



SCC6000A-1

SANY CRAWLER CRANE



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QUALITY CHANGES THE WORLD

The parameters, pictures and standard/optional equipment are only for reference in this brochure, the actual machine is based on the effective price list and contract.

V1.0

01

04 / INTRODUCE

04

08 / TRANSPORT DIMENSION

02

06 / OUTLINE DIMENSION

05

11 / MAIN CHARACTERISTICS

Product Specification
Safety Device

03

07 / MAIN PERFORMANCE
PARAMETERS

06

15 / CONFIGURATIONS

ZHJDB configuration
ZHJ configuration
ZH configuration
ZHDB configuration
LJDB configuration
ZLJ configuration
ZLJDB configuration
HJFJ_3 configuration
HJFJDB_6 configuration
FJh configuration
FJhDB configuration

01 | Introduce

600t

Max. lifting capacity

144m

Longest boom

90m+90m

Longest boom+jib

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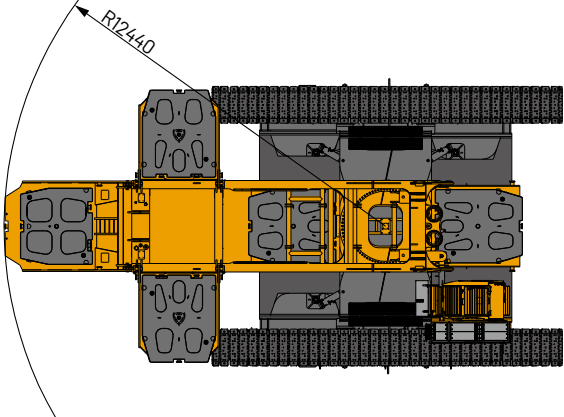
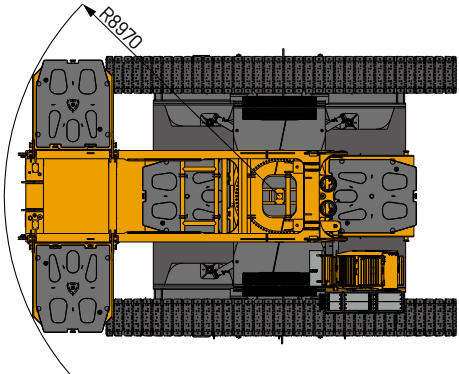
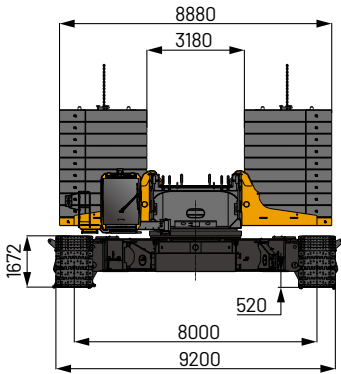
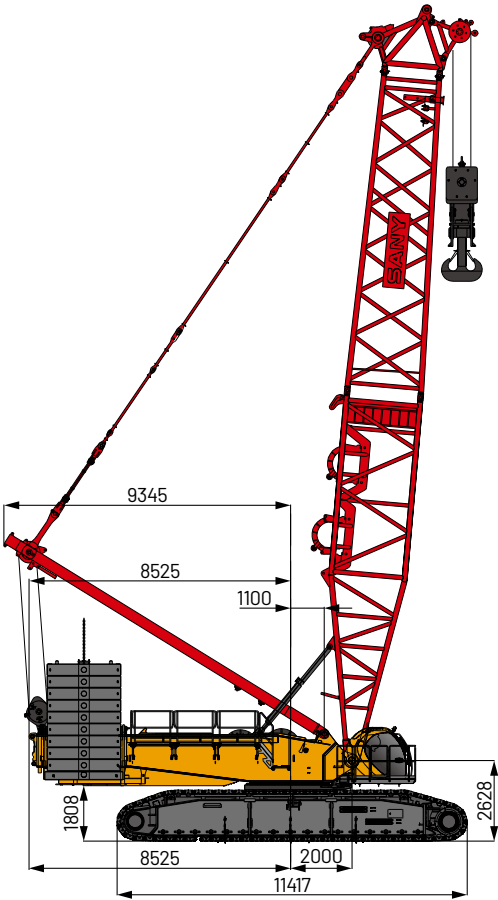
02 | Outline Dimension

Earthed Length
10200mm

Max. Width
9200mm

Max. Height
5880mm

Max. radius of rotation (without additional weight)	8970mm
Max. radius of rotation (with additional weight)	12440mm
Height of the undersurface of the weight	1800mm
Width of track shoes	1200mm

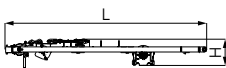
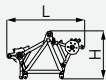
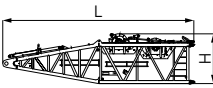
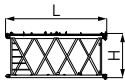
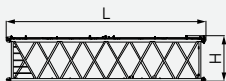
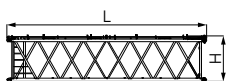
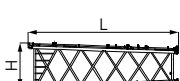
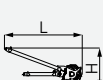
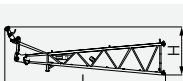


03 | Main Performance Parameters

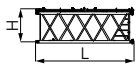
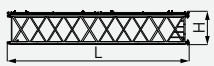
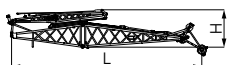
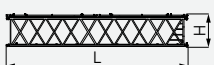
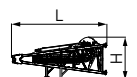
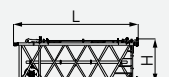
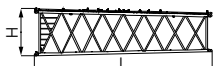
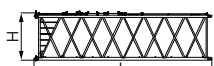
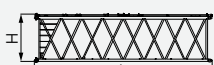
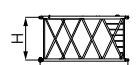
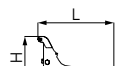
Performance Indicators	Unit	Parameter
Max. rated lifting capacity	t	565
Max. rated lifting capacity (with superlift)	t	600
Boom length	m	24~84
Boom length (with superlift)	m	36~135
Length of luffing jib	m	27~72
Length of luffing jib (with superlift)	m	27~90
Combination of longest boom+jib (LJDB configuration)	m	90+90
Mixed power boom +fixed jib	m	102+12
Mixed power boom+ fixed jib (with superlift)	m	132+12
Boom hoisting angle	°	30~85
Jib luffing angle	°	25~75
Max. speed of single rope of the main load hoist	m/min	0~140
Max. speed of single rope of the aux.load hoist	m/min	0~140
Max. speed of single rope of the boom hoisting	m/min	(0~70) × 2
Max. speed of single rope of the jib luffing	m/min	0~110
Max. speed of single rope of the superlift luffing	m/min	0~110
Slewing speed (no load)	r/min	0~0.86
Travel speed	km/h	0~1(high)/0~0.35(low)
Gradeability (with base boom, driver's cab backwards)	%	15
Rated output power of the engine	kW/rpm	447/1800
Average ground pressure of the crawler (basic boom, 200t rear counterweight, 50t carbody counterweight and 500t hook)	MPa	0.185
Rear counterweight	t	200 (without superlift) / 160 (with superlift)
Superlift counterweight	t	250
Carbody counterweight	t	50
Additional counterweight	t	47/57 (without superlift)
Maximum transport dimensions of single piece (L × W × H)	mm	12900 × 3000 × 3200
Maximum transport weight of single piece	t	58
Transport weight of basic machine (with basic boom, 200t rear counterweight, 50t carbody counterweight and 500t hook)	t	450

