



CRAWLER CRANE

XTC100-AU



100_t



52_m



76.5_m

The design of the whole machine meets the EN13000 standard

V.1_2026

Company profile

XCMG Hoisting Machinery is one of the core business divisions of Xuzhou Construction Machinery Group Co., Ltd. It is a pioneer, leader and developer of China's hoisting machinery, specializing in R&D and manufacturing of mobile cranes. With technological innovation as its core driving force, XCMG Hoisting Machinery is committed to delivering digital, intelligent and integrated solutions to promote healthy and sustainable development of global hoisting industry.

XCMG Hoisting Machinery has a full range of products, including 5–220t truck cranes, 40–4000t all-terrain cranes, 25–150t rough-terrain cranes, 30–160t telescopic boom crawler cranes and 45–4000t lattice boom crawler cranes. Our products have been exported to over 190 countries and regions, ranking first on global mobile crane manufacturer list for two consecutive years and consistently leading in China's crane export market share.





Research centers

Global collaborative R&D system China, Europe, North America, Brazil and Australia

We have set up multiple R&D centers around the world that focus on researching the regulatory requirements and customer needs in different regional markets, and developing special regional models to better meet the usage habits of customers worldwide.



XCMG European R&D Center



XCMG North American R&D Center



XCMG Brazilian R&D Center



XCMG Australian R&D Center

R&D achievements

Break through nearly 100 core technologies, dedicating in the research and development of crawler equipment for three decades

Obtain market access for various regions, and series products have been certified with CE, EAC and OHSA.

Valid patents 1,770 and valid software copyrights 165 (including 909 invention patents, among which 89 are overseas authorized patents)



Intelligent manufacturing



Welding robot



Lacing tube robot



Automatic feeding of track rollers



Fine coating



Intelligent warehousing and transportation



Test of complete machine

Global service

XCMG has globally

30

Subsidiaries

40

Sales Offices

40

Spare Part Centers

300+

Dealers

2000+

Service Outlets

5000+

Service Engineers

1500

Specialized Service Facilities

Regularly enjoy XCMG's global services
Experience the convenience and comfort of having XCMG in hand

XCMG video



Provide customers with services including on-site equipment inspections, product maintenance and operation training, service APP installation guidance, reducing the operational costs for customers.



▲ Service in Southeast Asian



▲ Service in Indonesia



▲ Service in Central Asian



▲ Service in Africa

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01 Quick set-up

Real-time monitoring and display of ground pressure

- Display ground pressure dynamically and give early warnings automatically.



High construction efficiency and low using cost

- Rich boom combinations and high boom length switching efficiency greatly improve the performance and adaptability of medium & long boom.



02 Low operating cost

Convenient transportation and assembly

- Track width can be retracted to 3.4m via hydraulic cylinder, only one trailer is required for the transport of the whole machine.
- Realize self-assembly of track frames and rear counterweight, with high operational efficiency and strong transportation adaptability.



Self-assembly of track frames



Self-assembly of rear counterweight

High-efficiency power, stable and reliable performance

- Cummins QSL9 engine, meeting EU StageVemission standard, with features of compact structure, light weight, high power and low fuel consumption, suitable for harsh operating conditions.
- Strong off-road capacity, allowing crane traveling with load suspended, maximum grade ability 45% (24.2°)



03 High safety and reliability

- ▶ **Fault self-diagnosis system:** position abnormality in real time, identify fault points quickly.
- ▶ **Reliable quality system:** Life-cycle structure safety design technology, first-class manufacturing equipment, high-strength steel welding process.

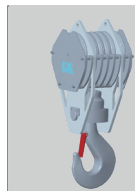


Height limiter

The limit device is safe and reliable, effectively preventing rope over-winding.

Anemometer and height mark lamp

Trigger sound and light alarm automatically in adverse weather conditions.



Hook latch

Prevent accidental falling of hook during lifting process, avoid safety accidents.

Rope over-releasing prevention device

Detect the remaining length of wire rope to avoid loss of control caused by complete release..



Real-time monitoring

The working states of hoisting, slewing and hooks are all under control.



Emergency stop switch

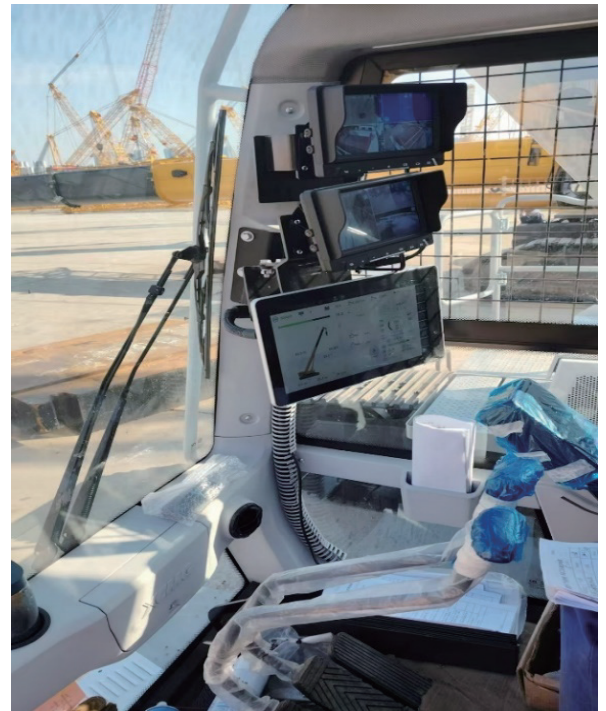
(Mechanical + Program + Limit) switch, enhancing the response speed in emergency.



04 Product highlight

Human-machine collaboration, saving time and labor Large-view cab, excellent operating experience

- ▶ New cab: it adopts a brand-new injection-molded interior with upgraded quality, features a wall-mounted LMI, the space for placing legs is increased by 5%.
- ▶ New human-machine interaction system: it is equipped with a 12.1-inch ultra-large high-definition touchscreen display; The operating interface is similar to that of truck cranes, featuring smoother operation, easier skill acquisition, and a more intelligent interactive experience; The cab is equipped with an air conditioning system with fresh air ventilation function, which can optimize the internal environment of the cab.
- ▶ Our equipment provides reliable working performance on various slopes.

