



Crawler Crane

XLC450



450t



126m



168m



The design of the whole machine meets the EN13000 standard

V.1_2025

Company Profile

XCMG Hoisting Machinery, a core business division of XCMG Group, is the pioneer, leader, and innovator in China's crane industry, specializing in the R&D and manufacturing of mobile cranes. With technological innovation as its core driving force, the company is dedicated to delivering digital, intelligent, and integrated solutions to foster the healthy and sustainable development of the global hoisting industry chain.

XCMG Hoisting Machinery boasts a complete product lineup, ranging from 5 t to 220 t truck cranes, 40 t to 4,000 t all-terrain cranes, 25 t to 150 t rough-terrain cranes, 30 t to 160 t telescopic crawler cranes, and 45 t to 4,000 t lattice boom crawler cranes. Our products are distributed across over 190 countries and regions worldwide. For two consecutive years, XCMG has ranked first among global mobile crane manufacturers, while consistently maintaining China's leading position in crane exports.





R&D Centers

Global Collaborative R&D System China, Europe, North America, Brazil, and Australia

Establish multiple R&D centers worldwide to focus on studying regulatory requirements and customer needs in different regional markets, developing specialized crane models tailored to each region to better meet local customers' usage habits and demands.



XCMG Europe R&D Center



XCMG North America R&D Center



XCMG Brazil R&D Center



XCMG Australia R&D Center



XCMG Research Institute

R&D Achievements

With 30 years of professional dedication to crawler crane R&D, we have successfully developed nearly a hundred core technologies.

Our product series meet regional compliance standards, having obtained EU CE certification, Customs Union EAC certification, and North American certifications.

1,770 valid patents, including 909 invention patents (89 internationally authorized) and 165 valid software copyrights.



Smart Manufacturing



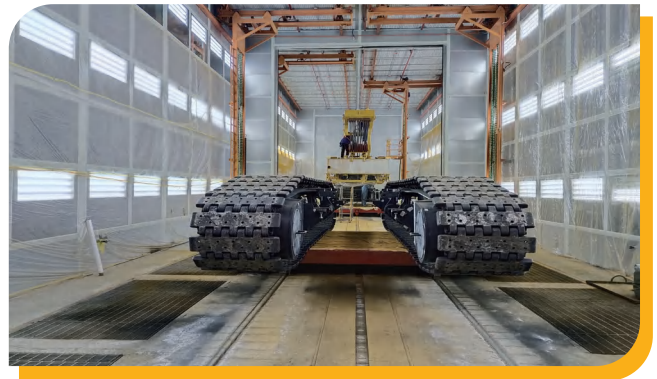
Fully Automated Track Roller Feeding Robot for Crawler Beams



Lacing Rod Robotic System



Strap-type Crawler Beam Turnover Machine



Precision Painting



Intelligent warehousing and logistics



Overall Crane Testing

Global Services

XCMG operates globally with

30 subsidiaries **40** sales offices **40** spare parts centers

300+ distributors **2000+** service outlets

5000+ service engineers **1500** dedicated service facilities

XCMG video



Regularly enjoy XCMG Crane's global services
Experience the convenience and comfort of XCMG at your service

We provide customers with on-site equipment inspections, product maintenance, operational training, and mobile app installation guidance to optimize operational costs



▲ Southeast Asia Services



▲ Indonesia Services



▲ Central Asia Services



▲ Africa Services

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01 Technological Leadership

Integrated control system

- ▶ One-button operation, face recognition, voice alerts; and real-time display of crane parameters.



Small size and excellent performance

- ▶ 400 t size, 600 t performance; ideal for confined spaces



Enhanced counterweight function

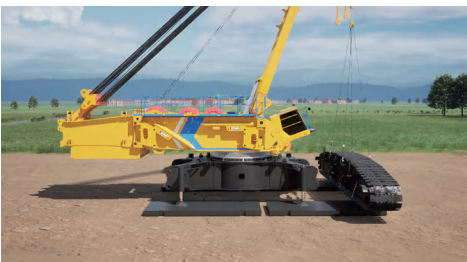
- ▶ Reinforced counterweight rotates 360° with basic machine; flexible, efficient operation



02 Operational Efficiency

Self-assembly and disassembly technology upgrade

- ▶ No disassembly required for crawler beams and walking board guard rails, reducing site transfer time; one-button mast erection saves labor costs.
- ▶ Only one crane is needed for overall crane assembly and disassembly, with 300% efficiency improvement in self-assembly and disassembly functionality.



Self-dismantling Crawler Beam System



One-touch Mast Raising

Integrated transport solution: boom set with luffing system

- ▶ Reduces vehicle requirements by 10% while enhancing single-trip transport efficiency.



Boom Set Transportation



Unified Luffing System Transport

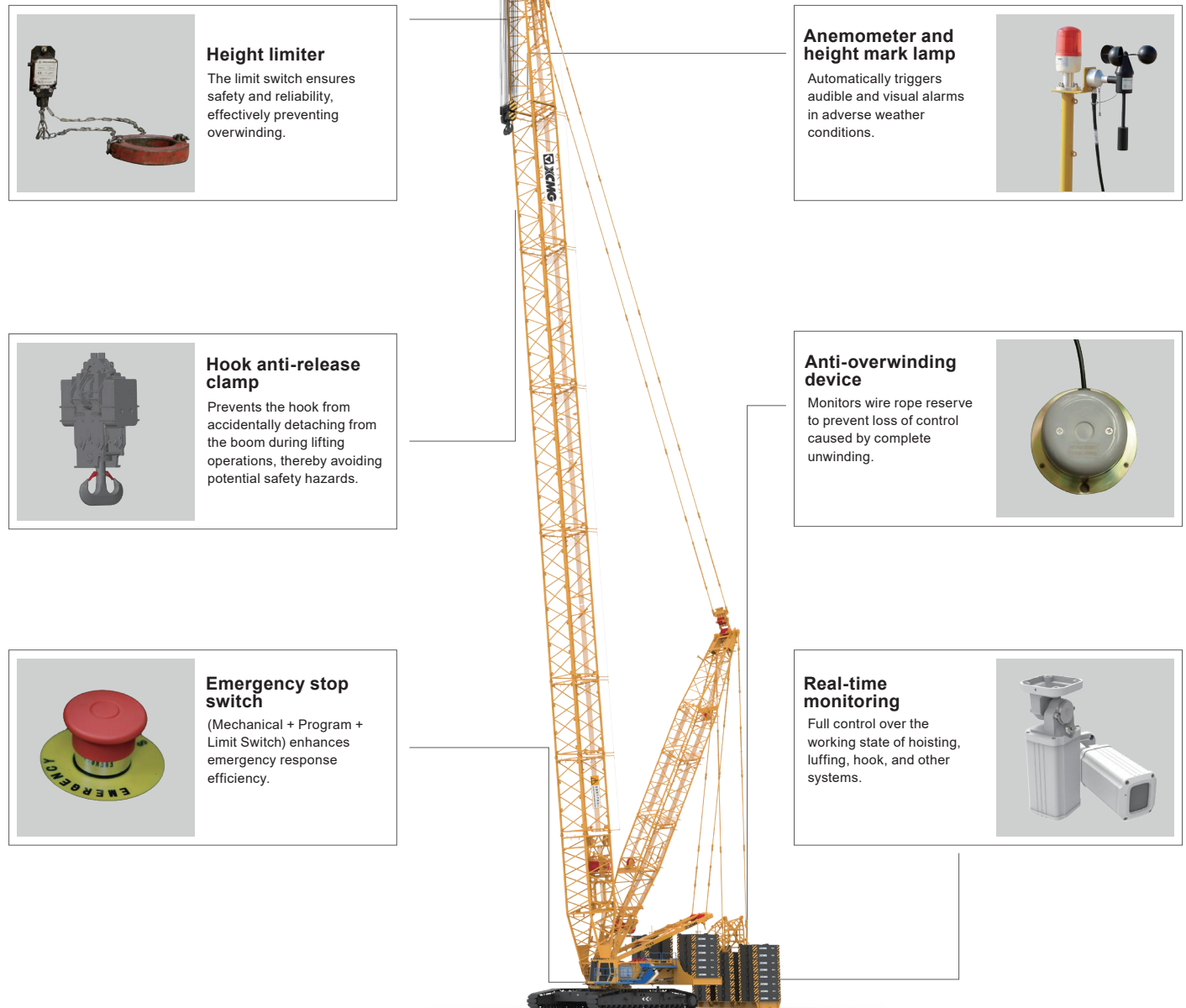
Centralized lubrication

- ▶ Reduces wear on key components and extends maintenance intervals.



03 Safety and Reliability

- ▶ **Fault self-diagnostic system:** Real-time anomaly detection improves troubleshooting efficiency by 50%.
- ▶ **Reliable quality system:** Lifetime structural safety design, premium manufacturing equipment, and 30 years of high-strength steel welding expertise.



04 Premium Comfort

Human-machine synergy: effortless operation with peace of mind
Spacious-view driver's cab for optimal human-machine interaction

- ▶ Red Star driver's cab; 1.25 m large space, wide view, independent high-temp air conditioner, excellent cooling/heating;



- ▶ The upgraded rear storage compartment features a capsule-style design, providing ample space for both work and personal items with excellent sealing performance.



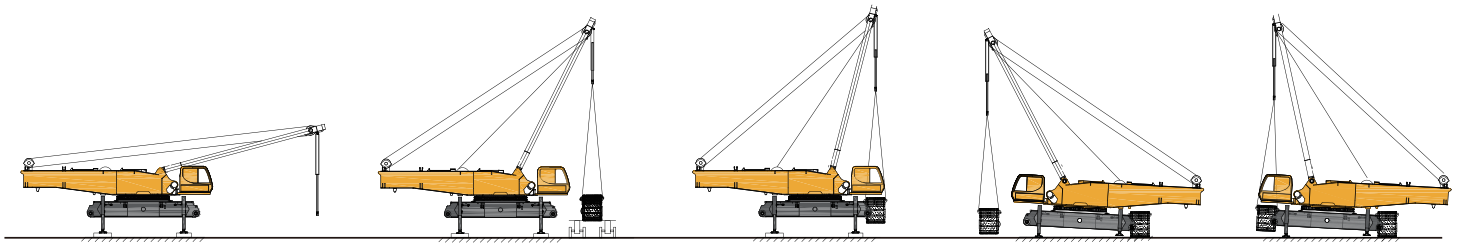
- ▶ The extra-wide driver's cab features a suspension seat with lumbar support adjustment to minimize operator back strain; the ultra-light textile cotton provides excellent breathability, suitable for diverse weather conditions.

- ▶ The ergonomically designed joystick provides comfortable grip and precise motion control. Its optimized button/switch layout enables swift coordinated operations.

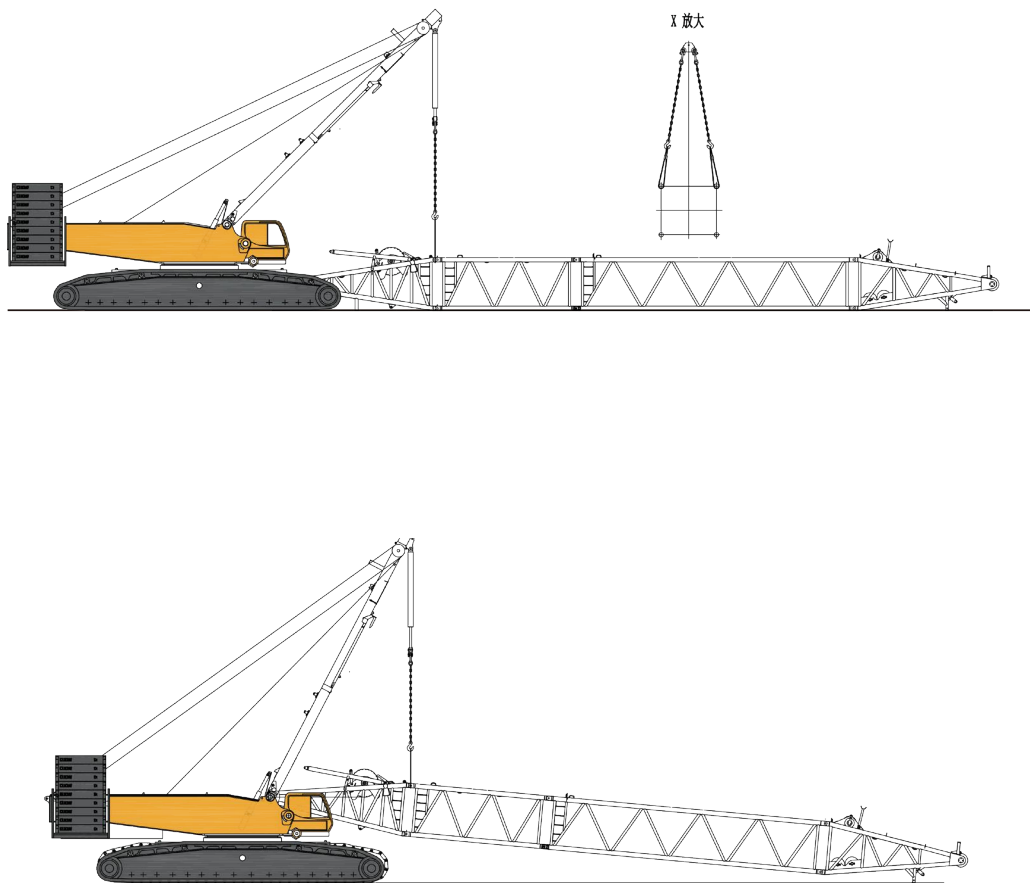


Assembly/Disassembly Solutions

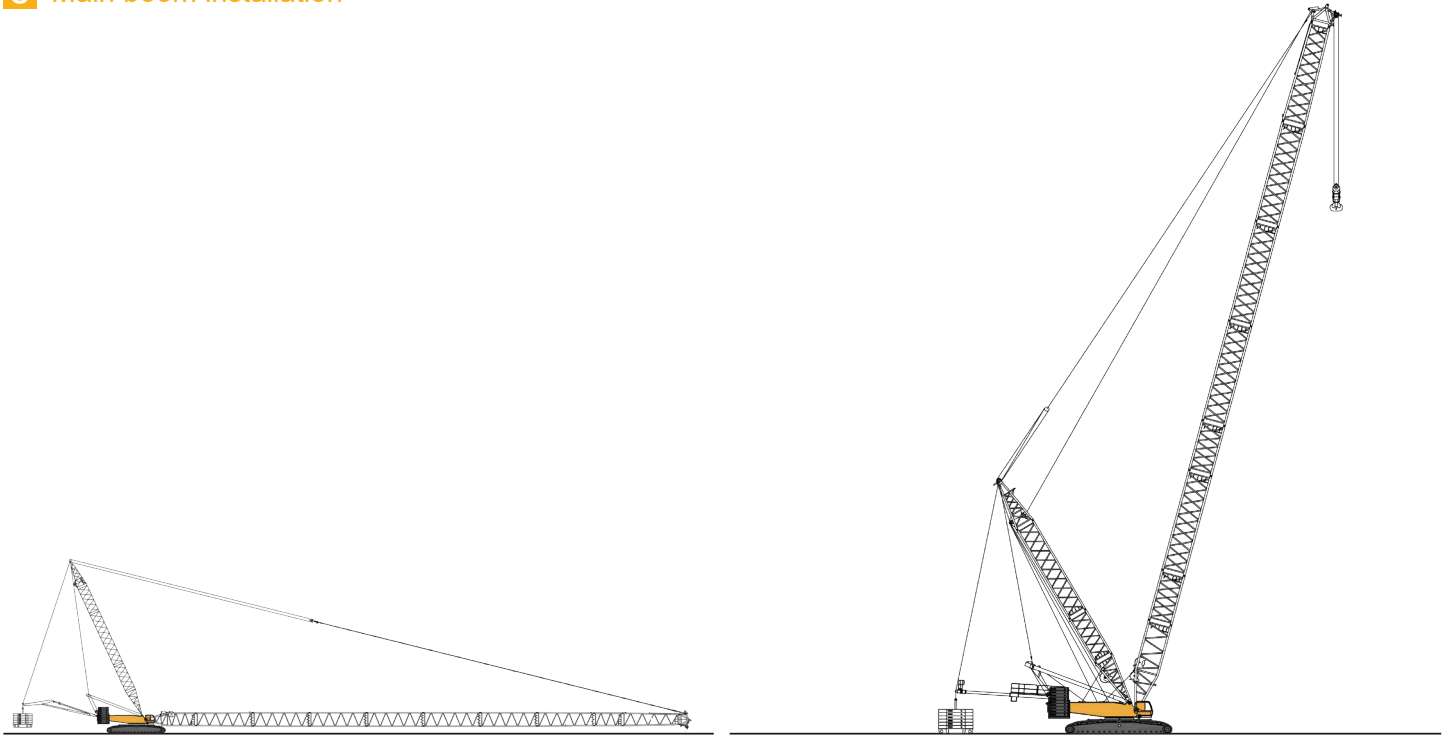
1 Self-assembly and disassembly of crawler beam



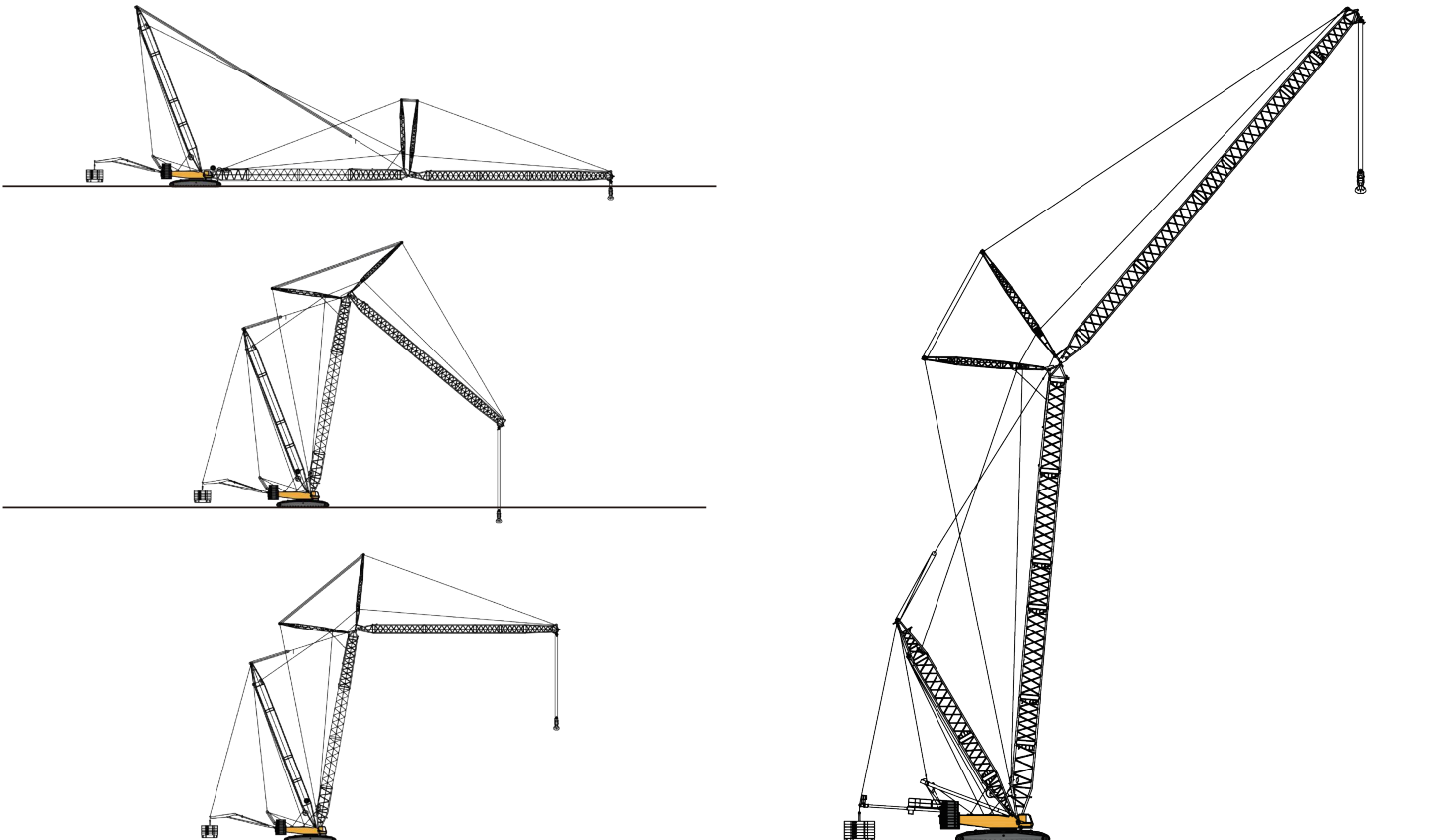
2 Superlift mast installation



3 Main boom installation

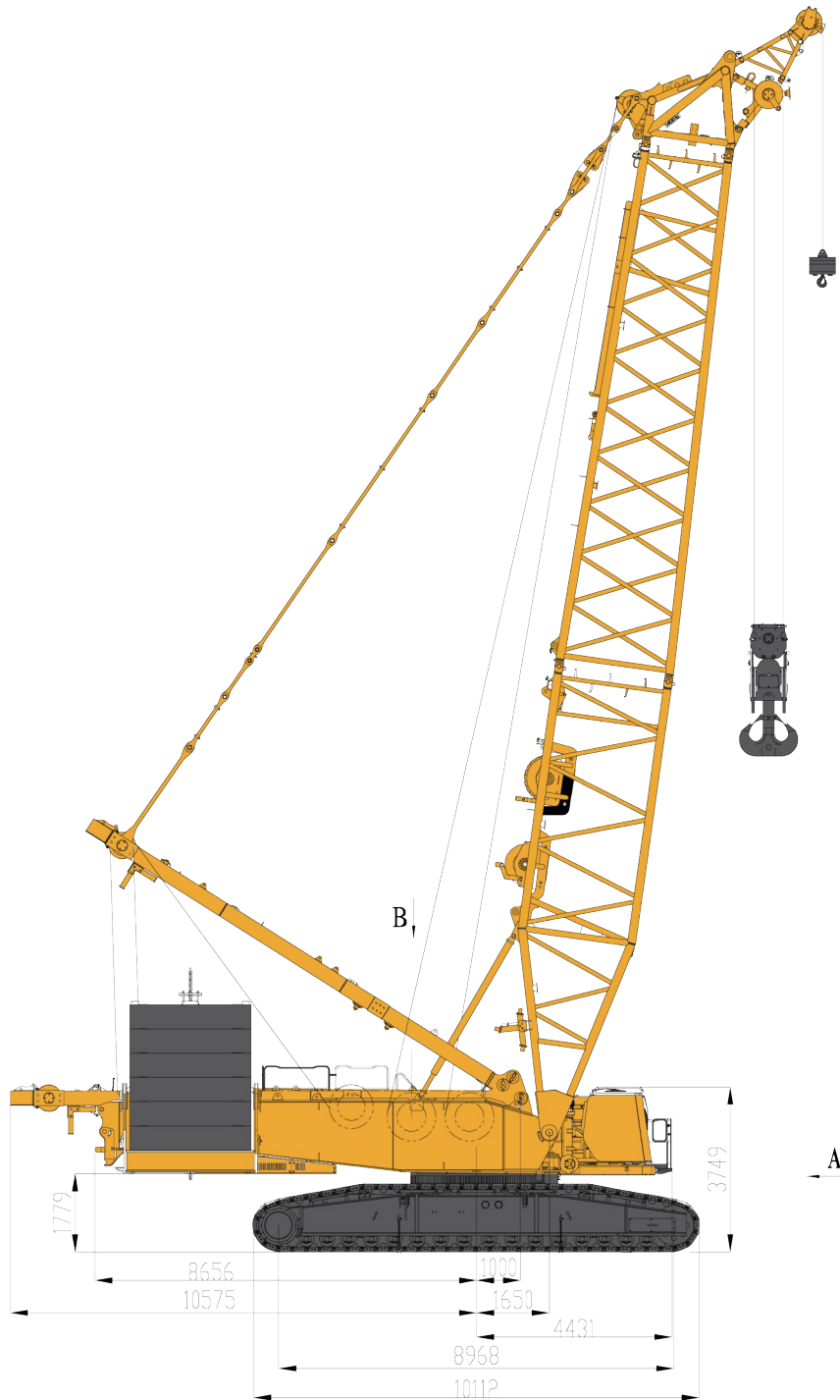


4 Superlift tower jib installation



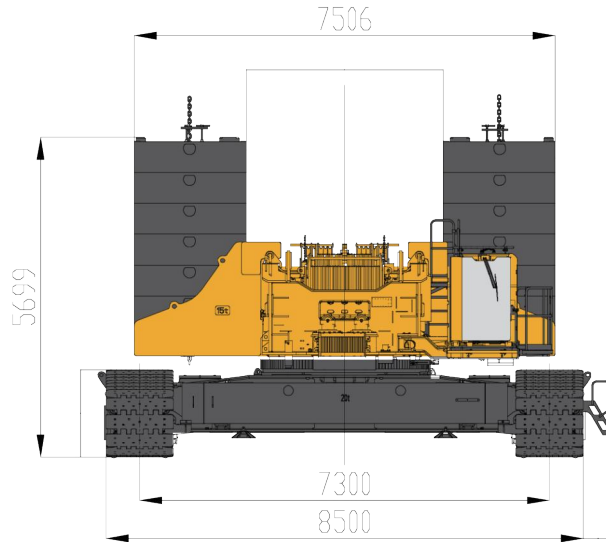
Dimensions

Without superlift device (standard operation mode)