04 | Transport Dimension

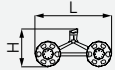
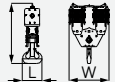
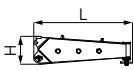
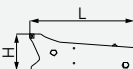
Note: Transport dimensions of components are schematic and not drawn to scale. The dimensions indicated are design values and do not include packaging. The weight is a design value and may vary slightly due to manufacturing tolerances.

No.	Item	Shape	Size (L × W × H) (m)	Weight (t)	Quantity
1	Basic machine		12.90 × 3.00 × 3.20	58.0	1
2	Crawler assembly		11.40 × 1.67 × 1.63	34.8	2
3	Boom hoisting mast		12.30 × 2.20 × 1.75	18.54	1
4	Boom tips		3.85 × 3.02 × 2.38	6.4	1
5	Boom base (with the load hoisting winches)		12.34 × 3.00 × 3.25	26.1	1
6	3m boom insert		3.20 × 3.00 × 2.77	1.84	1
7	6m boom insert		6.20 × 3.00 × 2.82	3.01	2
8	12m boom insert A		12.20 × 3.00 × 2.82	5.97	1
9	12m boom insert C		12.20 × 3.00 × 2.82	5.97	1
10	Tapered boom insert		10.70 × 3.00 × 2.78	7.39	1
11	Tapered insert of mixed boom		9.19 × 3.00 × 2.78	3.55	1
12	Extension jib		2.83 × 1.70 × 1.50	0.46	1
13	Front and rear mast of luffing jib		16.80 × 3.00 × 1.71	11.05	1
14	Luffing jib base		9.84 × 3.00 × 2.78	5.66	1
15	Luffing jib top		9.75 × 2.54 × 2.50	5.64	1

04 | Transport Dimension

No.	Item	Shape	Size (L × W × H) (m)	Weight (t)	Quantity
16	6m luffing jib insert A		6.20 × 2.54 × 2.15	2.30	2
17	12m luffing jib insert A		12.20 × 2.54 × 2.15	4.07	1
18	Fixed jib assembly		14.00 × 2.40 × 3.25	5.22	1
19	12m luffing jib insert B		12.20 × 2.54 × 2.15	3.66	1
20	Superlift mast base		6.30 × 2.61 × 2.84	10.0	1
21	Superlift mast insert		6.21 × 2.96 × 2.14	2.9	1
22	Superlift mast insert		12.21 × 3.02 × 2.60	9.0	1
23	Superlift mast top		6.30 × 2.96 × 2.48	7.78	1
24	12m power boom lower transition insert		12.20 × 3.56 × 3.25	8.4	1
25	12m power boom upper transition insert		12.20 × 3.56 × 3.25	7.82	1
26	12m power boom insert A		12.20 × 3.56 × 3.25	7.4	1
27	12m power boom insert B		12.20 × 3.56 × 3.25	7.30	2
28	6m power boom insert		6.20 × 3.56 × 3.25	3.8	2
29	Superlift counterweight tray		8.60 × 2.50 × 1.85	10.0	1
30	Rear counterweight tray		3.18 × 2.83 × 1.80	10.0	2

04 | Transport Dimension

No.	Item	Shape	Size (L × W × H) (m)	Weight (t)	Quantity
31	10t counterweight block		3.18 × 2.40 × 0.45	10.0	40
32	Trolley		3.00 × 2.00 × 1.53	1.09	1
33	Hook counterweight		1.30 × 1.00 × 0.16	0.79	4
34	500t Hook		4.13 × 2.91 × 1.00	11.53	1
35	350t Hook		3.74 × 1.72 × 1.00	8.04	1
36	180t Hook		3.06 × 1.31 × 1.07	7.95	1
37	160t Hook		2.64 × 1.02 × 0.6	3.12	1
38	50t hook		2.30 × 1.02 × 0.45	1.69	1
39	16t hook		1.10 × 0.53 × 0.53	0.94	1
40	Portable power pack		1.10 × 0.77 × 1.09	0.2	1
41	Side outrigger		3.62 × 0.98 × 0.80	1.58	2
42	Carbody counterweight tray		3.03 × 2.94 × 1.05	15	2
43	Additional rear counterweight tray		4.12 × 2.94 × 1.92	7.15	1

05 | Main Characteristics

1 Product Specification

Engine

- Model: X15-C600 447KW Stage III Cummins.
- Rated power: 447KW.
- Rated speed: 1800rpm.
- Maximum output torque: 2779N.m
- Speed at the maximum output torque: 1400rpm.
- Fuel tank capacity: 1000L.

Electrical control system

- Self-developed SYIC-I integrated control system is adopted with higher integration, precise operation and reliable quality.
- Control system consists of power system, engine system, main control system, LMI system, auxiliary system and safety monitoring system.
- Main electrical components are from internationally or industrially well-known brands, and they can perform stably in such bad environment as in severe low or high temperature, plateau, and sandstorms. The design with multi-stage safety limits and kinds of safety signal indicators, totally complies with CE Standard.
- LMI, combined monitors and closed circuit monitor are directly visible to operator. LMI detects the lifting moment and other status; combined monitors display operation conditions, limited status under control and alarms; closed circuit monitor monitors working conditions of the winch and rear parts. For armrest boxes at both sides, there are three operation levers, and the button switches the control functions, so the function elected and respective operating range of the lever will appear on the monitors.

Cab and control

- Fully-enclosed steel frame structure and large area of glass window at front, sides and top make brightened cab with broaden view. The floating, damping and de-noising, and multi-stage adjusted seat, and air conditioner enable better operating experience. There are control lever, control button and ignition lock fitted in the right and left armrest box and assisting control box. The low noise (less than 85dB), the ergonomically designed seat and buttons realize more comfortable operation. The cab can tilt up from 0°~24° for broaden view and rotates to the front of the platform for convenient transport.

