.2	10.4	10.6	9.9	8.8
50					9.5	9.7	9.5	8.4
52					8.6	8.9	8.9	8
54						8.1	8.1	7.7
56							7.4	7.4
58							6.7	6.7
60								6.1

Operation modes and lifting performance—— HF

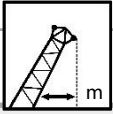
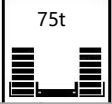
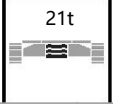
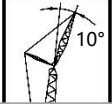
Main boom 41m, jib 9~30 m

	9	12	15	18	21	24	27	30
9	73.7							
10	71.1	59.4						
12	64.8	53.9	45.5	39.6				
14	59.4	49.4	41.7	36.3	32.6	29.9	27.8	
16	54.9	45.5	38.5	33.5	30	27.5	25.5	23.1
18	49.5	42.2	35.7	31	27.8	25.4	23.5	21.3
20	42.5	39.3	33.2	28.9	25.8	23.6	21.8	19.7
22	36.9	36.8	31.1	27	24.1	22.1	20.3	18.4
24	32.4	32.6	29.2	25.3	22.6	20.7	19	17.1
26	28.7	28.9	27.5	23.9	21.3	19.4	17.8	16
28	25.6	25.7	26	22.5	20.1	18.3	16.7	15.1
30	23	23.1	23.4	21.3	19	17.3	15.8	14.2
32	20.7	20.8	21	20.3	18	16.4	14.9	13.4
34	18.7	18.7	19	19.1	17.1	15.5	14.1	12.6
36	16.9	17	17.3	17.3	16.3	14.8	13.4	12
38	15.3	15.4	15.7	15.7	15.6	14.1	12.7	11.4
40	13.9	14	14.3	14.3	14.5	13.4	12.1	10.8
42	12.6	12.7	13	13	13.2	12.8	11.5	10.3
44	11.5	11.6	11.8	11.9	12	12.2	11	9.8
46	10.4	10.5	10.8	10.8	11	11.2	10.5	9.3
48		9.5	9.8	9.8	10	10.2	10.1	8.9
50			8.9	8.9	9.1	9.3	9.3	8.5
52			8.1	8.1	8.3	8.5	8.5	8.2
54				7.3	7.5	7.7	7.7	7.7
56					6.8	7	7	7
58						6.4	6.3	6.3
60						5.7	5.7	5.7
62							5.1	5.1
64								4.5
66								4

Operation modes and lifting performance—— HF

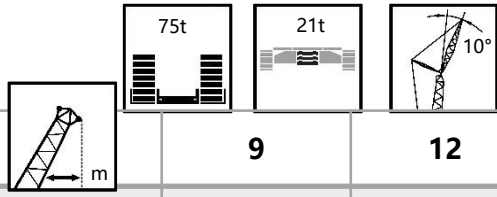
Main boom 47m, jib 9~30m

	9	12	15	18	21	24	27	30
10	69.2							
12	63.5	53	44.7	38.8				
14	58.7	48.8	41.2	35.8	32	29.3		
16	54.5	45.3	38.2	33.1	29.6	27.1	25.1	22.6
18	49.2	42.1	35.6	30.9	27.6	25.2	23.3	21
20	42.1	39.4	33.3	28.8	25.7	23.5	21.7	19.5
22	36.6	36.7	31.2	27.1	24.1	22	20.2	18.2
24	32.1	32.2	29.4	25.5	22.7	20.7	19	17.1
26	28.4	28.5	27.8	24	21.4	19.5	17.8	16
28	25.3	25.4	25.7	22.8	20.2	18.4	16.8	15.1
30	22.6	22.7	23	21.6	19.2	17.4	15.9	14.2
32	20.3	20.4	20.7	20.6	18.2	16.5	15	13.5
34	18.3	18.4	18.6	18.7	17.4	15.7	14.3	12.8
36	16.5	16.6	16.9	16.9	16.6	15	13.5	12.1
38	15	15	15.3	15.3	15.5	14.3	12.9	11.5
40	13.6	13.6	13.9	13.9	14	13.7	12.3	10.9
42	12.3	12.4	12.6	12.6	12.8	13	11.7	10.4
44	11.2	11.2	11.4	11.5	11.6	11.8	11.2	10
46	10.1	10.2	10.4	10.4	10.5	10.7	10.7	9.5
48	9.2	9.2	9.4	9.4	9.6	9.8	9.7	9.1
50	8.3	8.3	8.5	8.6	8.7	8.9	8.8	8.7
52		7.5	7.7	7.7	7.9	8.1	8	8
54		6.7	7	7	7.1	7.3	7.3	7.2
56			6.3	6.3	6.4	6.6	6.6	6.5
58				5.6	5.7	6	5.9	5.9
60				5	5.1	5.3	5.3	5.2
62					4.5	4.8	4.7	4.7
64						4.2	4.2	4.1
66							3.7	3.6
68							3.2	3.1
70								2.7

Operation modes and lifting performance—— HF

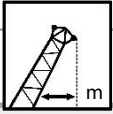
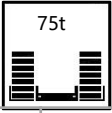
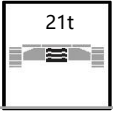
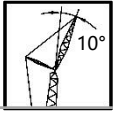
Main boom 53m, jib 9~27m



	9	12	15	18	21	24	27
10	53.6						
12	51.5	45.2	39.9				
14	49.4	43.3	37.7	33.1	30		
16	47.6	41.3	35.7	31.3	28.3	25.8	23.8
18	45.9	39.4	33.9	29.7	26.5	24.1	22.2
20	42	37.6	32.2	27.9	24.8	22.6	20.8
22	36.5	35.9	30.4	26.3	23.4	21.3	19.5
24	32	32.1	28.7	24.8	22.1	20.1	18.4
26	28.2	28.3	27.2	23.5	20.9	19	17.3
28	25.1	25.2	25.5	22.3	19.8	18	16.4
30	22.5	22.5	22.8	21.3	18.8	17.1	15.5
32	20.2	20.2	20.5	20.3	17.9	16.3	14.7
34	18.2	18.2	18.4	18.5	17.1	15.5	14
36	16.4	16.4	16.7	16.7	16.4	14.8	13.3
38	14.8	14.9	15.1	15.1	15.2	14.1	12.7
40	13.4	13.4	13.7	13.7	13.8	13.5	12.2
42	12.2	12.2	12.4	12.4	12.5	12.7	11.6
44	11	11	11.2	11.2	11.4	11.5	11.1
46	10	10	10.2	10.2	10.3	10.5	10.4
48	9.1	9.1	9.3	9.2	9.3	9.5	9.5
50	8.2	8.2	8.4	8.4	8.5	8.6	8.6
52	7.4	7.4	7.6	7.5	7.6	7.8	7.8
54	6.6	6.6	6.8	6.8	6.9	7.1	7
56	5.9	5.9	6.1	6.1	6.2	6.4	6.3
58		5.3	5.5	5.4	5.5	5.7	5.6
60			4.8	4.8	4.9	5.1	5
62			4.3	4.2	4.4	4.5	4.5
64				3.7	3.8	4	3.9
66					3.3	3.5	3.4
68					2.8	3	2.9
70						2.5	2.5
72							2

Operation modes and lifting performance—— HF

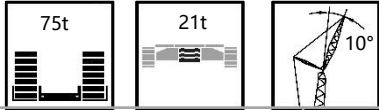
Main boom 59m, jib 9~18m

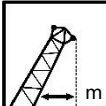
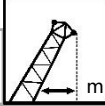





	9	12	15
12	48.4	42.7	
14	46.8	41.1	36.2
16	45.1	39.5	34.8
18	43.6	38.1	33.5
20	40.9	36.8	32.1
22	36.1	35.5	30.3
24	31.6	31.7	28.8
26	27.9	28	27.4
28	24.7	24.8	25.1
30	22.1	22.1	22.4
32	19.8	19.8	20.1
34	17.8	17.8	18
36	16	16	16.2
38	14.4	14.4	14.7
40	13	13	13.2
42	11.8	11.8	12
44	10.7	10.6	10.8
46	9.6	9.6	9.8
48	8.7	8.6	8.8
50	7.8	7.8	8
52	7	7	7.2
54	6.3	6.2	6.4
56	5.6	5.5	5.7
58	4.9	4.9	5.1
60	4.3	4.3	4.5
62		3.7	3.9
64		3.2	3.4
66			2.9

Operation modes and lifting performance—— HF

Main boom 62m, jib 9m



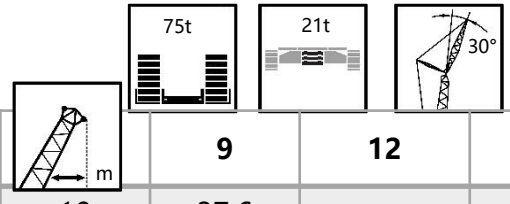
 m	9	12	 m	9	12
12	47	41.4	40	12.8	12.8
14	45.3	39.9	42	11.6	11.6
16	43.8	38.5	44	10.4	10.4
18	42.4	37.1	46	9.4	9.4
20	40.2	35.9	48	8.5	8.4
22	35.7	34.7	50	7.6	7.6
24	31.4	31.5	52	6.8	6.8
26	27.7	27.8	54	6.1	6
28	24.5	24.6	56	5.4	5.3
30	21.9	21.9	58	4.7	4.7
32	19.6	19.6	60	4.1	4.1
34	17.6	17.6	62	3.6	3.5
36	15.8	15.8	64	3	3
38	14.2	14.2	66		2.5

Note:

- ① The 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 with gradient not exceed 1%, slowly lifting a load and without travel.
- ③ The rated load refers to the value when load is suspended freely. Without taking into consideration of the influence of wind on lifting load, ground condition, ground slope, operating speed and any other factors that have negative influence on the safe operation of the equipment. Therefore, the operator is responsible to assess the current situation and reduce the load and speed accordingly.
- ④ When main boom and jib combination length exceeds 71m, it is suggested to use wedge block to assist boom raising.
- ⑤ Limited by the length of auxiliary winch rope, please use main hoisting rope and reeve with multiple parts of line for operation.

Operation modes and lifting performance—— HF

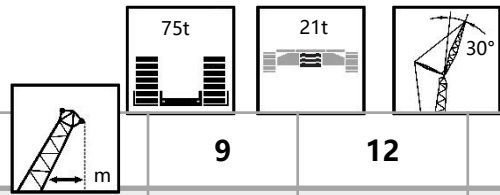
Main boom 17m, jib 9~30m



	9	12	15	18	21	24	27	30
10	37.6							
12	33.9	31.1						
14	31	28.1	25.6					
16	28.6	25.8	23.3	21.3				
18	26.7	23.8	21.4	19.5	18.3	16.9		
20	25.1	22.2	19.8	18	16.9	15.8	14.5	
22	23.8	20.8	18.5	16.7	15.6	14.8	13.6	12.3
24	23	19.7	17.3	15.6	14.4	13.8	12.7	11.5
26		18.8	16.4	14.6	13.5	12.8	11.9	10.8
28			15.6	13.7	12.6	11.9	11.2	10.2
30			15	13	11.9	11.2	10.4	9.5
32				12.4	11.2	10.5	9.7	8.8
34					10.7	9.9	9.1	8.2
36						9.4	8.6	7.7
38						9	8.1	7.2
40							7.7	6.8
42								6.4
44								6.1

Operation modes and lifting performance—— HF

Main boom 23m, jib 9~30 m



	9	12	15	18	21	24	27	30
10	30.6							
12	29	23.4						
14	27.6	22.1	18.4					
16	26.4	21	17.4	14.9				
18	25.3	19.9	16.5	14.1	12.4			
20	24.3	19	15.7	13.3	11.7	10.6		
22	23.5	18.2	15	12.6	11.1	10	8.9	7.9
24	22.9	17.5	14.3	12	10.5	9.4	8.4	7.4
26	22.3	16.9	13.7	11.5	10	8.9	7.9	7
28	22	16.4	13.2	11	9.5	8.5	7.5	6.5
30		16.1	12.8	10.5	9.1	8.1	7.1	6.2
32			12.4	10.2	8.7	7.7	6.7	5.8
34			12.2	9.8	8.4	7.4	6.4	5.5
36				9.6	8.1	7.1	6.1	5.2
38					7.8	6.8	5.8	4.9
40					7.6	6.5	5.5	4.7
42						6.3	5.3	4.4
44							5.1	4.2
46							5	4.1
48								3.9