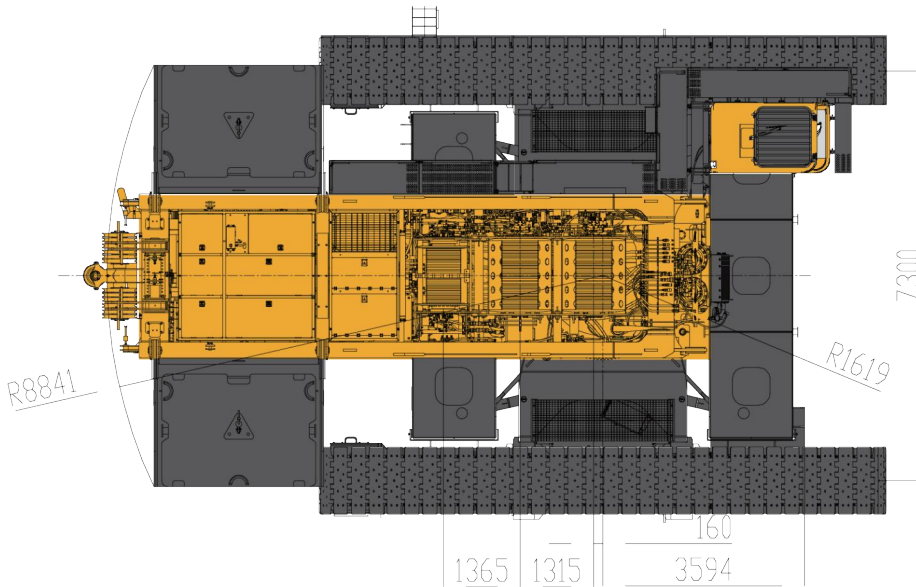


Without superlift device (standard operation mode)

Direction A Remove the boom, mast, etc.



Direction B Remove the boom, mast, etc.



Technical Specifications



Engine

- Brand/model: Weichai WP14TG765E304
- Emission Standard: Compliant with Non-Road Stage III Emission Regulations
- Rated power: 562 kW
- Rated speed: 1,900 rpm
- Maximum output torque: 2,900 N·m
- Speed at maximum output torque: 1,200~1,500 rpm
- Fuel tank capacity: 750 L



Hydraulic system

- It utilizes an electric proportional pump-controlled closed hydraulic system with volume adjustment, offering high transmission stability, precise speed control, and energy-efficient stability.
- All main actions such as hoisting, luffing and traveling are driven by closed pumps, which meet the switching and compound requirements of different actions through the main changeover valve. Other assistance system actions such as backstop, outrigger support, pin shaft insertion and extraction adopt constant pressure variable pump. Oil radiators, air conditioners and servo oil makeup use gear pumps as power sources.
- The main and auxiliary hoists, tower jib, and superlift luffing systems are driven by electric proportional variable displacement motors. The variable displacement motor+variable pump control system not only realizes a large speed regulation range, but also has the advantages of accurate regulation and good inching performance.

Hydraulic oil tank capacity: 1,200 L



Control system

- Control system: PLC-based program control ensures the hydraulic system's pilot control, torque limitation, height limit functions, guaranteeing safe and reliable crane operation.
- Operation: All operations utilize electro-hydraulic proportional control technology, managed through PLC logic control to effectively ensure the full functionality of the basic machine while embodying a human-centered design philosophy.



Car-body frame

- Composition: Consists of car-body, turntable, and track frame, all constructed with high-strength steel plates in box-type structures. Cross panels are installed to enhance torsional stiffness, featuring a simple yet robust design with excellent load-bearing capacity and structural stiffness.

 **Driver's cab**

- Design: The driver's cab adopts a steel frame structure, with tempered glass at the front for good sound insulation, high light transmittance, and a wide field of view.
- Comfort: Designed following ergonomic principles, the control system ensures low noise levels in the driver's cab, which is equipped with control devices, monitoring instruments, fire extinguishers, and a closed-circuit monitoring system. Equipped with sunshades, climate control air conditioning, and an audio system for a comfortable environment.
- Pitch adjustment: The driver's cab can be tilted upward by 20° as needed to enhance view. During transport, it can be rotated from the side to the front position to minimize transport width.

 **Slewing system**

- Slewing drive at turntable front, with two planetary reducers.
- Slewing brake: The planetary reducer employs a multi-disc brake system, ensuring reliable operation and easy maintenance.

 **Hoisting system**

- Built-in speed reducer, disc normally-closed brake, compact and reliable.
- Variable hydraulic motor, proportional control, precise fine motion performance.
- The drum features an optimized design that enables multi-layer reeving without rope disorder.
- Planetary reducer: low noise, high efficiency, long life, easy oil change.

Specification	Main hoisting system	Single-sheave hoisting system
Purpose	Hoisting of main hook	Single pulley hook hoisting
Wire rope diameter	28 mm	26 mm
Wire rope length	2×800 m	260 m
Rated single-line pull	16.6 t	13 t

 **Luffing system**

- Built-in speed reducer, disc normally-closed brake, compact and reliable.
- Ratchet locking device lock for double brake safety during long stops.
- Optimized drum design for multi-layer reeving without rope disorder; main luffing with double drum.
- Planetary reducer: low noise, high efficiency, long life, easy oil change.

Specification	Boom luffing system	Tower jib luffing system	Superlift luffing system
Purpose	Main boom luffing, superlift mast luffing	Jib luffing under standard superlift operation mode	Main boom luffing under superlift operation mode
Wire rope diameter	26 mm	26 mm	26 mm
Wire rope length	550 m	520 m	790 m
Rated single-line pull	18.1 t	14 t	17.6 t



Crawler track

- Track frame: The crawler beam features a box-type structure with reinforced connection points to the car-body, incorporating cross panels at the midsection.
- Drive system: Equipped with an integrated planetary gear reducer, with a variable displacement motor, allowing for both synchronized and independent operation to facilitate straight-line travel and turning around maneuvers.
- Track shoe: 1.2 m wide, manufactured from high-strength cast alloy steel.



Counterweight

- Car-body counterweight: 40 t (2×20 t).
- Turntable counterweight: 150 t in total (including 2×15 t counterweight tray and 12×10 t counterweight).
- Additional counterweight: 90 t in total (including 10 t counterweight tray and 8×10 t counterweight).
- Superlift counterweight: 190 t in total (including 1×10 t counterweight tray and 18×10 t counterweight slabs).
- A 230 t superlift counterweight requires 4 turntable counterweights; a 210 t superlift counterweight requires 2 turntable counterweights and a 200 t superlift counterweight requires 1.



Hook

- Five hook block options are available with the following specifications:

Item	Deadweight	Number of sheaves	Notes
400 t hook	6.8 t	2×7	Optional
320 t hook	6 t	2×5	—
200 t hook	4.2 t	7	—
50 t hook	2.5 t	1	—
16 t hook	0.9 t	—	—



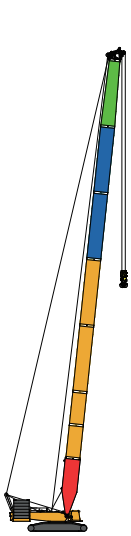
Safety devices

- Safety devices include load moment indicator, anemometer, gradiometer, slewing warning, travel warning, turntable slewing lock pin device, lifting boom backstop device, hoisting height limiter, hydraulic relief valve, balance valve, and two-way hydraulic lock.

Main Technical Parameters

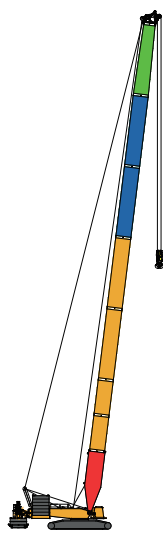
Item		Unit	Parameters	
Dimensions	Standard operation mode	Heavy-duty main boom length	m	24 ~ 84
		Light-duty main boom length	m	42 ~ 108
		Tower jib length	m	24 ~ 72
		TBM jib length	m	24+9
	Standard enhanced operation mode	Heavy-duty main boom length	m	24 ~ 84
		Light-duty main boom length	m	42 ~ 108
		Tower jib length	m	24~78
		TBM jib length	m	24+9
	Superlift operation mode	Heavy-duty main boom length	m	36~84 (optional 96)
		Light-duty main boom length	m	72 ~ 126
		Tower jib length	m	24 ~ 84
		TBM jib length	m	36+9
Maximum load moment		Standard operation mode	t·m	2765
		Standard enhanced operation mode	t·m	3128
		Superlift operation mode	t·m	5516
Speed parameters		Maximum single-line hoisting speed	m/min	140
		Maximum single-line speed for boom luffing	m/min	2×51
		Maximum single-line speed for tower jib luffing	m/min	105
		Maximum single-line speed for superlift luffing	m/min	120
		Maximum slewing speed (no load)	rpm	1.2
		Maximum travel speed	km/h	1.0
Overall crane weight (24 m heavy-duty main boom, 350 t hook)		t	343	
Mean ground pressure		MPa	0.16	
Gradeability (with basic boom)		%	20	

Operation Modes and Lifting Performance



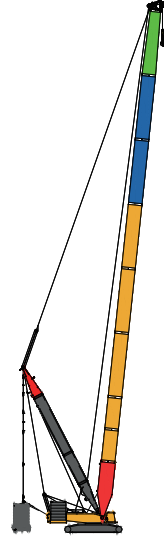
Standard heavy-duty main boom operation mode HB

Boom: 24~84 m



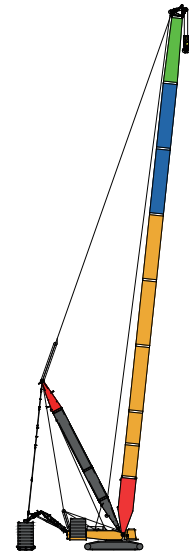
Enhanced main boom operation mode EHB

Main boom: 24~84 m



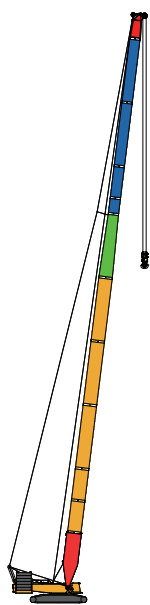
Superlift heavy-duty main boom operation mode SHB

Main boom: 36~84 m
Optional: 96 m



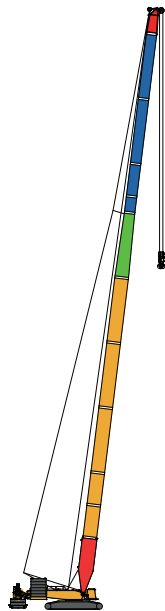
Superlift heavy-duty main boom operation mode SHB-T

Main boom: 36~84 m
Optional: 96 m



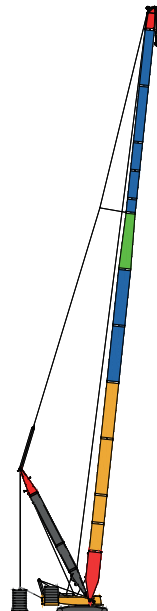
Standard light-duty main boom operation mode LB

Main boom: 48~108 m



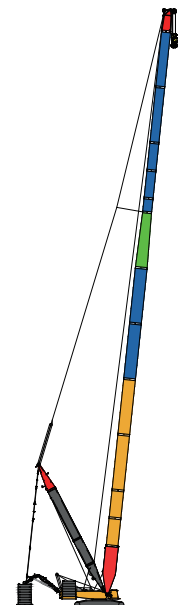
Enhanced light main boom operation mode ELB

Main boom: 42~108 m



Superlift light-duty boom operation mode SLB

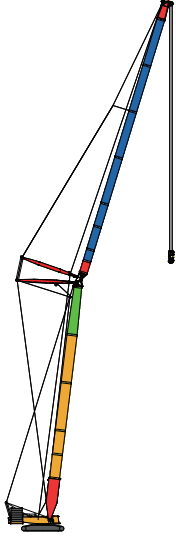
Main boom: 72~126 m



Superlift light-duty boom operation mode SLB-T

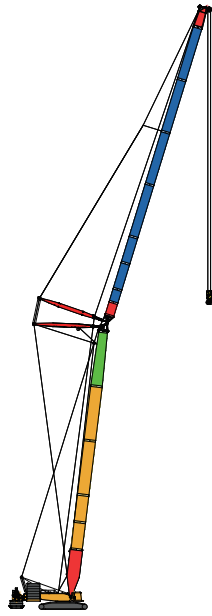
Main boom: 72~126 m

Operation Modes and Lifting Performance



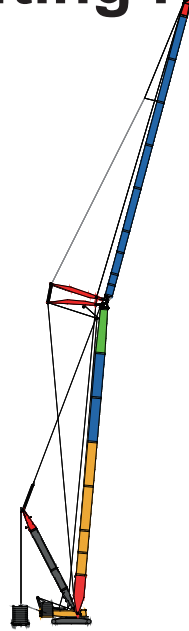
Standard tower jib operation mode HW

Main boom: 30~60 m
Tower jib: 24~72 m



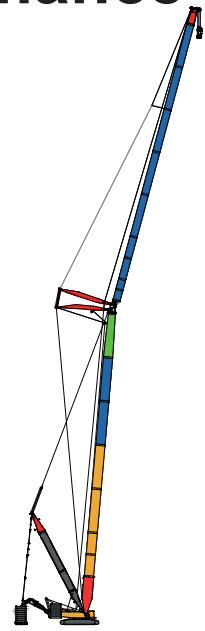
Enhanced tower jib operation mode EHW

Main boom: 36~66 m
Tower jib: 24~78 m



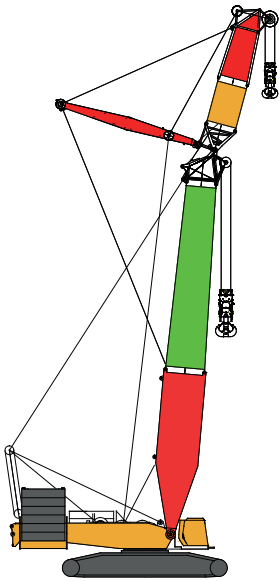
Superlift tower jib operation mode SHW

Main boom: 30~84 m
Tower jib: 24~84 m



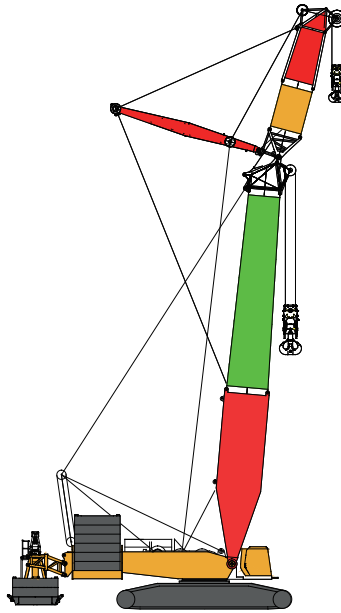
Superlift tower jib operation mode SHW-T

Main boom: 30~84 m
Tower jib: 24~84 m



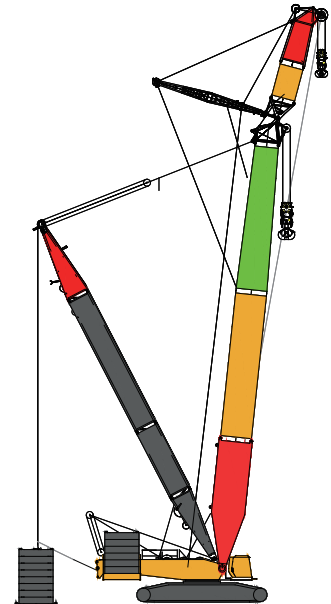
Standard TBM operation mode HFS

Boom: 24 m
Jib: 9 m



Enhanced TBM operation mode EHFS

Boom: 24 m
Jib: 9 m

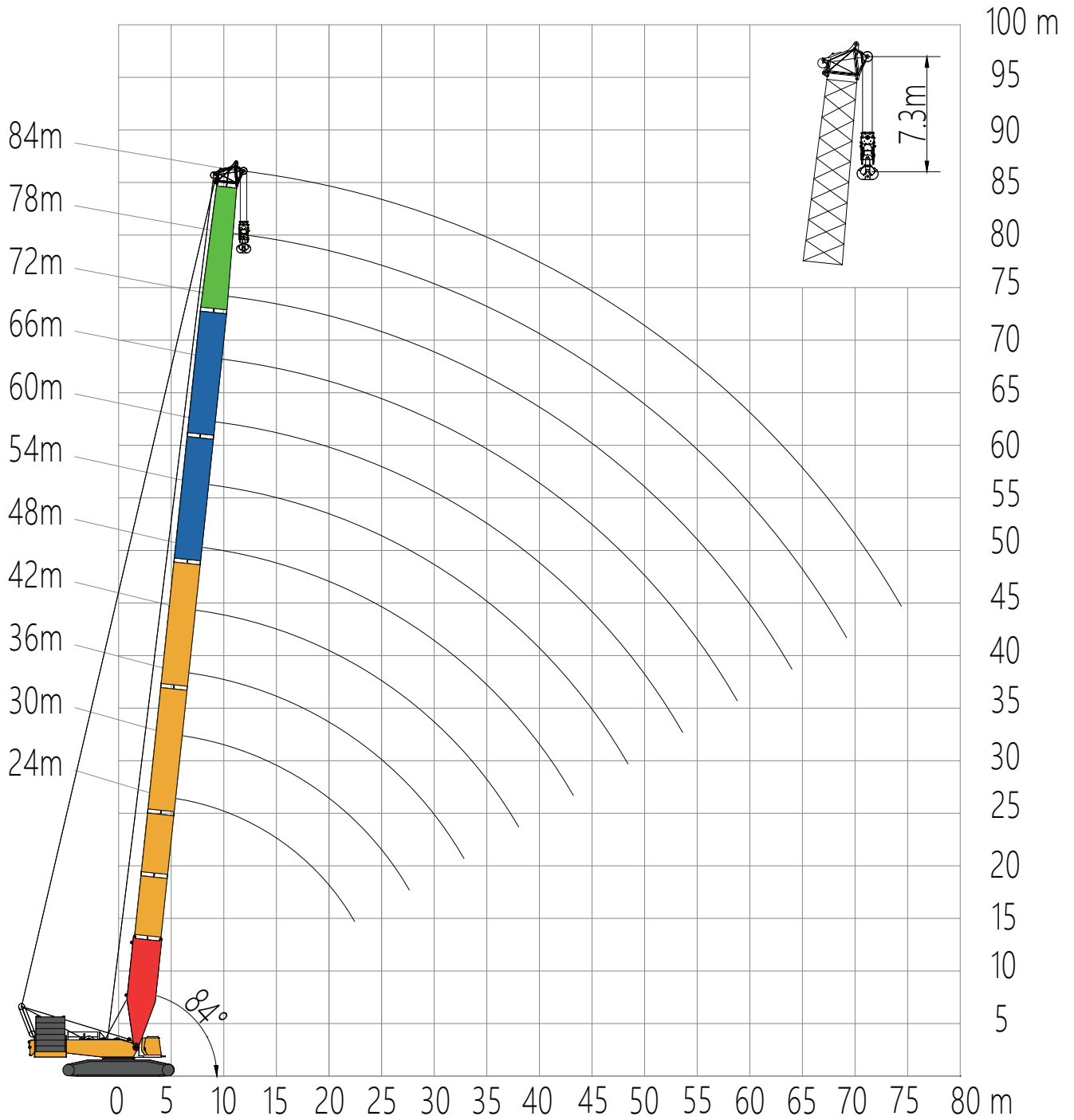


Superlift TBM operation mode SHFS

Boom: 36 m
Jib: 9 m

HB

Standard heavy-duty main boom

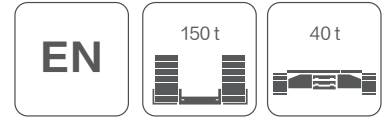


HB


Standard heavy-duty main boom combination

Boom length \ Boom combination code*	①	②	③	③	⑤	⑥	⑦	⑧
24m	1					1	1	1
30m	1	1				1	1	1
36m	1		1			1	1	1
42m	1	1	1			1	1	1
48m	1		1	1		1	1	1
54m	1	1	1	1		1	1	1
60m	1	2	1	1		1	1	1
66m	1	1	1	1	1	1	1	1
72m	1	2	1	1	1	1	1	1
78m	1	1	1	1	2	1	1	1
84m	1	2	1	1	2	1	1	1