Closed circuit camera system

- The camera system is fitted with two monitors and multi cameras, each monitor displaying four pictures simultaneously at most, realizing real-time monitoring the rope rotating of the winch drum, lifting status of the superlifting counterweight and surrounding.
- The system is equipped with recording function, and longest reserving time can be up to 76 hours, providing reference to the operation and accident.

Hydraulic system

- Main pumps: Five close piston pumps of electronic proportion are adopted to provide oil supply for main actuators of main machine.
- Assisting pump: Electronic proportion open piston pump, providing oil for assisting cylinder.
- Back-stop pump: Load-sensitive feedback pump, providing oil for back-stop system.
- Gear pump: Dual-gear pump for oil-boosting system, oil radiator, A/C control circuit.
- Control: Closed main pump adopts electronically controlled system, and the electronic lever controls the closed the pump and variable-placement motor.
- Rated pressure of main system: 35MPa.
- Rated oil boosting system: 3.5 MPa.
- Hydraulic tank capacity: 800L.
- Components: Hydraulic system of load hoisting, traveling, swing, hoisting and luffing, servo, anti-backstop, cooling, aux. system. Main components are all imported originally.
- Features: Closed circuit is adopted for all load hoisting hydraulic, traveling hydraulic, luffing hydraulic and swing hydraulic system, featured by saving energy, high-efficiency, fast-reaction, low heat emission, and long service life.
- Servo hydraulic system adopts electronic proportion controlled components for accurate and smart control.
- Backstop hydraulic system adopts external-controlled releasing balance valve on the hydraulic, safety and reliable.
- Cooling system is featured with high radiating power and excellent cooling result.

Main and aux. load hoist mechanism

- A variable hydraulic motor drives the planetary gear reducer to control the lifting and lowering of main hoists I and II. A good inching performance is provided. The highest speed can be realized through main hoist I and II. Synchronization function is designed. One hoist for load less than 225t, dual main hoists work at the same time for load exceeding 225t; When single rope pull of any main hoist is larger than 6t, the synchronization function acts, winching speed of out most layer reaches 140m/min, and the largest parts of line is 36. Multiple layers of wire rope on fold-line drum can avoid messing rope. The gearbox is quiet and efficient, with longer service life and convenient fuel change.

Main load hoist mechanism I	Drum diameter	630mm
	Rope speed on the outermost work layer	0~140m/min
	Wire rope diameter	Φ28mm
	Wire rope length of main hoist I	870m
Main load hoist mechanism II	Rated single line pull	17.8t
	Drum diameter	630mm
	Rope speed on the outermost work layer	0~140m/min
	Wire rope diameter	Φ28mm
	Wire rope length of main hoist II	870m
	Rated single line pull	17.8t

05 | Main Characteristics

1 Product Specification

Boom/jib/superlift hoist mechanism

- Including: Luffing mechanisms of the boom, jib and superlift.
- All luffing winches adopt fold-line drums, which are driven by hydraulic motor through the planetary gear box and can realize a number of compound actions and good inching performance.

Boom hoist mechanism	Drum diameter	630mm
	Rope speed on the outermost work layer	(0~70) × 2m/min
	Wire rope diameter	Φ28mm
	Wire rope length of boom hoisting	600m
Jib luffing mechanism	Drum diameter	630mm
	Rope speed on the outermost work layer	0~110m/min
	Wire rope diameter	Φ28mm
	Wire rope length of jib luffing	730m
Superlift mast luffing mechanism	Drum diameter	630mm
	Rope speed on the outermost work layer	0~110m/min
	Wire rope diameter	Φ28mm
	Wire rope length of superlift luffing	900m

Swing mechanism

- Swing hydraulic system adopts dual motors and is driven by the the planetary reducer via gear. It can realize 360° swinging range, infinitely variable swing speed of 0~0.86r/min, and steady free flipping function, without shocking at start and stop.
- Swing ring: three-row roller external-engaged bearing.

Carbody

- The hydraulic cylinder drives power pin to be connected with track frame to facilitate the assembly and disassembly. Frame structures are welded by high-strength steel. Larger chassis design greatly improves the stability of the crane.
- Carbody counterweight: Total weight:50t, each 25t at rear and front, including counterweight tray: 15t × 2, 10t standard counterweight block × 2.

Crawler assembly

- Track frame: Each track frame is equipped with an independent travel driving device. A hydraulic travel motor drives the planetary gear reducer and realizes independent traveling through the transmission of driving wheel. There are 4-stage speeds: 0.33km/h, 0.55km/h, 0.77km/h, 1.00km/h. The travel system is configured with high and low speeds: sufficient traction is provided in low speed to travel with 100% load, while faster job-site transfer is possible in high travel speed. Infinite variable speed can be realized in travel driving system.
- Track shoe: It is manufactured by advanced casting techniques and materials with high strength and good wear resistance. After assembled on the machine, the tension can be adjusted by a hydraulic jack with shims used to secure the crawler position.

Operation equipments

- All operation equipments adopt high-strength steel tubes and plates; the sheaves at boom tops and hooks are made of milled welded steel.

Counterweight

- Counterweight include carbody counterweight, rear counterweight, superlift counterweight and additional rear counterweight, and the details are listed below:

Name	QTY	Length (m)	Width (m)	Height (m)	Unit weight (t)
Carbody counterweight tray	2	2.99	2.94	1.06	15
Carbody counterweight block	2	2.85	2.4	0.48	10
Rear counterweight tray	2	3.18	2.83	1.8	10
Rear counterweight block	18	2.85	2.4	0.48	10
Superlift counterweight tray	1	8.6	2.5	4.4	10
Superlift counterweight block	20	2.85	2.4	0.48	10
Additional rear counterweight tray	1	4.12	2.95	1.92	715

Boom

- The boom is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load.
- The length of the boom ranges from that (24m) of the base boom to the maximum length (84m) and it can be increased progressively by 6m.
- Composition: Boom base 12m × 1, transitional insert 10.5m × 1, connecting section (boom top) 1.5m × 1, boom insert 6m × 2, and boom insert 12m × 2.
- 72m power boom (12m × 5+6m × 2).
- The extension jib can install on the boom top.

Fixed jib

- The fixed jib is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load.
- The length of fixed jib is 12m, and with jib extension.