Operation modes and lifting performance—— HF

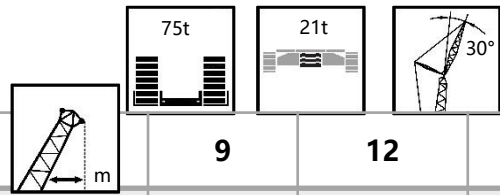
Main boom 29m, jib 9~30m



	9	12	15	18	21	24	27	30
12	35.7	28.5						
14	34.7	27.5	22.6					
16	32.6	26.6	21.8	18.5				
18	30.8	25.6	21	17.8	15.5			
20	29.2	24.7	20.2	17.1	15	13.4		
22	27.8	23.9	19.5	16.4	14.3	12.9	11.5	
24	26.6	23	18.8	15.8	13.8	12.3	11	9.7
26	25.5	21.9	18.2	15.2	13.2	11.8	10.6	9.3
28	24.6	21	17.6	14.7	12.7	11.4	10.1	8.9
30	23.7	20.2	17.1	14.2	12.3	10.9	9.7	8.5
32	21.3	19.5	16.6	13.8	11.9	10.5	9.3	8.1
34		18.9	16	13.4	11.5	10.1	8.9	7.8
36		17.7	15.5	13	11.1	9.8	8.6	7.5
38			15.1	12.7	10.8	9.5	8.3	7.2
40				12.5	10.5	9.2	8	6.9
42				12.1	10.3	8.9	7.7	6.6
44					10.1	8.7	7.5	6.4
46						8.5	7.3	6.2
48						8.4	7.1	6
50							6.9	5.8
52								5.6
54								5.5

Operation modes and lifting performance—— HF

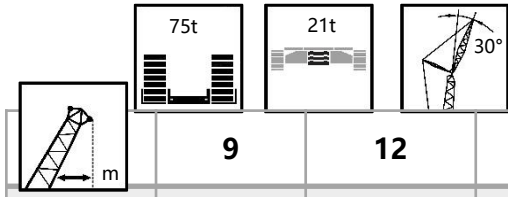
Main boom 35m, jib 9~30 m



	9	12	15	18	21	24	27	30
12	38.4							
14	36.1	31.3						
16	34	29.9	24.9					
18	32.3	28.2	24.3	20.4	17.8			
20	30.7	26.7	23.2	19.9	17.3	15.4		
22	29.3	25.4	22	19.4	16.8	15	13.4	
24	28.1	24.2	20.9	18.4	16.4	14.6	13	11.4
26	27	23.2	19.9	17.5	15.8	14.2	12.6	11.1
28	26.1	22.3	19.1	16.7	15	13.8	12.3	10.8
30	23.6	21.4	18.3	15.9	14.3	13.3	11.9	10.4
32	21.2	20.7	17.6	15.3	13.7	12.6	11.5	10.1
34	19.2	19.5	17	14.7	13.1	12.1	11	9.7
36	17.3	17.7	16.4	14.1	12.6	11.5	10.5	9.2
38		16	15.9	13.6	12.1	11.1	10	8.8
40		14.5	15	13.2	11.6	10.6	9.5	8.4
42			13.6	12.8	11.2	10.2	9.1	8
44				12.5	10.9	9.8	8.7	7.6
46				11.4	10.5	9.5	8.4	7.3
48					10.3	9.2	8.1	7
50						8.9	7.8	6.7
52						8.7	7.5	6.4
54							7.3	6.2
56								6
58								5.8

Operation modes and lifting performance—— HF

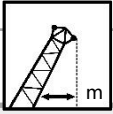

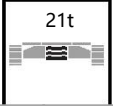
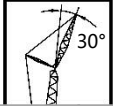
Main boom 41m, jib 9~30 m



	9	12	15	18	21	24	27	30
12	39.8							
14	37.6	32.7						
16	35.6	30.9	26.7					
18	33.9	29.2	25.3	22.3				
20	32.3	27.8	24	21.1	19.2			
22	30.9	26.5	22.8	20	18.1	16.7	15	
24	29.7	25.4	21.8	19.1	17.2	16	14.6	12.8
26	28.6	24.3	20.8	18.2	16.4	15.1	14	12.5
28	26.1	23.4	20	17.4	15.6	14.4	13.3	11.9
30	23.4	22.6	19.2	16.7	14.9	13.7	12.6	11.2
32	21	21.4	18.5	16	14.3	13.1	12	10.7
34	19	19.3	17.9	15.4	13.7	12.6	11.5	10.1
36	17.1	17.4	17.3	14.9	13.2	12	10.9	9.6
38	15.5	15.8	16.2	14.4	12.7	11.6	10.5	9.2
40	14	14.3	14.7	13.9	12.2	11.1	10	8.8
42	12.7	13	13.4	13.5	11.8	10.7	9.6	8.4
44		11.7	12.2	12.4	11.5	10.3	9.2	8
46			11	11.2	11.1	10	8.9	7.7
48			10	10.2	10.5	9.7	8.6	7.4
50				9.2	9.5	9.4	8.3	7.1
52					8.6	9	8	6.8
54					7.8	8.2	7.7	6.6
56						7.4	7.5	6.3
58							6.8	6.1
60							6	5.9
62								5.5

Operation modes and lifting performance—— HF

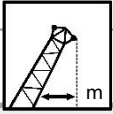
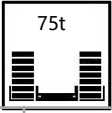
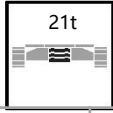
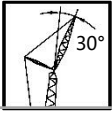
Main boom 47m, jib 9~30m

	9	12	15	18	21	24	27	30
12	40.9							
14	38.8	33.5						
16	36.9	31.8	27.4					
18	35.2	30.2	26	22.7				
20	33.7	28.8	24.7	21.5	19.6			
22	32.3	27.6	23.6	20.5	18.6	16.9		
24	31.1	26.4	22.6	19.6	17.7	16.3	14.6	
26	28.9	25.4	21.6	18.7	16.9	15.6	14	12.5
28	25.7	24.5	20.8	17.9	16.2	14.9	13.5	12
30	23	23.3	20	17.2	15.5	14.2	13	11.5
32	20.6	20.9	19.3	16.6	14.9	13.6	12.4	10.9
34	18.6	18.8	18.7	16	14.3	13.1	11.8	10.4
36	16.7	17	17.5	15.4	13.8	12.5	11.3	10
38	15.1	15.4	15.8	14.9	13.3	12.1	10.9	9.5
40	13.7	13.9	14.3	14.5	12.8	11.6	10.4	9.1
42	12.4	12.6	13	13.2	12.4	11.2	10	8.7
44	11.2	11.4	11.8	12	12	10.8	9.6	8.4
46	10.1	10.3	10.7	10.8	11.1	10.5	9.3	8
48		9.3	9.6	9.8	10.1	10.1	9	7.7
50		8.3	8.7	8.9	9.1	9.5	8.7	7.4
52			7.8	8	8.3	8.6	8.4	7.2
54				7.1	7.4	7.8	7.9	6.9
56				6.4	6.7	7	7.1	6.7
58					5.9	6.3	6.4	6.4
60						5.6	5.7	5.8
62							5	5.1
64							4.4	4.5
66								3.8

Operation modes and lifting performance—— HF

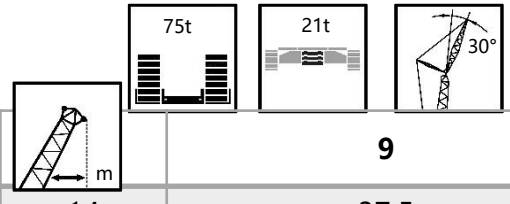
Main boom 53m, jib 9~27m

	9	12	15	18	21	24	27
14	38.1						
16	36.9	30.3	25.6				
18	35.8	29.3	24.7	21.2			
20	34.6	28.4	23.9	20.5	18.1		
22	33.3	27.6	23.2	19.8	17.5	15.7	
24	32.1	26.8	22.5	19.2	16.9	15.2	13.7
26	29	26.1	21.8	18.6	16.4	14.7	13.2
28	25.8	25.4	21.3	18.1	15.9	14.2	12.7
30	23	23.4	20.7	17.6	15.4	13.8	12.3
32	20.7	21	20.2	17.2	15	13.4	11.9
34	18.6	18.9	19.3	16.7	14.6	13	11.6
36	16.8	17	17.5	16.1	14.2	12.6	11.2
38	15.2	15.4	15.8	15.6	13.7	12.2	10.8
40	13.7	13.9	14.3	14.5	13.3	11.9	10.5
42	12.4	12.6	13	13.2	12.9	11.5	10.1
44	11.3	11.4	11.8	11.9	12.2	11.2	9.8
46	10.2	10.3	10.7	10.8	11.1	10.9	9.5
48	9.2	9.3	9.7	9.8	10.1	10.4	9.3
50	8.3	8.4	8.7	8.8	9.1	9.4	9
52		7.6	7.9	8	8.2	8.6	8.6
54		6.8	7.1	7.2	7.4	7.7	7.8
56			6.3	6.4	6.7	7	7
58				5.7	5.9	6.3	6.3
60				5	5.3	5.6	5.6
62					4.6	4.9	5
64						4.3	4.4
66						3.8	3.8
68							3.3

Operation modes and lifting performance—— HF

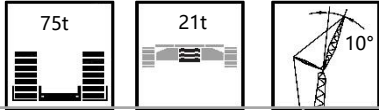
Main boom 59m, jib 9~18m



	9	12	15
14	37.5		
16	36.5	30	
18	35.5	29.1	24.5
20	34.6	28.3	23.7
22	33.7	27.5	23
24	32.5	26.8	22.4
26	28.7	26.1	21.8
28	25.5	25.5	21.3
30	22.7	23.1	20.8
32	20.4	20.6	20.2
34	18.3	18.5	19
36	16.5	16.7	17.1
38	14.8	15.1	15.5
40	13.4	13.6	14
42	12.1	12.3	12.7
44	10.9	11.1	11.4
46	9.9	10	10.3
48	8.9	9	9.3
50	8	8.1	8.4
52	7.1	7.2	7.5
54	6.4	6.5	6.7
56	5.6	5.7	6
58		5	5.3
60			4.7
62			4.1

Operation modes and lifting performance—— HF

Main boom 65m, jib 9m



	9	12	9	12
14	36.4		14.7	14.9
16	35.5	29.9	13.2	13.4
18	34.7	29	11.9	12.1
20	33.9	28.2	10.7	10.9
22	33.1	27.4	9.7	9.8
24	32.4	26.7	8.7	8.8
26	28.5	26.1	7.8	7.9
28	25.3	25.5	7	7.1
30	22.6	22.9	6.2	6.3
32	20.2	20.5	5.5	5.5
34	18.1	18.4	4.8	4.9
36	16.3	16.5		4.2

Note:

- ① The 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 with gradient not exceed 1%, slowly lifting a load and without travel.
- ③ The rated load refers to the value when load is suspended freely. Without taking into consideration of the influence of wind on lifting load, ground condition, ground slope, operating speed and any other factors that have negative influence on the safe operation of the equipment. Therefore, the operator is responsible to assess the current situation and reduce the load and speed accordingly.
- ④ When main boom and jib combination length exceeds 71m, it is suggested to use wedge block to assist boom raising.
- ⑤ Limited by the length of auxiliary winch rope, please use main hoisting rope and reeve with multiple parts of line for operation.

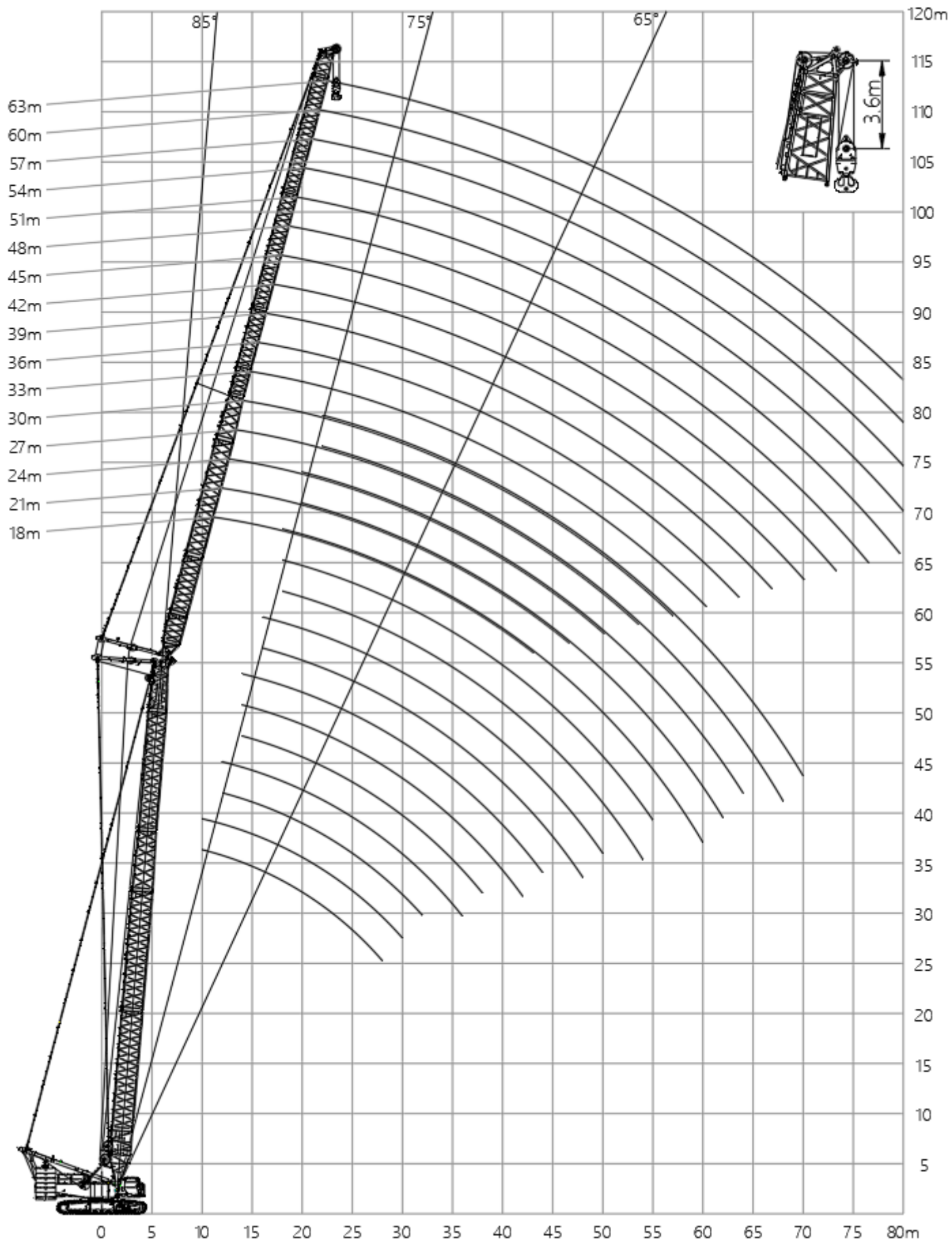
Operation modes and lifting performance—— HW