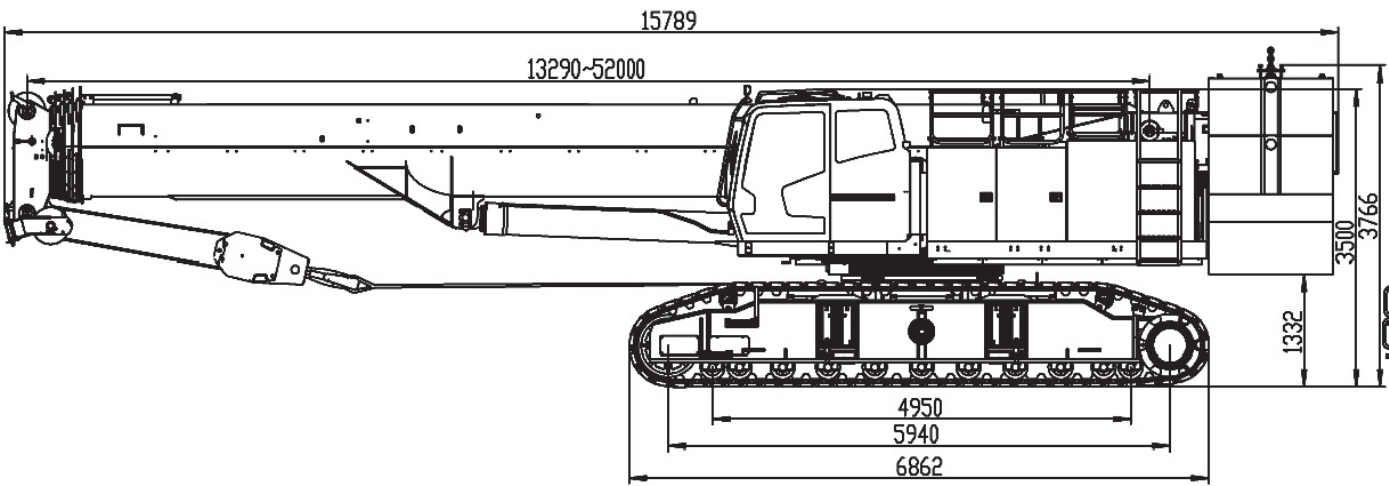


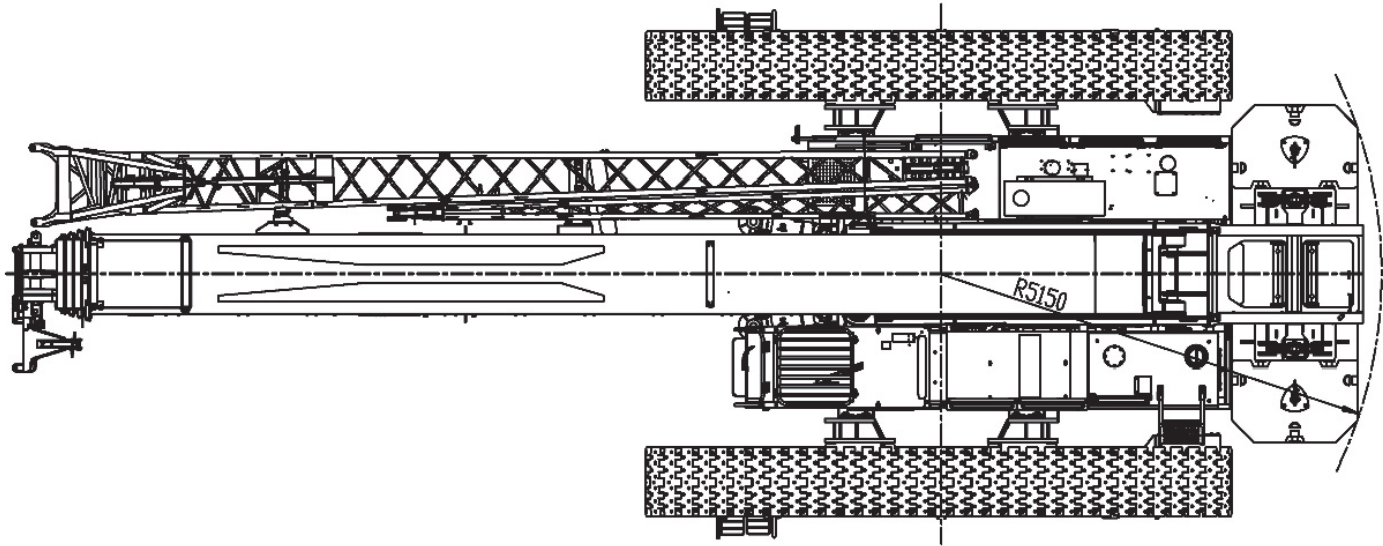
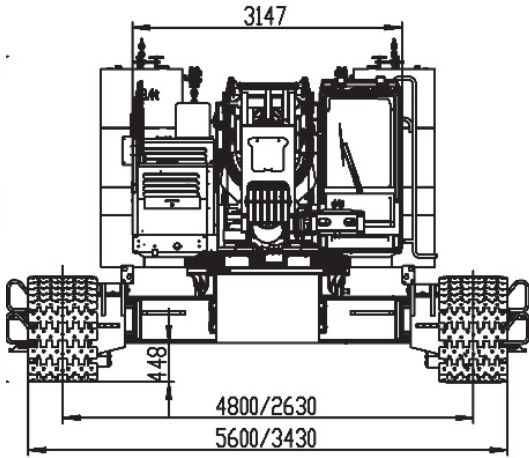
- ▶ The intelligent diagnosis system can monitor the crane state in real time. It allows users to query fault codes through the display in cab, thereby reducing downtime.
- ▶ Air conditioner with independent condenser and multi-duct, the temperature in the cab can be adjusted quickly, creating a comfortable working environment.





Dimension parameters





Technical specifications



Engine

- Model: Cummins QSL9
- Emission standard: off-road EU Stage V
- Rated power: 252kW/1800rpm
- Fuel tank capacity: 500L



Hydraulic system

- Hydraulic system includes hoisting, luffing, slewing, traveling and auxiliary systems.
- Dual-variable pump load-sensing electro-hydraulic control system. Advanced electro-hydraulic proportional control technology is adopted for main movements of the crane, with good fine motion performance.
- Hydraulic systems of boom telescoping, luffing, hoisting and travel share one constant-power and loading-sensitive pump. The oil supply of slewing system, cooling system and pilot system is provided by independent gear pump.
- Hydraulic elements adopted are mature and reliable, with advanced and highly efficient hydraulic driving control techniques. It cooperates with electrical system to ensure the safety and stability of the crane.
- Maximum system pressure: 35MPa
- Hydraulic oil tank capacity: 800L



Electrical system

- Intelligent computer-integrated programmable control system, it uses PLC programmable controller as the core of system. The system is made up of engine control, safety control, pilot control, load moment indicator control and auxiliary functions control, these parts work together to realize the automatic control of crane, greatly increase the safety, reliability and efficiency for crane operation.
- The operation of this crane is shown by a big computer screen, easy for man-machine interaction.



Turntable

- Turntable is made of high-strength steel plates and welded in box structure. The main structure of turntable and the suspended brackets on both sides are designed according to the force conditions of the whole machine. The structure is simple, with good processability, strong load-bearing capacity and high rigidity.



Operator's cab

- Model: The new generation cab is designed according to ergonomic principles in steel frame structure. All glass is tempered glass, ensuring both safety and visibility.
- Comfort: Instruments and controls are arranged in accordance with ergonomics. It is set with adjustable seat and rotatable display. The display is distributed within the optimal field of vision. The cab is also equipped with cooling and heating air conditioner, sound equipment, fire extinguisher and closed-circuit monitoring system, spacious and comfortable.



Slewing system

- Slewing bearing: single-row four-points contact ball type slewing bearing, its bearing capacity is very strong which can ensure a safe and stable 360° slewing.
- Slewing system is arranged at the front part of turntable (two reducers), driven by motor.
- The planetary reducer is externally meshed with slewing bearing for slewing, with function of hydraulic buffering and free swing, ensure safe operation.
- The reducer is installed with normally-closed disc brake, reliable in work and easy for maintenance.

Hoisting system

- Main winch and auxiliary winch (standard configuration): it has built-in planetary reducer, with constant closed brake to achieve “spring brake/ hydraulic release” function, safe and reliable. The reducer is lubricated by splashing oil, free of maintenance.

Main hoisting system	Rope diameter	20 mm
	Winch rope length	295 m
	Rated single line pull	8.5 t

Auxiliary hoisting system	Rope diameter	20 mm
	Winch rope length	210 m
	Rated single line pull	8.5 t

Boom system

- Main boom: five U-shaped boom sections, welded in cylindrical structure. Double-cylinder plus rope arrange telescoping system, main boom length 13.3m ~ 52m.
- Fixed jib: two side-mounted jib sections are double pendant lattice structure. Jib has three offset angles: 0° , 15° and 30° . Fixed jib length: 10.5m, 17.5m.
- Main boom extension section (optional): it is a lattice welded structure and installed on main boom head. Main boom extension section length: 7m.
- Independent boom head (optional): it is a lattice welded structure and installed on main boom head. Independent boom head length: 2.9m.

Travel system

- Travel system adopts built-in planetary reducer and is driven by axial piston variable displacement motor, the reducer is set with hydraulic release service brake, safe and reliable. The left and right travel devices can be operated synchronously or separately to realize straight travel and turning.

Counterweight

- Rear counterweight: rear counterweight has five kinds of combination: 0t, 13t, 18.4t, 25.2t and 32t. Rear counterweight composition:
 - ①Rear counterweight 0t: no counterweight installed
 - ②Rear counterweight 13t: counterweight tray: 1 × 13t
 - ③Rear counterweight 18.4t: counterweight tray: 1 × 13t, counterweight slab 1 × 5.4t
 - ④Rear counterweight 25.2t: counterweight tray: 1 × 13t, counterweight slab 1 × 5.4t + 2 × 3.4t
 - ⑤Rear counterweight 32t: counterweight tray: 1 × 13t, counterweight slab 1 × 5.4t + 4 × 3.4t

Hook block

- There are 4 types of hooks available, and the specific parameters are as follows:

Name	Dead weight	Number of pulleys
80t hook	0.7t	6
35t hook (optional)	0.36t	3
25t hook (optional)	0.42t	1
7t hook	0.15t	0



Safety device

- Safety devices include: virtual wall, data recorder, LMI, main/auxiliary winch rope over-releasing prevention device, hook latch, closed-circuit monitoring system, height indicator lamp, electronic level indicator, buzzer and warning light, functional interlock, emergency function, fault self-diagnosis system and power-off protection.