Luffing jib

- The luffing jib is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load.
- The length of the luffing jib ranges from 27m to 90m.
- Composition: Jib base 10.5m × 1, jib insert 6m × 2, jib insert 12m × 2, and jib top 9m × 1, mixed boom 9m.
- The extension jib can install on the jib top.

05 | Main Characteristics

1 Product Specification

Superlift device

- The superlift mast is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load.
- The superlift mast is 30m long.
- Composition: Mast base 6m × 1, insert section 6m × 1, insert section 12m × 1, and mast top 6m × 1.

Hook

- 6 kinds of hooks are available, and specific parameters are as follows:

Name	Max. Lifting Capacity	QTY	Pulleys	Basic weight (t)
500t hook	500t	1	2 × 13	11.53
350t hook	350t	1	2 × 7	11.2
180t hook	180t	1	2 × 3	8.01
160t hook	160t	1	5	4.09
50t hook	50t	1	1	1.45
16t hook	16t	1	-	0.94

Note:

The 500t hook, 350t hook and 180t hook can be respectively decomposed to 250t hook, 175t hook and 90t hook.

For shield configuration, 160t hook of a single sheave is available.

2 Safety equipment

Operating weight

- The operating weight is about 450t, including the upperworks, lowerworks, rear counterweight of basic machine, carbody counterweight, 24m basic boom and 500t hook.

Ground bearing pressure

- The average ground pressure of machine with basic boom is 0.185MPa.

Gradeability

- The gradeability of machine with basic boom is 15%.

Load moment limiter

- The proprietary load moment limiter independently -developed by Sany is adopted, which forms a network with other controllers through CAN bus line, so as to realize safe and reliable control. The load moment limiter can automatically detect the hoisting weight of the crane and the angle of the boom, and display the rated load capacity, actual load, working radius, and the lifting height of the hook.
- The load moment limiter system consists of a large-screen color display, a host computer, angle sensors, tension sensors, pressure sensors and other components.

Over-hoist protection of the main and auxiliary hooks

- It is used to prevent the over-hoist of the hook. When the lifting hook is raised to a certain height, the limit switch will start working, and hook will be automatically cut off from moving up by the control system. Meanwhile, the display and the buzzer will give alarms. At this moment, only hook lowering is allowed to prevent over-hoist action.

Over-release protection device of the main and auxiliary hook

- It is used to prevent the wire rope over-release. When the wire rope is released to the last three wraps, the limit switch will start working, and the releasing of rope will be automatically stopped by the control system. Meanwhile, the display and the buzzer will give alarms. At this moment, only rope retraction is allowed to prevent over release action.

Assembly/work mode switchover

- In assembly mode, some of the safety devices cannot function properly, such as jib lowering limit, boom angle limit in LML, and overload, so as to facilitate the crane assembly.
- In work mode, all safety devices can function properly.

05 | Main Characteristics

2 Safety equipment

Boom angle limit

- When boom angle exceeding 85° and jib angle exceeding 75°, corresponding limit switch will be triggered, and the control system will automatically cut off the boom hoisting. Meanwhile, the display and the buzzer will give alarm. At this moment, boom/jib luffing winch won't hoist but it can still lower down.
- When the boom angle is less than 30° and jib angle less than 15°, the control system will automatically cut off the boom/jib from further lowering. Meanwhile, the display and the buzzer will give alarms. At this moment, boom/jib luffing winch won't be able to lower. This protection is automatically controlled by Load Moment Limiter.

Back-stop device

- The boom and the superlift mast are respectively equipped with a pair of back-stop cylinders. The high pressure of the cylinder shall be overcome when the boom tilts backwards, and high pressure oil will be supplemented automatically when the boom swings forwards to increase the tension and prevent the boom vibration and shaking back.
- The jib rear mast is equipped with a pair of back-stop cylinders, while the jib front mast is equipped with a pair of pneumatic cylinders to prevent the mast from the backward inclination and tension of the jib luffing wire rope.

Brake of hoisting mechanism

- All hoisting brakes are spring loaded normally closed disc brakes, which are featured with large braking force, maintenance-free, safe and reliable, and long service life.

CCTV monitoring system

- It can be used to monitor the winding conditions of wire ropes of each hoisting mechanism, the conditions of superlift weight, and conditions around the equipment.

Failure auto-diagnosis system

- Failure code can help troubleshooting easily.

Black box

- It is able to record the operation data and machine movement, and analyze the remaining running conditions and service life of machine based on the actual performance.

Pharos

- It is mounted on the top of the boom/jib and alerts in air during night.

Anemometer

- It is mounted on the top of the boom/jib to monitor the wind speed in real time and display relative data on the monitor.

Electronic level indicator

- It displays the tilting angle of the crane on the monitor in real time and protects the safe operation of the crane.

Lightning protection device

- It includes the lightning protection device and the surge protection device, which can effectively protect the electric system elements and workers from lightning.

Hook latch

- The lifting hook is installed with a baffle plate to prevent wire rope from falling off.

Swing and traveling alarm

- During swing and traveling, the alarm horn will be blown per certain frequency to alert the personnel around the crane. The horn can be shut off through the display.

Function lock

- The operation will be locked by pulling up the function locking lever on the right side of the seat inside the driver's cab or when the operator left the seat, after which no operating handles will be working so that improper operation caused by the body collision when getting on and off the crane can be avoided.

Regulation of engine power ultimate load and stalling protection

- The controller can monitor the engine power so as to prevent stalling.

Engine status monitoring

- It can show the engine coolant temperature, fuel volume, total working hours, engine oil pressure, engine speed, battery and voltage.

Remote monitoring system

- It monitors and analyzes the operation data so as to realize remote diagnosis of faults and timely solution.

Emergent stop

- In a sudden loss of control, press the emergent stop, and brakes will be applied on all actions such as hoisting, luffing, swing and traveling and engine stop.