HB



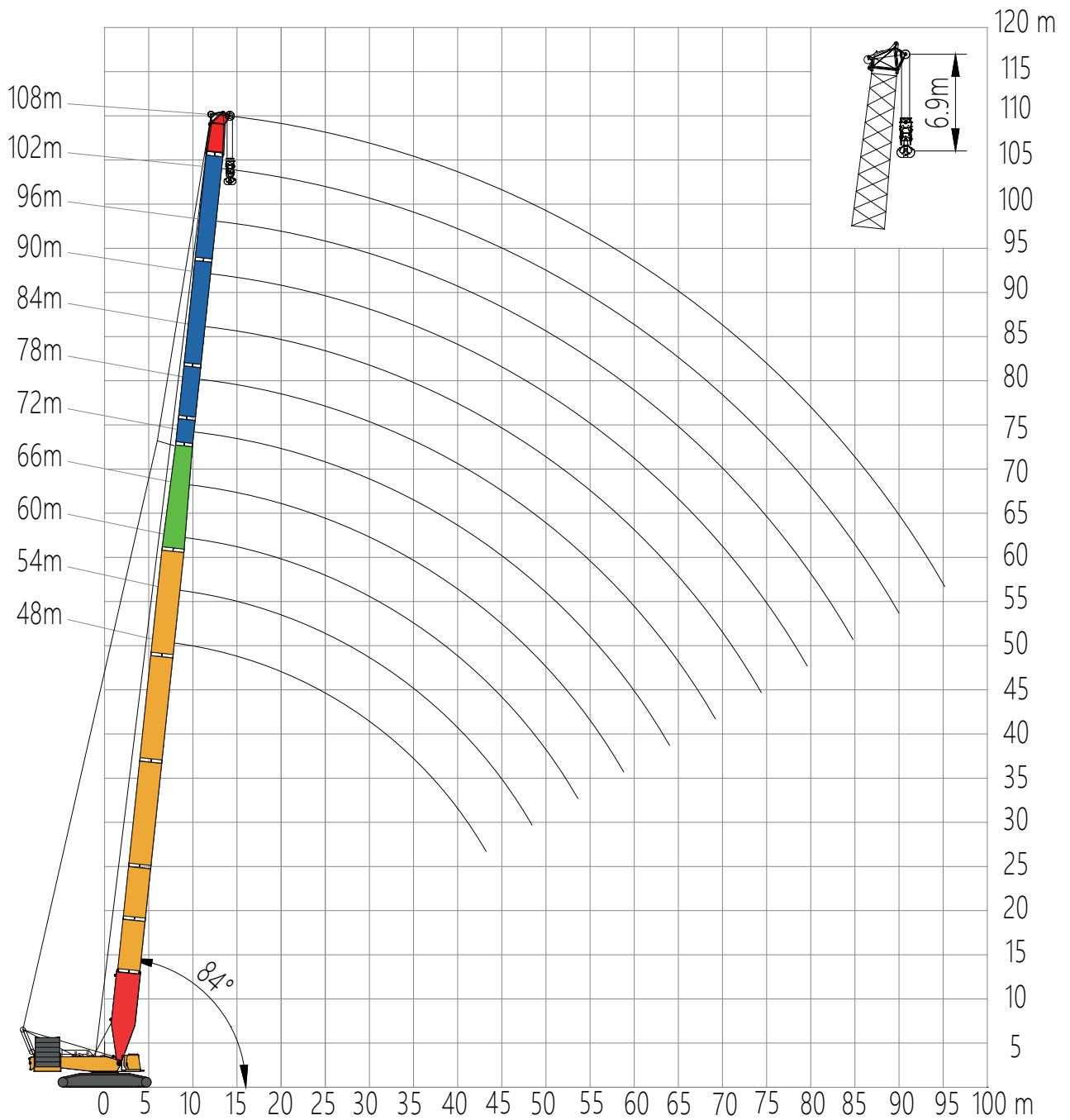
Boom: 24~84 m

Boom length (m)											
	24	30	36	42	48	54	60	66	72	78	84
6	450*	400*									
7	395*	395*	384*	357*							
8	344*	343*	326*	306*	288	272					
9	304*	300*	283*	267	253	240	228	217			
10	269*	262*	249*	237	225	214	204	195	187	179	
11	234*	228*	222	212	203	194	185	177	170	163	156
12	206*	202	197	192	184	176	169	162	156	150	144
13	183*	181	177	173	168	161	155	149	143	138	133
14	164	163	160	157	153	149	143	138	132	128	123
15	148	148	146	143	140	138	132	128	123	119	114
16	135	135	134	131	129	127	123	119	115	111	107
17	123	123	123	121	119	117	115	111	107	104	100
18	114	114	113	113	110	109	107	104	101	97.9	94.3
19	105	105	105	104	103	102	100	98.4	95.1	92.1	88.8
20	98.2	98.2	98	97.5	96.6	95.4	93.6	92.1	89.7	86.8	83.7
22	85.8	85.9	85.7	85.1	84.6	83.8	82.5	81.2	79.5	77.7	74.9
24		75.9	75.7	75.2	74.6	73.9	73.1	72.3	70.7	69.5	67.4
26		67.7	67.6	67	66.4	65.7	64.8	64.4	63.4	62.2	60.8
28		60.8	60.7	60.2	59.6	58.8	58	57.5	56.7	56.1	54.7
30			54.9	54.4	53.8	53	52.2	51.7	50.8	50.3	49.4
32			49.9	49.4	48.8	48	47.2	46.7	45.8	45.2	44.3
34				45.1	44.5	43.7	42.8	42.4	41.4	40.9	39.9
36				41.2	40.7	39.9	39	38.6	37.6	37	36.1
38				37.8	37.3	36.5	35.7	35.2	34.3	33.7	32.7
40					34.3	33.5	32.7	32.2	31.3	30.7	29.7
44						28.4	27.6	27.1	26.1	25.5	24.6
48							24.2	23.3	22.9	21.9	20.4
52								19.8	19.4	18.4	16.8
56									16.4	15.4	13.8
60										12.8	11.3
64										10.6	9
68											8
72											7.1
											5.3

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

LB

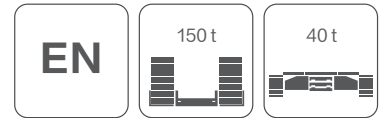
Standard light-duty main boom



LB

Standard light-duty main boom combination

Boom combination code*	①	②	③	③	⑤	⑥	⑨	⑪	⑫	⑬	⑭
48m	1	1	1			1	1				1
54m	1		1	1		1	1				1
60m	1	1	1	1		1	1				1
66m	1		1	1	1	1	1				1
72m	1	1	1	1	1	1	1				1
78m	1	2	1	1	1	1	1				1
84m	1	2	1	1	1	1	1	1			1
90m	1	2	1	1	1	1	1	2			1
96m	1	2	1	1	1	1	1	1	1		1
102m	1	2	1	1	1	1	1	2	1		1
108m	1	2	1	1	1	1	1	1	1	1	1



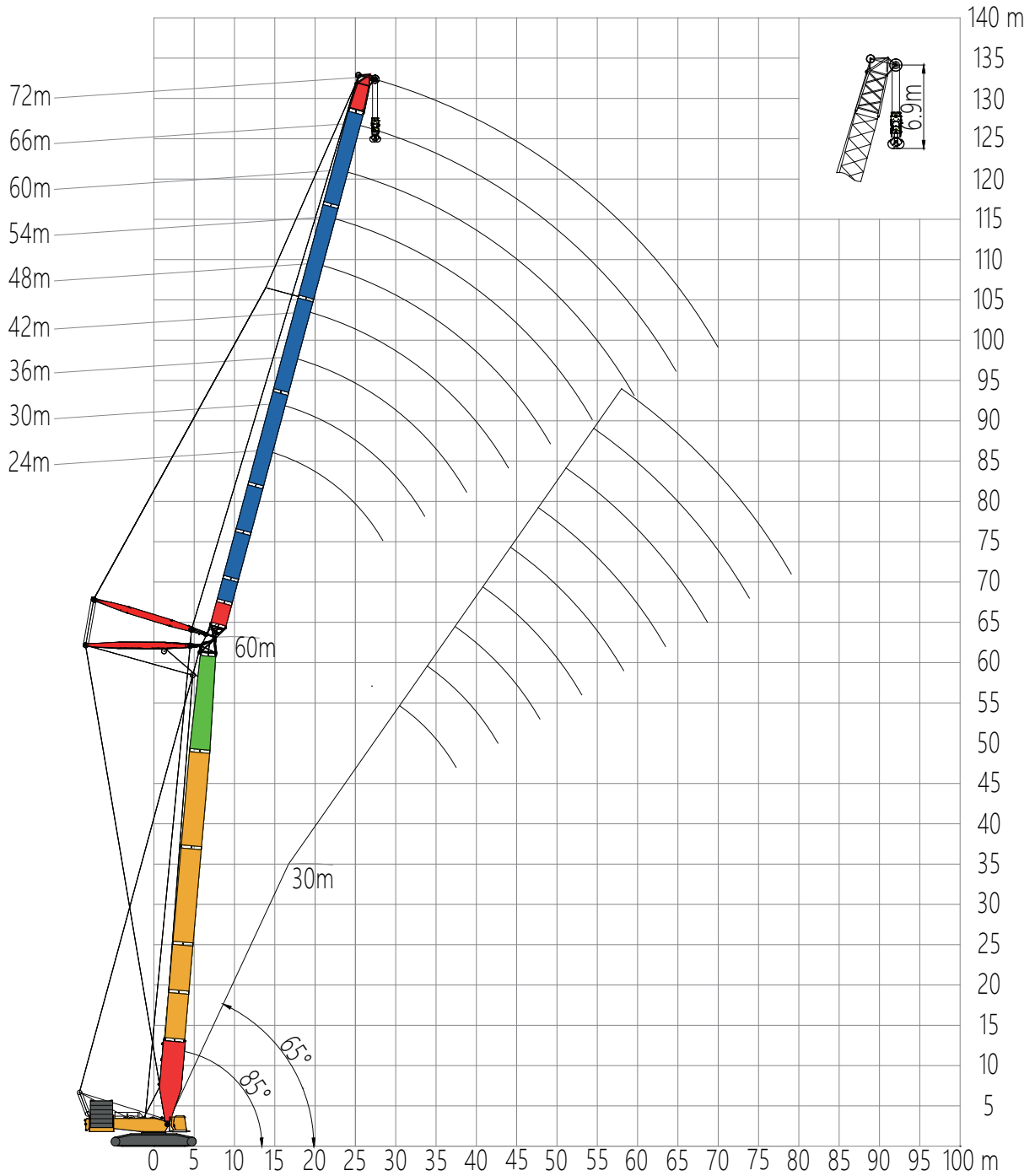
Main boom: 48~108 m

	Boom length (m)											
	48	54	60	66	72	78	84	90	96	102	108	
8	200*	193*										
10	200*	193*	165	151	137	123						
12	187	182*	165	151	137	123	123	108	108	93.9		
14	155	154	146	141	136	123	123	108	108	93.9	90	
16	131	132	126	122	118	114	110	107	104	93.9	87.1	
18	113	114	109	107	104	100	98	95.4	92.8	90.2	84.4	
20	99.1	100	96.1	94.5	92.6	89.7	87.4	85.2	83	80.7	78.8	
22	87.4	88.8	85.2	83.7	82	80.3	78.6	76.6	74.7	72.7	71.1	
24	77.5	78.8	76	74.9	73.3	71.7	70.8	69.4	67.7	65.9	64.4	
26	69.3	70.5	67.8	67.3	66	64.5	63.7	62.8	61.7	60	58.7	
28	62.5	63.7	61	60.4	59.6	58.4	57.6	56.8	56	54.9	53.7	
30	56.7	57.8	55.2	54.6	53.8	52.8	52.4	51.7	51	50.1	49.3	
32	51.8	52.8	50.2	49.7	48.8	47.8	47.7	47.2	46.5	45.7	45.1	
34	47.5	48.5	45.9	45.3	44.4	43.5	43.3	43.1	42.6	41.9	41.3	
36	43.7	44.7	42.1	41.5	40.6	39.7	39.5	39.3	39	38.5	37.9	
38	40.3	41.3	38.8	38.2	37.3	36.3	36.1	35.9	35.7	35.3	34.9	
40	37.3	38.3	35.8	35.2	34.3	33.3	33.1	32.9	32.7	32.3	32.1	
44		33.1	30.7	30.1	29.2	28.2	28	27.8	27.5	27.2	27	
48		28.8	26.5	25.9	25	24	23.8	23.6	23.3	23	22.8	
52			23	22.4	21.5	20.5	20.3	20	19.8	19.5	19.3	
56				19.5	18.5	17.6	17.3	17.1	16.9	16.5	16.3	
60					16	15	14.8	14.5	14.3	13.9	13.8	
64					13.7	12.8	12.6	12.3	12.1	11.7	11.5	
68						10.8	10.6	10.3	10.1	9.8	9.6	
72							8.9	8.6	8.4	8	7.9	
76								7.1	6.9	6.5	6.3	
80								5.6	5.5	5.1	5	
84									4.2	3.9	3.7	

Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

HW

Standard tower jib



HW

Standard tower main boom combination

Boom combination code* / Boom length	①	②	③	③	⑥	⑦	⑧
30m	1	1			1	1	1
36m	1	1	1		1	1	1
42m	1	1	1		1	1	1
48m	1		1	1	1	1	1
54m	1	1	1	1	1	1	1
60m	1	2	1	1	1	1	1

Note: *Refer to the appendix on the last page for details

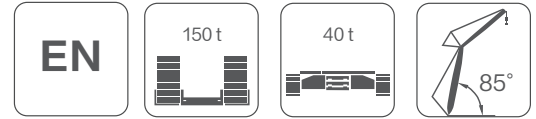
Standard tower jib combination

Boom combination code* / Boom length	⑮	⑨	⑩	⑪	⑫	⑬	⑯	⑭
24m	1	1	1		1			1
30m	1	1	1	1	1			1
36m	1	1	1	2	1			1
42m	1	1	1	1	2			1
48m	1	1	1	2	2			1
54m	1	1	1	1	2	1		1
60m	1	1	1	1	2	1		1
66m	1	1	1	1	2	1	1	1
72m	1	1	1	2	2	1	1	1

Note: *Refer to the appendix on the last page for details

HW

Main boom: 30~36 m Jib: 24~72 m

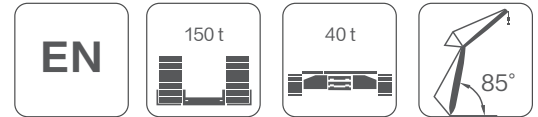


	30									36								
	24	30	36	42	48	54	60	66	72	24	30	36	42	48	54	60	66	72
14	162	156								155								
16	141	137	132							136	132							
18	123	121	117	114						121	117	114	110					
20	109	107	105	103	100					107	105	102	99.9	96.9				
22	97.6	96.2	94.5	93	91	88.5	82.9			96.2	94.8	93.2	90.9	88.2	85.9			
24	87.2	87	85.5	84.2	82.7	81.2	78.9	71.4		86.9	85.8	84.3	83	80.9	78.8	76.5	69.8	
26	78.5	78.6	77.9	76.7	75.4	74.2	72.7	70.6	60.7	78.4	78.3	76.9	75.7	74.4	72.7	70.6	68.5	59.6
28		71.5	71	70.4	69.2	68.1	66.9	65.3	60.4		71.3	70.6	69.5	68.3	67.2	65.5	63.5	59.3
30		65.4	65	64.6	63.8	62.8	61.7	60.4	59		65.2	64.8	64.2	63	62	60.9	59.1	57.3
32			59.8	59.5	58.9	58.2	57.1	56	54.9		60	59.6	59.2	58.4	57.5	56.4	55.2	53.5
34			55.3	55	54.4	54	53.1	52	51			55.1	54.8	54.2	53.5	52.5	51.4	50.1
36			51.3	51	50.5	50	49.4	48.5	47.5			51.1	50.8	50.3	49.8	49	47.9	46.9
38				47.5	47	46.6	46	45.3	44.4				47.4	46.8	46.4	45.8	44.8	43.9
40				44.4	43.9	43.5	42.9	42.2	41.6				44.2	43.7	43.3	42.7	42	41.1
42					41.1	40.7	40.1	39.4	38.8				41.4	40.9	40.5	39.9	39.2	38.6
44					38.6	38.2	37.6	37	36.3					38.4	38	37.4	36.8	36.1
46					36.3	35.9	35.4	34.7	34.1					36.1	35.8	35.2	34.5	33.9
48						33.9	33.3	32.6	32						33.7	33.1	32.5	31.8
50							32	31.4	30.8	30.1					31.8	31.3	30.6	30
52							30.2	29.7	29	28.4					30.1	29.5	28.9	28.3
54								28.1	27.4	26.8						27.9	27.3	26.7
56								26.6	26	25.4						26.4	25.8	25.2
58									24.6	24						25.1	24.5	23.8
60									23.3	22.7							23.2	22.6
62									22.1	21.5							22	21.4
64										20.4								20.3
66										19.4								19.3
68																		18.3

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

HW

Main boom: 42~48 m Jib: 24~72 m

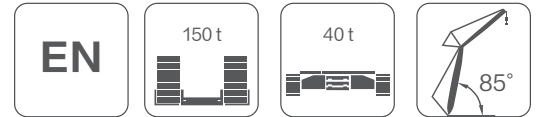


	42									48								
	24	30	36	42	48	54	60	66	72	24	30	36	42	48	54	60	66	72
14	149									143								
16	131	127								126	122							
18	117	113	110							113	109	106						
20	105	102	99.4	96.6	93.7					102	99.2	96.1	93.4					
22	94.8	93.4	90.6	88.1	85.5	83.2				93	90.4	87.7	85.3	82.7	80.5			
24	85.9	84.6	83.1	80.9	78.5	76.4	74.2			84.6	83.1	80.5	78.3	76	74	71.4		
26	78.1	77.2	75.9	74.7	72.4	70.6	68.5	65.8	56.6	77.2	76.1	74.4	72.4	70.2	68.4	66.4	62	
28		71	69.7	68.6	67.2	65.5	63.5	61.6	56.3		70	68.7	67.2	65.2	63.5	61.6	59.7	53.4
30		65	64.4	63.4	62.2	61	59.2	57.3	55.6		64.7	63.5	62.5	60.8	59.2	57.4	55.6	53.2
32		59.7	59.4	58.8	57.7	56.7	55.3	53.6	51.9		59.5	59	58	56.9	55.4	53.7	51.9	50.3
34			54.9	54.5	53.7	52.8	51.8	50.2	48.6			54.6	54.1	53	51.9	50.3	48.7	47.1
36			50.9	50.6	50	49.4	48.3	47.2	45.7			50.7	50.3	49.6	48.7	47.3	45.7	44.3
38				47.1	46.6	46.1	45.3	44.2	43			47.2	46.9	46.3	45.6	44.6	43.1	41.6
40				44	43.5	43.1	42.4	41.5	40.5				43.8	43.2	42.8	41.9	40.7	39.3
42				41.3	40.7	40.3	39.7	39	38.1				41	40.5	40.1	39.4	38.5	37.1
44					38.2	37.8	37.2	36.5	35.9					38	37.6	37	36.3	35.1
46					36	35.6	35	34.3	33.7					35.7	35.3	34.7	34	33.3
48					33.9	33.5	32.9	32.3	31.6					33.7	33.3	32.7	32	31.4
50						31.6	31.1	30.4	29.8						31.4	30.9	30.2	29.5
52						29.9	29.4	28.7	28.1						29.7	29.1	28.5	27.8
54							27.8	27.1	26.5							27.6	26.9	26.3
56							26.3	25.6	25							26.1	25.4	24.8
58							24.9	24.3	23.7							24.7	24.1	23.5
60								23	22.4								22.8	22.2
62								21.8	21.2								21.7	21.1
64									20.1								20.6	20
66									19.1									18.9
									18.1									18