Main boom combinations																
Name	Length(m)															
	20	23	26	29	32	35	38	41	44	47	50	53	56	——	——	——
Main boom butt 6m	1	1	1	1	1	1	1	1	1	1	1	1	1			
3mA insert section	1	0	1	0	1	0	1	0	1	0	1	0	1			
6mA insert section	0	1	1	0	0	1	1	0	0	1	1	0	0			
12mA insert section	0	0	0	1	1	1	1	2	2	2	2	2	2			
6m transition section	1	1	1	1	1	1	1	1	1	1	1	1	1			
3mB insert section	0	0	0	0	0	0	0	0	0	0	0	0	0			
6mB insert section	0	0	0	0	0	0	0	0	0	0	0	0	0			
12mB jib insert	0	0	0	0	0	0	0	0	0	0	0	1	1			
Main boom top 5m	1	1	1	1	1	1	1	1	1	1	1	1	1			

Jib combination																
Name	Length(m)															
	18	21	24	27	30	33	36	39	42	45	48	*51	*54	*57	*60	*63
Tower jib butt 1.5m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3mB insert section	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6mB insert section	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
12mB insert section	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4.5m tower jib transition section	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3mC insert section	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
6mC insert section	0	0	1	0	0	0	1	1	0	0	1	1	0	0	1	1
12mC insert section	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2
Tower jib top 3m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

- Note:
- ① "*" Tower jib length needs to use 2.497m center hitch.
 - ② Tower jib rear pendants need to be installed on main boom sections and guide pulley for tower jib must be installed on main boom top section.
 - ③ When main boom and jib combination length exceeds 71m, it is suggested to use wedge block to assist boom raising.

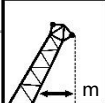
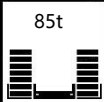
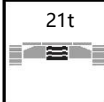
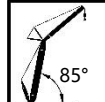
Operation modes and lifting performance — HW



XCMG_XLC260M

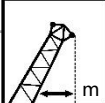
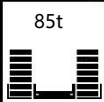
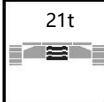
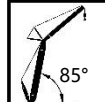
Operation modes and lifting performance—— HW

Main boom 20m, jib 18~39m

									
	18	21	24	27	30	33	36	39	
10	80								
11	77.9	76.8							
12	73	75.7	70.9						
13	68.7	74	66.9	69.9					
14	65	69.5	61.6	63.7	71.6				
15	61.7	64	57.1	58.5	64.5	54.8			
16	58.8	58.8	53.1	54	58.5	50.5	45.6		
17	53.8	53.8	49.6	50.1	53.4	46.7	42.3	40.1	
18	49.5	49.5	46.5	46.7	49.1	43.4	39.4	37.5	
19	45.5	45.8	43.7	43.6	45.4	40.5	36.9	35.1	
20	40.5	42.6	41.2	40.9	42.2	38	34.6	33	
22		36.8	36.9	36.4	36.8	33.6	30.6	29.3	
24		27.4	33.1	32.7	32.6	30	27.4	26.1	
26			27.4	29.4	29.1	27	24.6	23.5	
28				26	26.2	24.5	22.3	21.2	
30					23.8	22.4	20.3	19.3	
32					19.5	20.5	18.6	17.6	
34						18.9	17.1	16.1	
36							15.8	14.8	
38							14.6	13.6	
40								12.6	

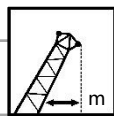
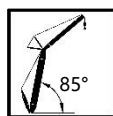
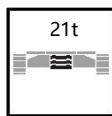
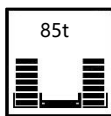
Operation modes and lifting performance—— HW

Main boom 20m, jib 42~63m

	  							
	42	45	48	51	54	57	60	63
18	34.4							
19	32.2	30.4						
20	30.3	28.6	26.1					
22	26.9	25.5	23.2	26.5	28			
24	24.1	22.7	20.7	23.8	25.1	25.4	23.9	
26	21.7	20.4	18.6	21.5	22.6	22.8	23	21
28	19.6	18.4	16.8	19.4	20.5	20.6	20.7	20.2
30	17.8	16.7	15.2	17.6	18.5	18.7	18.8	18.6
32	16.3	15.1	13.8	16	16.9	17	17	16.8
34	14.9	13.8	12.5	14.6	15.4	15.4	15.5	15.3
36	13.6	12.6	11.4	13.3	14.1	14.1	14.2	14
38	12.5	11.5	10.4	12.2	12.9	12.9	13	12.7
40	11.5	10.6	9.5	11.1	11.8	11.8	11.9	11.6
42	10.6	9.7	8.6	10.2	10.9	10.9	10.9	10.7
44		8.9	7.9	9.4	10	10	10	9.8
46		8.2	7.2	8.6	9.2	9.1	9.2	8.9
48			6.6	7.9	8.4	8.4	8.4	8.2
50				7.2	7.8	7.7	7.7	7.5
52				6.6	7.1	7.1	7.1	6.8
54					6.6	6.5	6.5	6.2
56						5.9	5.9	5.6
58						5.4	5.4	5.1
60							4.9	4.6
62								4.1

Operation modes and lifting performance—— HW

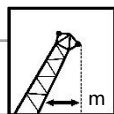
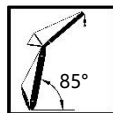
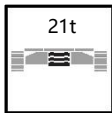
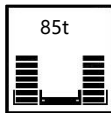
Main boom 26m, jib 18~39m



	18	21	24	27	30	33	36	39
11	78.5							
12	74.6	75.9						
13	70.2	74.9	69.1					
14	66.3	71.4	63.6	66.1				
15	62.9	66	58.8	60.5	65.5			
16	59.9	60.1	54.7	55.8	59.7	52.1		
17	55.1	55.2	51	51.7	54.8	48.2	43.5	
18	50.8	51	47.8	48	50.6	44.7	40.5	38.4
19	47.1	47.3	44.9	44.9	46.9	41.7	37.8	36
20	43.6	44.1	42.3	42.1	43.7	39	35.5	33.8
22		38.6	37.8	37.3	38.1	34.4	31.4	30
24		31.9	34.1	33.4	33.6	30.7	28	26.7
26			29.8	30.2	29.9	27.6	25.2	24
28				27.2	26.9	25	22.8	21.7
30				23	24.4	22.8	20.8	19.7
32					21.7	20.9	19	17.9
34						19.3	17.4	16.4
36							16.1	15.1
38							14.9	13.9
40								12.9

Operation modes and lifting performance—— HW

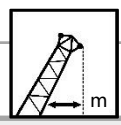
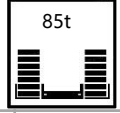
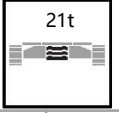
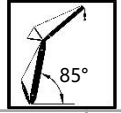
Main boom 26m, jib 42~63m



	42	45	48	51	54	57	60	63
19	33							
20	31	29.3	26.6					
22	27.5	26	23.7	27	28.4			
24	24.6	23.2	21.2	24.3	25.6	25.8	23.6	
26	22.2	20.8	19	21.9	23	23.2	22.8	20.9
28	20	18.8	17.1	19.8	20.8	21	21.1	20.2
30	18.2	17	15.5	17.9	18.9	19	19.1	18.9
32	16.6	15.5	14.1	16.3	17.2	17.3	17.3	17.1
34	15.2	14.1	12.8	14.9	15.7	15.7	15.8	15.6
36	13.9	12.8	11.6	13.6	14.3	14.4	14.4	14.2
38	12.8	11.8	10.6	12.4	13.1	13.1	13.2	13
40	11.8	10.8	9.7	11.4	12	12	12.1	11.8
42	10.8	9.9	8.8	10.4	11.1	11	11.1	10.8
44	10	9.1	8.1	9.5	10.2	10.1	10.2	9.9
46		8.4	7.4	8.7	9.4	9.3	9.3	9.1
48			6.7	8	8.6	8.6	8.6	8.3
50			6.2	7.4	7.9	7.9	7.9	7.6
52				6.7	7.3	7.2	7.2	6.9
54					6.7	6.6	6.6	6.3
56						6.1	6	5.8
58						5.5	5.5	5.2
60							5	4.7
62								4.2
64								3.8

Operation modes and lifting performance—— HW

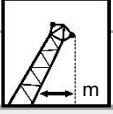
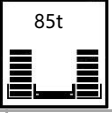
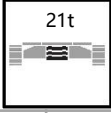
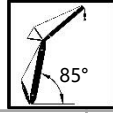
Main boom 35m, jib 19~39 m

	18	21	24	27	30	33	36	39
12	75.8							
13	71.2	75						
14	67.2	71.2	65.6	67.2				
15	63.7	67.4	60.6	62.7	61.8			
16	60.6	61.4	56.3	57.7	58.9	53.8		
17	56.1	56.2	52.5	53.3	55.6	49.7	44.7	
18	51.6	51.7	49.1	49.6	51.2	46.1	41.6	39.3
19	47.7	47.9	46.1	46.2	47.4	42.9	38.8	36.8
20	44.3	44.5	43.4	43.3	44.1	40.1	36.4	34.5
22	36.5	39	38.8	38.3	38.6	35.4	32.2	30.6
24		34	34.7	34.3	34.2	31.5	28.7	27.4
26			31	30.9	30.7	28.3	25.8	24.5
28				27.9	27.6	25.6	23.3	22.2
30				24.4	25	23.3	21.2	20.1
32					22.7	21.4	19.4	18.3
34						19.7	17.8	16.8
36						18.2	16.4	15.4
38							15.2	14.2
40								13.1
42								12.2

Operation modes and lifting performance—— HW

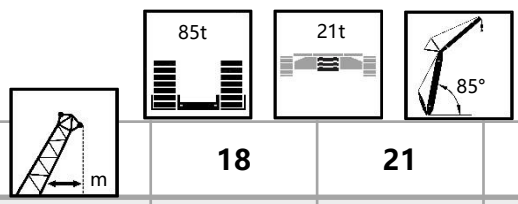
Main boom 32m, jib 42~63 m

	42	45	48	51	54	57	60	63
19	33.7							
20	31.7	29.8						
22	28.1	26.6	24.1	27.4				
24	25.2	23.7	21.6	24.7	26	26.2		
26	22.6	21.3	19.4	22.3	23.4	23.6	22.4	20.6
28	20.5	19.2	17.5	20.1	21.2	21.3	21.4	19.9
30	18.6	17.4	15.8	18.3	19.2	19.3	19.4	19.2
32	16.9	15.8	14.3	16.6	17.5	17.5	17.6	17.4
34	15.5	14.4	13	15.1	15.9	16	16	15.8
36	14.2	13.1	11.9	13.8	14.6	14.6	14.7	14.4
38	13	12	10.8	12.6	13.4	13.4	13.4	13.2
40	12	11	9.9	11.6	12.3	12.3	12.3	12
42	11.1	10.1	9	10.6	11.3	11.2	11.3	11
44	10.2	9.3	8.2	9.7	10.4	10.3	10.3	10.1
46		8.5	7.5	8.9	9.5	9.5	9.5	9.3
48			6.9	8.2	8.8	8.7	8.7	8.5
50			6.3	7.5	8.1	8	8	7.7
52				6.9	7.4	7.4	7.3	7.1
54					6.8	6.8	6.7	6.5
56					6.3	6.2	6.2	5.9
58						5.7	5.6	5.3
60							5.1	4.8
62							4.7	4.4
64								3.9