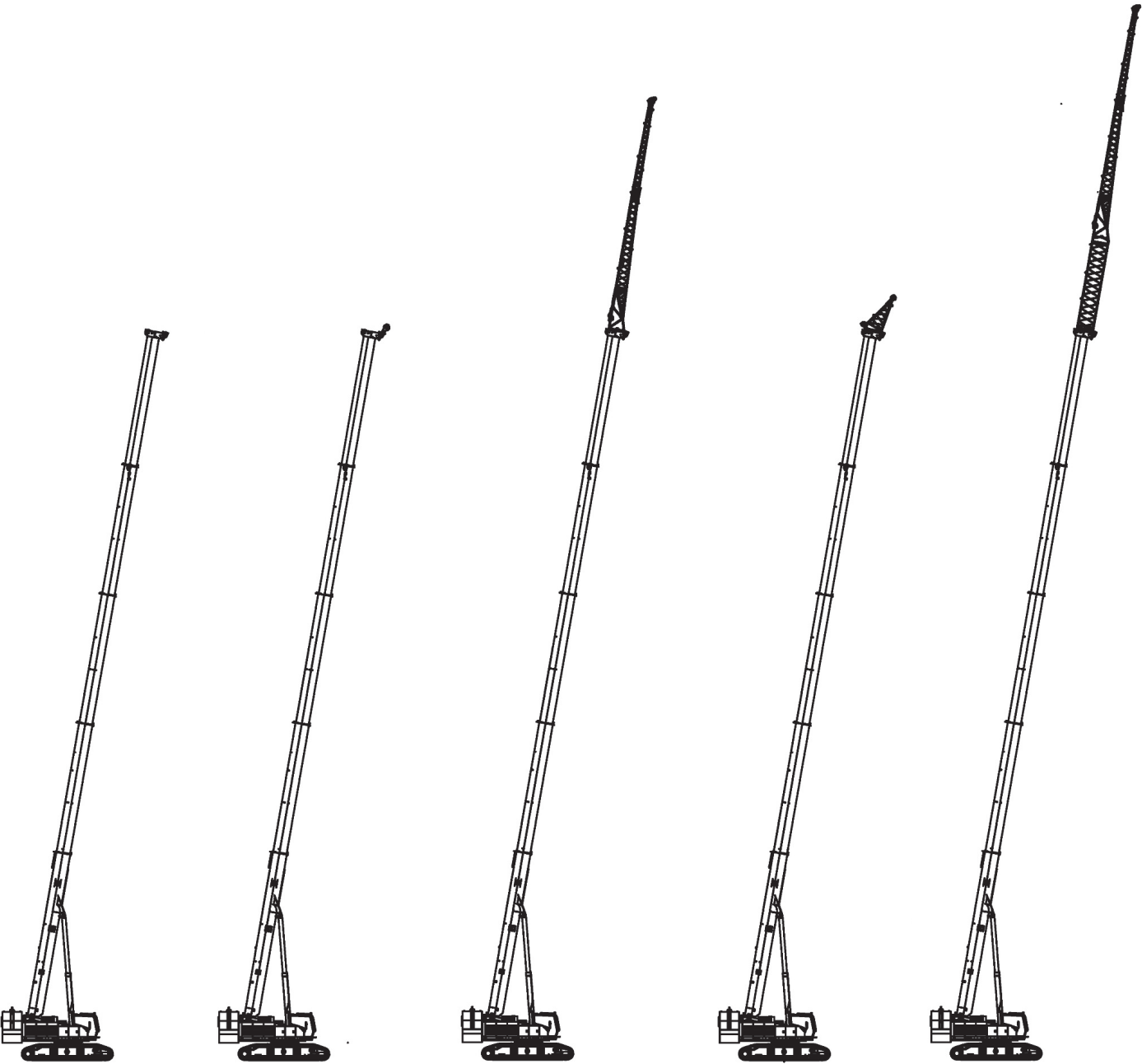
Outrigger cylinder

- Four outrigger cylinders can be installed to realize the lifting of the basic machine, providing convenience for the disassembly and assembly of the tracks.

Main technical parameters

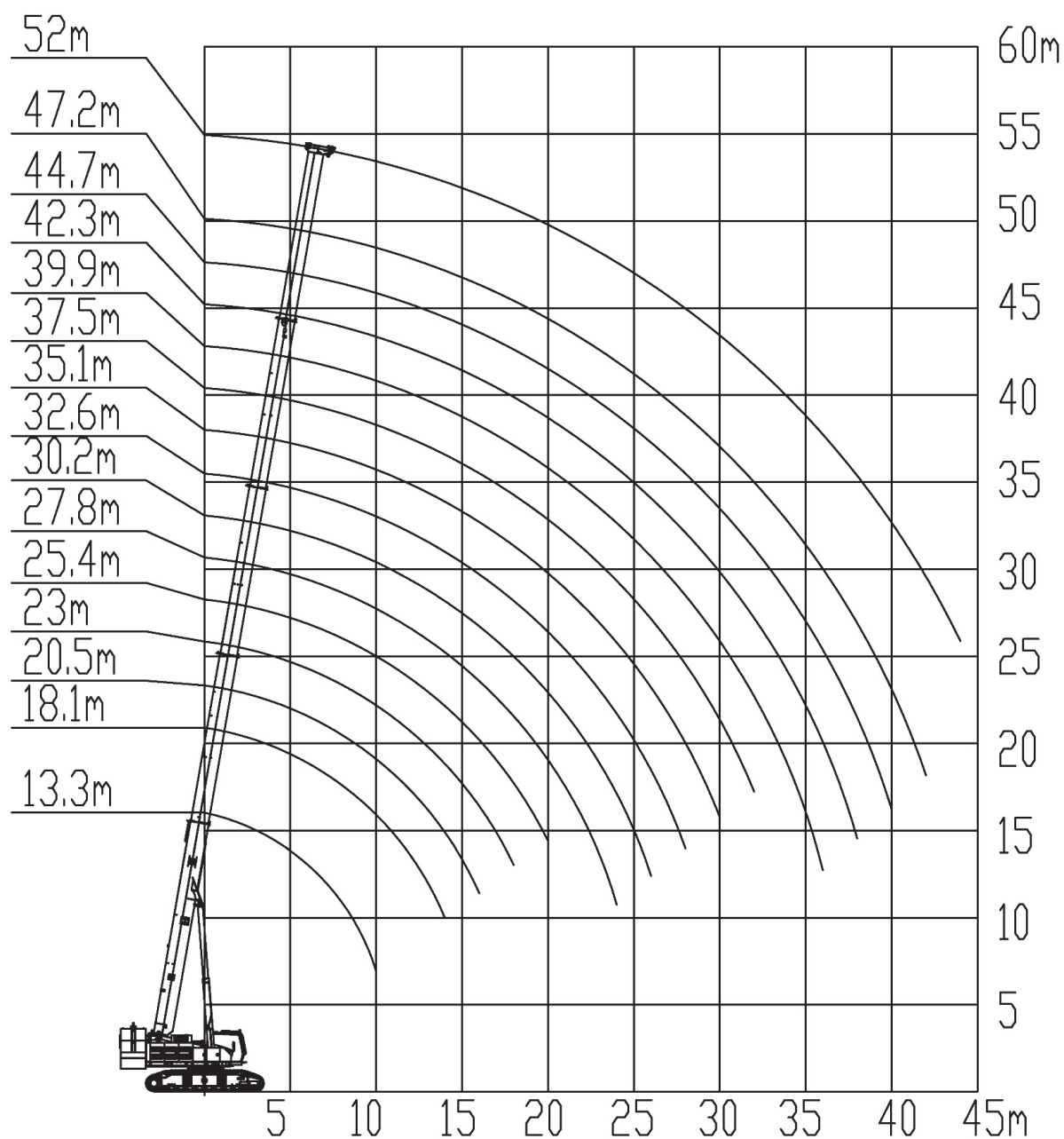
Item		Unit	Parameters
Maximum rated lifting capacity		t	100
Maximum lifting moment		t·m	385
Lifting performance parameters	Main boom length	m	13.3 ~ 52
	Fixed jib length	m	10.5/17.5
	Maximum main boom and jib combination length	m	76.5 (52+7+17.5)
Speed parameters	Main hoisting system	m/min	142
	Auxiliary hoisting system	m/min	142
	Slewing speed	r/min	0 ~ 1.5
	Travel speed	km/h	0 ~ 2.5
Weight and dimension parameters	Weight of complete crane	t	98.4
	Outline dimension	mm	15789×3430
	Crawler shoe width	mm	800
	Maximum weight of single piece in transport state	t	41.55
	Maximum dimension of single piece in transport state (L×W×H)	mm	15766×3140×3056