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

HW

Main boom: 54~60 m Jib: 24~72 m

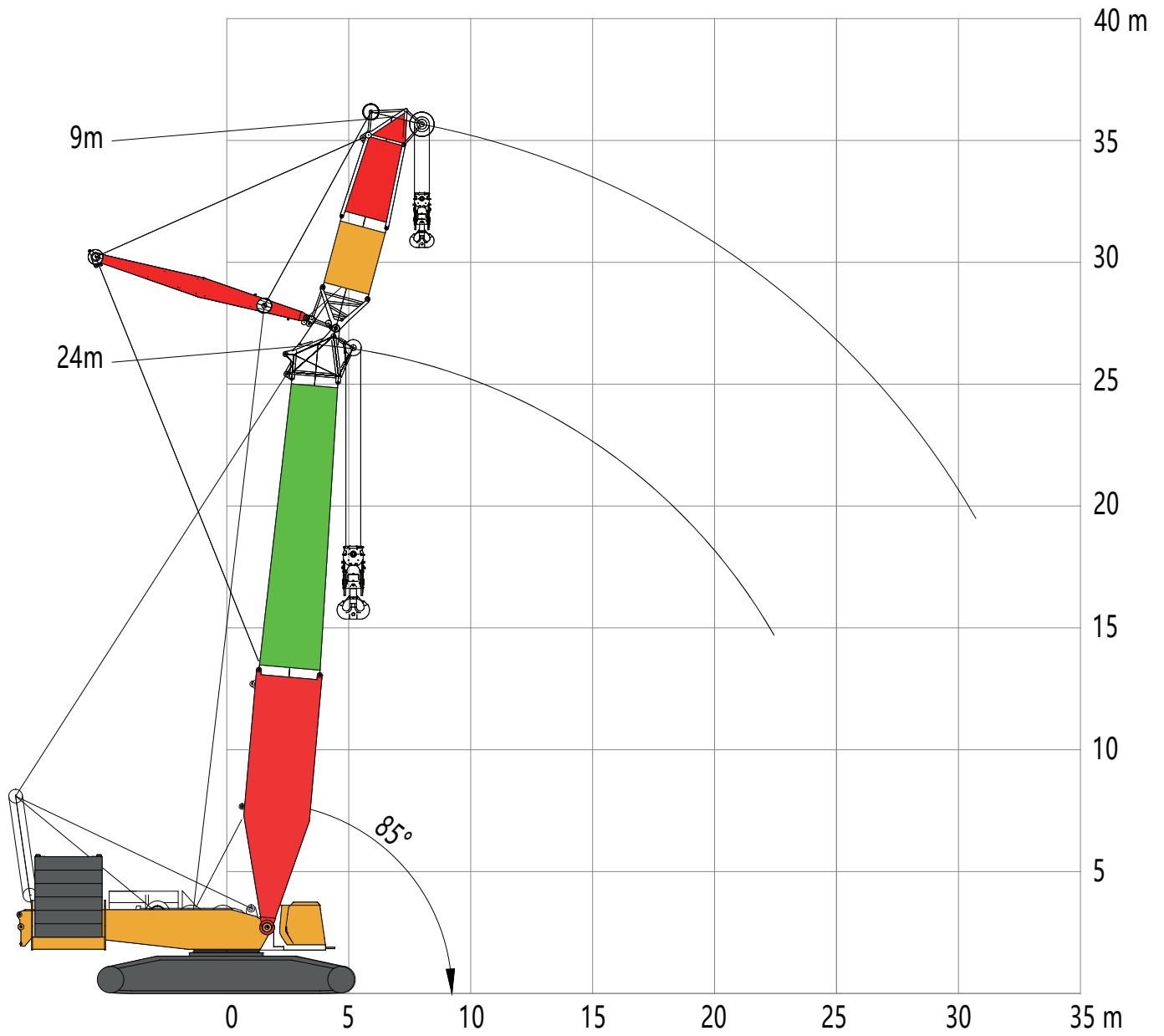


	54									60								
	24	30	36	42	48	54	60	66	72	24	30	36	42	48	54	60	66	72
16	121									116								
18	108	105	102							104	101							
20	98.6	95.8	92.8	90.2						95.1	92.4	89.5	86.9					
22	89.9	87.5	84.8	82.4	79.9					86.8	84.4	81.8	79.5	77.1				
24	82.7	80.4	78	75.8	73.5	71.5	66.7			79.9	77.7	75.3	73.2	71	69			
26	76.1	74.4	72.1	70.1	68	66.2	64.2	58.3		73.9	71.9	69.7	67.8	65.7	63.9	61.8	54.5	
28	70	69	67	65.2	63.2	61.5	59.6	57.7	50.4	68.8	66.9	64.8	63	61.1	59.4	57.6	54.2	47.4
30		63.8	62.5	60.8	58.9	57.3	55.6	53.8	50.2		62.5	60.5	58.9	57	55.4	53.7	51.9	47.2
32		59.2	58.2	56.9	55.1	53.7	52	50.3	48.6		58.4	56.7	55.1	53.4	51.9	50.2	48.5	46.9
34			54.3	53.3	51.8	50.4	48.8	47.1	45.6		54.3	53.3	51.8	50.1	48.7	47.2	45.5	44
36			50.4	49.9	48.7	47.4	45.9	44.3	42.8			50	48.8	47.2	45.9	44.4	42.8	41.3
38			46.9	46.6	45.8	44.7	43.2	41.7	40.3			46.6	46.1	44.6	43.3	41.8	40.3	38.9
40				43.5	42.9	42.3	40.9	39.4	38				43.2	42.2	40.9	39.5	38.1	36.7
42				40.8	40.2	39.8	38.7	37.3	35.9				40.5	39.9	38.8	37.4	36	34.7
44				38.3	37.7	37.3	36.7	35.3	34				38	37.4	36.8	35.5	34.1	32.8
46					35.5	35.1	34.5	33.5	32.2					35.2	34.8	33.7	32.4	31.1
48					33.5	33.1	32.5	31.8	30.6					33.2	32.8	32	30.7	29.5
50						31.2	30.6	29.9	29						30.9	30.3	29.2	28
52						29.5	28.9	28.2	27.6						29.2	28.6	27.8	26.6
54						27.9	27.3	26.7	26						27.7	27.1	26.4	25.3
56							25.9	25.2	24.6							25.6	25	24.1
58							24.5	23.9	23.2							24.3	23.6	23
60								22.6	22							23	22.4	21.8
62								21.5	20.8								21.2	20.6
64								20.4	19.8								20.1	19.5
66									18.7									18.5
68									17.8									17.6
70									16.9									16.7

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

HFS

Standard TBM operation mode



HFS

Main boom combination for shield construction

Boom combination code*	①	⑥	⑦	⑧
Boom length	1	1	1	1
24m	1	1	1	1

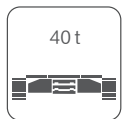
Note: *Refer to the appendix on the last page for details

TBM jib boom combination

Boom combination code*	⑮	⑨	⑭
Boom length	1	1	1
9m	1	1	1

Note: *Refer to the appendix on the last page for details

Boom: 24 m Jib: 9 m



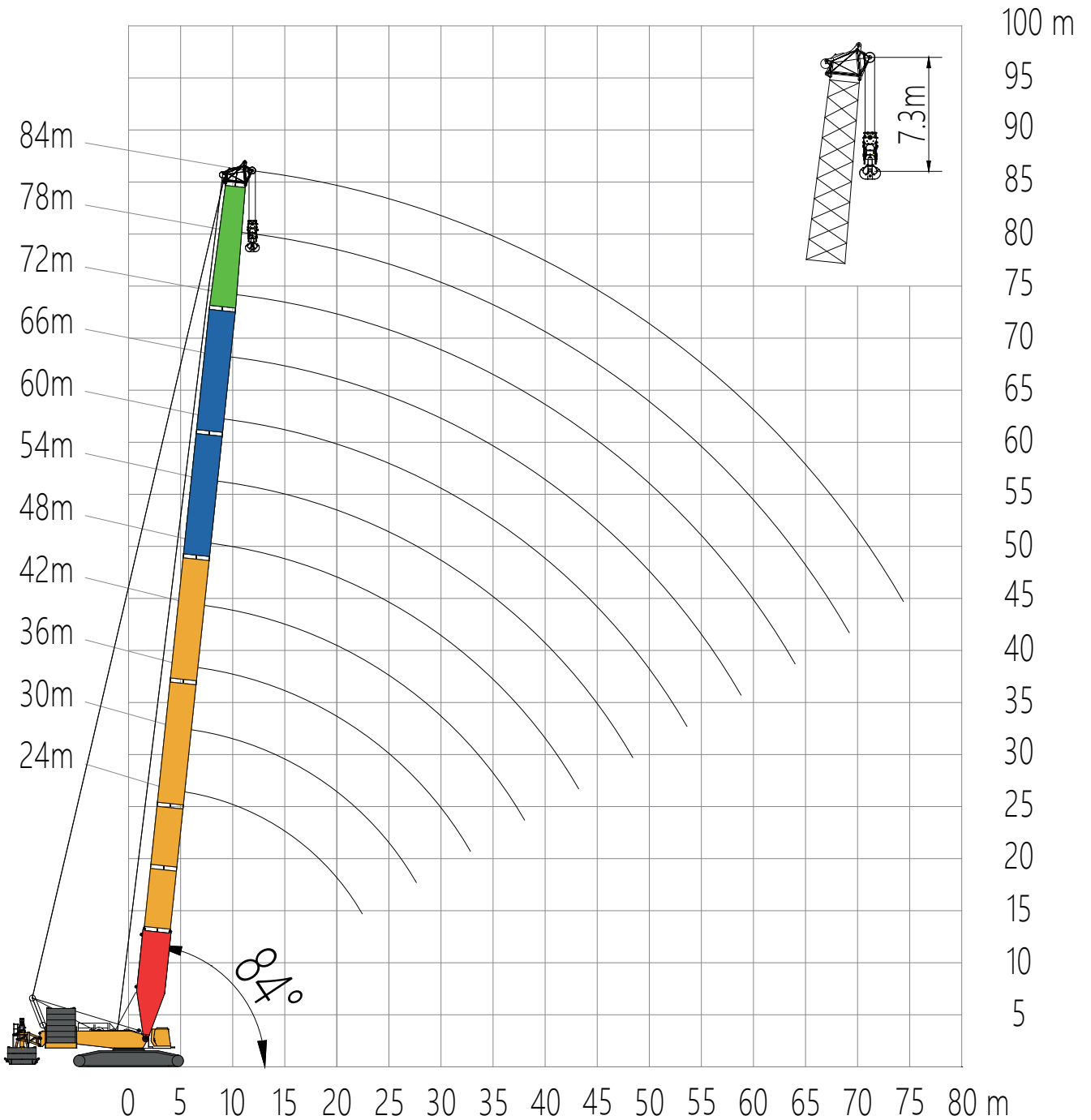
Standard TBM operation mode

Main boom angle	Main hook radius	Main hook load	Auxiliary hook radius	Auxiliary hook load	Main and auxiliary hooks Combined lifting
83.03	6	400	9.1	200	364.0
80.6	7	382	10.5	200	311.4
78.14	8	329	11.9	200	271.5
75.66	9	289	13.3	171	230.5
73.14	10	255	14.6	149	198.6
70.57	11	219	16.0	130	172.5
67.96	12	195	17.4	114	151.5
65.29	13	168	18.7	101	134.6
62.55	14	148	20.1	91.1	120.8
59.73	15	132	21.5	82.1	109.2
56.81	16	118	22.8	74.4	99.3
53.78	17	107	24.2	67.7	90.9
50.61	18	97.3	25.5	61.8	83.5
47.27	19	88.7	26.8	56.6	77.1
43.71	20	81.1	28.2	52	71.3
39.87	21	74.4	29.5	47.8	66.2
35.64	22	68.4	30.8	44.1	61.6

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
- 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
- 3. The mark "***" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

EHB

Enhanced heavy-duty main boom

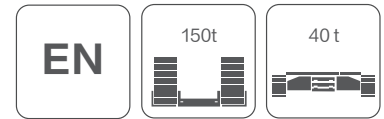


EHB

Enhanced heavy-duty main boom combination

Boom combination code*	①	②	③	④	⑤	⑥	⑦	⑧
24m	1					1	1	1
30m	1	1				1	1	1
36m	1		1			1	1	1
42m	1	1	1			1	1	1
48m	1		1	1		1	1	1
54m	1	1	1	1		1	1	1
60m	1	2	1	1		1	1	1
66m	1	1	1	1	1	1	1	1
72m	1	2	1	1	1	1	1	1
78m	1	1	1	1	2	1	1	1
84m	1	2	1	1	2	1	1	1

EHB



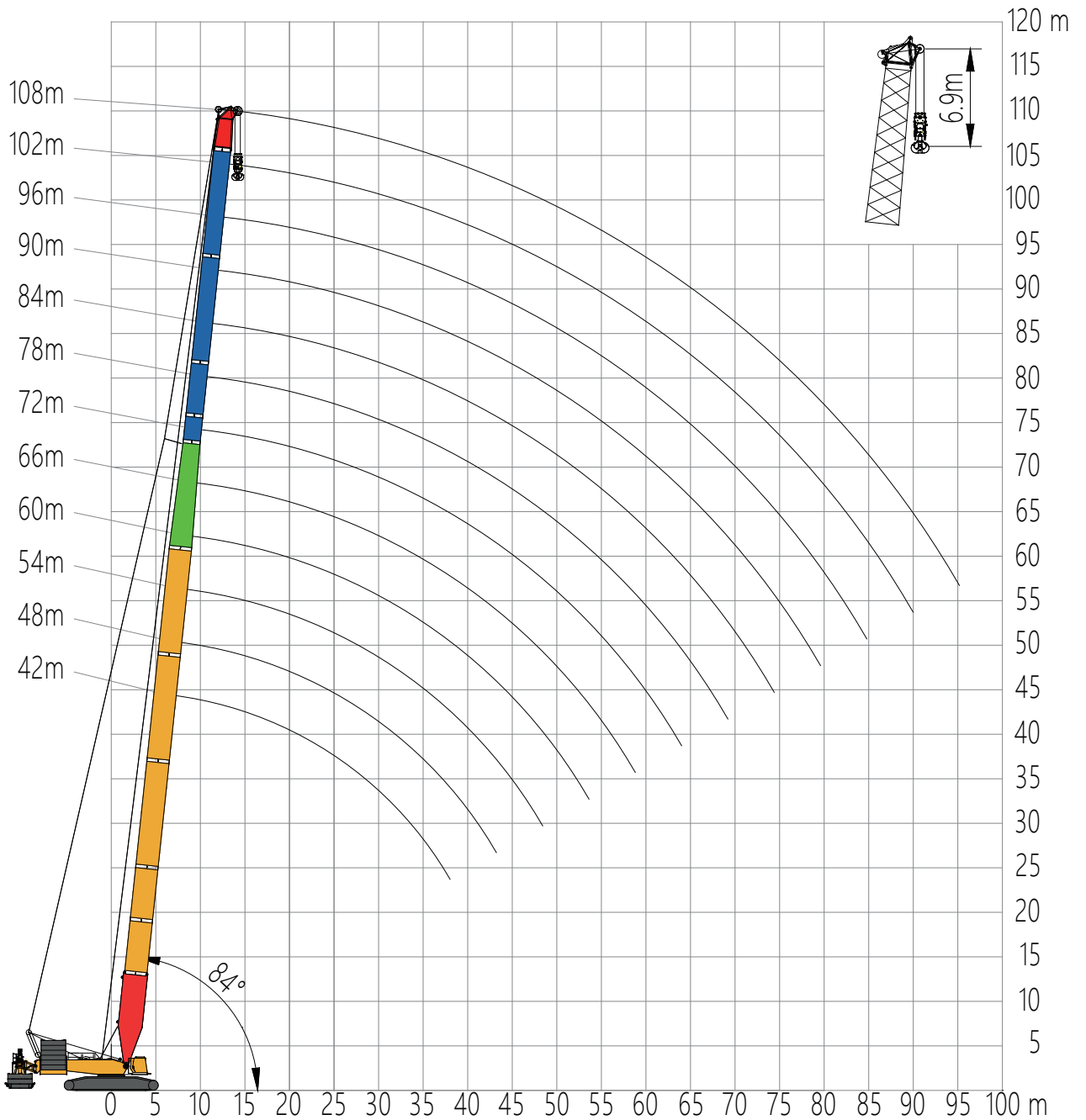
Main boom: 24~84 m; Additional counterweight 70 t

Boom length (m)											
	24	30	36	42	48	54	60	66	72	78	84
6	450*	400*									
7	400*	400*	400*	400*							
8	391*	379*	368*	356*	345	335					
9	341*	350*	340*	313	304	296	289	273			
10	301*	294*	286*	279	271	265	259	253	238	198	
11	270*	264*	258	251	245	239	234	229	224	195	168
12	244*	239	234	228	223	218	213	209	204	192	165
13	223*	219	214	209	204	199	195	191	188	184	162
14	205	201	197	192	188	184	180	177	173	170	160
15	189	186	182	178	174	170	167	164	161	158	154
16	176	173	169	166	162	159	155	153	149	147	144
17	164	161	158	155	151	148	145	143	140	137	134
18	153	151	148	145	142	139	136	134	131	129	126
19	144	142	139	136	134	131	128	126	123	121	118
20	135	134	131	129	126	123	121	118	116	114	112
22	120	120	118	115	113	110	108	106	104	102	100
24		108	106	104	102	99.9	97.7	95.9	93.8	92.1	90
26		98.1	96.9	94.9	93	90.8	88.6	87.1	85	83.4	81.5
28		89.4	88.6	86.8	85	83	80.9	79.4	77.4	76	74.1
30			81.3	79.7	78.1	76.1	74.2	72.8	70.9	69.5	67.7
32			74.8	73.5	72	70.1	68.3	66.9	65.1	63.8	62
34				68	66.6	64.8	63	61.8	60	58.7	57
36				63	61.8	60.1	58.4	57.2	55.5	54.2	52.5
38				58.5	57.4	55.9	54.2	53	51.4	50.1	48.5
40					53.5	52	50.4	49.3	47.7	46.5	44.9
44						45.3	43.8	42.8	41.2	40.1	38.6
48						39.6	38.2	37.3	35.8	34.8	33.3
52							33.4	32.7	31.2	30.2	28.8
56								28.6	27.2	26.3	24.9
60									23.7	22.8	21.4
64									20.5	19.7	18.4
68										17	15.7
72											13.2

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

ELB

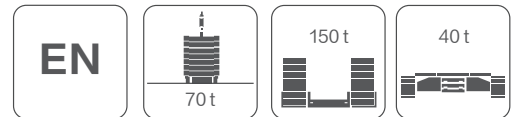
Enhanced light-duty main boom



ELB

Enhanced light-duty main boom combination

Boom combination code*	①	②	③	④	⑤	⑥	⑨	⑪	⑫	⑬	⑭
48m	1	1	1			1	1				1
54m	1		1	1		1	1				1
60m	1	1	1	1		1	1				1
66m	1		1	1	1	1	1				1
72m	1	1	1	1	1	1	1				1
78m	1	2	1	1	1	1	1				1
84m	1	2	1	1	1	1	1	1			1
90m	1	2	1	1	1	1	1	2			1
96m	1	2	1	1	1	1	1	1	1		1
102m	1	2	1	1	1	1	1	2	1		1
108m	1	2	1	1	1	1	1	1	1	1	1



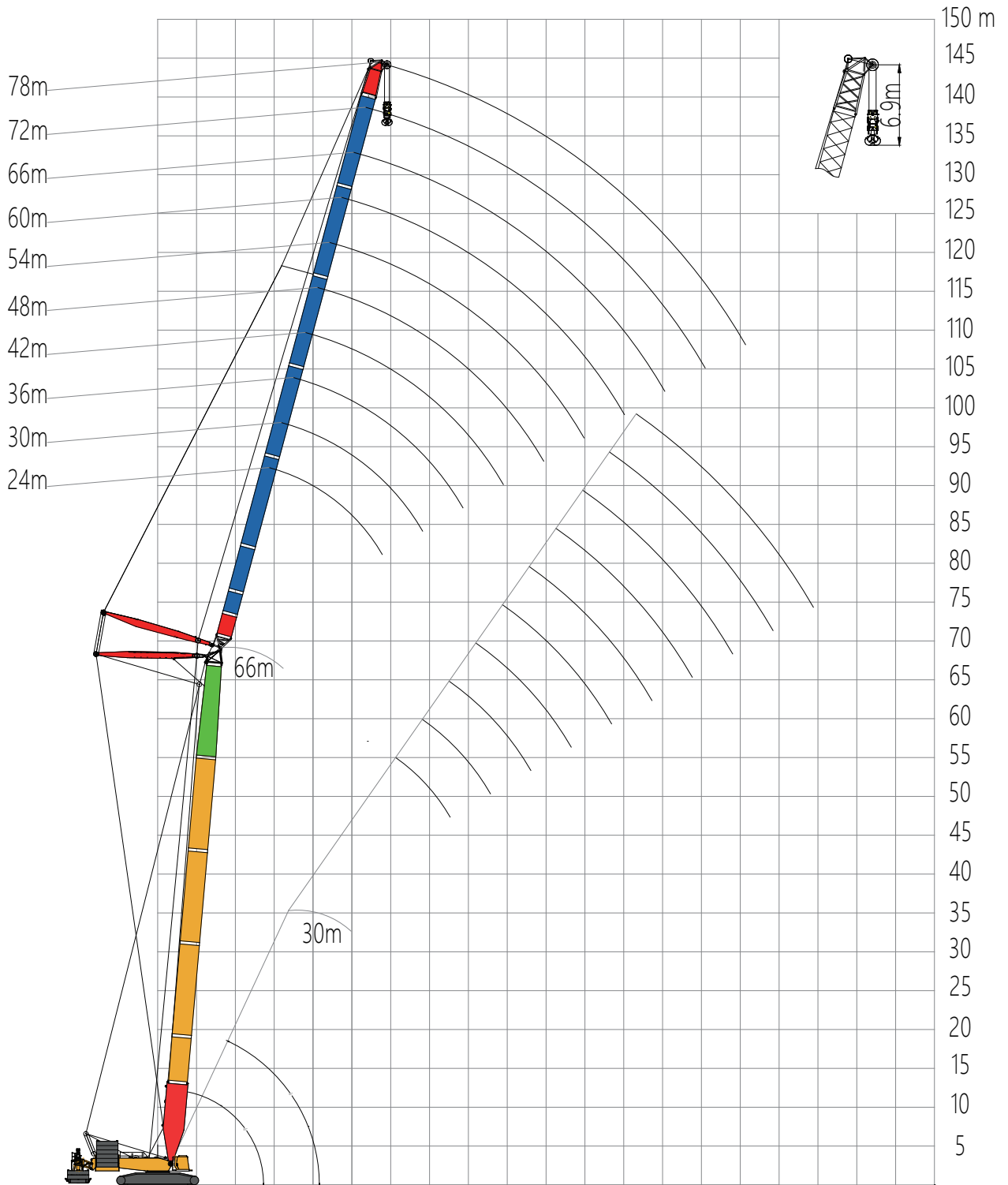
Main boom: 48~108 m

	Boom length (m)											
	48	54	60	66	72	78	84	90	96	102	108	
8	200*	200*										
10	200	200	200	200	200	200						
12	200	200	200	200	200	196	151	132	123	106		
14	191	189	183	180	176	172	147	129	121	103	90	
16	165	164	158	156	152	149	144	125	119	99.8	87.1	
18	145	144	139	137	134	131	129	122	115	96.5	84.4	
20	129	129	124	122	119	117	115	113	112	93.4	81.8	
22	116	116	111	109	107	104	103	102	100	90.5	79.4	
24	105	105	101	99.2	97	94.8	93.5	92.3	91.2	87.7	77.1	
26	96.3	96.3	92.1	90.3	88.3	86.2	85.1	83.9	83	81.8	75	
28	88.4	88.5	84.4	82.8	80.8	78.8	77.7	76.7	75.8	74.8	72.9	
30	81.5	81.6	77.7	76.1	74.2	72.3	71.4	70.4	69.6	68.6	67.8	
32	75.4	75.7	71.8	70.3	68.5	66.7	65.8	64.8	64.1	63.1	62.4	
34	70.1	70.4	66.6	65.2	63.4	61.6	60.8	59.9	59.2	58.3	57.6	
36	65.3	65.6	62	60.6	58.9	57.1	56.3	55.5	54.9	54	53.3	
38	60.9	61.4	57.8	56.5	54.8	53.1	52.4	51.6	51	50.1	49.5	
40	57	57.5	54	52.8	51.1	49.5	48.8	48	47.4	46.6	46	
44		50.8	47.5	46.4	44.8	43.2	42.5	41.8	41.3	40.5	40	
48		45	42	40.9	39.4	37.8	37.2	36.6	36.1	35.3	34.9	
52			37.2	36.3	34.8	33.3	32.8	32.1	31.7	31	30.5	
56				32.2	30.8	29.4	28.9	28.3	27.9	27.2	26.8	
60					27.3	25.9	25.5	24.9	24.6	23.9	23.5	
64					24.2	22.9	22.5	22	21.6	21	20.6	
68						20.1	19.8	19.3	19	18.4	18	
72							17.4	17	16.7	16.1	15.7	
76								14.8	14.5	14	13.7	
80									12.4	12.6	12.1	11.8
84										10.8	10.3	10.1
											8.7	8.5
												7

Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

EHW

Enhanced tower jib



EHW

Enhanced main boom combination

Boom combination code*	①	②	③	④	⑤	⑥	⑦	⑧
30m	1	1				1	1	1
36m	1	1	1			1	1	1
42m	1	1	1			1	1	1
48m	1		1	1		1	1	1
54m	1	1	1	1		1	1	1
60m	1	2	1	1		1	1	1
66m	1	1	1	1	1	1	1	1

Note: *Refer to the appendix on the last page for details

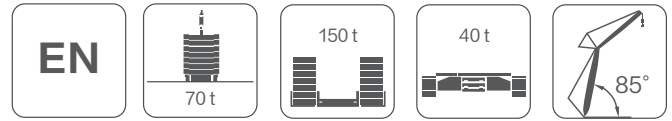
Enhanced tower jib boom combination

Boom combination code*	⑮	⑨	⑩	⑪	⑫	⑬	⑰	⑭
24m	1	1	1		1			1
30m	1	1	1	1	1			1
36m	1	1	1	2	1			1
42m	1	1	1	1	2			1
48m	1	1	1	2	2			1
54m	1	1	1	1	2	1		1
60m	1	1	1	1	2	1		1
66m	1	1	1	1	2	1	1	1
72m	1	1	1	2	2	1	1	1
78m	1	1	1	1	2	1	1	1

Note: *Refer to the appendix on the last page for details

EHW

Main boom: 30~36 m Jib: 24~78 m

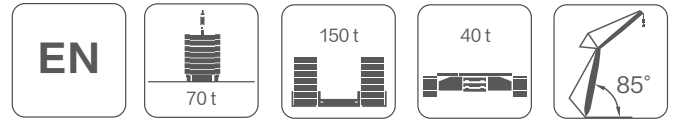


	30										36									
	24	30	36	42	48	54	60	66	72	78	24	30	36	42	48	54	60	66	72	78
14	197	193									193									
16	171	169	166								168	165								
18	152	149	147	143							149	147	144							
20	131	132	132	130	121						134	132	129	137	116					
22	114	115	115	115	115	99.5	82.9				121	119	117	127	114	96.5				
24	101	102	101	101	101	99.2	82.6	71.4			110	109	107	116	104	96.1	80.5			
26	90.5	91.4	91.1	91.1	90.6	90.6	82.2	71.1	60.7		101	100	98.8	105	95.7	94.4	80.1	69.8	59.6	
28		82.4	82.3	82.2	81.7	81.5	81.3	70.8	60.4	51.3		92.9	91.3	97.4	88.5	87.2	79.6	69.5	59.3	50.5
30		74.9	74.9	74.8	74.3	74.1	73.7	70.5	60.1	50.9		86.3	84.8	90	82.1	80.9	79.2	69.2	58.9	50.1
32			68.5	68.5	68.1	67.8	67.3	66.8	59.8	50.6		80.5	79.1	83.6	76.6	75.4	74.1	68.8	58.6	49.8
34			63	63.1	62.6	62.3	61.8	61.3	59.4	50.2			74.1	77.9	71.6	70.5	69.3	68.5	58.2	49.4
36			58.2	58.3	57.9	57.6	57.1	56.6	56.2	49.8			69.6	73	67.2	66.2	65	68	57.9	49.1
38				54.1	53.7	53.4	52.9	52.4	52	49.5				68.5	63.3	62.3	61.1	63.7	57.5	48.7
40				50.4	50	49.8	49.3	48.8	48.3	48				64.5	59.7	58.7	57.6	59.8	55.3	48.3
42					46.7	46.5	46	45.5	45	44.7				60.9	56.4	55.5	54.4	56.4	52.1	48
44					43.8	43.5	43.1	42.6	42	41.7				57.6	53.5	52.6	51.5	53.2	49.3	47.6
46					41	40.9	40.4	39.9	39.4	39					50.7	49.9	48.8	50.3	46.6	45.7
48						38.4	38	37.5	37	36.6						47.4	46.4	47.7	44.2	43.3
50						36.2	35.8	35.3	34.8	34.4						45.1	44.1	45.2	42	41.1
52						34.1	33.8	33.3	32.8	32.4						43	42	43	39.9	39
54							31.9	31.5	31	30.5							40.1	40.9	38	37.1
56							30.2	29.8	29.3	28.8							38.2	39	36.2	35.3
58								28.2	27.7	27.3							36.5	37.2	34.5	33.7
60								26.7	26.2	25.8								35.5	33	32.1
62								25.3	24.9	24.5								33.9	31.5	30.6
64									23.6	23.2								32.4	30.1	29.3
66										22.4	22								28.8	28
68											20.9								27.6	26.7
70											19.8									25.6

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

EHW

Main boom: 42~48 m Jib: 24~78 m

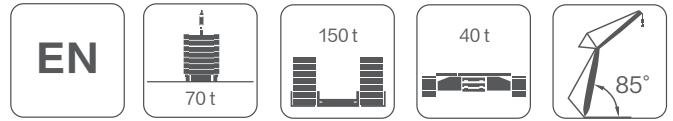



	42										48										
	24	30	36	42	48	54	60	66	72	78	24	30	36	42	48	54	60	66	72	78	
14	189										185										
16	165	162									162	159									
18	146	144	142								143	141	139								
20	131	129	127	125							129	127	125	119							
22	119	117	115	114	108	90.3					117	115	113	112	99.8	84.2					
24	109	107	105	104	108	90	75.9				107	105	104	102	99.3	83.9	71.4				
26	100	98.9	97.2	95.8	102	89.6	75.6	65.8			98.7	97.3	95.7	94.3	92.7	83.5	71.1	62			
28		91.5	89.9	88.6	94.2	85.8	75.2	65.5	56.6	48.2		90.1	88.5	87.2	85.7	83.1	70.7	61.8	53.4	45.9	
30		85	83.6	82.3	87.1	79.7	74.8	65.2	56.3	47.9		83.7	82.3	81	79.6	78.4	70.3	61.6	53.2	45.7	
32		79.3	78	76.8	80.9	74.3	73	64.9	56.1	47.6		78.2	76.8	75.6	74.2	73.1	69.9	61.3	53	45.5	
34			73	71.9	75.4	69.5	68.2	64.6	55.8	47.3			71.9	70.8	69.5	68.4	67.2	61	52.7	45.2	
36			68.6	67.5	70.6	65.2	64	62.7	55.5	47			67.6	66.5	65.2	64.2	63	60.7	52.4	44.9	
38				63.6	66.2	61.4	60.2	58.9	55.2	46.7			63.6	62.6	61.4	60.4	59.3	58	52.1	44.7	
40				60	62.3	57.9	56.7	55.5	54.9	46.4				59.1	58	57	55.9	54.6	51.9	44.4	
42				56.8	58.8	54.7	53.6	52.4	54.4	46.1				55.9	54.8	53.9	52.8	51.6	50.5	44.1	
44					55.6	51.8	50.7	49.6	51.3	45.8					51.9	51	50	48.8	47.7	43.8	
46					52.7	49.2	48.1	47	48.5	45					49.3	48.4	47.4	46.2	45.2	43.5	
48					50	46.7	45.7	44.6	45.9	42.6					46.9	46	45	43.9	42.8	41.9	
50					47.5	44.5	43.4	42.4	43.5	40.4						43.8	42.8	41.7	40.7	39.8	
52						42.4	41.4	40.3	41.3	38.4						41.7	40.8	39.7	38.7	37.8	
54							39.4	38.4	39.3	36.5							38.9	37.8	36.8	36	
56							37.7	36.6	37.4	34.8							37.1	36	35.1	34.2	
58							36	35	35.6	33.1							35.4	34.4	33.5	32.6	
60								33.4	34	31.6								32.9	31.9	31.1	
62								32	32.4	30.2								31.4	30.5	29.7	
64									31	28.8								30.1	29.2	28.3	
66										29.6	27.5									27.9	27.1
68										28.3	26.3									26.7	25.9
70										27.1	25.2										24.8
74											23.1										22.7

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

EHW

Main boom: 54~60 m Jib: 24~78 m

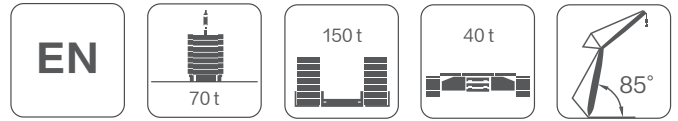


	54										60									
	24	30	36	42	48	54	60	66	72	78	24	30	36	42	48	54	60	66	72	78
16	158										155									
18	141	193	128								138	134								
20	126	169	123	108							124	122	113							
22	115	149	111	107	91.6						113	111	109	98.1	83.8					
24	105	132	102	100	91	77.8	66.7				103	102	100	97	83.1	71.8				
26	97	115	94.1	92.7	90.3	77.4	66.4	58.3			95.3	94	92.4	95.7	82.3	71.4	61.8			
28	89.8	102	87.1	85.7	84.3	76.9	66.1	58	50.4		88.2	87.1	85.5	91	81.3	70.8	61.5	54.5	47.4	
30		91.4	80.9	79.7	78.3	76.3	65.7	57.8	50.2	43.4		81	79.6	84.3	76.9	70.1	61	54.2	47.2	50.5
32		82.4	75.6	74.4	73	71.9	65.3	57.5	50	43.2		75.6	74.3	78.4	71.8	68.7	60.6	54	47	50.1
34		74.9	70.8	69.7	68.4	67.3	64.8	57.2	49.8	42.9		70.9	69.6	73.1	67.2	65.4	60	53.7	46.7	49.8
36			66.5	65.5	64.2	63.2	62	56.9	49.5	42.7			65.4	68.5	63.1	62.1	57.7	53.3	46.5	49.4
38			62.6	61.7	60.4	59.5	58.3	55.6	49.2	42.5			61.6	64.4	59.4	58.4	55.1	53	46.2	49.1
40				58.2	57	56.1	54.9	53.4	48.9	42.2				60.6	56.1	55.1	52.5	51.4	45.6	48.7
42				55.1	53.9	53	51.9	50.7	47.4	41.9				57.3	53.1	52.1	49.9	49.3	43.9	48.3
44				52.2	51.1	50.2	49.1	48	45.7	41.7				54.2	50.3	49.3	47.3	47.2	42.2	48
46					48.5	47.7	46.6	45.5	43.9	40.6				51.3	47.3	46.4	44.8	45.1	40.5	47.6
48					46.1	45.3	44.2	43.2	42.1	39.1					44.2	43.6	42.4	43	38.8	45.7
50						43.1	42.1	41	40	37.7						41	40.1	40.9	37.2	43.3
52						41.1	40.1	39	38	36.3						38.5	37.9	38.9	35.5	41.1
54						39.1	38.2	37.2	36.2	34.9						36.1	35.8	37	33.9	39
56							36.5	35.5	34.5	33.5							33.7	35.1	32.3	37.1
58							34.5	33.8	32.9	32.1							31.8	33.3	30.8	35.3
60								32.3	31.4	30.6							30	31.5	29.3	33.7
62								30.7	30	29.2								29.9	27.9	32.1
64								29.1	28.7	27.8								28.3	26.5	30.6
66									27.4	26.6								26.8	25.2	29.3
68									26.1	25.4									24	28
70									24.8	24.3									22.8	26.7
74										22.3										25.6

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

EHW

Main boom: 66 m Jib: 24~78 m

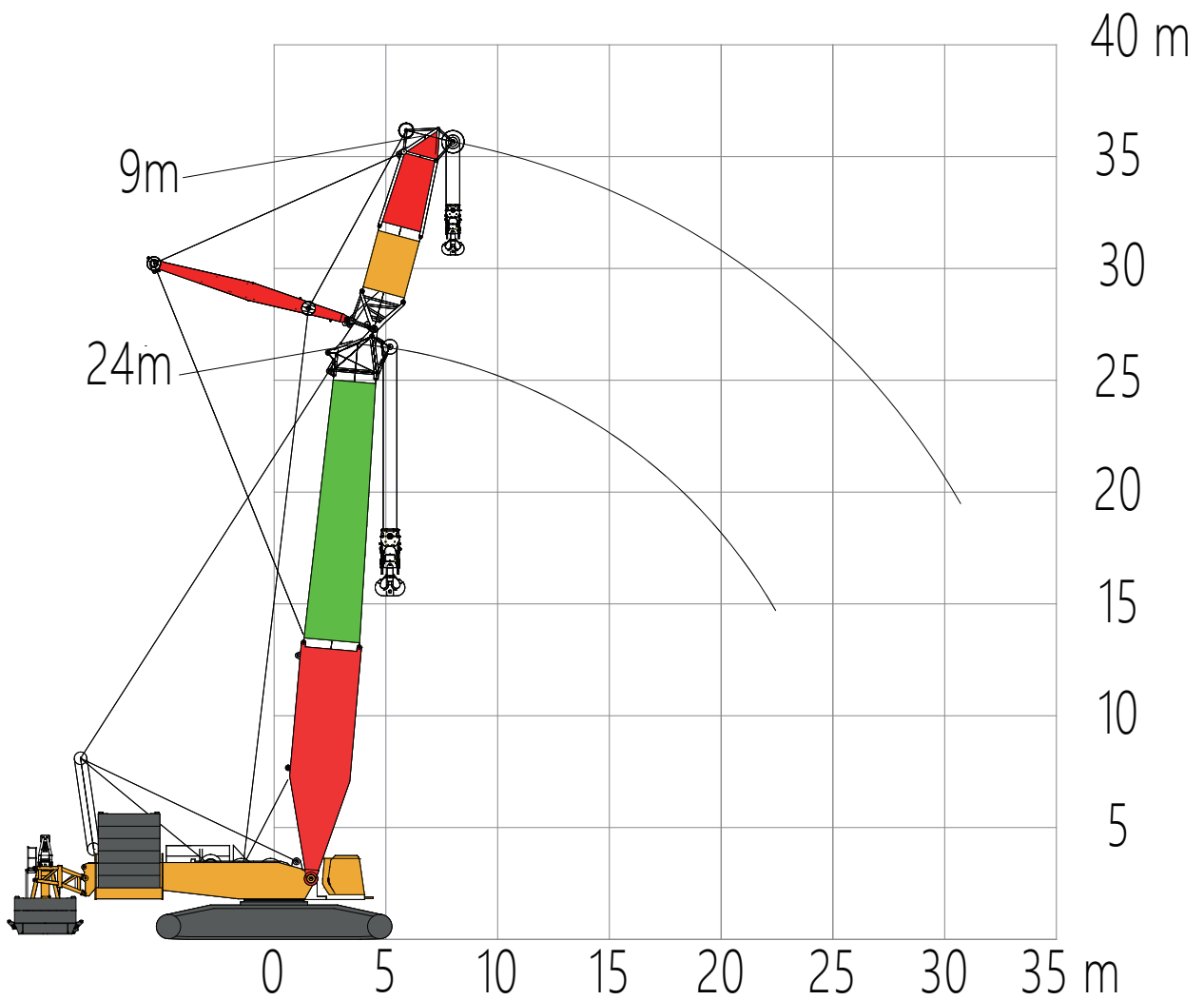


66										
	24	30	36	42	48	54	60	66	72	78
16	135									
18	131	115								
20	122	112	98.5							
22	111	108	96.5	84.9						
24	101	100	94.2	83.5	74.3	64.3				
26	93.8	92.5	90.9	82	73.5	63.7	55.8			
28	86.8	85.7	84.2	80.3	72.5	63.1	55.4	49.2	43.3	
30		79.7	78.3	76.2	71.5	62.3	54.9	48.9	43.1	37.8
32		74.5	73.1	71.6	70.3	61.5	54.4	48.6	42.9	37.6
34		69.8	68.5	67.2	67	59.2	53.8	48.2	42.6	37.4
36			64.4	62.9	63.5	56.4	52.4	47.8	42.3	37.1
38			60.6	58.8	59.9	53.5	50.1	46.7	42	36.9
40				54.9	56.4	50.7	47.8	44.9	41.5	36.6
42				51.2	53.1	47.9	45.5	43	40	36.4
44				47.8	49.8	45.3	43.3	41.1	38.5	35.6
46					46.8	42.7	41.1	39.3	37	34.4
48					43.9	40.3	39	37.4	35.5	33.2
50					41.1	38	36.9	35.7	34	31.9
52					38.5	35.7	34.9	33.9	32.5	30.7
54						33.7	33.1	32.3	31	29.5
56							31.3	30.7	29.6	28.3
58							29.6	29.1	28.3	27.1
60							28	27.6	26.9	26
62								26.2	25.7	24.8
64								24.9	24.5	23.8
66									23.3	22.7
68									22.2	21.7
70									21.1	20.7
74										18.9

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

EHFS

Enhanced TBM operation mode



EHFS

Enhanced TBM main boom combination

Boom combination code*	①	⑥	⑦	⑧
Boom length	1	1	1	1
24	1	1	1	1

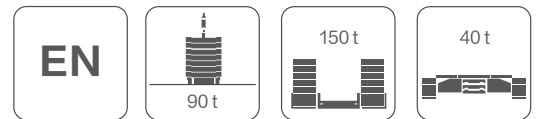
Note: *Refer to the appendix on the last page for details

Enhanced TBM jib boom combination

Boom combination code*	⑮	⑨	⑭
Boom length	1	1	1
9	1	1	1

Note: *Refer to the appendix on the last page for details

Boom: 24 m, Jib: 9 m



Standard TBM operation mode

Main boom angle	Main hook radius	Main hook load	Auxiliary hook radius	Auxiliary hook load	Main and auxiliary hooks Combined lifting
83.03	6	400	9.1	200	387.9
80.6	7	400	10.5	200	373.2
78.14	8	400	11.9	200	346.7
75.66	9	378	13.3	200	305.2
73.14	10	334	14.6	197	272.1
70.57	11	299	16.0	185	243.3
67.96	12	272	17.4	175	219.2
65.29	13	244	18.7	160	199.1
62.55	14	222	20.1	146	182.1
59.73	15	203	21.5	135	167.6
56.81	16	186	22.8	124	155.0
53.78	17	172	24.2	115	143.9
50.61	18	159	25.5	107	134.1
47.27	19	148	26.8	100	125.3
43.71	20	138	28.2	94	117.4
39.87	21	129	29.5	88	110.3
35.64	22	120	30.8	82.6	103.7

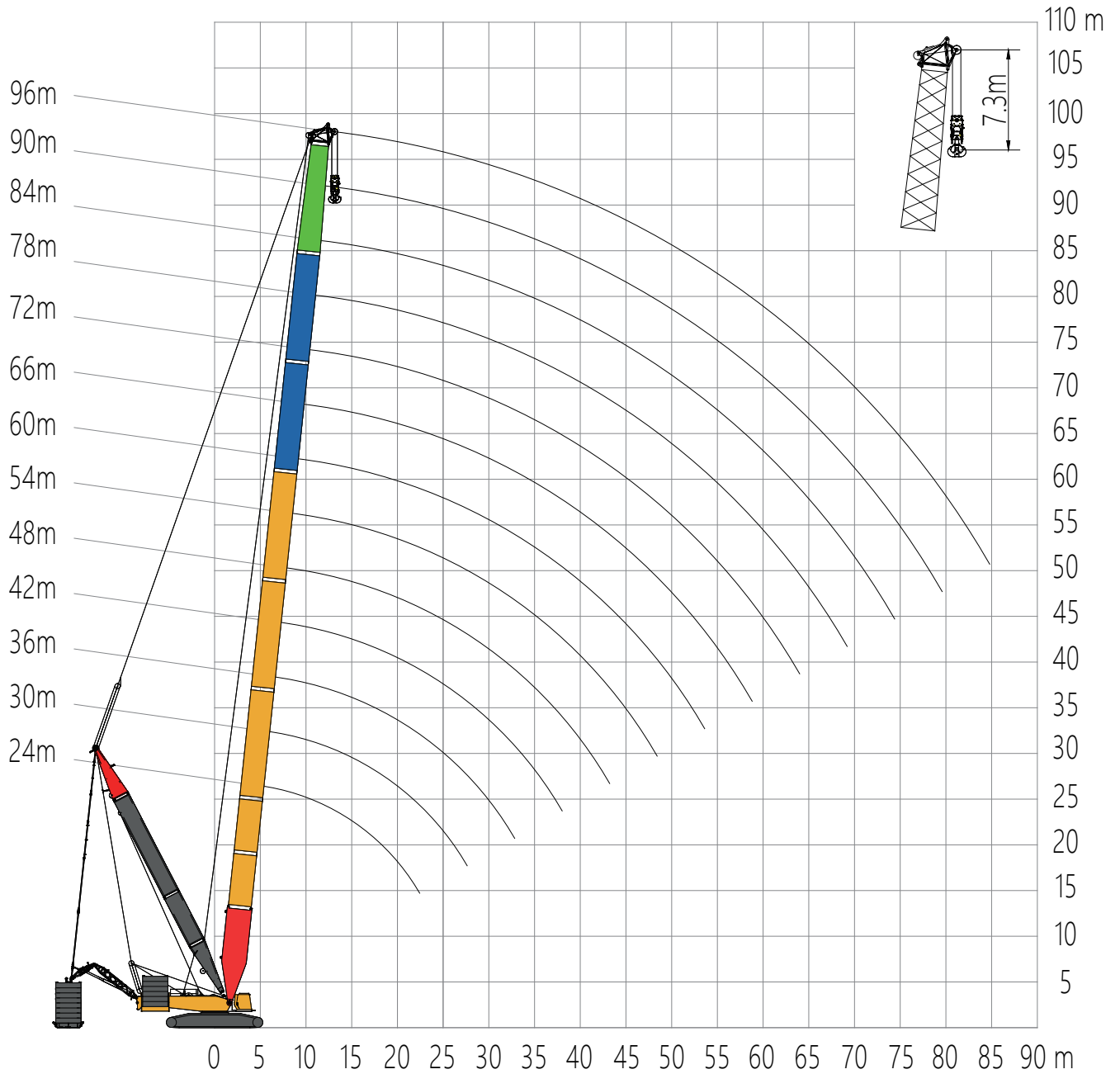
Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.

2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.