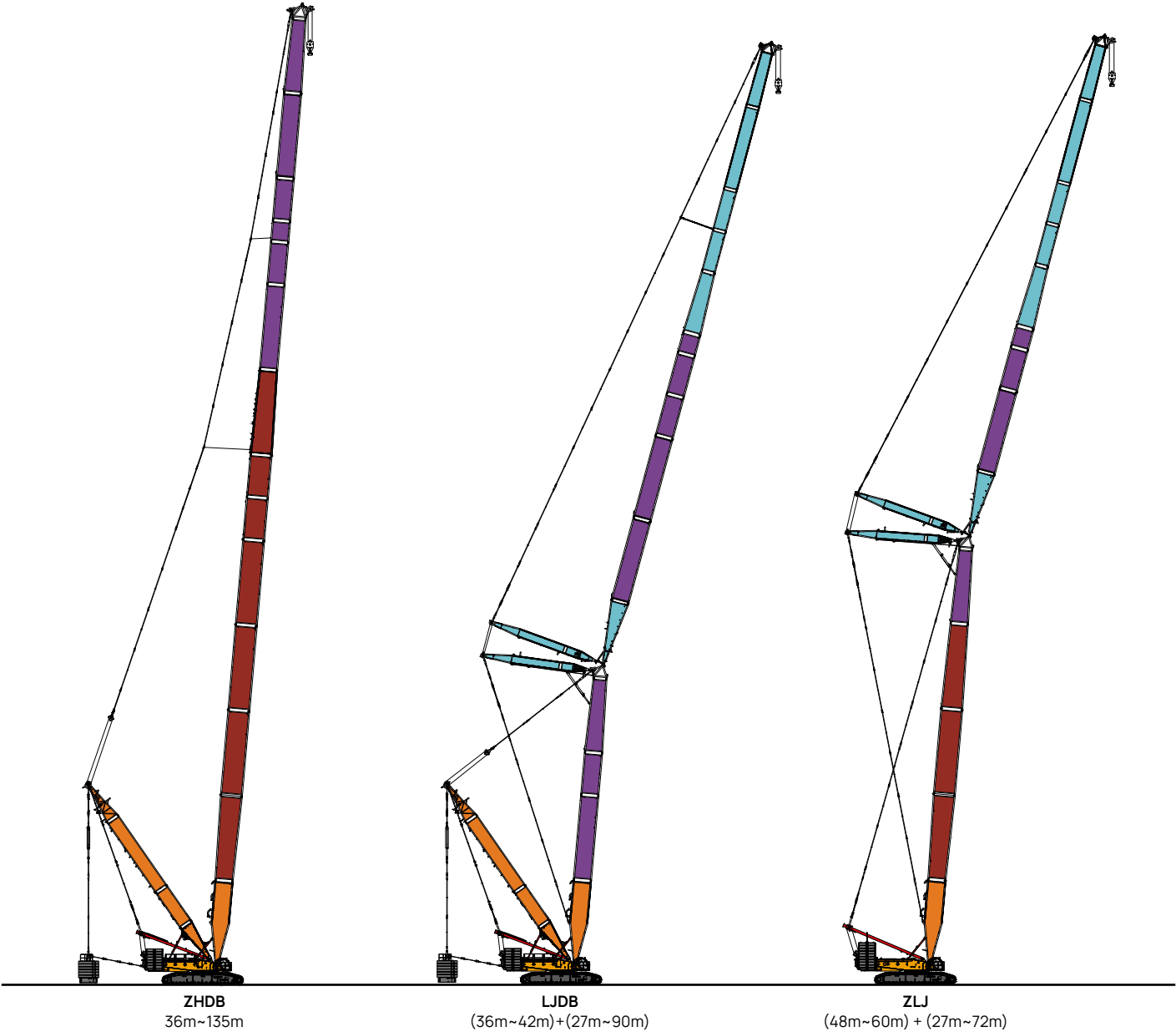
06 | Combination



Configuration	Boom combination	Boom length
ZHJDB	Power boom+boom+luffing boom	78m~144m
ZHJ-1	Power boom+boom+luffing boom	48m~72m
ZHJ-2	Power boom+boom+luffing boom	78m~102m
ZH	Power boom+boom	24m~84m

Note: The schematics above are reference for loading only.

06 | Combination



Configuration	Boom Combination	Boom Length
ZHDB	Power boom+boom+superlift mast+superlift counterweight	36m~135m
LJDB	Boom+Luffing jib+Superlift counterweight	(36m~42m)+(27m~90m)
ZLJ	Power boom+boom+luffing jib	(36m~60m) + (27m~72m)

Note: The schematics above are reference for loading only.