Operation modes and lifting performance—— HW

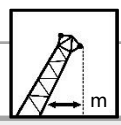
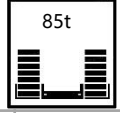
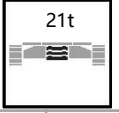
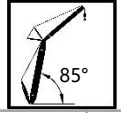
Main boom 38m, jib 18~39m



	18	21	24	27	30	33	36	39
12	76.4							
13	71.8	69.7						
14	67.6	65.8	64					
15	63.8	62.3	60.7	58.9				
16	60.4	59	57.6	56	54.3			
17	57.3	56.1	53.9	53.4	51.8	50.4		
18	53.1	53.2	50.4	50.9	49.5	47.5	42.6	
19	49	49.1	47.3	47.6	47.4	44.1	39.8	37.6
20	45.4	45.6	44.5	44.5	45	41.2	37.3	35.3
22	39.3	39.7	39.7	39.4	39.3	36.3	32.9	31.3
24		35	35.2	35	34.8	32.3	29.4	28
26			31.4	31.3	31.1	29	26.4	25.1
28			27.5	28.2	28	26.2	23.8	22.6
30				25.5	25.4	23.8	21.7	20.5
32					23.1	21.8	19.8	18.7
34					20.3	20.1	18.1	17.1
36						18.6	16.7	15.7
38							15.5	14.5
40								13.4
42								12.4

Operation modes and lifting performance—— HW

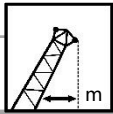
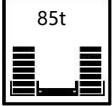
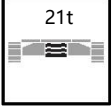
Main boom 38m, jib 42~63m

	42	45	48	51	54	57	60	63
20	32.3							
22	28.7	27	24.6	27.7				
24	25.7	24.2	22	25	26.2	25.5		
26	23.1	21.7	19.8	22.6	23.7	23.9	21.9	20.2
28	20.9	19.6	17.8	20.5	21.5	21.6	21.2	19.5
30	18.9	17.7	16.1	18.6	19.5	19.6	19.7	18.9
32	17.3	16.1	14.6	16.9	17.8	17.8	17.9	17.7
34	15.8	14.6	13.3	15.4	16.2	16.3	16.3	16.1
36	14.5	13.4	12.1	14.1	14.8	14.8	14.9	14.7
38	13.3	12.2	11	12.9	13.6	13.6	13.6	13.4
40	12.2	11.2	10.1	11.8	12.5	12.5	12.5	12.2
42	11.3	10.3	9.2	10.8	11.5	11.4	11.5	11.2
44	10.4	9.5	8.4	9.9	10.5	10.5	10.5	10.3
46		8.7	7.7	9.1	9.7	9.7	9.7	9.4
48		8	7	8.4	8.9	8.9	8.9	8.6
50			6.4	7.7	8.2	8.2	8.2	7.9
52				7	7.6	7.5	7.5	7.2
54				6.5	7	6.9	6.9	6.6
56					6.4	6.3	6.3	6
58						5.8	5.8	5.5
60							5.3	5
62							4.8	4.5
64								4

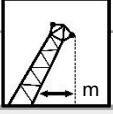
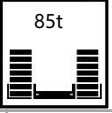
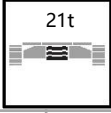
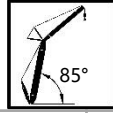
Operation modes and lifting performance—— HW

Main boom 44m, jib 18~39m

								
	18	21	24	27	30	33	36	39
13	67.1							
14	63.2	61.4						
15	59.7	58.1	56.6					
16	56.5	55.1	53.7	52.1	50			
17	53.6	52.3	51.1	49.7	48.1	46.2		
18	50.9	49.8	48.7	47.4	46.1	44.6	42.6	
19	48.5	47.5	46.5	45.3	44.1	42.8	40.7	38.2
20	46.2	45.3	44.5	43.3	42.2	40.8	38.1	35.9
22	40.6	40.3	39.7	38.9	38	36.8	33.7	31.9
24		35.2	34.9	34.5	33.9	33.1	30	28.5
26		30.9	30.7	30.5	30.2	29.7	26.9	25.6
28			27.1	27	26.9	26.6	24.3	23.1
30				24	23.9	23.9	22.1	21
32					21.4	21.4	20.2	19.1
34					19.1	19.2	18.5	17.5
36						17.2	17	16
38							15.7	14.8
40							14.1	13.6
42								12.6

Operation modes and lifting performance—— HW

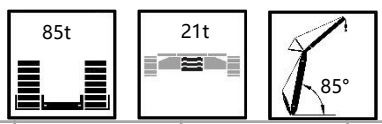
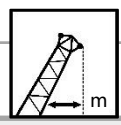
Main boom 44m, jib 42~63m

	42	45	48	51	54	57	60	63
20	32.8							
22	29.2	27.4	24.9					
24	26.1	24.6	22.3	25.2	24.9			
26	23.5	22.1	20.1	22.9	23.4	22.2	21	
28	21.2	20	18.1	20.8	21.8	20.9	19.9	18.7
30	19.3	18.1	16.4	18.9	19.8	19.6	18.7	17.8
32	17.6	16.4	14.9	17.2	18	18.1	17.6	16.8
34	16.1	14.9	13.6	15.7	16.5	16.5	16.5	15.8
36	14.7	13.6	12.3	14.3	15.1	15.1	15.1	14.8
38	13.5	12.5	11.3	13.1	13.8	13.8	13.8	13.6
40	12.5	11.4	10.3	12	12.7	12.7	12.7	12.4
42	11.5	10.5	9.4	11	11.7	11.6	11.6	11.4
44	10.6	9.7	8.6	10.1	10.7	10.7	10.7	10.4
46	9.9	8.9	7.9	9.3	9.9	9.8	9.8	9.6
48		8.2	7.2	8.5	9.1	9	9	8.8
50			6.6	7.8	8.4	8.3	8.3	8
52				7.2	7.7	7.6	7.6	7.4
54				6.6	7.1	7	7	6.7
56					6.6	6.5	6.4	6.1
58						5.9	5.9	5.6
60						5.4	5.4	5.1
62							4.9	4.6
64								4.1
66								3.7

Operation modes and lifting performance—— HW

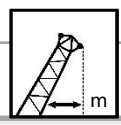
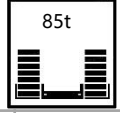
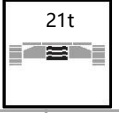
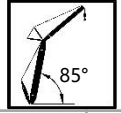
Main boom 50m, jib 18~39m

	18	21	24	27	30	33	36	39
13	60.9							
14	57.9	55.5						
15	55.1	53.1	51					
16	52.6	50.8	48.8	46.9				
17	50.3	48.5	46.8	45.1	43.3			
18	47.8	46.5	45	43.2	41.3	39.4		
19	45.1	43.8	42.4	40.9	39.3	37.6	36	
20	42.2	41.1	40	38.7	37.4	35.9	34.5	32.8
22	36.9	36.2	35.4	34.6	33.6	32.6	31.5	30.2
24		31.8	31.4	30.8	30.1	29.4	28.6	27.7
26		28.1	27.8	27.4	27	26.5	25.9	25.2
28			24.6	24.4	24.1	23.8	23.5	23
30				21.7	21.6	21.4	21.2	20.9
32				19.4	19.3	19.2	19.1	18.9
34					17.3	17.3	17.3	17.2
36						15.6	15.6	15.6
38						14.1	14.1	14.1
40							12.8	12.8
42								11.7

Operation modes and lifting performance—— HW

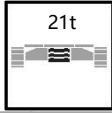
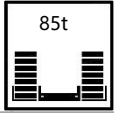
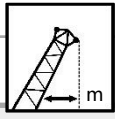
Main boom 50m, jib 42~63m

	42	45	48	51	54	57	60	63
22	29	27.6						
24	26.5	24.9	22.6	23.4	22.3			
26	23.9	22.5	20.4	21.9	20.9	19.9	18.9	
28	21.6	20.3	18.4	20.4	19.6	18.7	17.8	16.9
30	19.6	18.4	16.7	18.9	18.3	17.5	16.8	16
32	17.9	16.7	15.2	17.4	17	16.4	15.7	15
34	16.4	15.2	13.8	15.9	15.7	15.2	14.7	14.1
36	15	13.9	12.6	14.5	14.6	14.2	13.7	13.2
38	13.8	12.7	11.5	13.3	13.4	13.1	12.8	12.4
40	12.7	11.7	10.5	12.2	12.4	12.2	11.9	11.6
42	11.7	10.7	9.6	11.2	11.5	11.3	11.1	10.8
44	10.7	9.9	8.8	10.3	10.6	10.4	10.3	10
46	9.8	9.1	8	9.5	9.7	9.6	9.5	9.3
48		8.4	7.4	8.7	9	8.9	8.8	8.7
50			6.7	8	8.3	8.2	8.2	8
52			6.2	7.3	7.6	7.6	7.6	7.5
54				6.7	7.1	7	7	6.8
56					6.5	6.5	6.5	6.3
58					6	6	6	5.7
60						5.6	5.5	5.2
62							5	4.7
64								4.2
66								3.8

Operation modes and lifting performance—— HW

Main boom 56m, jib 18~42m



	18	21	24	27	30	33	36	39	42
14	49.4								
15	46	44.9							
16	42.8	42.5	41.1						
17	40	39.7	39.4	37.7	35.5				
18	37.5	37.2	37	36	34.3	32.5			
19	35.3	35.1	34.8	34.3	32.8	31.2	29.8		
20	33.4	33.1	32.9	32.6	31.3	29.9	28.6	27.2	
22	30.1	29.9	29.7	29.3	28.3	27.3	26.3	25.2	24.1
24	27.5	27.2	27	26.3	25.6	24.8	24.1	23.2	22.3
26		24.6	24.1	23.6	23	22.5	21.9	21.2	20.6
28			21.5	21.1	20.7	20.3	19.9	19.4	18.9
30			19.3	18.9	18.6	18.4	18.1	17.7	17.3
32				17	16.8	16.6	16.4	16.1	15.8
34					15.1	15	14.9	14.7	14.5
36						13.5	13.5	13.3	13.2
38						12.2	12.2	12.1	12.1
40							11.1	11	11
42								10.1	10
44								9.2	9.2
46									8.4

Note:

- ① The 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 with gradient not exceed 1%, slowly lifting a load and without travel.
- ③ The rated load refers to the value when load is suspended freely. Without taking into consideration of the influence of wind on lifting load, ground condition, ground slope, operating speed and any other factors that have negative influence on the safe operation of the equipment. Therefore, the operator is responsible to assess the current situation and reduce the load and speed accordingly.
- ④ When tower jib length exceeds 48m, center hitch needs to be used; when main boom and jib combination length exceeds 71m, it is suggested to use wedge block to assist boom raising.
- ⑤ Aux. winch is used for tower jib luffing, please use main winch rope with multiple parts of line.

Operation modes and lifting performance—— LB

Light duty main boom combination

Name	Length(m)											
	19.5	22.5	25.5	28.5	31.5	34.5	37.5	40.5	43.5	46.5	49.5	52.5
Main boom butt 6m	1	1	1	1	1	1	1	1	1	1	1	1
3mA insert section	0	1	0	1	0	1	0	1	0	1	0	1
6mA insert section	0	0	1	1	0	0	1	1	0	0	1	1
12mA insert section	0	0	0	0	1	1	1	1	2	2	2	2
6m transition section	1	1	1	1	1	1	1	1	1	1	1	1
3mB insert section	0	0	0	0	0	0	0	0	0	0	0	0
6mB insert section	0	0	0	0	0	0	0	0	0	0	0	0
12mB insert section	0	0	0	0	0	0	0	0	0	0	0	0
4.5m transition section	1	1	1	1	1	1	1	1	1	1	1	1
3mC insert section	0	0	0	0	0	0	0	0	0	0	0	0
6mC insert section	0	0	0	0	0	0	0	0	0	0	0	0
12mC insert section	0	0	0	0	0	0	0	0	0	0	0	0
Jib head 3m	1	1	1	1	1	1	1	1	1	1	1	1