3. The mark "" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

SHB-T

Superlift heavy-duty main boom



SHB-T

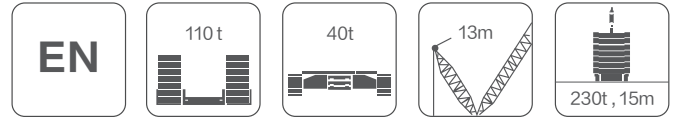
Superlift heavy-duty main boom combination

臂架组合代号* 臂长	①	②	③	③	⑤	⑥	⑦	⑧
36m	1		1			1	1	1
42m	1	1	1			1	1	1
48m	1		1	1		1	1	1
54m	1	1	1	1		1	1	1
60m	1	2	1	1		1	1	1
66m	1	1	1	1	1	1	1	1
72m	1	2	1	1	1	1	1	1
78m	1	1	1	1	2	1	1	1
84m	1	2	1	1	2	1	1	1
90m	1	1	1	2	2	1	1	1
96m	1	2	1	2	2	1	1	1

Note: *Refer to the appendix on the last page for details

SHB-T

Boom: 36~96 m

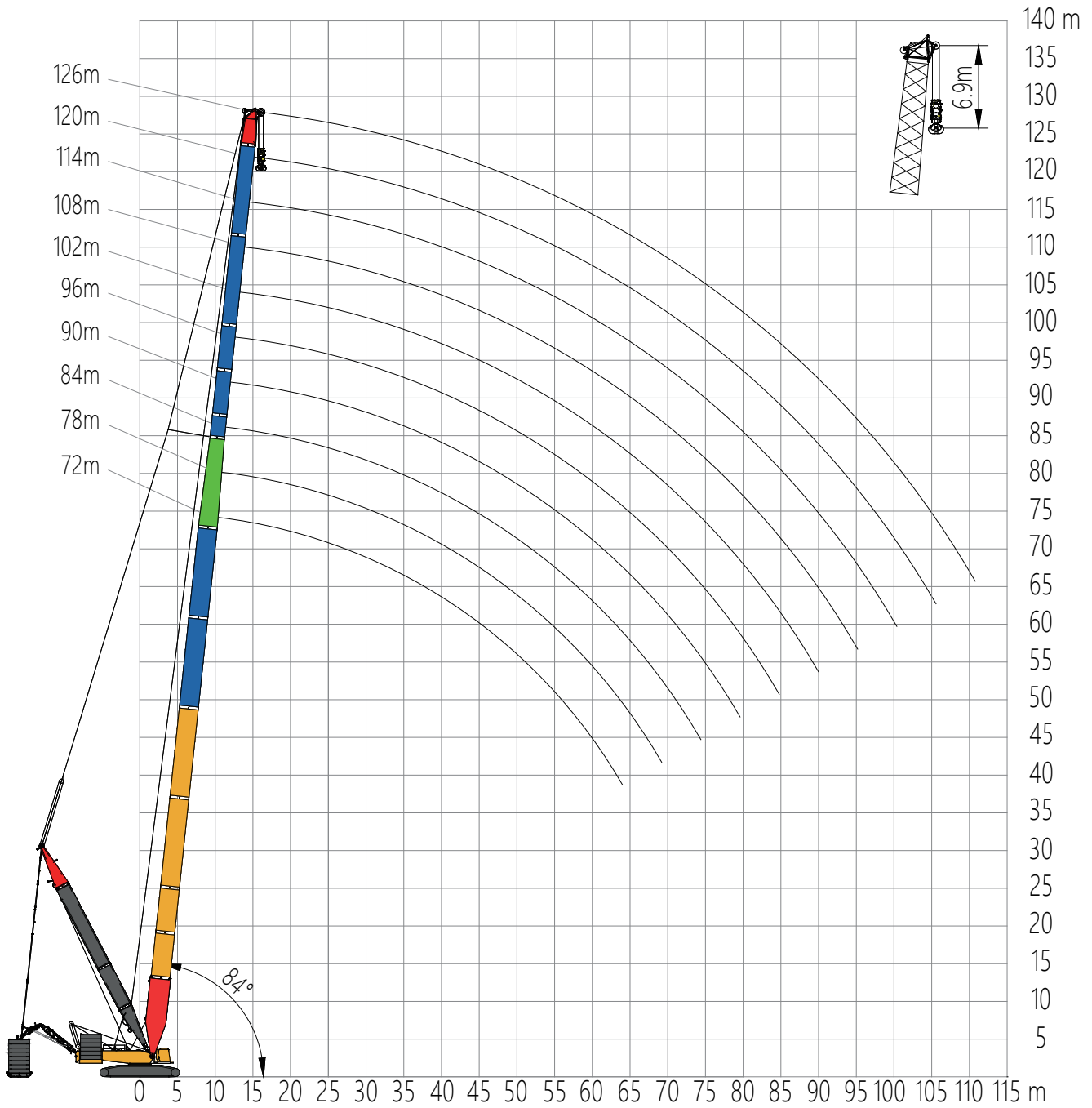


	36	42	48	54	60	66	72	78	84	90	96
10		400*	400*	395*	354*	303*					
12	400*	400*	400*	395*	354*	302*	269*	227*	197*		
14	394	393	393	392	354	302*	269*	227*	197*	170*	147*
16	342	343	343	342	341	301	269*	226*	197*	170*	147*
18	300	303	303	302	301	300	269	226*	196*	169*	147*
20	266	271	271	270	269	269	268	225*	194*	168*	146*
22	238	245	245	244	243	243	242	225	193*	167*	145*
24	215	223	223	222	221	221	220	219	192	166*	144*
26	194	205	204	204	203	202	201	201	190	164	143*
28	177	187	188	188	187	186	185	185	184	163	142*
30	161	171	175	174	173	173	172	171	170	162	140
32	147	157	163	162	161	161	160	159	158	157	139
34		144	152	151	150	150	149	149	148	147	138
36		133	141	142	141	141	140	139	138	137	136
38		122	131	133	133	132	131	131	130	129	128
40			121	125	125	124	123	123	122	121	120
44				110	110	110	109	109	108	107	106
48				95.7	98.9	98.6	97.8	97.3	96.4	95.7	94.7
52					87.9	88.7	87.9	87.5	86.6	85.8	84.9
56						80.3	79.6	79.1	78.2	77.4	76.5
60							72.4	71.9	71.1	70.3	69.3
64							65.8	65.7	64.8	64	63.1
68								60.2	59.3	58.6	57.6
72									54.5	53.7	52.8
76										49.4	48.5
80										45.5	44.6
84											41.1

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.
 4. (90) and (96) main booms are optional.

SLB-T

Superlift light-duty main boom

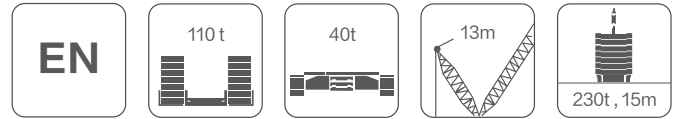


SLB-T

Superlift light-duty main boom combination

Boom combination code*	①	②	③	③	⑤	⑥	⑨	⑪	⑫	⑬	⑭
72m	1	1	1	1	1	1	1				1
78m	1	2	1	1	1	1	1				1
84m	1	1	1	1	1	1	1				1
90m	1	2	1	1	2	1	1				1
96m	1	2	1	1	2	1	1	1			1
102m	1	2	1	1	2	1	1		1		1
108m	1	2	1	1	2	1	1	1	1		1
114m	1	2	1	1	2	1	1	1	1		1
120m	1	2	1	1	2	1	1	1	1	1	1
126m	1	2	1	1	2	1	1	2	1	1	1

Note: *Refer to the appendix on the last page for details



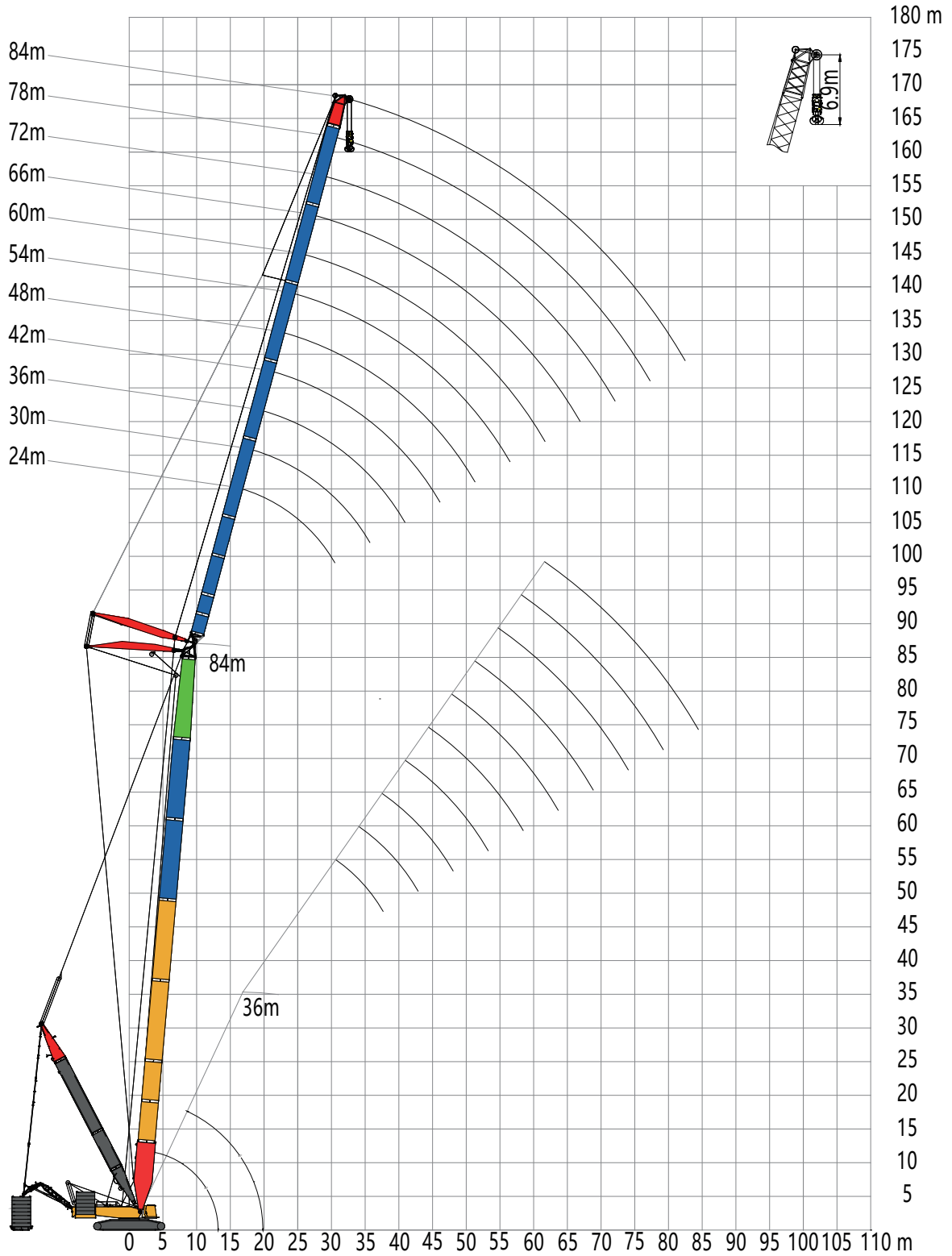
Boom: 72~126 m

	72	78	84	90	96	102	108	114	120	126
12	200*	200*	195*							
14	200*	200*	195*	155*	141*	124*				
16	200*	200*	194*	155*	141*	123*	105*	92.1*	79.4*	
18	200*	200*	193*	154*	141*	122*	104*	91.6*	78.8*	68.8*
20	200*	200*	191*	154*	140*	121*	103*	91*	78.3*	68.2*
22	200*	200*	190*	154*	139*	120*	102*	90.4*	77.7*	67.7*
24	200	200	189	153*	139*	119*	102*	89.7*	77.1*	67.1*
26	200	200	187	153*	138*	118*	101*	89.1*	76.5*	66.6*
28	188	187	186	153	137*	117*	100*	88.5*	76*	66.1*
30	175	174	173	151	136*	116*	99.1*	87.8*	75.4*	65.5*
32	163	162	161	150	134	115*	98.2*	87.2*	74.8*	65*
34	152	151	150	149	133	114*	97.2*	86.6*	74.3*	64.4*
36	143	142	141	140	132	113	96.2*	85.9*	73.7*	63.9*
38	134	133	133	131	131	112	95.3*	85.3*	73.1*	63.4*
40	126	126	125	124	124	111	94.3*	84.6*	72.5*	62.8*
44	112	111	111	110	110	108	91.6	83.2*	71.4*	61.1*
48	100	99.9	99.4	98.4	98.2	98.3	86.9	80.5	70.3*	59*
52	90.9	90.1	89.5	88.6	88.4	88.4	82.5	78	68.2	57*
56	82.6	81.7	81.2	80.2	80.1	80.1	76.6	75.6	66.1	55.1*
60	75.4	74.6	74	73.1	72.9	72.9	70	72.3	64.1	53.3
64	69.2	68.3	67.8	66.8	66.7	66.7	63.8	66.1	62.3	51.6
68		62.8	62.3	61.4	61.2	61.2	58	60.6	60.3	50
72			57.5	56.5	56.4	56.4	52.6	55.8	55.5	48.6
76				52.2	52.1	52.1	47.5	51.5	51.2	47.2
80				48.3	48.2	48.3	42.7	47.7	47.3	46
84					44.7	44.8	38.1	44.2	43.9	43.4
88						41.6	33.7	41.1	40.7	40.3
92							29.4	38.2	37.9	37.4
96								35.6	35.2	34.8
100								33.2	32.8	32.4
104									30.6	30.2
108										28.1

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
- 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
- 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

SHW-T

Superlift tower jib operation mode



SHW-T

Superlift heavy-duty main boom combination

Boom combination code*	①	②	③	③	⑤	⑥	⑦	⑧
30m	1	1	1			1	1	1
36m	1		1			1	1	1
42m	1	1	1			1	1	1
48m	1		1	1		1	1	1
54m	1	1	1	1		1	1	1
60m	1	2	1	1		1	1	1
66m	1	1	1	1	1	1	1	1
72m	1	2	1	1	1	1	1	1
78m	1	1	1	1	2	1	1	1
84m	1	2	1	1	2	1	1	1

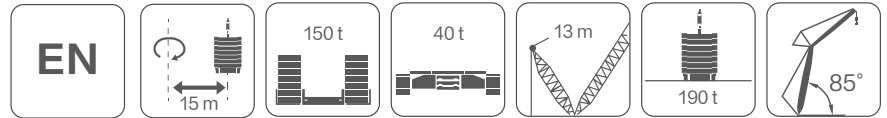
Superlift tower jib boom combination

Boom combination code*	⑮	⑨	⑩	⑪	⑫	⑬	⑰	⑭
24m	1	1	1		1			1
30m	1	1	1	1	1			1
36m	1	1	1	2	1			1
42m	1	1	1	1	2			1
48m	1	1	1	2	2			1
54m	1	1	1	1	2	1		1
60m	1	1	1	1	2	1		1
66m	1	1	1	1	2	1	1	1
72m	1	1	1	2	2	1	1	1
78m	1	1	1	1	2	2	1	1
84m	1	1	1	2	2	2	1	1

Note: *Refer to the appendix on the last page for details

SHW-T

Main boom: 36~84 m Jib: 24~84 m

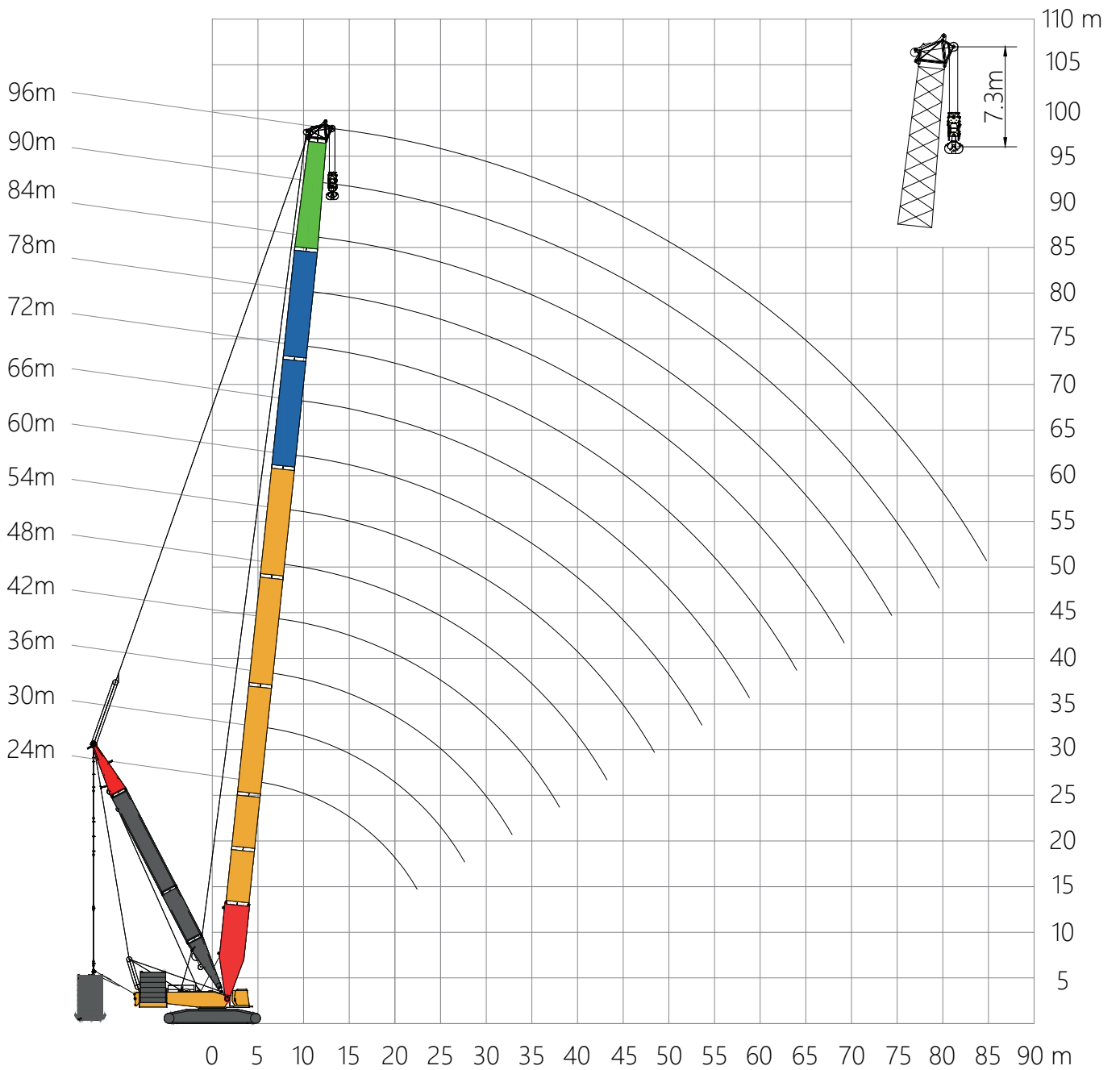


m	36											84										
	24	30	36	42	48	54	60	66	72	78	84	24	30	36	42	48	54	60	66	72	78	84
14																						
16	200																					
18	200	196																				
20	200	194																				
22	200	192	161	137	116							102										
24	184	186	160	136	116	96.9						99.6	88.6									
26	156	166	159	135	115	96.6	80.8	70				96.6	86.6	77.1	68.2							
28	128	150	154	134	114	96.1	80.4	69.7	59.7			93.5	84.5	75.7	67.4	59.7						
30		136	140	133	114	95.6	79.9	69.4	59.4	50.6		87.6	81.3	74.1	66.5	59.1	52.4					
32		123	129	128	113	95.1	79.5	69.1	59.1	50.2	43.9	81.8	76.5	71.2	65.4	58.4	52	46				
34		104	119	118	110	94.5	79	68.7	58.7	49.9	43.6	76.4	71.7	67.2	62.7	57.7	51.5	45.7	40.9	36.2		
36			107	110	105	93.9	78.4	68.4	58.4	49.5	43.3		67.1	63.3	59.5	55.4	50.9	45.4	40.7	36.1	31.9	
38			93.4	102	100	91.2	77.9	68	58	49.2	43		62.8	59.6	56.3	52.8	49.1	45	40.4	35.9	31.8	28.3
40				95.7	95.1	87.5	77.3	67.6	57.7	48.8	42.6		58.7	55.9	53.2	50.2	47	43.5	40.1	35.7	31.6	28.2
42				85	90	83.7	76.2	67.2	57.3	48.4	42.3			52.5	50.2	47.6	44.9	41.8	38.8	35.5	31.5	28.1
44					85	83.7	76.2	67.2	57.3	48.4	42.3			49.2	47.3	45.1	42.7	40.1	37.4	34.6	31.3	27.9
46				75	81.6	79.9	73.5	66.8	57	48.1	42				44.5	42.7	40.7	38.3	36	33.4	30.7	27.8
48					73.3	76.1	70.6	65.4	56.6	47.7	41.7				41.9	40.4	38.6	36.6	34.6	32.2	29.8	27.4
50						65.7	72.4	67.8	63.3	56.2	47.4	41.4				39.4	38.1	36.7	34.9	33.1	31	28.8
52							66.7	65	61.1	55.9	47	41					36	34.8	33.3	31.7	29.9	27.8
54								60.5	62.2	58.9	54.3	46.7	40.7				34	33	31.7	30.3	28.7	26.9
56									54.6	59.4	56.7	52.7	46.3	40.4					31.2	30.1	28.9	27.5
58										55.4	54.5	51	46	40.1					29.6	28.6	27.6	26.3
60											50.4	52.3	49.3	45.2	39.8				28	27.2	26.3	25.2
62												45.7	50.2	47.6	43.9	39.6				25.9	25.1	24.1
64													46.2	45.9	42.6	39.3				24.6	23.9	23.1
66														42.1	44.2	41.3	38.5			23.3	22.8	22
68															42.4	40	37.5				21.7	21
70																39	38.7	36.4			20.7	20.1
72																	35.6	37.5	35.4			19.2
74																		36	34.4			18.3
76																			33.1	33.4		17.5
78																						17
80																						16.3
82																						15.6
																						15.1
																						14.5
																						13.9
																						13.3

Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

SHB

Superlift heavy-duty main boom



SHB

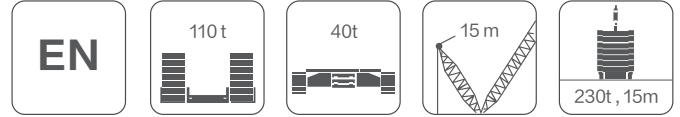
Superlift heavy-duty main boom combination

Boom combination code*	①	②	③	③	⑤	⑥	⑦	⑧
36m	1		1			1	1	1
42m	1	1	1			1	1	1
48m	1		1	1		1	1	1
54m	1	1	1	1		1	1	1
60m	1	2	1	1		1	1	1
66m	1	1	1	1	1	1	1	1
72m	1	2	1	1	1	1	1	1
78m	1	1	1	1	2	1	1	1
84m	1	2	1	1	2	1	1	1
90m	1	1	1	2	2	1	1	1
96m	1	2	1	2	2	1	1	1