Operation modes and lifting performances



Main boom	Main boom + boom end single pulley	Main boom + fixed jib	Main boom+ independent boom head	Main boom + extension section + jib
Main boom: 13.3~52 m	Main boom: 13.3~52 m	Main boom: 13.3~52 m Fixed jib: 10.5 m/17.5 m	Main boom: 13.3~52 m Independent boom head: 2.9 m	Main boom: 13.3~52 m Fixed jib: 10.5 m/17.5 m Extension section: 7 m

Main boom operation mode



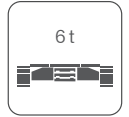
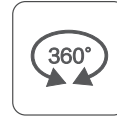
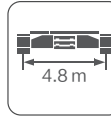
Main boom: 13.3 ~ 52 m



	13.3	18.1	20.5	23	25.4	27.8	30.2	32.6	35.1	37.5	39.9	42.3	44.7	47.2	52
3	100.0	78.0	46.0	58.0											
3.5	87.0	78.0	46.0	58.0											
4	83.0	78.0	46.0	58.0	45.0										
4.5	78.0	78.0	46.0	58.0	45.0	41.0									
5	70.0	70.0	46.0	58.0	45.0	41.0	42.0								
6	64.0	59.0	46.0	58.0	45.0	41.0	42.0	42.0							
7	50.0	50.0	46.0	50.0	45.0	41.0	42.0	42.0	22.5	39.0					
8	44.0	44.0	44.0	43.5	44.0	41.0	41.8	42.0	22.5	38.3	22.0				
9	38.7	38.0	39.0	37.1	39.0	39.0	36.2	37.3	22.5	34.8	22.0				
10	32.4	31.8	35.0	31.4	34.0	35.4	31.7	32.9	22.5	30.7	22.0	21.2	21.5	19.5	
12		23.3	26.3	22.9	25.3	27.3	24.7	26.3	22.5	24.5	22.0	19.2	21.5	19.5	17.0
14		17.7	20.6	17.4	19.7	21.6	19.1	20.7	21.4	20.1	21.1	17.4	19.8	18.3	17.0
16			16.5	13.4	15.7	17.5	15.1	16.7	18.1	16.1	17.3	15.9	16.5	17.0	15.8
18				10.5	12.7	14.5	12.1	13.7	15.0	13.1	14.3	14.5	13.8	14.6	13.3
20					10.4	12.2	9.9	11.4	12.7	10.8	12.0	13.0	11.5	12.4	11.3
22					8.0	10.3	8.0	9.5	10.8	9.0	10.1	11.2	9.6	10.6	9.7
24						8.8	6.6	8.0	9.3	7.5	8.6	9.6	8.1	9.0	8.4
26							5.3	6.8	8.0	6.3	7.4	8.4	6.9	7.8	7.3
28								5.7	7.0	5.2	6.3	7.3	5.8	6.7	6.2
30								2.5	6.1	4.3	5.4	6.4	4.9	5.8	5.3
32									5.0	3.5	4.6	5.6	4.1	5.0	4.6
34											3.9	4.9	3.5	4.3	3.9
36											3.3	4.3	2.8	3.7	3.3
38												3.8	2.3	3.2	2.7
40													1.8	2.7	2.3
42														2.3	1.8
44															1.4
	12	10	6	8	6	6	6	6	4	6	4	4	4	3	3
The 2nd boom section	0%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	100%
The 3rd ~ 5th boom section	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%

Main boom: 13.3 ~ 52 m

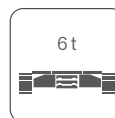
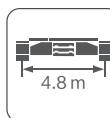
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3	100.0	78.0	46.0	58.0											
3.5	87.0	78.0	46.0	58.0											
4	83.0	78.0	46.0	58.0	45.0										
4.5	78.0	78.0	46.0	58.0	45.0	41.0									
5	70.0	70.0	46.0	58.0	45.0	41.0	42.0								
6	60.8	59.0	46.0	55.0	45.0	41.0	42.0	42.0							
7	50.0	49.0	46.0	44.8	45.0	41.0	42.0	42.0	22.5	39.0					
8	40.4	39.5	43.1	37.4	39.3	40.6	36.2	37.3	22.5	34.6	22.0				
9	32.9	32.2	35.5	31.7	33.7	35.2	31.2	32.4	22.5	30.1	22.0				
10	27.4	26.8	30.0	26.3	28.9	30.9	27.2	28.5	22.5	26.5	22.0	21.2	21.5	19.5	
12		19.3	22.3	18.9	21.4	23.4	20.7	22.5	22.5	21.0	22.0	19.2	20.5	19.5	17.0
14		14.4	17.3	14.1	16.4	18.3	15.8	17.4	18.9	16.8	17.9	17.4	16.7	17.4	15.8
16			13.7	10.6	12.9	14.7	12.3	13.9	15.3	13.3	14.5	15.5	13.6	14.4	13.0
18				8.1	10.3	12.0	9.7	11.3	12.6	10.7	11.9	12.9	11.3	12.1	10.8
20					8.2	10.0	7.7	9.2	10.5	8.7	9.8	10.9	9.3	10.2	9.1
22					6.5	8.3	6.1	7.6	8.9	7.0	8.2	9.2	7.7	8.6	7.7
24						7.0	4.8	6.3	7.5	5.7	6.9	7.9	6.3	7.3	6.5
26							3.7	5.2	6.4	4.6	5.8	6.8	5.2	6.2	5.6
28								4.2	5.5	3.7	4.8	5.8	4.3	5.2	4.8
30								2.0	4.7	2.9	4.0	5.0	3.5	4.4	4.0
32									3.5	2.2	3.3	4.3	2.8	3.7	3.3
34											2.7	3.7	2.2	3.1	2.7
36											2.2	3.2	1.7	2.6	2.1
38												2.7	1.2	2.1	1.7
40														1.7	1.2
	12	10	6	8	6	6	6	6	4	6	4	4	4	3	3
The 2nd boom section	0%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	100%
The 3rd ~5th boom section	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%

Main boom: 13.3 ~ 52 m

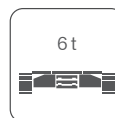
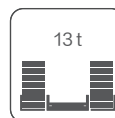
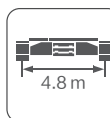
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4.5	77.9	77.3	46.0	46.0	45.0	41.0									
5	69.9	66.8	46.0	46.0	45.0	41.0	42.0								
6	57.6	51.6	46.0	46.0	45.0	41.0	42.0	42.0							
7	43.6	41.5	46.0	43.9	39.6	41.0	36.3	37.4	22.5	34.4					
8	34.3	33.4	43.1	36.8	33.3	34.8	30.6	31.8	22.5	29.3	22.0				
9	27.8	27.0	35.5	30.4	28.5	30.1	26.2	27.5	22.5	25.4	22.0				
10	22.9	22.3	30.0	25.5	24.5	26.4	22.7	24.1	22.5	22.2	22.0	21.2	21.5	19.5	
12		15.8	22.3	18.7	17.8	19.8	17.2	18.9	20.1	17.4	18.5	19.2	17.1	17.9	16.3
14		11.5	17.3	14.3	13.4	15.4	12.8	14.5	15.9	13.9	14.8	15.7	13.7	14.4	12.9
16			13.7	11.2	10.4	12.2	9.8	11.4	12.8	10.8	12.0	12.9	11.1	11.8	10.5
18					8.1	9.9	7.5	9.1	10.4	8.5	9.7	10.8	9.0	9.8	8.6
20					6.3	8.1	5.8	7.3	8.6	6.7	7.9	8.9	7.4	8.2	7.1
22					4.5	6.6	4.4	5.9	7.1	5.3	6.5	7.5	5.9	6.9	5.9
24						5.4	3.2	4.7	6.0	4.2	5.3	6.3	4.8	5.7	4.9
26							2.3	3.7	5.0	3.2	4.3	5.3	3.8	4.7	4.0
28								2.9	4.2	2.4	3.5	4.5	3.0	3.9	3.3
30								1	3.4	1.7	2.8	3.8	2.3	3.2	2.7
32									2.5	1.1	2.2	3.2	1.7	2.6	2.1
34											1.7	2.6	1.2	2.1	1.6
36											1.2	2.2		1.6	1.1
38												1.7		1.2	
40															
The 2nd boom section	12	10	6	6	6	6	6	6	4	6	4	4	4	3	3
The 3rd ~5th boom section	0%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	100%
	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%