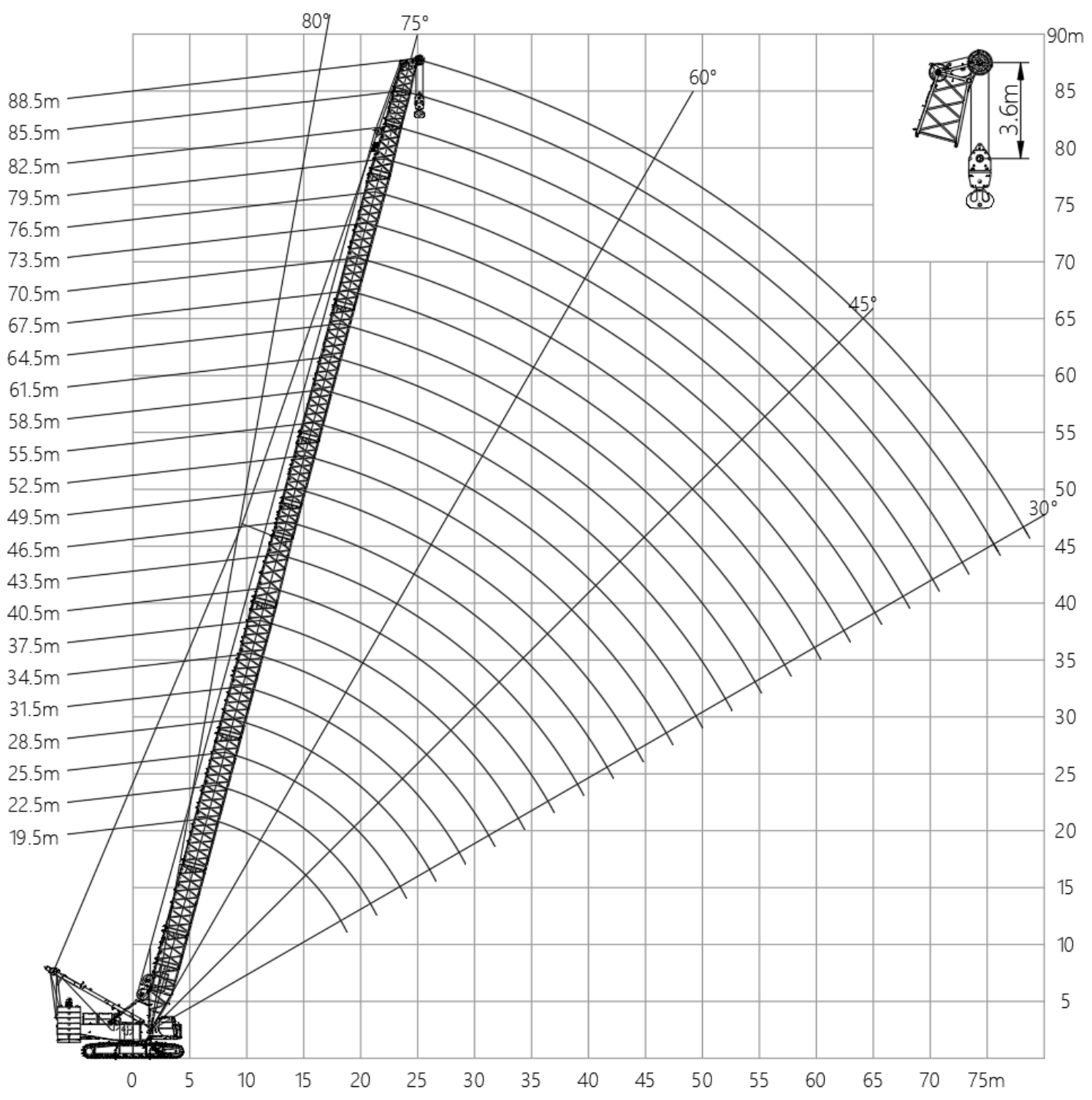
Name	Length(m)											
	55.5	58.5	61.5	64.5	67.5	70.5	*73.5	*76.5	*79.5	*82.5	*85.5	*88.5
Main boom butt 6m	1	1	1	1	1	1	1	1	1	1	1	1
3mA insert section	1	1	1	1	1	1	1	1	1	1	1	1
6mA insert section	1	1	1	1	1	1	1	1	1	1	1	1
12mA insert section	2	2	2	2	2	2	2	2	2	2	2	2
6m transition section	1	1	1	1	1	1	1	1	1	1	1	1
3mB insert section	1	0	1	0	1	0	1	0	1	0	1	1
6mB insert section	0	1	1	0	0	1	1	0	0	1	1	1
12mB insert section	0	0	0	1	1	1	1	2	2	2	2	2
4.5m transition section	1	1	1	1	1	1	1	1	1	1	1	1
3mC insert section	0	0	0	0	0	0	0	0	0	0	0	1
6mC insert section	0	0	0	0	0	0	0	0	0	0	0	0
12mC insert section	0	0	0	0	0	0	0	0	0	0	0	0
Jib head 3m	1	1	1	1	1	1	1	1	1	1	1	1

Note:

1. "*" main boom combination requires a center hitch.

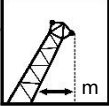

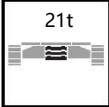
2. Tower jib rear pendants need to be removed for main boom sections and guide pulley must be installed on jib transition section.

Operation modes and lifting performance — LB



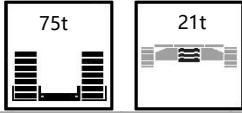
Operation modes and lifting performance—— LB

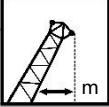
Main boom 19.5~ 52.5m

												
	19.5	22.5	25.5	28.5	31.5	34.5	37.5	40.5	43.5	46.5	49.5	52.5
10			76.9	76.9								
11	66.5	72.4	76.9	76.9	76.9							
12	62.6	68.4	73.7	76.9	76.9	80	80					
13	59.1	64.8	70	74.6	76.9	80	80	80				
14	56.1	61.6	66.8	71.3	71.7	71.7	71.6	71.5	71.3			
15	53.5	58.8	63.8	65.3	65.2	65.2	65.1	65	64.8	64.7	64.4	
16	51.1	56.3	59.9	59.8	59.8	59.7	59.6	59.5	59.3	59.2	59	58.9
17	49.1	54	55.2	55.2	55.1	55	54.9	54.8	54.6	54.5	54.3	54.2
18	47.3	51	51.1	51.1	51	51	50.9	50.7	50.6	50.4	50.3	50.1
19		47.5	47.6	47.6	47.5	47.4	47.3	47.2	47	46.9	46.7	46.5
20		44.3	44.5	44.4	44.4	44.3	44.2	44.1	43.9	43.7	43.6	43.4
22			39.2	39.2	39.1	39.1	38.9	38.8	38.6	38.5	38.3	38.1
24				34.9	34.9	34.8	34.7	34.5	34.4	34.2	34	33.9
26				31.4	31.3	31.3	31.2	31	30.8	30.7	30.5	30.3
28					28.4	28.3	28.2	28.1	27.9	27.8	27.6	27.4
30						25.8	25.7	25.6	25.4	25.2	25.1	24.9
32							23.5	23.4	23.2	23.1	22.9	22.7
34							21.6	21.5	21.3	21.2	21	20.8
36								19.8	19.6	19.5	19.3	19.1
38									18.1	18	17.9	17.7
40										16.7	16.5	16.3
42										15.5	15.3	15.2
44											14.3	14.1
46												13.1

Operation modes and lifting performance—— LB

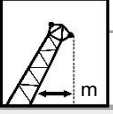
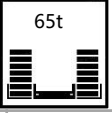
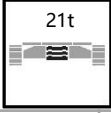
Main boom 55.5~ 88.5m



	55.5	58.5	61.5	64.5	67.5	70.5	*73.5	*76.5	*79.5	*82.5	*85.5	*88.5
17	54											
18	49.9	49.9										
19	46.3	46.3	46.1	46								
20	43.2	43.1	42.9	42.9	42.7							
22	37.9	37.9	37.6	37.7	37.4	37.3	37.1	36.8				
24	33.6	33.6	33.4	33.4	33.1	33	32.8	32.8	32.6	32.3		
26	30.1	30	29.8	29.8	29.6	29.5	29.3	29.2	29	28.9	28.7	28.4
28	27.2	27.1	26.9	26.9	26.6	26.5	26.3	26.3	26	25.9	25.7	25.6
30	24.6	24.6	24.3	24.3	24.1	24	23.8	23.7	23.5	23.4	23.1	23
32	22.5	22.4	22.2	22.2	21.9	21.8	21.6	21.6	21.3	21.2	21	20.8
34	20.6	20.5	20.3	20.3	20	19.9	19.7	19.7	19.4	19.3	19	18.9
36	18.9	18.8	18.6	18.6	18.4	18.3	18	18	17.7	17.6	17.4	17.3
38	17.4	17.4	17.1	17.1	16.9	16.8	16.5	16.5	16.3	16.1	15.9	15.8
40	16.1	16	15.8	15.8	15.6	15.5	15.2	15.2	14.9	14.8	14.6	14.4
42	14.9	14.9	14.6	14.6	14.4	14.3	14	14	13.8	13.6	13.4	13.3
44	13.9	13.8	13.5	13.6	13.3	13.2	13	12.9	12.7	12.6	12.3	12.2
46	12.9	12.8	12.6	12.6	12.4	12.2	12	12	11.7	11.6	11.3	11.1
48	12	11.9	11.7	11.7	11.5	11.4	11.1	11.1	10.8	10.7	10.5	10.1
50		11.1	10.9	10.9	10.7	10.6	10.3	10.3	10	9.9	9.6	9.1
52		10.3	10.1	10.2	9.9	9.8	9.6	9.5	9.3	9.1	8.9	8.2
54			9.4	9.5	9.2	9.1	8.9	8.8	8.6	8.5	8.2	7.4
56				8.8	8.6	8.5	8.2	8.2	8	7.8	7.6	6.6
58					8	7.9	7.6	7.6	7.4	7.2	7	5.8
60					7.4	7.3	7.1	7.1	6.8	6.7	6.4	5.2
64							6.1	6.1	5.8	5.7	5.4	3.9
68								5.2	4.9	4.8	4.6	2.8
72										4	3.8	1.8

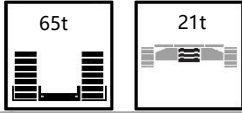
Operation modes and lifting performance—— LB

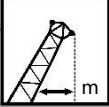
Main boom 19.5~ 52.5m

												
	19.5	22.5	25.5	28.5	31.5	34.5	37.5	40.5	43.5	46.5	49.5	52.5
8	72.8	76.9										
9	72.8	76.9	76.9									
10	71.1	76.9	76.9	76.9								
11	66.5	72.4	76.9	76.9	76.9							
12	62.6	68.4	73.7	76.9	76.9	80	80					
13	59.1	64.8	70	72.7	72.6	72.6	72.5	72.4				
14	56.1	61.6	65.5	65.5	65.4	65.4	65.3	65.2	65.1			
15	53.5	58.8	59.6	59.6	59.5	59.5	59.3	59.2	59.1	59	58.6	
16	51.1	54.5	54.6	54.6	54.5	54.4	54.3	54.2	54	53.9	53.8	53.6
17	49.1	50.2	50.3	50.3	50.2	50.1	50	49.9	49.7	49.6	49.4	49.3
18	46.3	46.5	46.6	46.5	46.5	46.4	46.3	46.2	46	45.9	45.7	45.5
19		43.2	43.3	43.3	43.2	43.2	43	42.9	42.7	42.6	42.4	42.3
20		40.3	40.4	40.4	40.3	40.3	40.2	40	39.9	39.7	39.6	39.4
22			35.6	35.6	35.5	35.5	35.3	35.2	35	34.9	34.7	34.5
24				31.7	31.6	31.5	31.4	31.3	31.1	31	30.8	30.6
26				28.4	28.4	28.3	28.2	28.1	27.9	27.7	27.6	27.4
28					25.6	25.6	25.5	25.3	25.2	25	24.9	24.7
30						23.3	23.2	23	22.9	22.7	22.5	22.3
32							21.2	21	20.9	20.7	20.5	20.3
34							19.4	19.3	19.1	19	18.8	18.6
36								17.7	17.6	17.4	17.3	17.1
38									16.2	16.1	15.9	15.7
40										14.9	14.7	14.5
42										13.8	13.6	13.4
44											12.6	12.4
46												11.5