Note: *Refer to the appendix on the last page for details

SHB

Main boom: 36~96 m

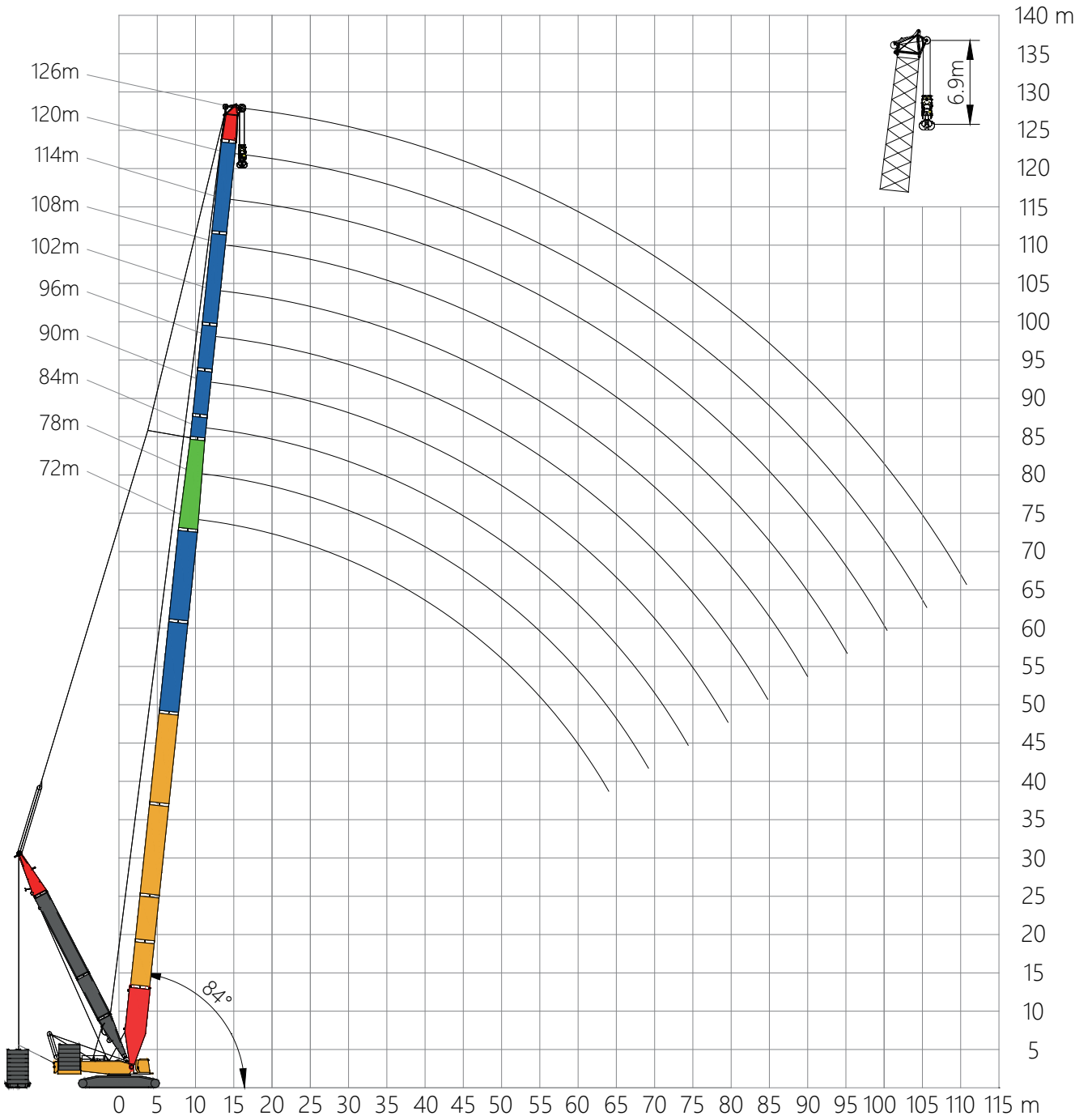


	36	42	48	54	60	66	72	78	84	(90)	(96)
8	450*										
9	400*	400*	400*	359*							
10	400*	400*	400*	359*	331*	302*					
11	400*	400*	400*	359*	331*	302*	267*				
12	400*	400*	400*	359*	331*	301*	267*	226*	196*		
13	400	400	400	359*	331*	301*	267*	226*	196*		
14	375	380	379	359	331*	301*	267*	226*	196*	169*	
15	349	354	353	353	331	300*	267*	225*	195*	169*	
16	325	331	331	330	329	300	267*	225*	195*	168*	146*
17	304	311	310	309	309	299	267*	225*	194*	168*	146*
18	285	292	292	291	290	290	267	225*	194*	167*	146*
19	269	276	276	275	274	274	267	224*	193*	167*	145*
20	253	262	261	260	259	259	258	224	193*	166*	145*
22	227	236	236	235	234	234	233	223	191*	165*	144*
24	204	215	215	214	213	213	212	211	190	164*	143*
26	185	195	197	196	195	195	194	193	188	163	142*
28	168	177	181	181	180	179	178	178	177	161	140*
30	153	162	168	167	166	166	165	164	163	160	139
32	139	149	156	156	155	154	153	153	152	151	138
34		137	144	145	145	144	143	143	142	141	137
36		126	133	136	135	135	134	133	132	132	131
38		116	123	128	127	127	126	125	124	123	122
40			114	119	119	119	118	117	116	116	115
44				103	105	105	104	103	103	102	101
48				90	94.2	93.9	93.1	92.6	91.7	90.9	90
52					82.4	84.4	83.6	83.1	82.2	81.4	80.5
56						75.9	75.5	75	74.2	73.4	72.4
60							68.6	68.1	67.3	66.5	65.5
64							61.3	62.1	61.2	60.4	59.5
68								56.6	56	55.2	54.2
72									51.3	50.5	49.6
76										46.3	45.4
80										42	41.7
84											38

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.
 4. (90) and (96) main booms are optional.

SLB

Superlift light-duty main boom

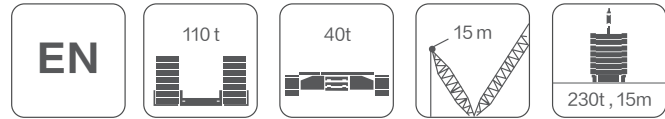


SLB

Superlift light-duty main boom combination

Boom combination code*	①	②	③	③	⑤	⑥	⑨	⑪	⑫	⑬	⑭
72m	1	1	1	1	1	1	1				1
78m	1	2	1	1	1	1	1				1
84m	1	1	1	1	1	1	1				1
90m	1	2	1	1	2	1	1				1
96m	1	2	1	1	2	1	1	1			1
102m	1	2	1	1	2	1	1		1		1
108m	1	2	1	1	2	1	1	1	1		1
114m	1	2	1	1	2	1	1	1	1		1
120m	1	2	1	1	2	1	1	1	1	1	1
126m	1	2	1	1	2	1	1	2	1	1	1

Note: *Refer to the appendix on the last page for details



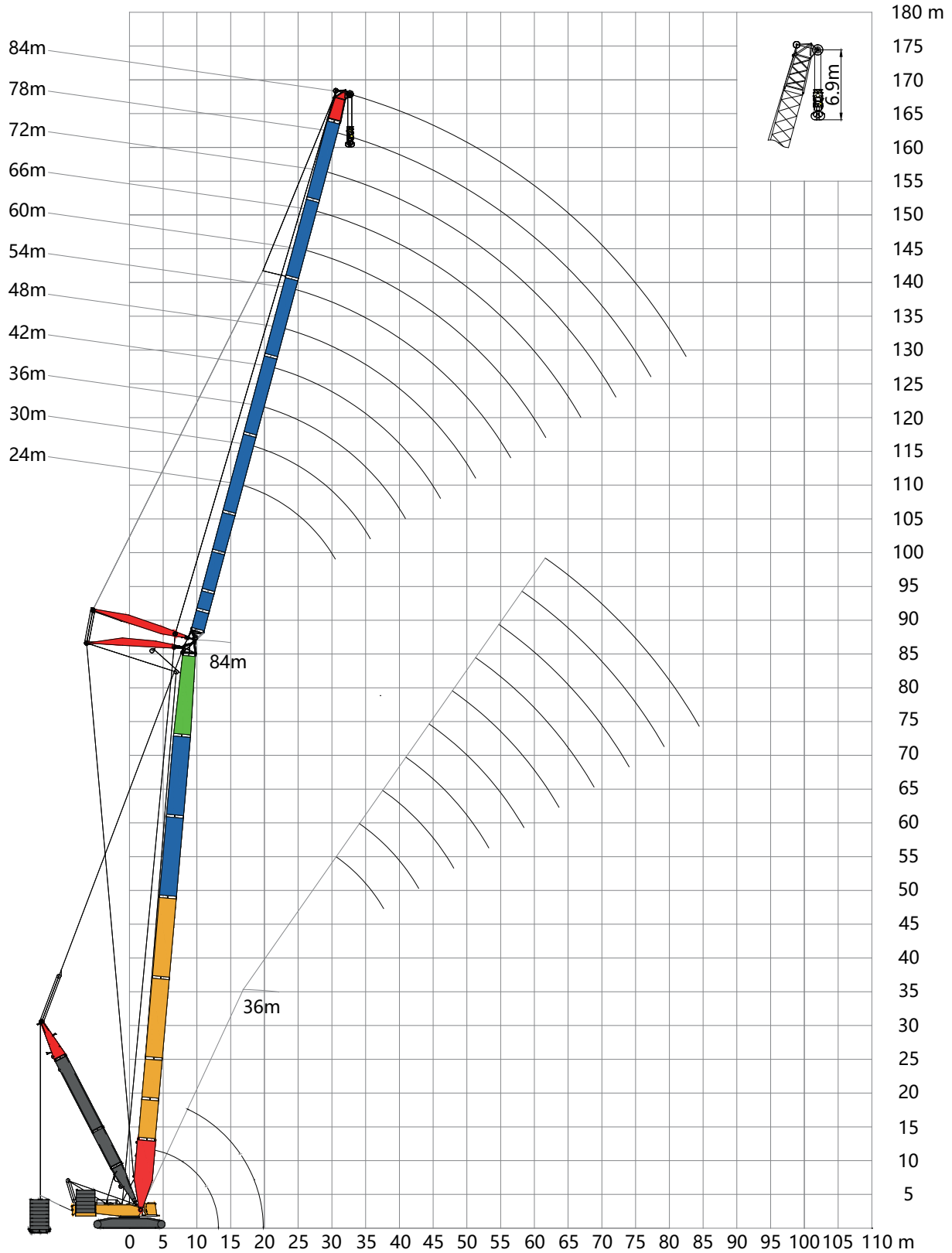
Boom: 72~126 m

m	72	78	84	90	96	102	108	114	120	126
12	200*	200*	194*							
14	200*	200*	193*	155*	141*	123*				
16	200*	200*	192*	155*	141*	122*	105*	92.2*	79.7*	
18	200*	200*	191*	154*	140*	121*	104*	91.6*	79.1*	69*
20	200*	200*	190*	154*	140*	120*	103*	91*	78.5*	68.5*
22	200	200	188*	153*	139*	119*	102*	90.4*	77.9*	67.9*
24	200	200	187	153*	138*	118*	101*	89.7*	77.4*	67.4*
26	197	196	185	152*	137*	117*	100*	89.1*	76.8*	66.8*
28	181	180	180	151	136*	116*	99.7*	88.4*	76.2*	66.2*
30	168	167	166	151	135	115*	98.7*	87.8*	75.5*	65.7*
32	156	155	155	150	133	114*	97.7*	87.1*	74.9*	65.1*
34	146	145	145	143	132	113*	96.7*	86.4*	74.3*	64.5*
36	137	136	135	134	131	112	95.8*	85.7*	73.7*	64*
38	129	128	127	126	126	111	94.8*	85*	73.1*	63.3*
40	121	120	119	118	118	110	93.8	84.3*	72.5*	62.2*
44	107	106	106	105	104	104	91.8	81.8	71.3*	60.1*
48	96.1	95.2	94.6	93.7	93.5	93.5	88.3	79.2	69.2*	58*
52	86.6	85.7	85.2	84.2	84	84	83.7	76.8	67.1	56.1*
56	78.5	77.7	77.1	76.2	76	76	75.7	74.5	65.1	54.2*
60	71.6	70.8	70.2	69.3	69.1	69.1	68.8	68.4	64.6	52.5
64	64.3	64.8	64.2	63.3	63.1	63.1	62.8	62.5	61.4	50.9
68		59.2	59	58	57.8	57.8	57.5	57.2	56.8	49.4
72			54.3	53.3	53.2	53.2	52.9	52.6	52.2	48
76				49.2	49	49	47.6	48.4	48	46.8
80				44.9	45.3	45.3	42.5	44.7	44.3	43.9
84					41.9	42	37.7	41.4	41	40.6
88						38.9	33	38.4	38	37.5
92							28.6	35.6	35.2	34.8
96								33.1	32.7	32.3
100								30.1	30.4	29.9
104									27.8	27.8
108										25.2

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
- 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
- 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

SHW

Superlift tower jib operation mode



SHW

Superlift heavy-duty main boom combination

Boom combination code*	①	②	③	③	⑤	⑥	⑦	⑧
30m	1	1	1			1	1	1
36m	1		1			1	1	1
42m	1	1	1			1	1	1
48m	1		1	1		1	1	1
54m	1	1	1	1		1	1	1
60m	1	2	1	1		1	1	1
66m	1	1	1	1	1	1	1	1
72m	1	2	1	1	1	1	1	1
78m	1	1	1	1	2	1	1	1
84m	1	2	1	1	2	1	1	1

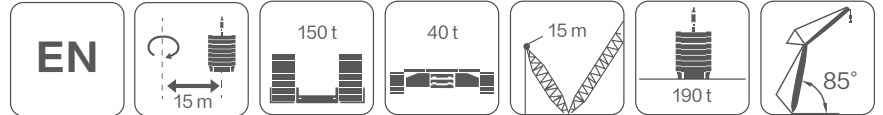
Superlift tower jib boom combination

Boom combination code*	⑮	⑨	⑩	⑪	⑫	⑬	⑯	⑭
24m	1	1	1		1			1
30m	1	1	1	1	1			1
36m	1	1	1	2	1			1
42m	1	1	1	1	2			1
48m	1	1	1	2	2			1
54m	1	1	1	1	2	1		1
60m	1	1	1	1	2	1		1
66m	1	1	1	1	2	1	1	1
72m	1	1	1	2	2	1	1	1
78m	1	1	1	1	2	2	1	1
84m	1	1	1	2	2	2	1	1

Note: *Refer to the appendix on the last page for details

SHW

Main boom: 36~42 m Jib: 24~84 m

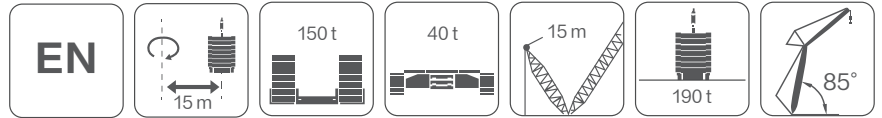



m	36											42											
	24	30	36	42	48	54	60	66	72	78	84	24	30	36	42	48	54	60	66	72	78	84	
14	200											200											
16	200	195										200	185										
18	200	194	162	137								200	183	154									
20	200	192	161	136	116							200	182	153	130	109							
22	184	187	160	136	116	96.8						191	181	152	129	109	91						
24	156	166	158	135	115	96.4	80.7	69.9				161	171	151	128	109	90.8	76.4					
26	128	150	151	134	114	96	80.3	69.7	59.7			133	154	147	128	108	90.5	76.1	66.1	56.8			
28		135	135	133	114	95.5	79.9	69.3	59.4	50.5			138	138	125	108	90.2	75.8	65.9	56.6	48.4		
30		119	124	124	113	95	79.4	69	59	50.2	43.9		122	127	118	107	89.8	75.5	65.7	56.4	48.1	42.1	
32		104	112	113	111	94.4	78.9	68.7	58.7	49.8	43.6		106	114	112	102	89.4	75.1	65.4	56.1	47.8	41.8	
34			101	106	104	93.8	78.4	68.3	58.3	49.5	43.2			103	105	97.5	88.4	74.7	65.1	55.8	47.5	41.6	
36			91.6	97.1	98.4	91.7	77.8	67.9	58	49.1	42.9			93.3	98.8	92.6	84.8	74.2	64.8	55.5	47.2	41.3	
38				88.9	90.6	88.1	77.3	67.5	57.6	48.8	42.6				90.4	87.7	81.2	73.8	64.5	55.3	46.9	41.1	
40				81.4	83.5	83.3	76.7	67.1	57.3	48.4	42.3				82.6	82.8	77.5	71.2	64.2	55	46.6	40.8	
42				74.3	77.1	79.6	74	66.7	56.9	48	42				75.4	78.1	73.9	68.4	63.3	54.7	46.3	40.5	
44					71.1	73.9	71.2	65.9	56.5	47.7	41.6					72.1	70.2	65.7	61.2	54.4	46	40.2	
46					65.6	68.8	68.4	63.7	56.2	47.3	41.3						66.4	66.7	62.9	59	54.1	45.7	40
48						64	65.6	61.6	55.8	47	41					60.9	63.2	60.1	56.8	52.5	45.4	39.7	
50						59.4	61.5	59.4	54.7	46.6	40.7						59.8	57.4	54.6	50.8	45.1	39.4	
52						54.6	57.5	57.2	53.1	46.3	40.4						55.6	54.7	52.5	49.1	44.8	39.2	
54							53.8	55	51.4	46	40.1							52.1	50.3	47.4	43.6	38.9	
56							50.2	51.8	49.7	45.5	39.8							49.6	48.2	45.7	42.3	38.7	
58							45.7	48.7	48	44.3	39.5							47.1	46.1	44	41	38.1	
60								45.7	46.3	43	39.3								44	42.3	39.7	37	
62								42.1	44.2	41.7	38.8								42.1	40.7	38.4	36	
64									41.6	40.4	37.8									39	37.1	34.9	
66									39	39.1	36.7									37.5	35.8	33.9	
68									35.7	37.9	35.7									35.9	34.5	32.8	
70										35.9	34.7												
72										33.1	33.7												
74											32.7												
76											30.5												
78											28												

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "***" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

SHW

Main boom: 48~54 m Jib: 24~84 m

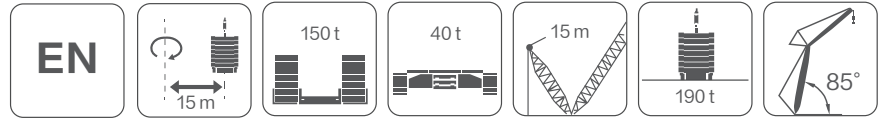


	48											54												
	24	30	36	42	48	54	60	66	72	78	84	24	30	36	42	48	54	60	66	72	78	84		
14	200											192												
16	200	173										191	161											
18	200	173	145									182	160	135										
20	200	171	144	122								168	153	134	112									
22	187	169	143	122	102	85.5						154	142	134	112	94.7								
24	171	158	142	122	101	85.4	72.2					141	132	129	112	94.6	80	68.1						
26	142	146	134	121	101	85.2	72	62.7				123	122	122	110	94.3	79.8	67.9	59.3					
28		135	126	115	101	84.9	71.8	62.6	53.9	46.2			112	114	105	93.9	79.6	67.8	59.2	51.2				
30		124	117	108	98.9	84.6	71.5	62.4	53.7	46	40.3			103	106	99.4	90.8	79.3	67.6	59.1	51.1	43.9	38.4	
32		112	109	102	94.4	84.2	71.2	62.2	53.5	45.8	40.1				99.4	93.6	86.6	78.8	67.3	58.9	50.9	43.8	38.2	
34			101	96.5	89.8	82	70.9	62	53.3	45.6	39.9				92.3	88	82.2	75.6	67	58.7	50.8	43.6	38.1	
36			94.1	90.5	85.1	78.6	70.5	61.7	53.1	45.3	39.7				85.6	82.4	77.9	72.3	66.1	58.5	50.6	43.4	37.9	
38			86.8	84.7	80.5	75.1	68.8	61.5	52.9	45.1	39.5				79.3	77.1	73.5	68.9	63.6	58.3	50.4	43.2	37.7	
40				79.1	76	71.5	66.1	61	52.6	44.9	39.3					72	69.3	65.6	61	56.6	50.2	43	37.5	
42				73.8	71.6	68	63.5	59	52.4	44.6	39.1					67.1	65.2	62.3	58.4	54.6	50	42.8	37.3	
44					67.3	64.6	60.8	56.9	52.1	44.3	38.8					62.6	61.3	59	55.8	52.5	48.5	42.6	37.1	
46					63.3	61.2	58.1	54.7	50.5	44.1	38.6						57.5	55.8	53.2	50.4	46.8	42.3	36.9	
48					59.4	57.9	55.4	52.6	48.9	43.8	38.4						54	52.8	50.7	48.3	45.2	41.5	36.7	
50						54.8	52.8	50.5	47.2	43.3	38.1							49.8	48.2	46.3	43.5	40.3	36.1	
52						51.7	50.2	48.3	45.5	42	37.9							47	45.8	44.2	41.9	39	35	
54							47.8	46.2	43.8	40.7	37.6							44.4	43.5	42.2	40.2	37.6	34	
56							45.4	44.2	42.2	39.4	36.6								41.2	40.3	38.6	36.3	32.9	
58							43.1	42.2	40.5	38.1	35.5								39.1	38.4	37	35	31.8	
60								40.3	38.9	36.8	34.5									36.6	35.4	33.7	30.8	
62								38.4	37.3	35.4	33.4									34.8	33.9	32.5	29.7	
64								36.6	35.7	34.2	32.4									33.1	32.4	31.2	28.7	
66									34.2	32.9	31.3											31	30	27.7
68									32.7	31.6	30.3											29.6	28.8	26.7
70										30.4	29.3											28.3	27.6	25.7
72											29.2	28.2											26.5	24.7
74												28.1	27.2										25.4	23.8
76													26.3											22.9
78														25.3										22

Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "***" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