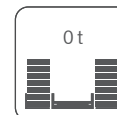
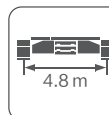
Main boom: 13.3 ~ 52 m

EN



	13.3	18.1	20.5	23	25.4	27.8	30.2	32.6	35.1	37.5	39.9	42.3	44.7	47.2	52
3	100.0	78.0	46.0	58.0											
3.5	87.0	78.0	46.0	58.0											
4	83.0	78.0	46.0	58.0	45.0										
4.5	74.6	67.5	46.0	58.0	45.0	41.0									
5	66.7	58.0	46.0	51.5	45.0	41.0	42.0								
6	50.6	44.5	46.0	40.1	41.9	41.0	37.9	38.9							
7	37.7	35.6	38.2	32.2	34.2	35.7	31.1	32.4	22.5	29.6					
8	29.4	28.6	31.9	26.5	28.6	30.2	26.1	27.5	22.5	25.2	22.0				
9	23.7	22.9	26.3	22.2	24.4	26.0	22.2	23.6	22.5	21.7	22.0				
10	19.4	18.7	21.9	18.3	20.9	22.7	19.1	20.6	21.8	18.8	19.9	20.8	18.3	19.1	
12		12.9	15.9	12.6	15.0	17.0	14.3	16.0	17.2	14.5	15.7	16.6	14.4	15.2	13.5
14		9.1	12.0	8.8	11.1	13.0	10.5	12.2	13.6	11.4	12.5	13.3	11.4	12.1	10.6
16			9.2	6.1	8.4	10.2	7.8	9.4	10.8	8.8	10.0	10.8	9.0	9.8	8.4
18				4.2	6.3	8.1	5.8	7.3	8.7	6.8	8.0	9.0	7.2	8.0	6.8
20					4.8	6.5	4.2	5.8	7.1	5.2	6.4	7.4	5.8	6.6	5.5
22					3.2	5.2	3.0	4.5	5.8	3.9	5.1	6.1	4.6	5.4	4.4
24						4.2	2.0	3.5	4.7	2.9	4.0	5.1	3.5	4.5	3.5
26							1.1	2.6	3.8	2.1	3.2	4.2	2.7	3.6	2.8
28								1.9	3.1	1.3	2.5	3.4	1.9	2.8	2.2
30									2.5		1.8	2.8	1.3	2.2	1.7
32									1.5		1.3	2.3		1.7	1.2
34												1.8			
The 2nd boom section The 3rd ~5th boom section	12	10	6	8	6	6	6	6	4	6	4	4	4	3	3
	0%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	100%
	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%

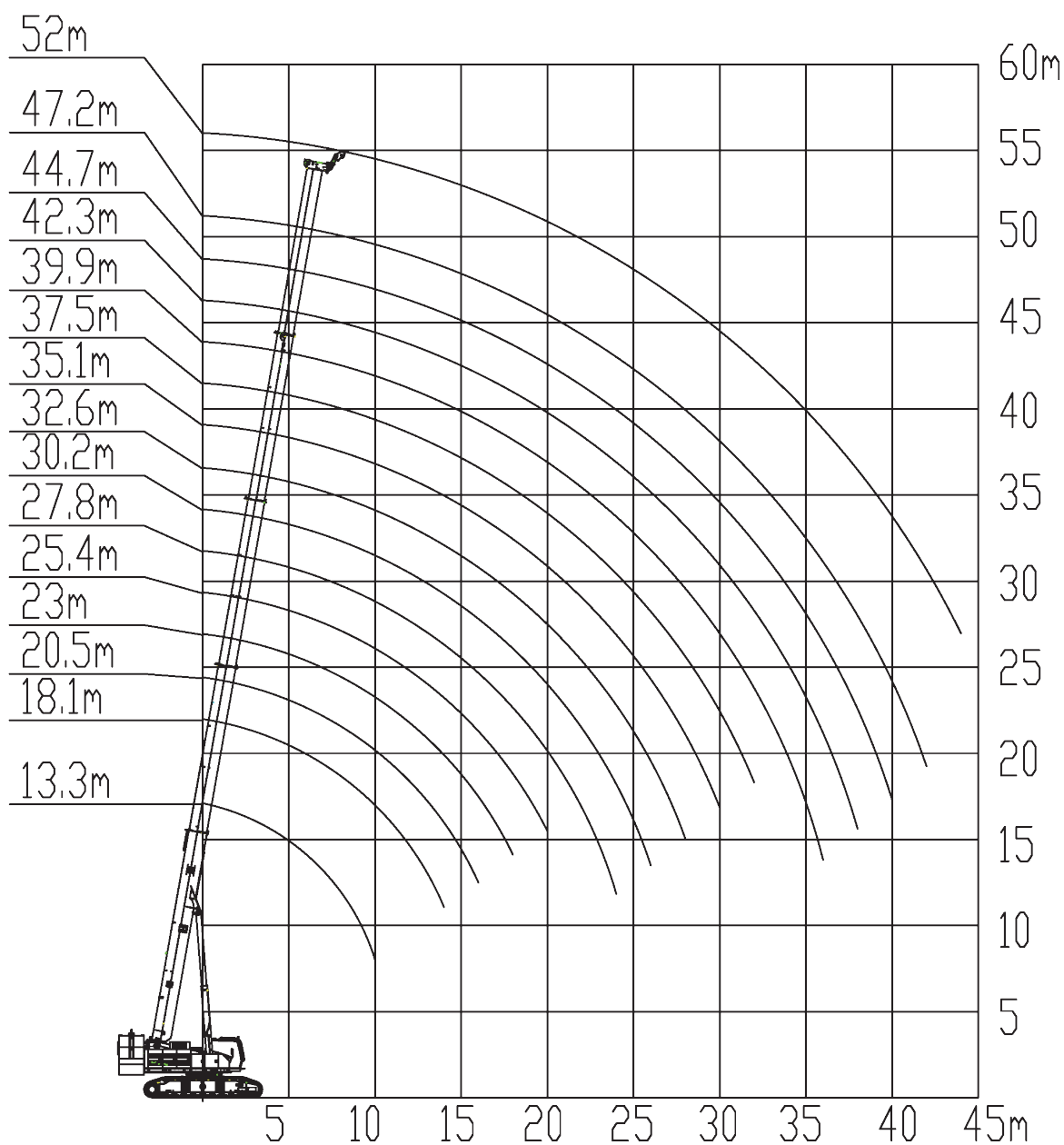
EN



Main boom: 13.3 ~ 52 m

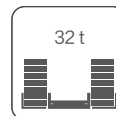
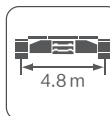
	13.3	18.1	20.5	23	25.4	27.8	30.2	32.6	35.1	37.5	39.9	42.3	44.7	47.2	52
3	90.0	78.0	46.0	58.0											
3.5	79.0	64.2	46.0	54.1											
4	62.5	52.0	46.0	44.5	45.0										
4.5	51.3	43.3	45.7	37.5	39.4	40.6									
5	43.1	36.7	39.4	32.1	34.2	35.6	30.1								
6	32.0	27.5	30.4	24.2	26.5	28.2	23.5	24.9							
7	23.5	21.3	24.3	18.8	21.2	23.0	18.8	20.4	21.6	18.2					
8	17.8	16.9	20.0	14.9	17.3	19.2	15.3	16.9	18.2	15.1	16.2				
9	13.8	13.0	16.4	11.9	14.4	16.3	12.6	14.3	15.6	12.6	13.8				
10	10.8	10.1	13.4	9.6	12.0	13.9	10.5	12.1	13.5	10.7	11.9	12.9	10.6	11.5	
12		6.2	9.2	5.8	8.2	10.2	7.3	8.9	10.3	7.7	8.9	9.9	7.8	8.6	7.0
14		3.5	6.4	3.2	5.5	7.4	4.9	6.6	7.9	5.5	6.7	7.6	5.7	6.5	5.0
16			4.4	1.4	3.6	5.4	3.0	4.6	6.0	3.9	5.0	5.9	4.1	4.9	3.6
18					2.2	4.0	1.6	3.2	4.5	2.6	3.7	4.6	2.9	3.7	2.5
20					1.1	2.8		2.1	3.4	1.5	2.7	3.6	1.9	2.7	1.6
22						1.9		1.2	2.5		1.8	2.8	1.1	1.9	
24									1.7			2.0		1.3	
The 2nd boom section The 3rd ~5th boom section	12	10	6	8	6	6	6	6	4	6	4	4	4	3	3
	0%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	100%
	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%