Operation modes and lifting performance—— LB

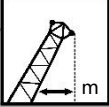

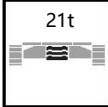
Main boom 55.5~ 85.5m



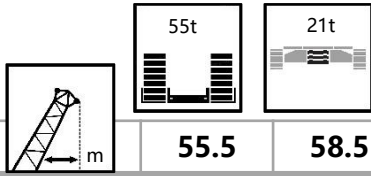
	55.5	58.5	61.5	64.5	67.5	70.5	*73.5	*76.5	*79.5	*82.5	*85.5
17	49.1										
18	45.3	45.3									
19	42.1	42	41.8	41.7							
20	39.2	39.1	38.9	38.9	38.6						
22	34.3	34.3	34	34.1	33.8	33.7	33.5	33.2			
24	30.4	30.3	30.1	30.1	29.9	29.8	29.6	29.5	29.3	28.9	
26	27.1	27.1	26.9	26.9	26.6	26.5	26.3	26.3	26.1	25.9	25.7
28	24.4	24.4	24.1	24.1	23.9	23.8	23.6	23.5	23.3	23.2	23
30	22.1	22	21.8	21.8	21.6	21.5	21.2	21.2	21	20.9	20.6
32	20.1	20	19.8	19.8	19.6	19.5	19.2	19.2	19	18.8	18.6
34	18.4	18.3	18.1	18.1	17.8	17.7	17.5	17.5	17.2	17.1	16.9
36	16.8	16.8	16.5	16.6	16.3	16.2	16	15.9	15.7	15.6	15.3
38	15.5	15.4	15.2	15.2	15	14.8	14.6	14.6	14.3	14.2	13.9
40	14.3	14.2	14	14	13.7	13.6	13.4	13.4	13.1	13	12.7
42	13.2	13.1	12.9	12.9	12.7	12.5	12.3	12.3	12	11.9	11.6
44	12.2	12.1	11.9	11.9	11.7	11.6	11.3	11.3	11	10.9	10.7
46	11.3	11.2	11	11	10.8	10.7	10.4	10.4	10.1	10	9.8
48	10.5	10.4	10.2	10.2	10	9.9	9.6	9.6	9.3	9.2	8.9
50		9.7	9.4	9.5	9.2	9.1	8.9	8.8	8.6	8.4	8.2
52		9	8.7	8.8	8.5	8.4	8.2	8.1	7.9	7.8	7.5
54			8.1	8.1	7.9	7.8	7.5	7.5	7.3	7.1	6.9
56				7.5	7.3	7.2	7	6.9	6.7	6.5	6.3
58					6.8	6.7	6.4	6.4	6.1	6	5.7
60					6.2	6.1	5.9	5.9	5.6	5.5	5.2
64							5	5	4.7	4.6	4.3
68								4.1	3.9	3.8	3.5
72										3	2.8

Operation modes and lifting performance—— LB

Main boom 19.5~ 52.5m

													
	19.5	22.5	25.5	28.5	31.5	34.5	37.5	40.5	43.5	46.5	49.5	52.5	
8	72.8	76.9											
9	72.8	76.9	76.9										
10	71.1	76.9	76.9	76.9									
11	66.5	72.4	76.9	76.9	76.9								
12	62.6	68.4	73.7	73.7	73.7	73.7	73.1						
13	59.1	64.8	65.8	65.8	65.7	65.7	65.6	65.5					
14	56.1	59.2	59.3	59.3	59.2	59.1	59	58.9	58.8				
15	53.5	53.8	53.9	53.8	53.8	53.7	53.6	53.5	53.3	53.2	52.8		
16	49.1	49.2	49.3	49.3	49.2	49.1	49	48.9	48.8	48.6	48.5	48.2	
17	45.1	45.3	45.4	45.4	45.3	45.2	45.1	45	44.8	44.7	44.5	44.4	
18	41.7	41.9	42	42	41.9	41.8	41.7	41.6	41.4	41.3	41.1	41	
19		38.9	39	39	38.9	38.9	38.8	38.6	38.5	38.3	38.2	38	
20		36.3	36.4	36.4	36.3	36.3	36.1	36	35.8	35.7	35.5	35.4	
22			32	32	31.9	31.9	31.8	31.6	31.4	31.3	31.1	30.9	
24				28.4	28.4	28.3	28.2	28	27.9	27.7	27.6	27.4	
26				25.4	25.4	25.4	25.2	25.1	24.9	24.8	24.6	24.4	
28					22.9	22.9	22.8	22.6	22.4	22.3	22.1	21.9	
30						20.7	20.7	20.5	20.3	20.2	20	19.8	
32							18.8	18.7	18.5	18.4	18.2	18	
34							17.2	17.1	16.9	16.8	16.6	16.4	
36								15.7	15.5	15.4	15.2	15	
38									14.3	14.1	14	13.8	
40										13	12.9	12.7	
42										12	11.9	11.7	
44											10.9	10.8	
46												9.9	

Operation modes and lifting performance—— LB



Main boom 55.5~ 82.5m

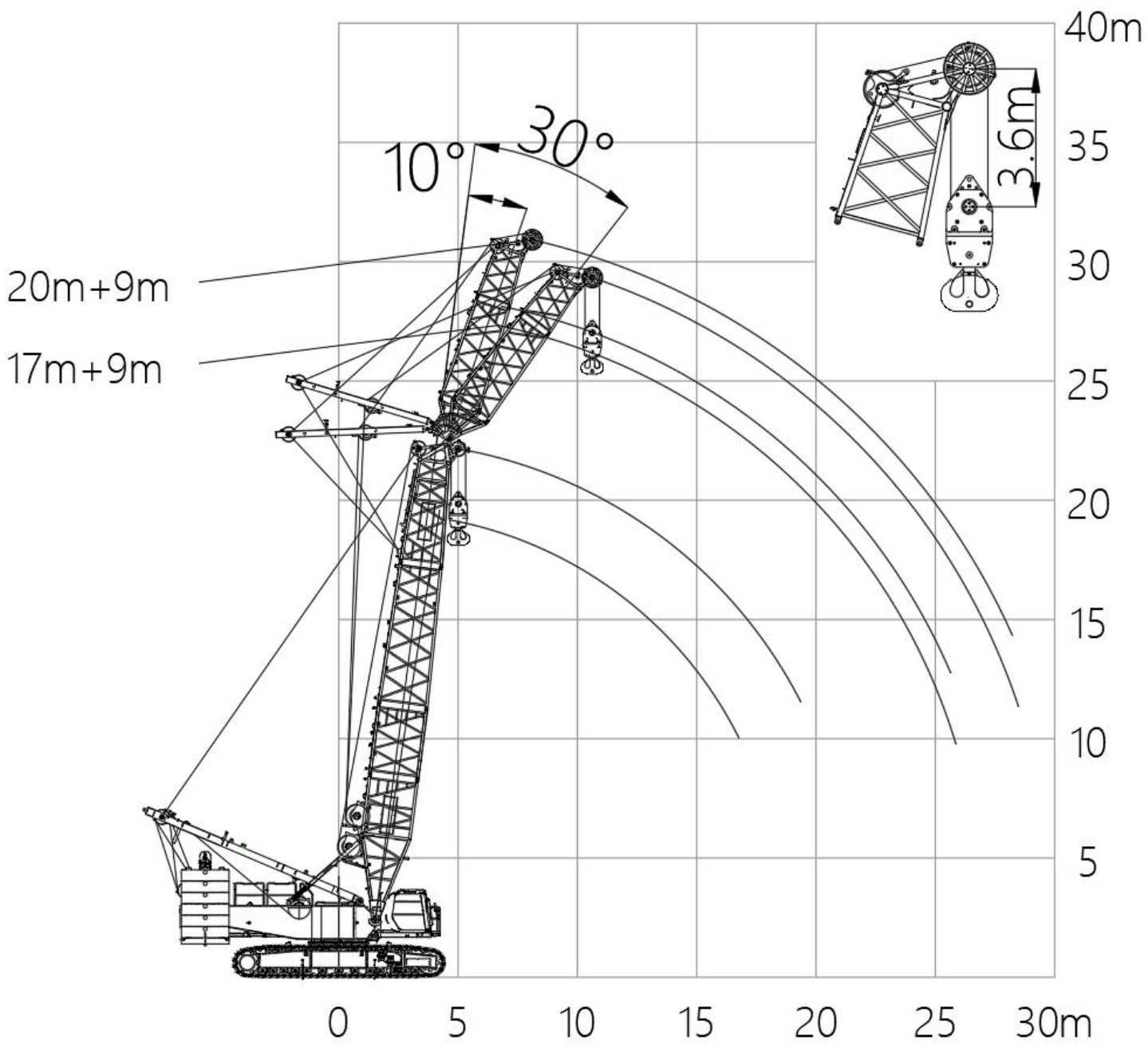
	55.5	58.5	61.5	64.5	67.5	70.5	*73.5	*76.5	*79.5	*82.5
17	44.2									
18	40.8	40.7								
19	37.8	37.7	37.5	37.3						
20	35.1	35.1	34.9	34.9	34.5					
22	30.7	30.7	30.4	30.5	30.2	30.1	29.8	29.5		
24	27.1	27.1	26.9	26.9	26.6	26.5	26.3	26.3	26	25.6
26	24.2	24.1	23.9	23.9	23.7	23.6	23.3	23.3	23.1	23
28	21.7	21.6	21.4	21.4	21.2	21.1	20.9	20.8	20.6	20.5
30	19.6	19.5	19.3	19.3	19.1	19	18.7	18.7	18.5	18.3
32	17.8	17.7	17.5	17.5	17.2	17.1	16.9	16.9	16.6	16.5
34	16.2	16.1	15.9	15.9	15.7	15.5	15.3	15.3	15	14.9
36	14.8	14.7	14.5	14.5	14.3	14.1	13.9	13.9	13.6	13.5
38	13.5	13.5	13.2	13.3	13	12.9	12.7	12.6	12.4	12.2
40	12.4	12.4	12.1	12.2	11.9	11.8	11.6	11.5	11.3	11.1
42	11.4	11.4	11.1	11.2	10.9	10.8	10.6	10.5	10.3	10.1
44	10.5	10.5	10.2	10.3	10	9.9	9.7	9.6	9.4	9.2
46	9.7	9.7	9.4	9.4	9.2	9.1	8.8	8.8	8.6	8.4
48	9	8.9	8.7	8.7	8.5	8.3	8.1	8.1	7.8	7.7
50		8.2	8	8	7.8	7.7	7.4	7.4	7.1	7
52		7.6	7.4	7.4	7.1	7	6.8	6.8	6.5	6.4
54			6.8	6.8	6.6	6.5	6.2	6.2	5.9	5.8
56				6.3	6	5.9	5.7	5.6	5.4	5.3
58					5.5	5.4	5.2	5.1	4.9	4.8
60					5	4.9	4.7	4.7	4.4	4.3
64							3.9	3.8	3.6	3.5
68								3.1	2.9	2.7
72										2.1

Note:

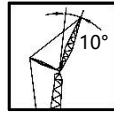
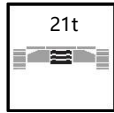
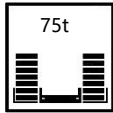
- ① The weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
- ② The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load and without travel.
- ③ The rated lifting capacity in the table is the calculation value based on main boom sections without tower jib rear pendants.
- ④ When light duty main boom length exceeds 70.5m, a center hitch is required; when light duty main boom length exceeds 76.5m, a wedge is required to assist boom raising.
- ⑤ Do not install single pulley under light duty main boom operation modes.

Operation modes and lifting performance—— HBF


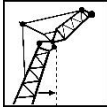

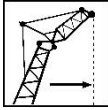


Main boom/jib combination				
Name	Main boom length (m)		Name	TBM jib length (m)
	17	20		9
Main boom butt 6m	1	1	1.5m tower jib butt	1
3mA insert section	0	1	3mB insert section	0
6mA insert section	0	0	6mB insert section	0
12mA insert section	0	0	12mB insert section	0
6m main boom transition section	1	1	4.5m tower jib transition section	1
3mB insert section	0	0	3mC insert section	0
6mB insert section	0	0	6mC insert section	0
12mB insert section	0	0	12mC insert section	0
Main boom top 5m	1	1	Tower jib top 3m	1



Operation modes and lifting performance—— HBF



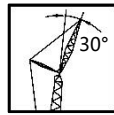
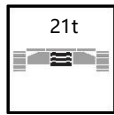
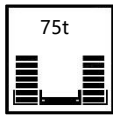
Main boom 17m, jib 9~39m

					
81.5°	5.0	200.0	8.2	67.8	113.1
80°	5.4	200.0	8.9	64.9	109.5
78°	6.0	196.0	9.8	61.4	104.9
76°	6.5	182.9	10.6	57.9	101.0
74°	7.1	164.8	11.5	54.2	97.3
72°	7.7	149.9	12.3	51.0	94.1
70°	8.2	137.4	13.2	48.2	91.0
68°	8.8	126.9	14.0	45.7	88.3
66°	9.3	117.8	14.8	43.5	85.8
64°	9.8	110.0	15.6	41.5	80.4
62°	10.3	103.2	16.3	39.8	74.7
60°	10.8	96.1	17.1	38.2	69.8
58°	11.3	89.5	17.8	36.8	65.5
56°	11.8	83.7	18.5	35.6	61.7
54°	12.3	78.6	19.2	34.4	58.4
52°	12.7	74.1	19.9	33.4	55.5
50°	13.2	70.2	20.5	32.4	52.8
48°	13.6	66.7	21.1	31.6	50.5
46°	14.0	63.6	21.7	30.8	48.4
44°	14.4	60.8	22.3	30.1	46.4
42°	14.8	58.3	22.9	29.5	44.7
40°	15.2	56.0	23.4	28.9	43.2
38°	15.5	54.0	23.9	28.4	41.8
36°	15.8	52.1	24.3	27.9	40.5
34°	16.1	50.4	24.8	27.5	39.3
32°	16.4	48.4	25.2	27.1	38.3
30°	16.7	45.4	25.6	26.8	36.3

Note:

- ① The 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 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 main boom sections without tower jib rear pendants.
- ④ When the actual lifting load of main and aux. hook blocks is greater than 60% of rated value, it is forbidden to turn over to the direction of aux. hook.
- ⑤ In order to prevent loose rear pendants when no load is on aux. hook, jib top section must be reeved with a hook with a dead weight of no less than 4.0t.