SHW

Main boom: 60~66 m Jib: 24~84 m

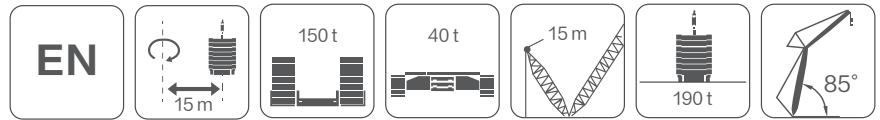


	60											66												
	24	30	36	42	48	54	60	66	72	78	84	24	30	36	42	48	54	60	66	72	78	84		
16	176											151												
18	173	146										148	127											
20	164	144	122	103								144	125	107										
22	151	138	121	103	87.7							135	123	106	91.8									
24	139	129	117	102	87.6	74.7						125	115	105	91.2	78.8								
26	128	120	111	101	87.3	74.5	63.9	55.9				115	108	99.7	90.4	78.6	67.8	58.4						
28	117	111	104	96.1	86.9	74.3	63.7	55.8	48.5			106	100	93.9	86.6	78.3	67.6	58.3	51.3					
30		102	97.4	90.9	83.5	74	63.5	55.8	48.4	41.8			93.4	88	82.1	77.8	67.4	58.1	51.2	44.8				
32		94.9	90.7	85.6	79.5	72.8	63.3	55.6	48.3	41.7	36.6			86.6	82.3	77.5	75.5	67	57.9	51.1	44.7	38.9	34.2	
34		87.4	84.4	80.5	75.5	69.8	63	55.5	48.2	41.5	36.5			80.2	76.8	73	72	66.1	57.6	51	44.6	38.8	34.1	
36			78.3	75.4	71.4	66.6	61.3	55.3	48	41.4	36.4				71.6	68.6	68.4	63.4	55.8	50.8	44.5	38.7	34	
38			72.7	70.5	67.4	63.5	58.9	54.4	47.8	41.2	36.2				66.7	64.4	64.9	60.6	53.6	49.7	44.4	38.6	33.9	
40				65.9	63.5	60.3	56.4	52.5	47.7	41	36.1					60.3	61.3	57.8	51.4	47.9	44.2	38.4	33.8	
42				61.5	59.7	57.2	53.9	50.5	46.6	40.9	35.9					56.5	57.9	54.9	49.2	46.1	44	38.3	33.6	
44				57.4	56.1	54.1	51.4	48.5	45	40.7	35.8					52.8	54.6	52.2	46.9	44.3	42.6	38.1	33.5	
46					52.7	51.2	49	46.5	43.4	39.9	35.6						51.4	49.4	44.7	42.5	41.2	37.8	33.3	
48					49.5	48.3	46.6	44.5	41.8	38.7	35.4						48.4	46.8	42.6	40.7	39.7	36.6	32.7	
50						45.6	44.2	42.5	40.2	37.4	34.6						45.5	44.3	40.5	38.9	38.2	35.5	31.8	
52						43	42	40.6	38.6	36.1	33.6					42.8	41.9	38.4	37.1	36.8	34.3	30.8		
54						40.6	39.8	38.7	37	34.8	32.6						39.5	36.5	35.4	35.3	33.1	29.8		
56							37.7	36.9	35.5	33.6	31.5						37.3	34.6	33.7	33.8	31.9	28.9		
58							35.7	35.1	33.9	32.3	30.5							32.8	32.1	32.4	30.7	27.9		
60							33.8	33.4	32.4	31	29.4								31.1	30.6	31	29.5	26.9	
62								31.8	31	29.8	28.4									29.1	29.7	28.4	25.9	
64								30.2	29.6	28.6	27.4										27.7	28.3	27.2	25
66									28.3	27.4	26.3											27.1	26.1	24.1
68									27	26.3	25.3											25.8	25.1	23.1
70									25.7	25.2	24.4											24.7	24	22.2
72										24.1	23.4											23.6	23	21.4
74										23.1	22.5												22	20.5
76											21.6												21.1	19.7
78											20.8												20.2	18.9
80											19.9													18.2

Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "***" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

SHW

Main boom: 72~78 m Jib: 24~84 m

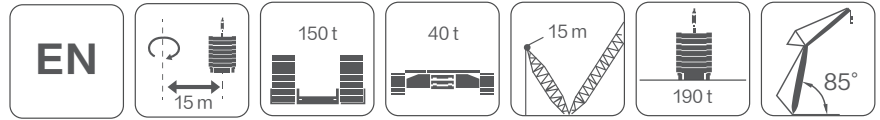


m	72											78										
	24	30	36	42	48	54	60	66	72	78	84	24	30	36	42	48	54	60	66	72	78	84
18	131	114										113										
20	128	112	97.5									110	97.8	85.7								
22	122	110	96.5	83.9								107	95.8	84.6	74.3							
24	114	105	95.1	83.2	72.4	62.9						102	93.5	83.2	73.6	64.7						
26	105	98.7	91.2	82.3	72	62.7	54.6					95.4	88.6	81.6	72.7	64.2	56.5	49.6				
28	98	92.1	86	79.5	71.4	62.4	54.5	48.1				88.9	83.1	77.4	71.5	63.6	56.1	49.4	43.9			
30	90.7	85.7	80.8	75.4	69.5	62.1	54.2	48	42.1			82.8	77.8	73	68	62.7	55.7	49.1	43.7	38.6		
32		79.7	75.7	71.3	66.3	61.1	54	47.9	42	36.7	32.4		72.7	68.7	64.5	59.9	55.2	48.8	43.6	38.5	33.8	
34		74	70.8	67.2	63.1	58.5	53.7	47.7	41.9	36.6	32.4		67.8	64.5	61	57.1	53	48.5	43.3	38.4	33.7	29.9
36			66.1	63.2	59.8	56	51.7	47.5	41.8	36.5	32.3			60.4	57.6	54.3	50.8	47	43.1	38.2	33.6	29.8
38			61.6	59.4	56.6	53.3	49.7	46.1	41.6	36.4	32.2			56.6	54.3	51.5	48.5	45.1	41.9	38	33.5	29.7
40			57.5	55.7	53.4	50.7	47.6	44.4	40.9	36.2	32.1			53.1	51.1	48.8	46.2	43.3	40.4	37.2	33.3	29.6
42				52.2	50.4	48.2	45.5	42.7	39.6	36	31.9				48	46.1	44	41.4	38.9	36	33	29.5
44				48.9	47.5	45.7	43.4	41	38.2	35.2	31.8				45.2	43.6	41.8	39.6	37.3	34.8	32.1	29.4
46					44.7	43.3	41.3	39.3	36.8	34.1	31.4				42.5	41.1	39.6	37.8	35.8	33.5	31.1	28.6
48					42.1	40.9	39.3	37.6	35.4	32.9	30.5					38.8	37.6	36	34.3	32.3	30	27.8
50					39.6	38.7	37.4	35.9	34	31.8	29.6					36.6	35.6	34.3	32.8	31	29	26.9
52						36.6	35.5	34.3	32.6	30.7	28.6						33.7	32.6	31.3	29.8	28	26.1
54						34.6	33.7	32.7	31.2	29.5	27.7						31.9	31	29.9	28.5	26.9	25.2
56						32.6	32	31.1	29.9	28.4	26.7						30.2	29.4	28.5	27.3	25.9	24.4
58							30.3	29.6	28.6	27.3	25.8							28	27.2	26.2	24.9	23.5
60							28.7	28.2	27.3	26.2	24.9							26.6	25.9	25	23.9	22.7
62								26.8	26.1	25.1	23.9								24.7	23.9	22.9	21.8
64								25.5	24.9	24.1	23								23.5	22.9	22	21
66								24.3	23.8	23.1	22.1								22.4	21.8	21.1	20.2
68									22.7	22.1	21.3									20.9	20.2	19.4
70									21.7	21.1	20.4									19.9	19.4	18.6
72										20.2	19.6									19	18.5	17.9
74										19.4	18.8										17.7	17.2
76										18.5	18.1										17	16.5
78											17.3											15.8
80											16.6											15.2
82											15.9											14.6

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
- 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
- 3. The mark "***" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

SHW

Main boom: 84 m Jib: 24~84 m

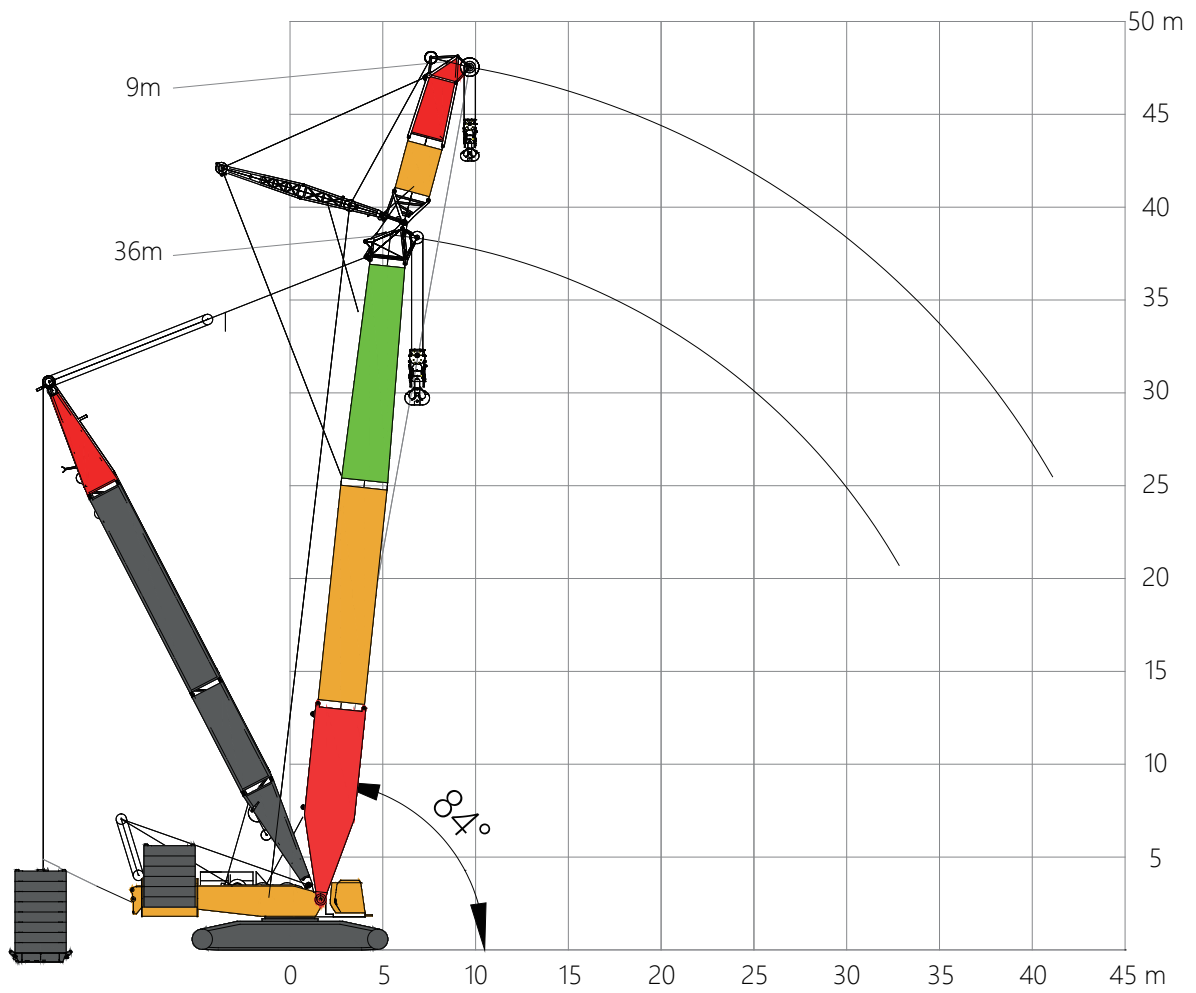


84											
84	24	30	36	42	48	54	60	66	72	78	84
18	101										
20	99.2	88.2									
22	96.2	86.3	76.7	67.9							
24	93.2	84.2	75.4	67.2	59.4						
26	87.6	81.3	73.9	66.2	58.9	52.2					
28	81.9	76.5	71.1	65.1	58.2	51.8	45.8				
30	76.5	71.8	67.2	62.7	57.4	51.3	45.6	40.7	36.1		
32		67.2	63.4	59.5	55.3	50.8	45.2	40.5	36	31.8	
34		62.9	59.7	56.4	52.8	49.1	44.8	40.3	35.8	31.7	28.2
36		58.9	56.1	53.3	50.2	47	43.5	40	35.6	31.5	28.1
38			52.6	50.3	47.7	44.9	41.8	38.8	35.4	31.4	28
40			49.4	47.4	45.2	42.8	40.1	37.4	34.6	31.2	27.9
42				44.7	42.8	40.8	38.4	36	33.4	30.7	27.7
44				42.1	40.5	38.7	36.7	34.6	32.3	29.8	27.3
46				39.6	38.3	36.8	35	33.2	31.1	28.8	26.6
48					36.2	34.9	33.4	31.8	29.9	27.9	25.8
50					34.2	33.1	31.8	30.4	28.7	26.9	25
52						31.4	30.2	29	27.6	25.9	24.2
54						29.7	28.8	27.7	26.4	24.9	23.4
56						28.2	27.4	26.5	25.3	24	22.5
58							26	25.2	24.2	23	21.7
60							24.7	24	23.2	22.1	20.9
62							23.5	22.9	22.1	21.2	20.1
64								21.8	21.2	20.3	19.4
66								20.8	20.2	19.5	18.6
68									19.3	18.7	17.9
70									18.4	17.9	17.2
72									17.6	17.1	16.5
74										16.4	15.8
76										15.7	15.2
78											14.6
80											14
82											13.4

- Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.
 2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.
 3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

SHFS

Superlift TBM operation mode



SHFS

Superlift TBM main boom combination

Boom combination code*	1	36	6	7	8
Boom length	1	1	1	1	1
36	1	1	1	1	1

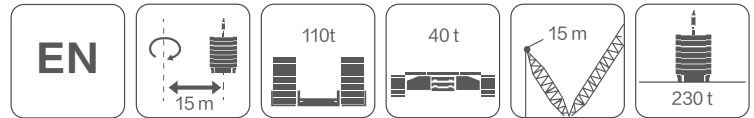
Note: *Refer to the appendix on the last page for details

Superlift TBM jib boom combination

Boom combination code*	15	9	14
Boom length	1	1	1
9	1	1	1

Note: *Refer to the appendix on the last page for details

Main boom: 36 m Jib: 9 m



Standard TBM operation mode

Main boom angle	Main hook radius	Main hook load	Auxiliary hook radius	Auxiliary hook load	Main and auxiliary hooks Combined lifting
82.16	8	400*	14.0	123*	244*
80.54	9	400*	15.2	120*	238*
78.91	10	400*	16.4	117*	233*
77.27	11	400*	17.6	114*	227*
75.62	12	400	18.7	112*	222*
73.95	13	393	19.9	109*	218*
72.27	14	363	21.1	107*	214*
70.56	15	337	22.3	105*	210*
68.84	16	315	23.4	103*	206*
67.09	17	294	24.6	101*	203*
65.32	18	276	25.8	100*	199
63.52	19	259	26.9	98.7*	196
61.69	20	245	28.1	97.3*	194
59.83	21	232	29.2	96*	191
57.92	22	219	30.3	94.8*	189
55.97	23	207	31.5	93.8*	179
53.97	24	195	32.6	92.9*	170
51.91	25	184	33.7	92*	161
49.79	26	174	34.8	91.3*	153
47.6	27	165	35.9	90.7*	146
45.31	28	156	37.0	90.3*	139
42.93	29	147	38.1	90*	132
40.42	30	140	39.1	89.8*	126

Notes: 1. The actual lifting capacity must be calculated by subtracting the weight of the hook, sling, and wire rope wound on the hook and boom head from the rated lifting capacity in this table.

2. The rated lifting capacity in the table is for lifting a heavy load slowly and stably on a horizontal hard ground.

3. The mark "*" next to the lifting capacity in the table indicates a risk of backward tipping when the hook is empty in these operation modes. Refer to the instructions for the minimum load.

Transport Component Dimensions

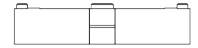
Basic machine

Length	12300 mm
Width	3000 mm
Height	3320 mm
Weight	51310 kg
Quantity	1



Counterweight slab

Length	2750 mm
Width	2000 mm
Height	630 mm
Weight	10000 kg
Quantity	12



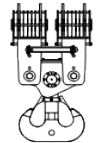
Crawler beam

Length	10110 mm
Width	1550 mm
Height	1550 mm
Weight	26500 kg
Quantity	2



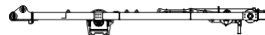
400 t hook

Length	1680 mm
Width	950 mm
Height	3100 mm
Weight	6650 kg
Quantity	1



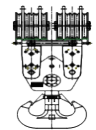
Mast assembly

Length	11740 mm
Width	2310 mm
Height	1350 mm
Weight	11300 kg
Quantity	1



320 t hook

Length	1310 mm
Width	1220 mm
Height	2970 mm
Weight	6000 kg
Quantity	1



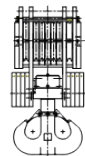
Hoisting system

Length	1890 mm
Width	1320 mm
Height	1150 mm
Weight	6400 kg
Quantity	2



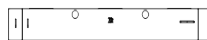
200 t hook

Length	950 mm
Width	990 mm
Height	2250 mm
Weight	4150 kg
Quantity	1



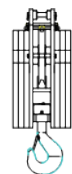
Central counterweight slab

Length	5800 mm
Width	1790 mm
Height	720 mm
Weight	20000 kg
Quantity	2



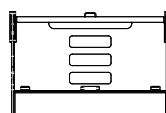
50 t hook

Length	640 mm
Width	760 mm
Height	1840 mm
Weight	2430 kg
Quantity	1



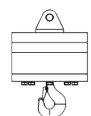
Turntable counterweight frame

Length	3100 mm
Width	2620 mm
Height	2030 mm
Weight	15000 kg
Quantity	2



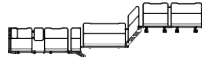
16 t hook

Length	600 mm
Width	600 mm
Height	870 mm
Weight	860 kg
Quantity	1



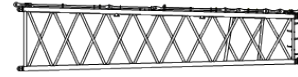
Catwalk

Length	—
Width	—
Height	—
Weight	430 kg
Quantity	1



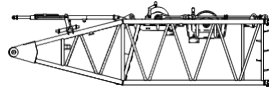
Main boom 12 m transition section assembly

Length	12350 mm
Width	3000 mm
Height	2890 mm
Weight	6510 kg
Quantity	1



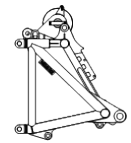
Boom butt section assembly

Length	10800 mm
Width	3000 mm
Height	3400 mm
Weight	15620 kg
Quantity	1



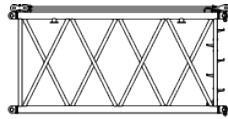
Boom head

Length	1380 mm
Width	1020 mm
Height	1300 mm
Weight	3200 kg
Quantity	1



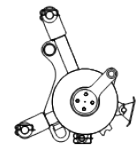
Main boom 6 m heavy-duty section assembly

Length	6260 mm
Width	3000 mm
Height	2880 mm
Weight	2900 kg
Quantity	2



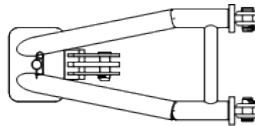
Pulley block of boom

Length	1380 mm
Width	1020 mm
Height	1300 mm
Weight	880 kg
Quantity	1



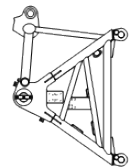
Reinforced counterweight additional bracket

Length	1350 mm
Width	1150 mm
Height	650 mm
Weight	220 kg
Quantity	1



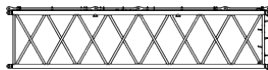
Tower jib butt section assembly

Length	2930 mm
Width	2720 mm
Height	2430 mm
Weight	1350 kg
Quantity	1



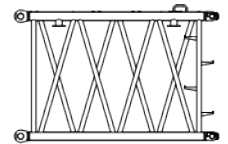
Main boom 12 m heavy-duty section II assembly

Length	12190 mm
Width	3000 mm
Height	2880 mm
Weight	5230 kg
Quantity	2



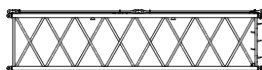
Tower jib 3 m section A

Length	3170 mm
Width	2530 mm
Height	2090 mm
Weight	1150 kg
Quantity	1



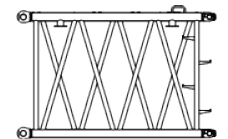
Main boom 12 m light-duty section assembly

Length	12190 mm
Width	3000 mm
Height	2880 mm
Weight	4710 kg
Quantity	2

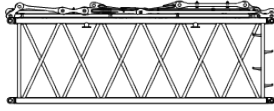


Tower jib 3 m section B

Length	3170 mm
Width	2530 mm
Height	2090 mm
Weight	840 kg
Quantity	1



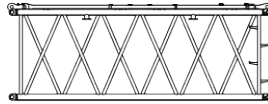
Tower jib 6 m section A	
Length	6140 mm
Width	2530 mm
Height	2430 mm
Weight	1710 kg
Quantity	1



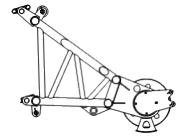
Tower jib front/rear strut	
Length	15350 mm
Width	2630 mm
Height	2150 mm
Weight	7330 kg
Quantity	1



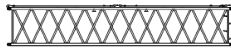
Tower jib 6 m section B	
Length	6140 mm
Width	2530 mm
Height	2170 mm
Weight	1710 kg
Quantity	1



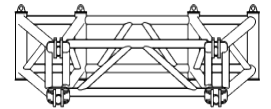
Single pulley	
Length	2820 mm
Width	700 mm
Height	1200 mm
Weight	500 kg
Quantity	1



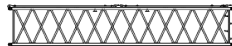
Tower jib 12 m A	
Length	12190 mm
Width	2530 mm
Height	2170 mm
Weight	3190 kg
Quantity	2



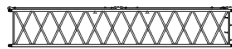
Enhanced counterweight bracket body	
Length	4090 mm
Width	2450 mm
Height	1470 mm
Weight	1800 kg
Quantity	1



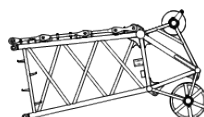
Tower jib 12 m B	
Length	12190 mm
Width	2530 mm
Height	2170 mm
Weight	3020 kg
Quantity	1











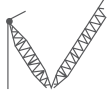


Tower jib 12 m C	
Length	12190 mm
Width	2530 mm
Height	2170 mm
Weight	3030 kg
Quantity	2



Tower jib top section	
Length	5430 mm
Width	2530 mm
Height	2970 mm
Weight	2620 kg
Quantity	1



Symbol markings

	Rated lifting capacity		Maximum boom length
	Maximum combined boom length		Turntable counterweight
	Working radius		Superlift counterweight
	Undercarriage counterweight		Superlift counterweight radius
	Superlift mast		Main boom angle
	The load charts are calculated according to EN 13000.		

Boom designation

No.	Item	Length (m)	No.	Item	Length (m)
①	Main boom 10.5 m butt section	10.5	⑨	3 m section A	3
②	Main boom 6 m insert section	6	⑩	3 m section B	3
③	Main boom 12 m thick-wall insert section I	12	⑪	6 m section	6
③	Main boom 12 m thick-wall insert section II	12	⑫	12 m section A	12
⑤	Main boom 12 m thin-wall insert section	12	⑬	12 m section B	12
⑥	Main boom 12 m transition section	12	⑭	Tower jib top section	4.5
⑦	Main boom 1.5 m head	1.5	⑮	Tower jib butt section	3
⑧	Pulley block of boom head	—	⑯	12 m section C	1.5

Construction Cases



XLC450 Crawler Crane

To accommodate continuous product improvements, we reserve the right to modify product model specifications and configurations. For the latest technical details, please consult your sales representative.

The images are for reference only. Actual products may vary. The product shown may not include standard components. Some parts may require separate purchase.



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XCMG CRANE



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