Single pulley operation mode



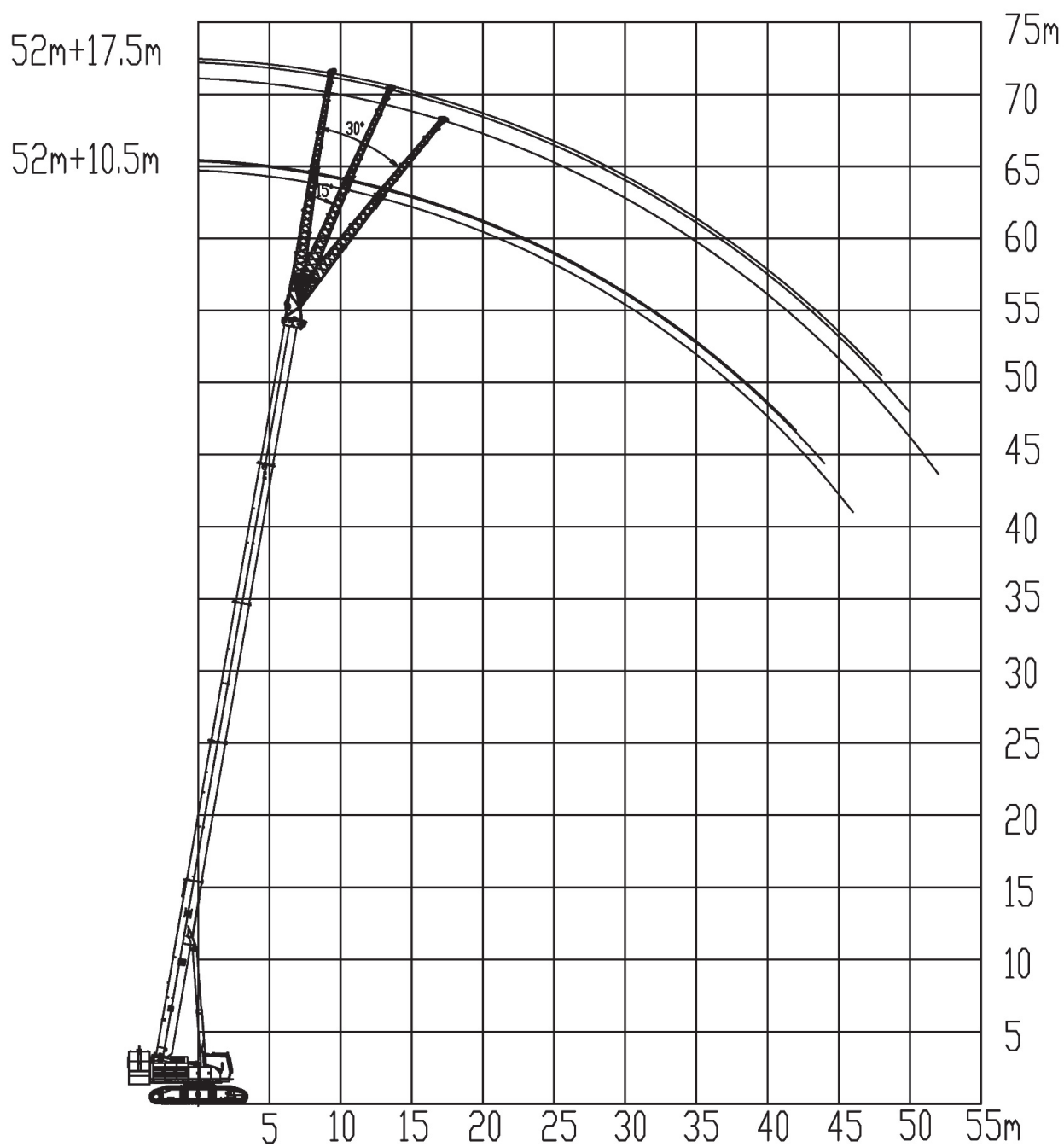
Main boom: 13.3 ~ 52 m

EN



	13.3	18.1	20.5	23	25.4	27.8	30.2	32.6	35.1	37.5	39.9	42.3	44.7	47.2	52
3	9.8	9.8	9.8	9.8											
3.5	9.8	9.8	9.8	9.8											
4	9.8	9.8	9.8	9.8	9.8										
4.5	9.8	9.8	9.8	9.8	9.8	9.8									
5	9.8	9.8	9.8	9.8	9.8	9.8	9.8								
6	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8							
7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8					
8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8				
9	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8				
10	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	
12		9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
14		9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
16			9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
18				9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
20					9.8	9.8	9.4	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
22						9.8	7.7	9.1	9.8	8.6	9.8	9.8	9.3	9.8	9.4
24						8.3	6.2	7.7	8.9	7.2	8.3	9.3	7.8	8.7	8.1
26							5.0	6.5	7.7	6.0	7.1	8.1	6.6	7.5	7.0
28								5.4	6.6	4.9	6.0	7.0	5.5	6.4	6.0
30									5.8	4.1	5.1	6.1	4.7	5.5	5.1
32										3.3	4.4	5.3	3.9	4.8	4.3
34											3.7	4.7	3.2	4.1	3.6
36											3.1	4.1	2.6	3.5	3.1
38												3.5	2.1	3.0	2.5
40													1.6	2.5	2.1
42														2.1	1.6
44															1.2
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
The 2nd boom section	0%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	100%
The 3rd ~ 5th boom section	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%

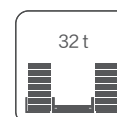
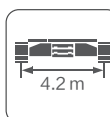
Fixed jib operation mode



Main boom: 13.3 ~ 52 m

Fixed jib: 10.5 m

EN

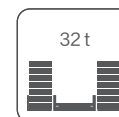
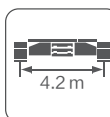


	13.3+10.5			18.1+10.5			23+10.5			30.2+10.5			37.5+10.5			44.7+10.5			52+10.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
3	8.5																				
3.5	8.5																				
4	8.5			8.5																	
4.5	8.5			8.5																	
5	8.5			8.5			8.5														
6	8.5	8.5		8.5	8.5		8.5			8.5											
7	8.5	8.1	5.2	8.5	8.5		8.5	8.5		8.5			8.5								
8	8.5	7.4	5.0	8.5	8.5	5.2	8.5	8.5		8.5	8.5		8.5								
9	8.5	6.7	4.7	8.5	7.9	5.0	8.5	8.4	5.2	8.5	8.5		8.5			8.5					
10	8.5	6.3	4.5	8.5	7.2	4.8	8.5	8.1	5.0	8.5	8.3	5.5	8.5	8.5		8.5			8.5		
12	8.1	5.5	4.0	8.5	6.4	4.4	8.5	7.2	4.6	8.5	8.1	5.1	8.5	8.1	5.3	8.5	7.6		8.5	7.6	
14	7.1	4.8	3.6	8.3	5.7	4.0	8.5	6.5	4.4	8.5	7.3	4.6	8.5	7.7	5.0	8.5	7.4	5.0	8.5	7.3	5.4
16		4.4	3.4	7.4	5.0	3.7	8.2	5.8	4.1	8.5	6.7	4.4	8.5	7.3	4.7	8.5	7.2	4.8	8.5	7.0	5.1
18				6.6	4.5	3.5	7.5	5.3	3.8	8.4	6.1	4.2	8.5	6.8	4.4	8.5	6.8	4.6	8.5	6.7	4.7
20					4.3	3.3	7.0	4.8	3.6	7.9	5.5	4.0	8.3	6.4	4.2	8.4	6.6	4.4	8.0	6.5	4.5
22							6.5	4.5	3.4	7.3	5.3	3.8	7.8	5.9	4.0	8.0	6.3	4.2	7.8	6.4	4.4
24								4.2	3.2	6.9	4.9	3.6	7.4	5.5	3.8	7.7	5.9	4.0	7.5	6.2	4.2
26										6.4	4.6	3.4	7.0	5.1	3.6	6.9	5.7	3.8	6.4	6.0	4.0
28										5.8	4.3	3.4	6.1	4.9	3.6	6.0	5.2	3.7	5.5	5.7	3.8
30												3.2	5.2	4.6	3.4	5.2	5.0	3.6	4.8	5.2	3.7
32													4.4	4.4	3.4	4.5	4.8	3.5	4.1	4.5	3.6
34														4.1	3.2	3.9	4.2	3.4	3.6	3.9	3.5
36																3.4	3.7	3.3	3.1	3.4	3.4
38																2.9	3.1	3.2	2.7	2.9	3.1
40																		2.8	2.3	2.5	2.7
42																			1.9	2.1	2.3
44																				1.8	2.0
46																					1.6
	1																				
	0%			50%			100%			100%			100%			100%			100%		
The 2nd boom section	0%			50%			100%			100%			100%			100%			100%		
The 3rd ~ 5th boom section	0%			0%			0%			25%			50%			75%			100%		