Operation modes and lifting performance—— HBF



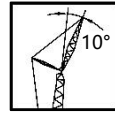
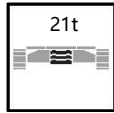
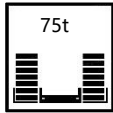
Main boom 17m, jib 9~39m

81.5°	5.0	200.0	10.7	36.1	72.3
80°	5.4	200.0	11.3	35.0	70.1
78°	6.0	196.0	12.2	33.6	67.4
76°	6.5	181.6	13.0	32.4	65.0
74°	7.1	163.6	13.7	31.3	62.8
72°	7.7	148.8	14.5	30.3	60.8
70°	8.2	136.5	15.3	29.4	59.0
68°	8.8	126.0	16.0	28.5	57.4
66°	9.3	117.0	16.7	27.8	55.9
64°	9.8	109.2	17.4	27.1	54.6
62°	10.3	102.5	18.1	26.5	53.4
60°	10.8	95.3	18.8	25.9	52.3
58°	11.3	88.6	19.4	25.4	51.3
56°	11.8	82.9	20.1	25.0	50.4
54°	12.3	77.9	20.6	24.6	49.6
52°	12.7	73.5	21.2	24.2	48.9
50°	13.2	69.6	21.8	23.9	48.3
48°	13.6	66.1	22.3	23.6	47.7
46°	14.0	63.1	22.8	23.4	46.4
44°	14.4	60.3	23.3	23.2	44.7
42°	14.8	57.8	23.7	23.0	43.2
40°	15.2	55.6	24.1	22.9	41.9


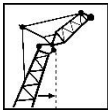

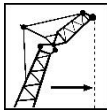

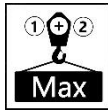
Note:

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Operation modes and lifting performance—— HBF



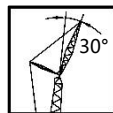
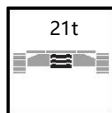
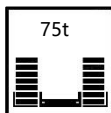
Main boom 20m, jib 9~39m

					
80°	5.9	187.3	9.4	37.1	63.3
78°	6.6	181.4	10.4	35.2	60.9
76°	7.3	160.6	11.4	33.4	58.6
74°	7.9	143.9	12.3	31.9	56.6
72°	8.6	130.3	13.3	30.5	54.8
70°	9.2	119.0	14.2	29.2	53.1
68°	9.9	109.5	15.1	28.1	51.5
66°	10.5	101.5	16.0	27.1	50.1
64°	11.1	92.8	16.9	26.2	48.8
62°	11.7	85.2	17.7	25.3	47.6
60°	12.3	78.8	18.6	24.6	46.5
58°	12.9	73.2	19.4	23.9	45.5
56°	13.5	68.4	20.2	23.3	44.7
54°	14.0	64.2	21.0	22.7	43.8
52°	14.6	60.5	21.7	22.2	43.1
50°	15.1	57.2	22.4	21.7	42.4
48°	15.6	54.3	23.1	21.3	41.9
46°	16.1	51.7	23.8	20.9	41.2
44°	16.6	49.3	24.5	20.6	39.5
42°	17.0	47.2	25.1	20.3	38.0
40°	17.5	45.3	25.7	20.0	36.6
38°	17.9	43.6	26.2	19.7	35.4
36°	18.3	42.0	26.8	19.5	34.2
34°	18.6	40.6	27.3	19.4	33.2
32°	19.0	39.4	27.7	19.2	32.3
30°	19.3	38.2	28.2	19.1	31.4

Note:

- ① The 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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Operation modes and lifting performance—— HBF



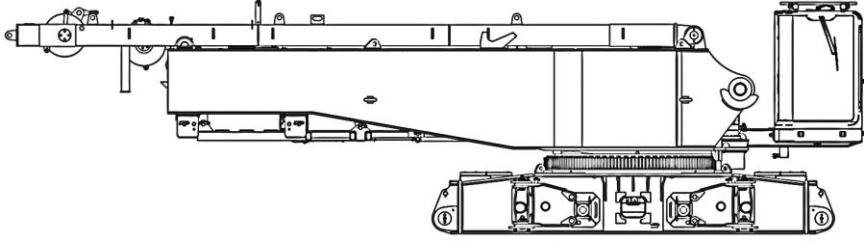
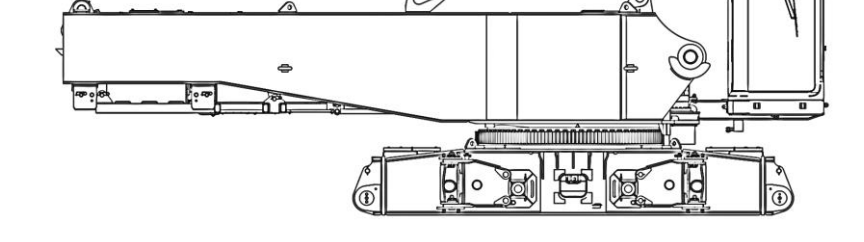
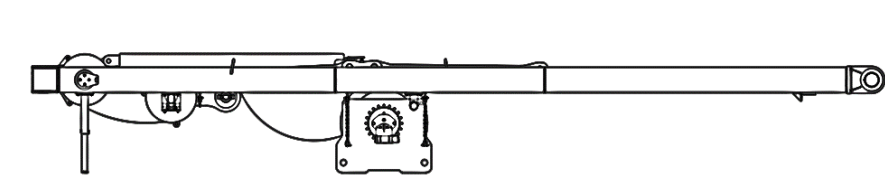
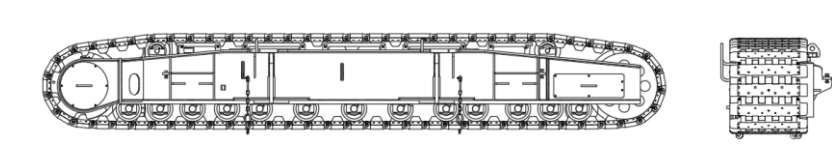
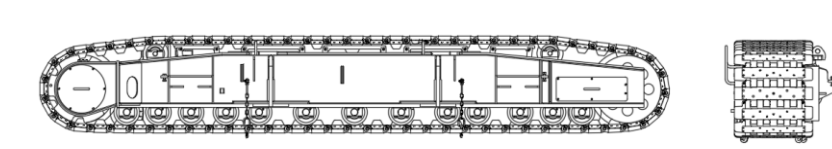
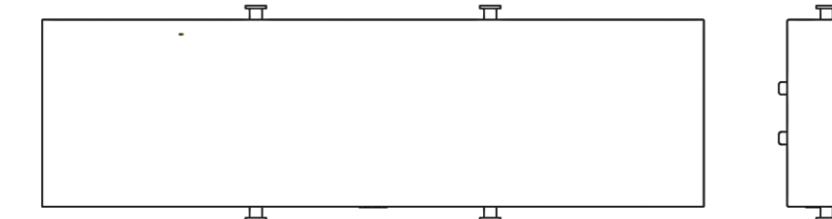
Main boom 20m, jib 9~39m

80°	5.9	179.0	11.9	22.9	41.5
78°	6.6	173.1	12.8	22.2	40.7
76°	7.3	159.4	13.7	21.7	39.9
74°	7.9	142.9	14.6	21.1	39.2
72°	8.6	129.4	15.4	20.7	38.5
70°	9.2	118.2	16.3	20.2	37.9
68°	9.9	108.7	17.1	19.8	37.4
66°	10.5	100.7	18.0	19.5	36.9
64°	11.1	91.9	18.8	19.1	36.4
62°	11.7	84.4	19.5	18.8	36.0
60°	12.3	78.0	20.3	18.6	35.7
58°	12.9	72.5	21.0	18.3	35.4
56°	13.5	67.8	21.7	18.1	35.2
54°	14.0	63.6	22.4	17.9	35.0
52°	14.6	59.9	23.1	17.8	34.8
50°	15.1	56.7	23.7	17.6	34.7
48°	15.6	53.8	24.3	17.5	34.6
46°	16.1	51.2	24.9	17.5	34.6
44°	16.6	48.9	25.4	17.4	34.6
42°	17.0	46.8	26.0	17.3	34.7
40°	17.5	44.9	26.4	17.4	34.8

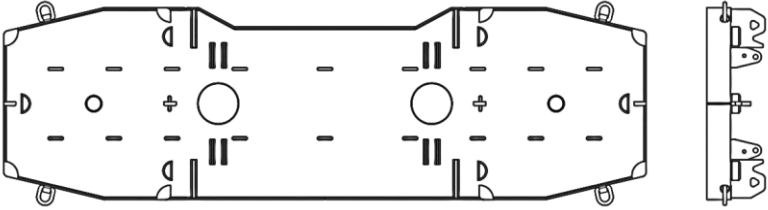
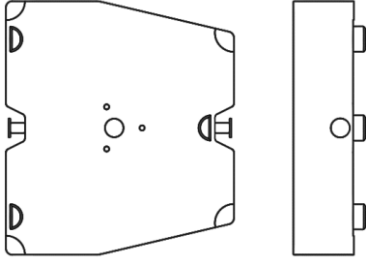
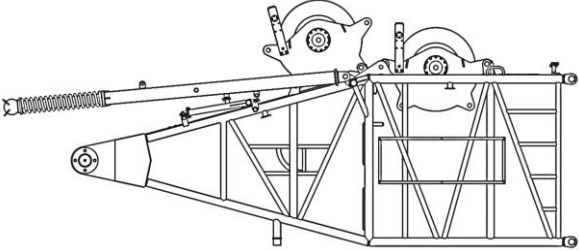
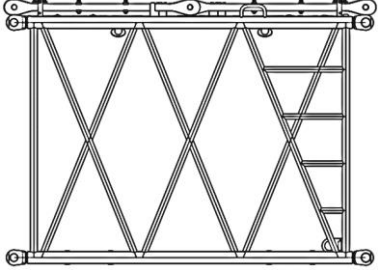
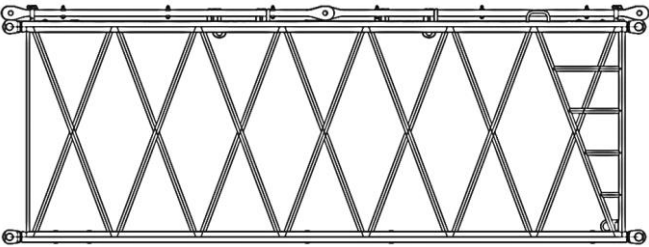
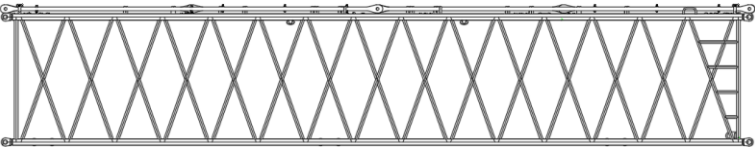
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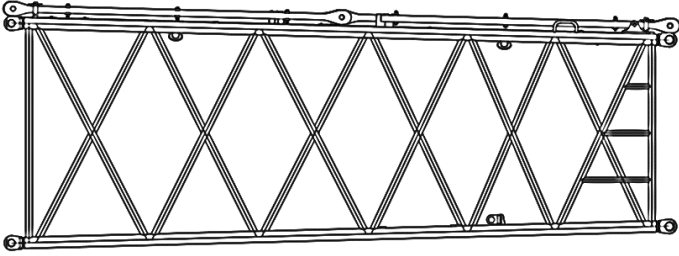
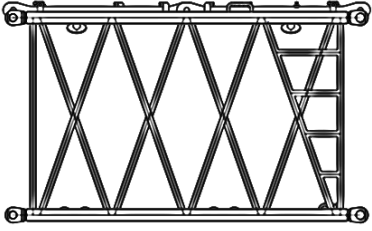
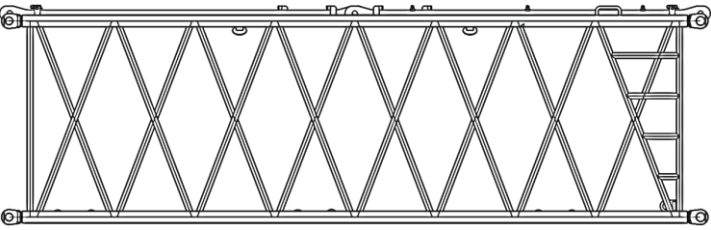
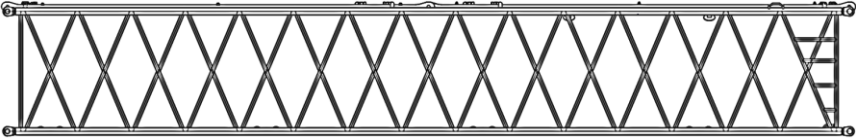
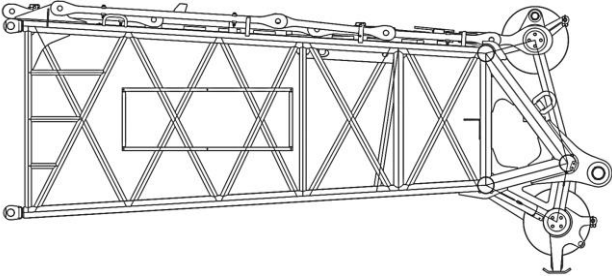
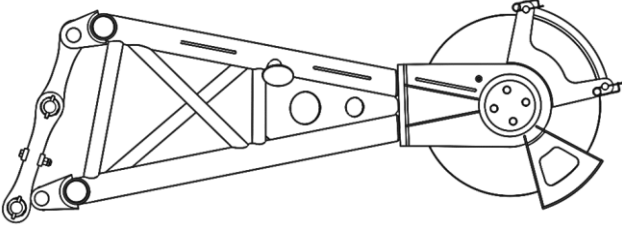
Dimensions of transported components