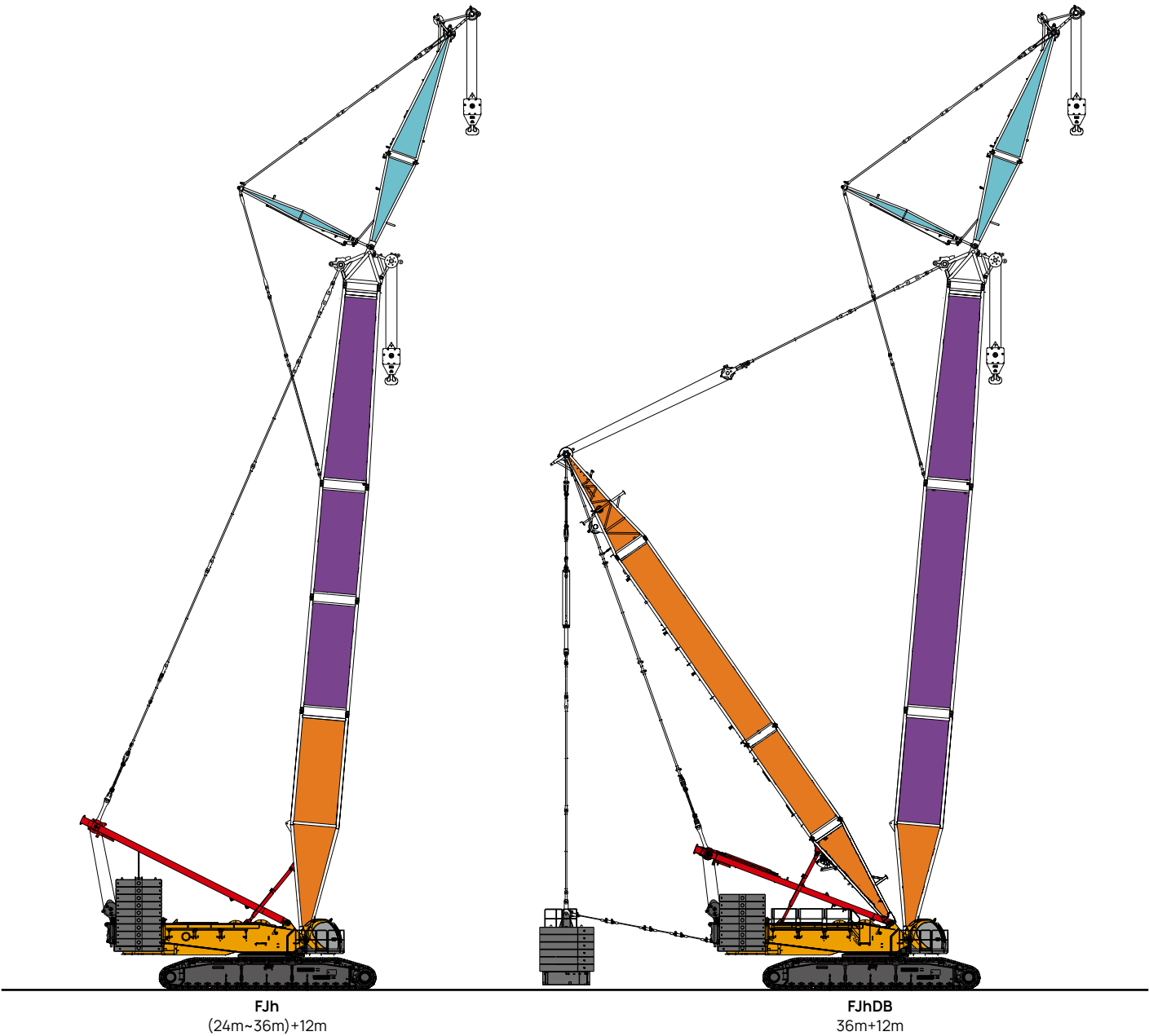
06 | Combination



Configuration	Boom Combination	Boom Length
ZLJDB	Power boom+boom+luffing jib+superlift mast+superlift counterweight	(48m~90m) + (27m~90m)
HJFJ_3	Power boom+boom+fixed jib	78m~102m
HJFJDB_6	Power boom+boom+fixed jib+superlift mast+superlift counterweight	93m~132m

Note: The schematics above are reference for loading only.

06 | Combination



Configuration	Boom Combination	Boom Length
FJh	Boom+fixed jib	(24m~36m)+12m
FJhDB	Boom+fixed jib+superlift mast+superlift counterweight	36m+12m

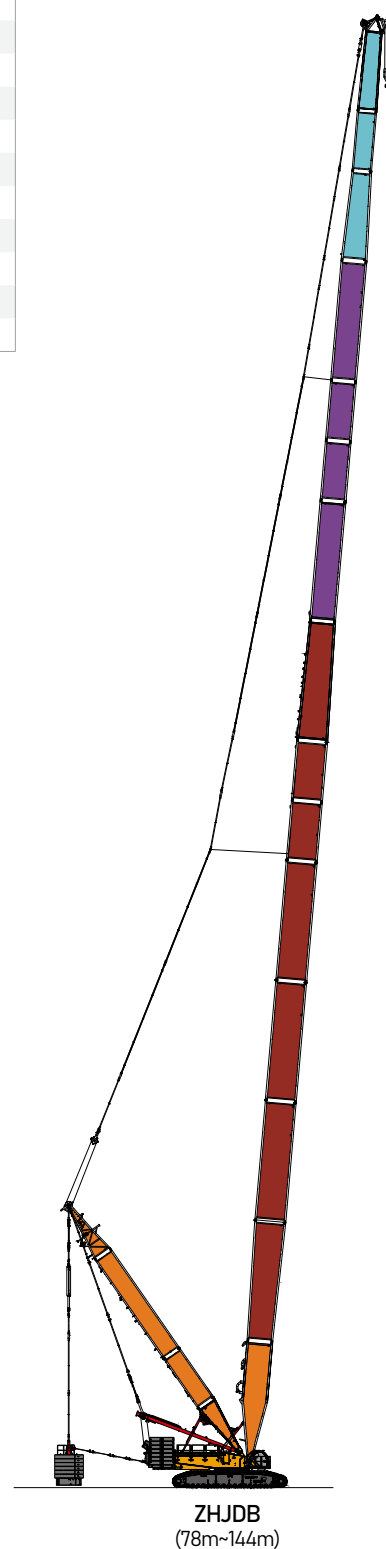
Note: The schematics above are reference for loading only.

06 | Boom Combination

ZHJDB configuration

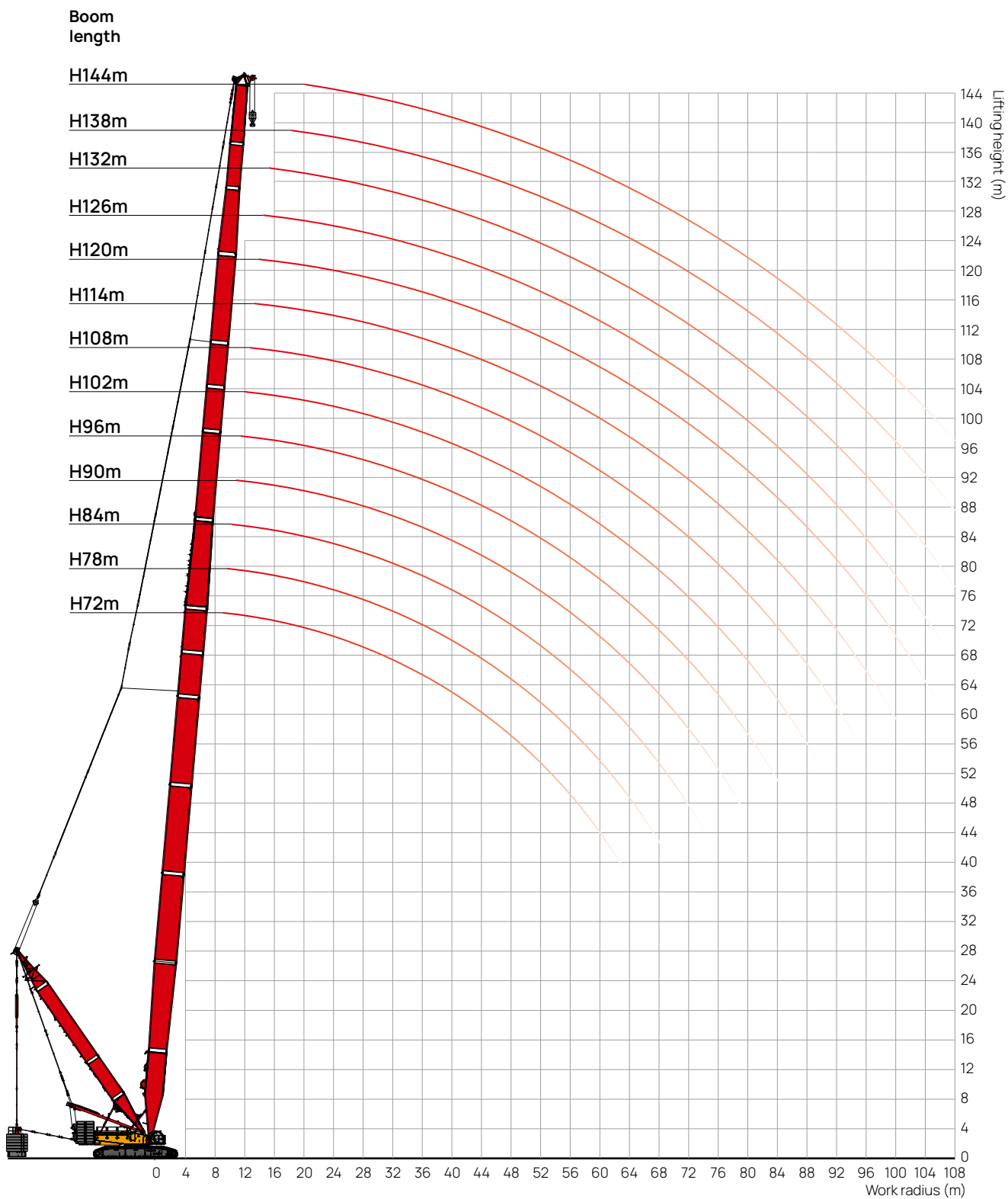
Boom length (m)	Boom insert			Power boom insert					Jib insert		
	6m/ (H6)	12m/ (H8A)	12m/ (H8C)	12m/ (ZH4A)	12m/ (ZH8A)	12m/ (ZH8B)	6m/ (ZH6)	12m/ (ZH4B)	9m/ (H4A)	6m/ LJ6A	9m/ (LJ1)
78	-	-	-	1	-	1	2	1	1	-	1
84	-	-	-	1	-	2	1	1	1	-	1
90*	-	-	-	1	-	2	2	1	1	-	1
96*	1	-	-	1	-	2	2	1	1	-	1
102*	-	-	-	1	1	2	2	1	1	-	1
108*	1	-	-	1	1	2	2	1	1	-	1
114*	-	-	1	1	1	2	2	1	1	-	1
120*	1	-	1	1	1	2	2	1	1	-	1
126*	-	1	1	1	1	2	2	1	1	-	1
132*	1	1	1	1	1	2	2	1	1	-	1
138*	2	1	1	1	1	2	2	1	1	-	1
144*	1	1	1	1	1	2	2	1	1	1	1