Main boom: 13.3 ~ 52 m

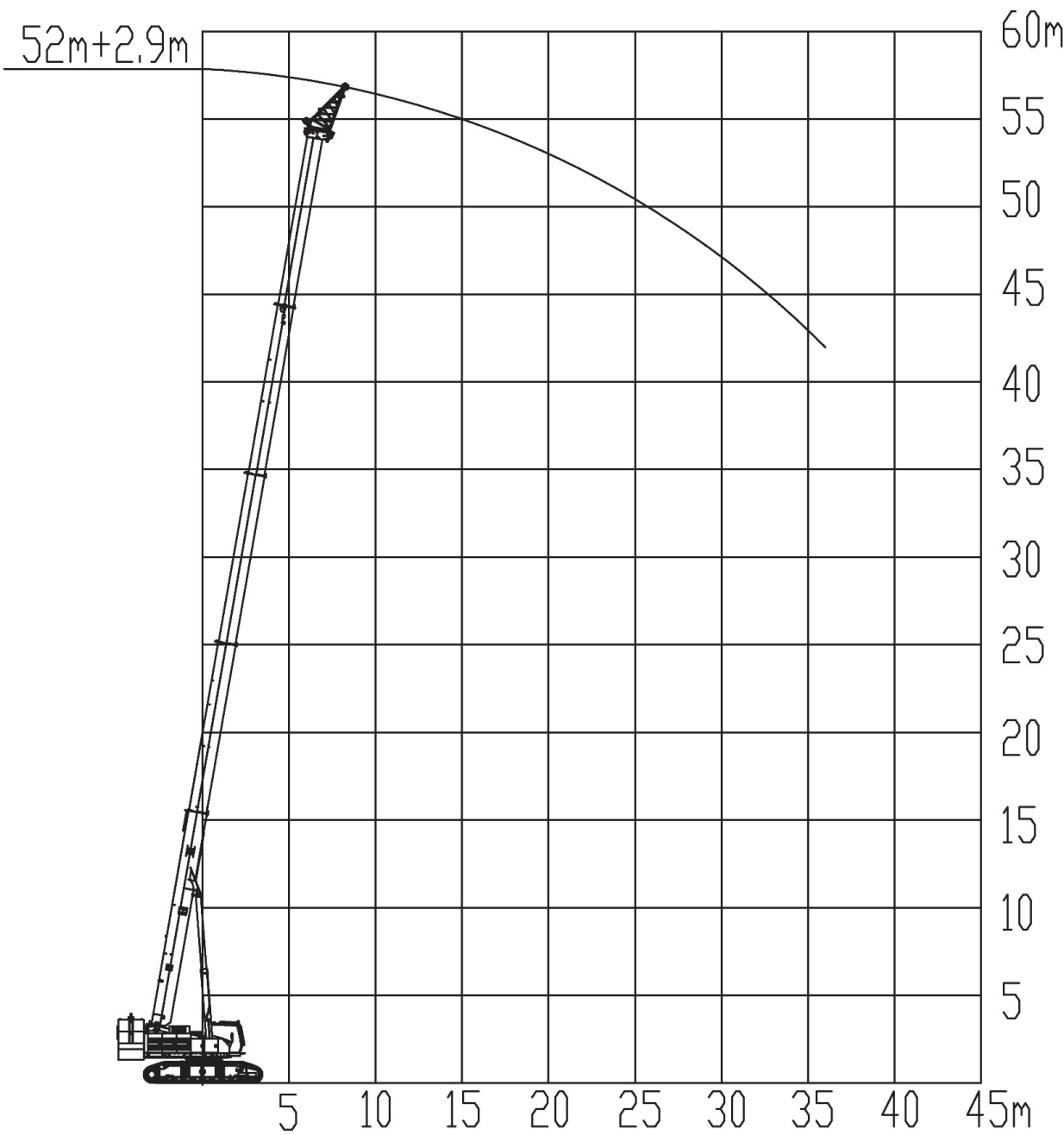
Fixed jib : 17.5 m

EN

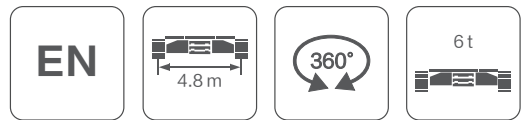


	13.3+17.5			18.1+17.5			23+17.5			30.2+17.5			37.5+17.5			44.7+17.5			52+17.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
4	7.2																				
4.5	7.2																				
5	7.2			7.1																	
6	7.1			7.1			6.9														
7	6.7			7.0			6.9			6.6											
8	6.2	4.3		6.6			6.7			6.6											
9	5.9	4.0		6.2	4.4		6.5			6.6			6.1								
10	5.4	3.7		6.0	4.0		6.1	4.3		6.4			6.1			5.5					
12	4.6	3.3	2.5	5.3	3.5		5.7	3.9		6.0	4.1		5.9			5.5			4.5		
14	3.9	2.9	2.3	4.6	3.2	2.4	5.3	3.4	2.5	5.6	3.8		5.5	3.9		5.4	4.1		4.7		
16	3.4	2.6	2.1	4.1	2.8	2.2	4.7	3.2	2.3	5.2	3.4	2.5	5.3	3.7	2.7	5.3	3.9		4.8	3.8	
18	3.1	2.4	1.9	3.7	2.6	2.0	4.2	2.9	2.1	4.9	3.2	2.3	4.9	3.5	2.5	5.0	3.7	2.6	4.6	3.7	
20	2.8	2.2	1.7	3.2	2.4	1.9	3.8	2.6	2.1	4.5	3.0	2.1	4.7	3.2	2.3	4.8	3.4	2.4	4.5	3.6	2.5
22		2.0	1.8	3.0	2.2	1.7	3.4	2.4	1.9	4.1	2.8	2.1	4.5	3.0	2.2	4.6	3.2	2.3	4.3	3.4	2.3
24			1.7	2.7	2.0	1.7	3.2	2.2	1.9	3.7	2.6	1.9	4.3	2.8	2.1	4.4	3.0	2.2	4.3	3.2	2.1
26					2.0	1.5	2.9	2.2	1.7	3.5	2.4	1.9	4.0	2.6	2.0	4.2	2.8	2.1	4.1	3.0	2.3
28						1.7		2.0	1.8	3.2	2.3	1.9	3.7	2.5	1.9	4.0	2.6	2.0	3.9	2.9	2.2
30								1.8	1.7	3.0	2.2	1.7	3.4	2.4	1.9	3.8	2.6	1.9	3.8	2.8	2.0
32									1.5	2.8	2.1	1.8	3.2	2.2	1.9	3.7	2.4	2.0	3.7	2.6	2.1
34											2.0	1.7	3.0	2.2	1.8	3.5	2.4	1.9	3.5	2.5	2.0
36												1.7	2.8	2.2	1.7	3.3	2.2	1.8	3.0	2.4	1.8
38													2.7	2.0	1.7	3.0	2.2	1.7	2.6	2.3	1.9
40														1.9	1.7	2.7	2.0	1.8	2.2	2.2	1.8
42															1.6	2.4	2.0	1.7	1.9	2.2	1.7
44																2.1	2.0	1.7	1.6	2.0	1.7
46																	1.8	1.6	1.3	1.7	1.6
48																		1.9	1.1	1.4	1.6
50																				1.1	1.3
52																					1.1
 The 2nd boom section The 3rd ~5th boom section	1																				
	0%			50%			100%			100%			100%			100%			100%		
	0%			0%			0%			25%			50%			75%			100%		