	<table border="1"> <tr> <td>Basic crane transport plan A</td> <td>× 1</td> </tr> <tr> <td>L</td> <td>12.30m</td> </tr> <tr> <td>W</td> <td>3.00m</td> </tr> <tr> <td>H</td> <td>3.3m</td> </tr> <tr> <td>Mass</td> <td>38.9 t</td> </tr> </table>	Basic crane transport plan A	× 1	L	12.30m	W	3.00m	H	3.3m	Mass	38.9 t
Basic crane transport plan A	× 1										
L	12.30m										
W	3.00m										
H	3.3m										
Mass	38.9 t										
	<table border="1"> <tr> <td>Basic crane transport plan B (optional)</td> <td>× 1</td> </tr> <tr> <td>L</td> <td>10.08m</td> </tr> <tr> <td>W</td> <td>3.00m</td> </tr> <tr> <td>H</td> <td>3.30m</td> </tr> <tr> <td>Mass</td> <td>33.7 t</td> </tr> </table>	Basic crane transport plan B (optional)	× 1	L	10.08m	W	3.00m	H	3.30m	Mass	33.7 t
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	<table border="1"> <tr> <td>Car-body counterweight slab</td> <td>× 2</td> </tr> <tr> <td>L</td> <td>4.80m</td> </tr> <tr> <td>W</td> <td>1.55m</td> </tr> <tr> <td>H</td> <td>0.45m</td> </tr> <tr> <td>Mass</td> <td>10.5(t)</td> </tr> </table>	Car-body counterweight slab	× 2	L	4.80m	W	1.55m	H	0.45m	Mass	10.5(t)
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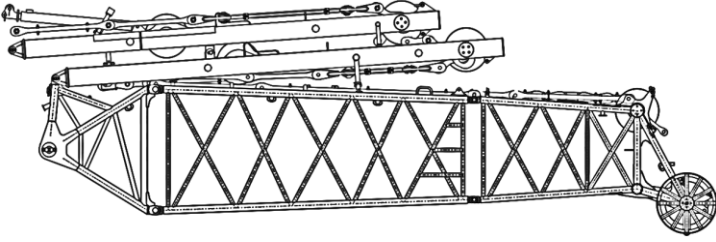
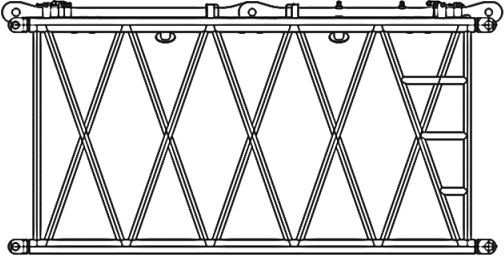
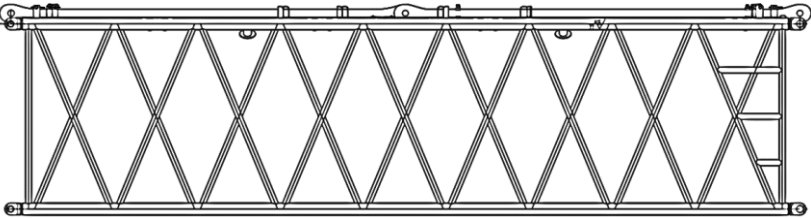
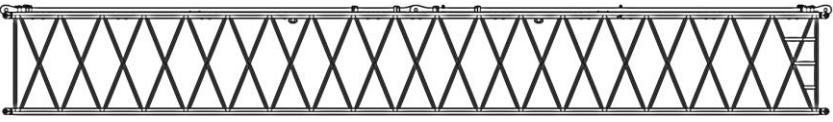
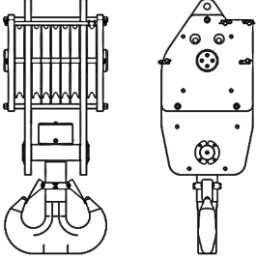
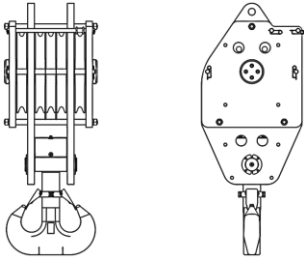
Dimensions of transported components

	<table border="1"> <tr> <td>Turntable counterweight tray</td> <td>× 1</td> </tr> <tr> <td>L</td> <td>6.74m</td> </tr> <tr> <td>W</td> <td>2.25m</td> </tr> <tr> <td>H</td> <td>0.61m</td> </tr> <tr> <td>Mass</td> <td>15.0 t</td> </tr> </table>	Turntable counterweight tray	× 1	L	6.74m	W	2.25m	H	0.61m	Mass	15.0 t
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Mass	5.0 t										
	<table border="1"> <tr> <td>Main boom butt</td> <td>× 1</td> </tr> <tr> <td>L</td> <td>7.08m</td> </tr> <tr> <td>W</td> <td>2.96m</td> </tr> <tr> <td>H</td> <td>3.03m</td> </tr> <tr> <td>Mass</td> <td>9.60t</td> </tr> </table>	Main boom butt	× 1	L	7.08m	W	2.96m	H	3.03m	Mass	9.60t
Main boom butt	× 1										
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	<table border="1"> <tr> <td>3m main boom section A</td> <td>× 2</td> </tr> <tr> <td>L</td> <td>12.18m</td> </tr> <tr> <td>W</td> <td>2.5m</td> </tr> <tr> <td>H</td> <td>2.26m</td> </tr> <tr> <td>Mass</td> <td>2.5 t</td> </tr> </table>	3m main boom section A	× 2	L	12.18m	W	2.5m	H	2.26m	Mass	2.5 t
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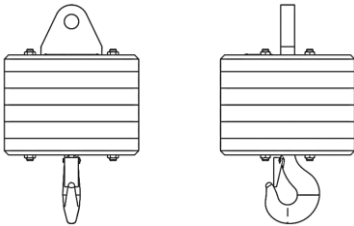
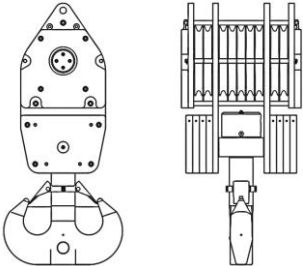
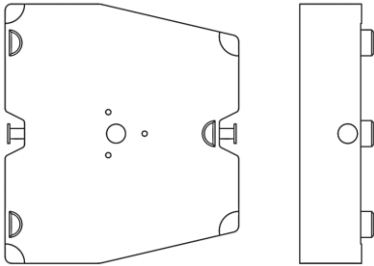
Dimensions of transported components

	<table border="1"> <tr> <td>6m main boom transition section</td> <td>×1</td> </tr> <tr> <td>L</td> <td>6.17m</td> </tr> <tr> <td>W</td> <td>2.5m</td> </tr> <tr> <td>H</td> <td>2.26m</td> </tr> <tr> <td>Mass</td> <td>1.7 t</td> </tr> </table>	6m main boom transition section	×1	L	6.17m	W	2.5m	H	2.26m	Mass	1.7 t
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12m main boom section B	×2										
L	12.13m										
W	2.12m										
H	1.89m										
Mass	2.3 t										
	<table border="1"> <tr> <td>Main boom top section</td> <td>× 1</td> </tr> <tr> <td>L</td> <td>5.58m</td> </tr> <tr> <td>W</td> <td>2.2m</td> </tr> <tr> <td>H</td> <td>2.47m</td> </tr> <tr> <td>Mass</td> <td>3.7 t</td> </tr> </table>	Main boom top section	× 1	L	5.58m	W	2.2m	H	2.47m	Mass	3.7 t
Main boom top section	× 1										
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W	2.2m										
H	2.47m										
Mass	3.7 t										
	<table border="1"> <tr> <td>Boom end single pulley</td> <td>× 1</td> </tr> <tr> <td>L</td> <td>2.065m</td> </tr> <tr> <td>W</td> <td>1.16m</td> </tr> <tr> <td>H</td> <td>0.7m</td> </tr> <tr> <td>Mass</td> <td>0.26 t</td> </tr> </table>	Boom end single pulley	× 1	L	2.065m	W	1.16m	H	0.7m	Mass	0.26 t
Boom end single pulley	× 1										
L	2.065m										
W	1.16m										
H	0.7m										
Mass	0.26 t										

Dimensions of transported components

	Tower jib assembly (5-piece set)	× 1
	L	10.04m
	W	2.18m
	H	3.22m
	Mass	6.20 t
	Tower jib insert 3mC	× 1
	L	3.17m
	W	1.79m
	H	1.59m
	Mass	0.5 t
	Tower jib insert 6mC	× 1
	L	6.17m
	W	1.79m
	H	1.59m
	Mass	0.8 t
	Tower jib insert 12mC	× 2
	L	12.17m
	W	1.79m
	H	1.59m
	Mass	1.50 t
	160t hook block	× 1
	L	0.866m
	W	0.76m
	H	2.35m
	Mass	2.20 t
	100t hook block (optional)	× 1
	L	0.704m
	W	0.76m
	H	1.895m
	Mass	1.67 t



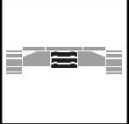


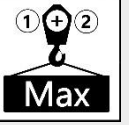
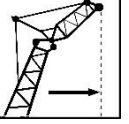
Dimensions of transported components

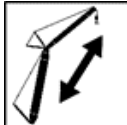
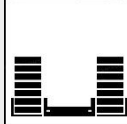
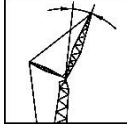

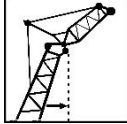
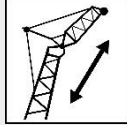
	13.5t hook block	× 1
	L	0.485m
	W	0.485m
	H	0.787m
	Mass	0.50 t
	260t hook block(optional)	× 1
	L	1.07m
	W	1.07m
	H	2.35m
	Mass	3.9 t
	Turntable counterweight slab II	× 2
	L	1.80m
	W	2.00m
	H	0.57m
	Mass	10.0 t

Note:

- ① The weight of the parts which are not listed above include clips, small size pin shafts, bolts, small pendants, sling connectors and etc., total weight is not more than 3t.
- ② Slight difference is ineluctable during product manufacture, the dimension and weight of some parts may vary as continuous improvement in products.
- ③ Pendants are easy to be confused, so before transportation, customers should make marks on corresponding pendants to avoid unnecessary troubles.
- ④ Chose turntable counterweight according to the contract.

Symbols

	Rated lifting capacity
	Working radius
	Undercarriage counterweight
	Main boom angle
	Main hook rated lifting capacity
	Rated lifting capacity for two hook operation
	Aux. hook reference radius

	Max. main boom and tower jib combination length
	Turntable counterweight
	Angle between main boom and jib
	Aux. hook rated lifting capacity
	Main hook reference radius
	Max. main boom and fixed jib combination length

Points for attention

1. Do not rely on this document to operate the crane! For detailed and correct operating instructions of the crane, please refer to the *"Operation Manual"* and *"Rated Lifting Capacity Manual"*.
2. The lifting capacity listed in the lifting performance table is in tons (t). It is the maximum total lifting capacity that the crane can guarantee on a stable and horizontal surface under the current boom length and radius, including mass of hook, sling, and wire rope. The actual mass of load is the value after the mass of the above items are subtracted.
3. Working radius in the lifting performance table is the horizontal distance from the center of gravity of the lifted load to the slewing axis of the crane when the load is lifted off the ground.
4. This product has multiple combination operation modes, and the product images in the document may not be standard configurations. Each functional component can be customized and purchased according to different needs.
5. This document only displays partial lifting performance of the product. For detailed lifting performance, please refer to the *"Operation Manual"* or *"Rated Lifting Capacity Manual"*.
6. This printed material does not belong to the contract. We reserve the right to make changes to product models, parameters, and configurations without notice due to the need of continuous product improvement. The pictures are for reference only, and the specific product is subject to the actual product.



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Post Code: 221004

Website: www.xcmg.com

Service Hotline
400-001-5678



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