Independent boom head operation mode

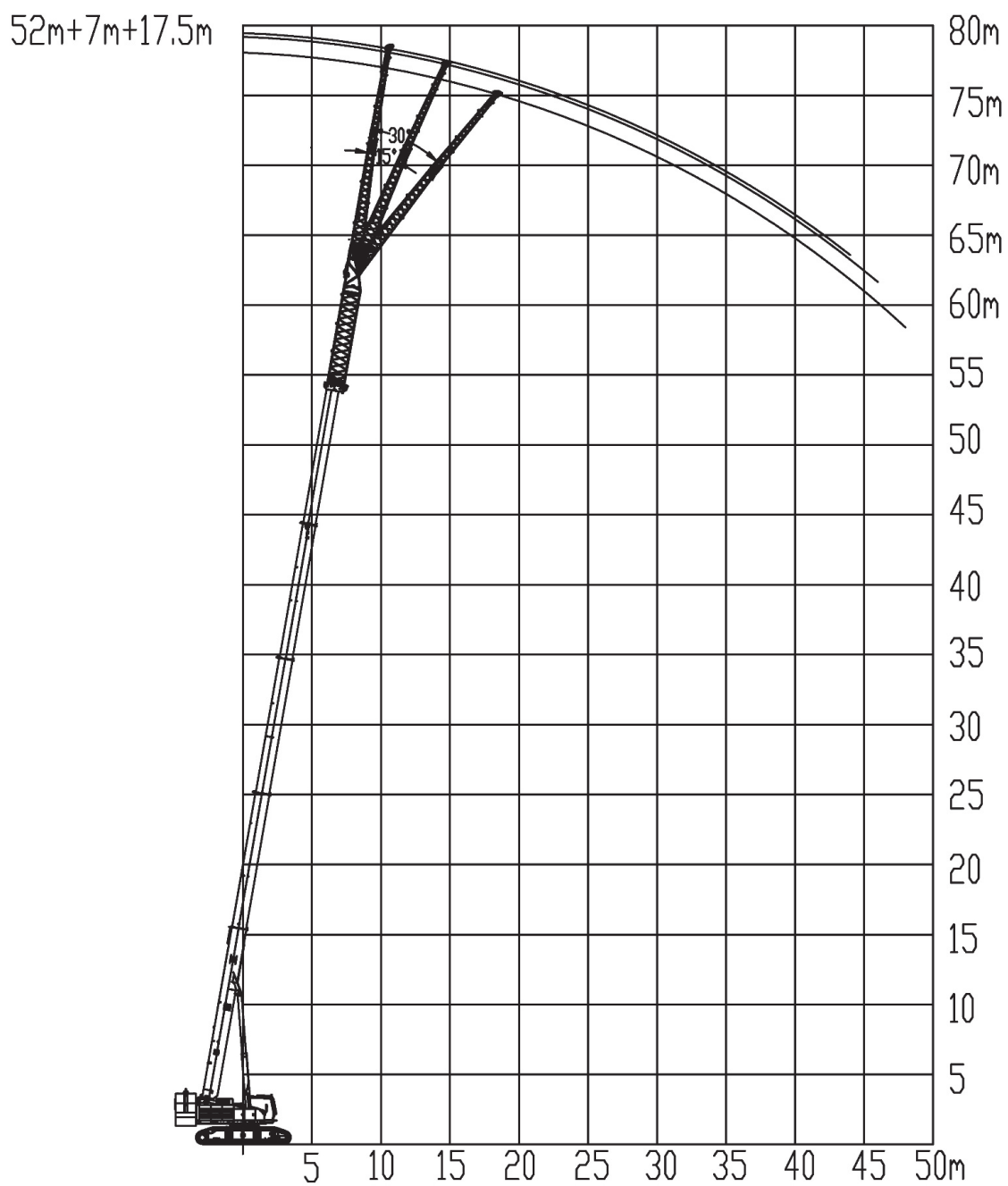


Main boom: 52 m



	0	13	18.4	25.2	32
					
12	6.0	11.9	13.5	13.5	13.5
14	4.3	9.3	11.4	13.3	13.3
16	3.1	7.4	9.2	11.5	11.9
18	2.1	5.9	7.5	9.5	11.0
20	1.3	4.8	6.2	8.0	9.8
22		3.8	5.1	6.8	8.4
24		3.1	4.3	5.7	7.2
26		2.4	3.5	4.9	6.3
28		1.9	2.9	4.2	5.4
30			2.3	3.5	4.7
32				3.0	4.0
34				2.4	3.4
36				1.9	2.9
38					2.4
40					2.0
	2	2	2	2	2

Extension section operation mode



Main boom: 52 m

Extension section: 7 m + 17.5 m

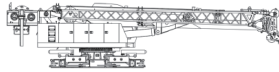


	0	13	18.4	25.2	32
					
12	6.0	11.9	13.5	13.5	13.5
14	4.3	9.3	11.4	13.3	13.3
16	3.1	7.4	9.2	11.5	11.9
18	2.1	5.9	7.5	9.5	11.0
20	1.3	4.8	6.2	8.0	9.8
22		3.8	5.1	6.8	8.4
24		3.1	4.3	5.7	7.2
26		2.4	3.5	4.9	6.3
28		1.9	2.9	4.2	5.4
30			2.3	3.5	4.7
32				3.0	4.0
34				2.4	3.4
36				1.9	2.9
38					2.4
40					2.0
	2	2	2	2	2

Dimensions of transported components

Basic crane (with fixed jib)

Length	15766 mm
Width	3140 mm
Height	3056 mm
Weight	41550kg
Qty.	1



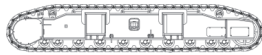
Central counterweight slab

Length	1923 mm
Width	610 mm
Height	910 mm
Weight	3000 kg
Qty.	2



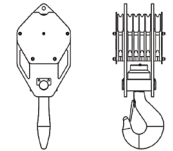
Left track frame

Length	6862 mm
Width	1418 mm
Height	1217 mm
Weight	9425 kg
Qty.	1



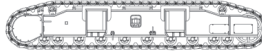
80t hook

Length	1800 mm
Width	600 mm
Height	520 mm
Weight	700 kg
Qty.	1



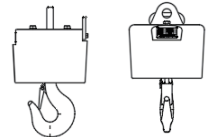
Right track frame

Length	6862 mm
Width	1418 mm
Height	1217mm
Weight	9425 kg
Qty.	1



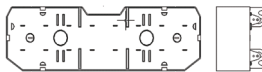
7t hook

Length	717 mm
Width	312 mm
Height	312 mm
Weight	150 kg
Qty.	1



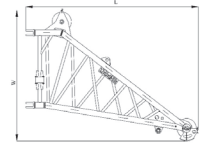
Turntable counterweight tray

Length	3900 mm
Width	1466 mm
Height	1145 mm
Weight	13000 kg
Qty.	1



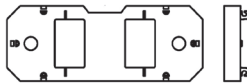
Independent boom head (optional)

Length	3.17 m
Width	2.39 m
Height	0.89 m
Weight	448 kg
Qty.	1



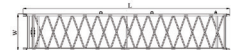
Turntable counterweight slab I

Length	3900 mm
Width	1466 mm
Height	480 mm
Weight	5400 kg
Qty.	1



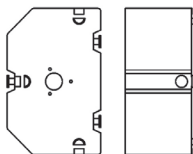
Extension section 7m (optional)

Length	7.09 m
Width	1.28 m
Height	0.95 m
Weight	444 kg
Qty.	1



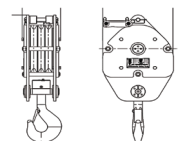
Turntable counterweight slab II

Length	1466 mm
Width	950 mm
Height	706 mm
Weight	3400 kg
Qty.	4



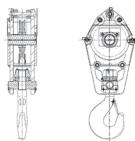
35t hook (optional)

Length	1317 mm
Width	630 mm
Height	336 mm
Weight	473.8 kg
Qty.	1



25t hook (optional)

Length	1444 mm
Width	329 mm
Height	553 mm
Weight	417 kg
Qty.	1



Symbols

	Longest main boom		Turntable counterweight
	Working radius		Rated lifting capacity
	Parts of line		Track width
	360° slewing	EN	Rating are in compliance with EN13000

Construction cases



XTC100-AU CRAWLER CRANE

Due to the need for continuous product improvement, we reserve the right to make changes to product models, parameters and configurations. For the latest technical information of the product, please consult your sales manager.

The pictures are for reference only, and the specific product is subject to the actual product. The product in the picture may not be standard configuration, and some components may need to be purchased separately.



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XCMG CRANE



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