Note: For combinations marked with "**", the mid-point suspension cable must be used, otherwise, the boom system may break. Attention: If the boom length is 90m and more, the crane must boom up from side by side erection outrigger, otherwise, the crane may tip over!



06 | Working Range

ZHJDB configuration



06 | Load Chart

ZHJDB configuration

Unit: t

 m	Boom length 78~144m, Superlift radius 16m, Superlift CW 250t, Rear CW 160t, Carbody CW 50t												 m
	78	84	90	96	102	108	114	120	126	132	138	144	
11	275*	272*											11
12	275*	274*	247*	238*									12
14	280*	276*	242*	236*	237*	228*	201*	178*					14
16	281*	279*	239*	231*	234*	226*	201*	178*	158*	140*	125*	110*	16
18	285	282	236*	228*	231*	222*	201*	178*	158*	141*	125*	109*	18
20	288	287	233*	225*	229*	220*	201*	178*	158*	141*	124*	108*	20
22	282	281	229	220	225	216	202*	177*	158*	140*	123*	107*	22
24	256	255	226	216	222	213	202	178*	158*	140*	122*	106*	24
26	234	233	221	212	219	209	202	178	157*	138*	121*	105*	26
28	215	214	213	208	210	206	202	178	155	137*	119*	103*	28
30	199	198	197	196	194	193	192	176	154	136*	118*	102*	30
32	185	184	182	182	180	179	178	174	152	134	117*	101*	32
34	172	171	170	169	167	166	165	164	151	133	115*	100*	34
36	161	160	159	158	156	155	154	153	149	132	114	98.7*	36
38	151	150	149	148	146	145	144	143	142	130	113	97.4*	38
40	142	141	140	139	137	136	135	134	133	129	111	96.1	40
44	127	126	124	124	122	121	120	119	118	117	108	93.6	44
48	114	113	112	111	109	108	107	106	105	104	102	90.6	48
52	103	102	101	100	98.4	97.6	96.6	95.7	94.7	93.6	92.6	86.2	52
56	94.2	93.1	91.8	90.9	89.1	88.2	87.3	86.4	85.3	84.3	83.3	81.9	56
60	86.1	85.0	83.7	82.9	81.0	80.2	79.2	78.3	77.3	76.2	75.2	74.6	60
64	79.0	77.9	76.6	75.8	73.9	73.1	72.2	71.2	70.2	69.2	68.1	67.5	64
68	72.7	71.6	70.3	69.5	67.7	66.8	65.9	65.0	64.0	62.9	61.9	61.3	68
72		66.0	64.7	63.9	62.1	61.3	60.4	59.4	58.4	57.4	56.3	55.7	72
76			59.7	58.9	57.1	56.3	55.4	54.5	53.4	52.4	51.4	50.7	76
80			55.2	54.4	52.6	51.8	50.9	50.0	48.9	47.9	46.9	46.3	80
84				50.3	48.5	47.7	46.8	45.9	44.9	43.9	42.8	42.2	84
88					44.8	44.0	43.1	42.2	41.2	40.2	39.1	38.5	88
92						40.6	39.7	38.8	37.8	36.8	35.8	35.1	92
96							37.4	36.6	35.7	34.7	33.7	32.7	96
100								33.7	32.8	31.8	30.8	29.8	100
104									30.1	29.2	28.2	27.1	104
108										26.7	25.7	24.7	108
112											23.4	22.4	112
116												21.2	116
120												20.3	120
124												18.2	124

Note:

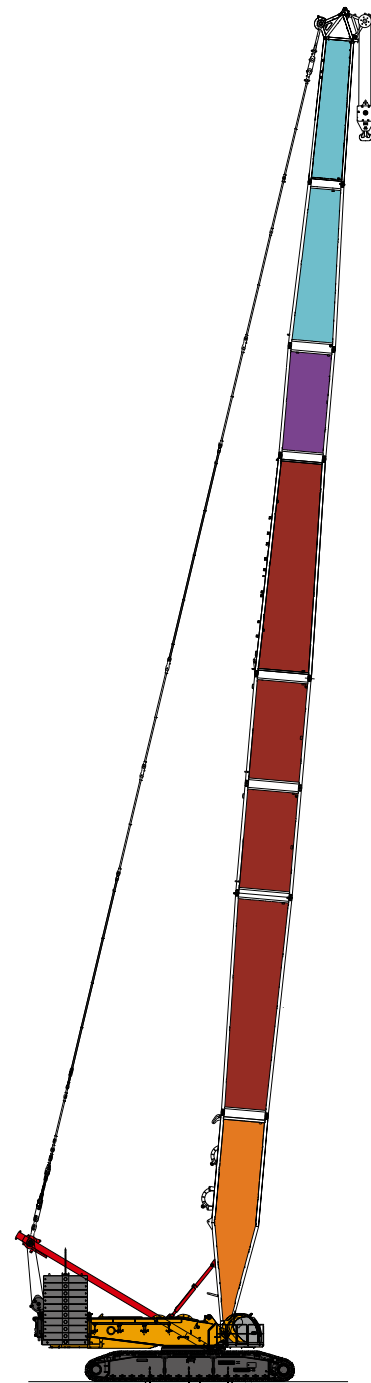
1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06

Boom Combination

ZHJ-1 configuration

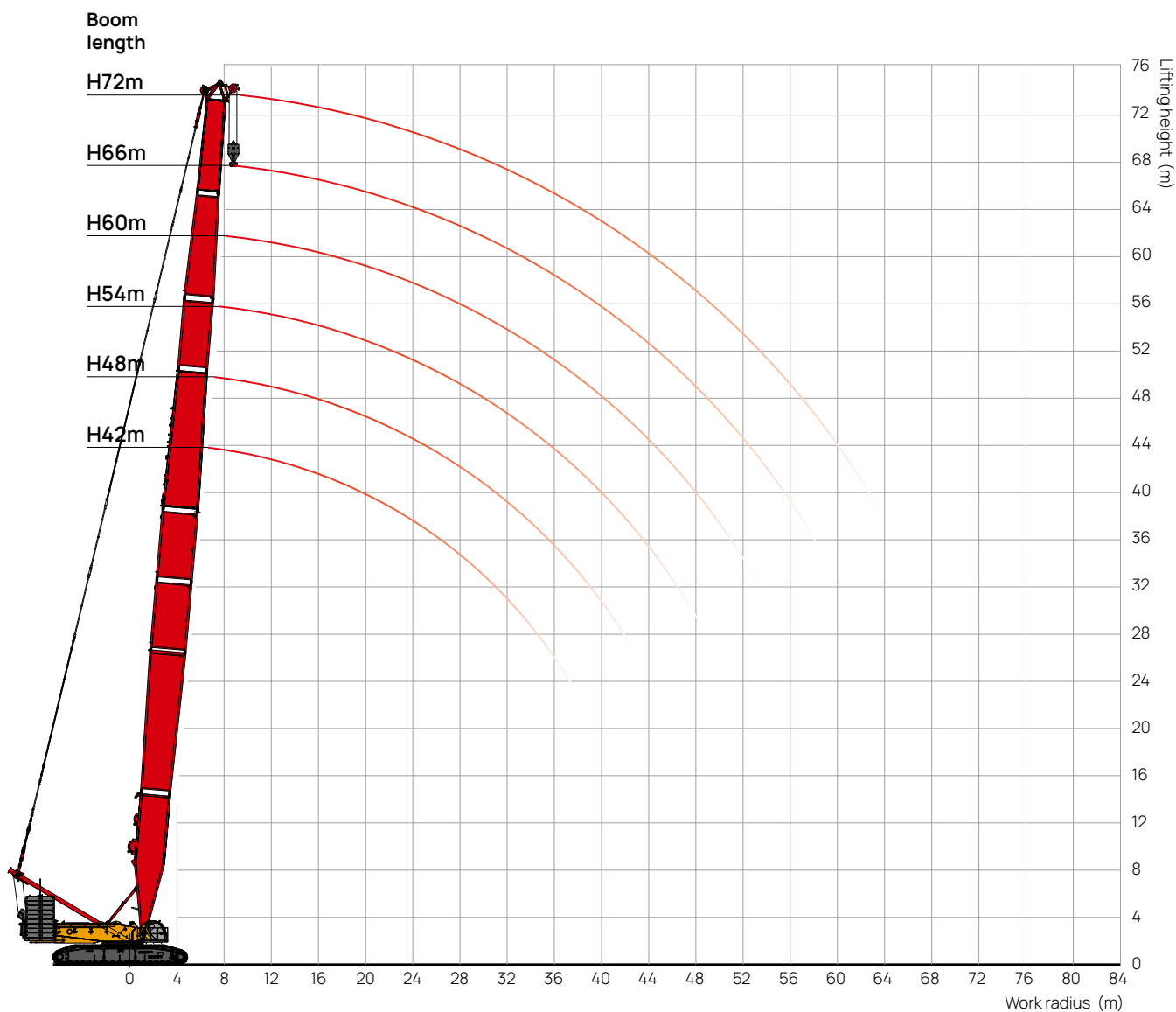
Boom length (m)	Boom insert		Power boom insert					Jib insert	
	6m/ (H6)	12m/ (H8A)	12m/ (ZH4A)	12m/ (ZH8A)	12m/ (ZH8B)	6m/ (ZH6)	12m/ (ZH4B)	9m/ (H4A)	9m/ (LJ1)
48	1	1	-	-	-	-	-	1	1
54	-	-	1	-	-	-	1	1	1
60	-	-	1	-	-	1	1	1	1
66	-	-	1	-	-	2	1	1	1
72	1	-	1	-	-	2	1	1	1



ZHJ-1
(48m~72m)

06 | Working Range

ZHJ-1 configuration



06 | Load Chart

ZHJ-1 configuration

Unit: t

 m	Boom length 48~72m, Rear CW 200t, Carbody CW 50t					 m
	48	54	60	66	72	
8	281					8
9	283	282	279			9
10	286	284	283	278	266	10
11	288	275	263	252	242	11
12	262	250	240	230	221	12
14	220	211	203	195	189	14
16	189	182	175	169	164	16
18	165	159	154	148	144	18
20	146	141	136	132	128	20
22	129	126	122	118	115	22
24	114	112	110	106	103	24
26	102	100	99.4	97.1	94.4	26
28	91.9	90.1	89.2	88.2	86.2	28
30	83.4	81.5	80.6	79.6	79.0	30
32	76.0	74.1	73.2	72.2	71.6	32
34	69.6	67.7	66.8	65.8	65.1	34
36	64.0	62.1	61.2	60.2	59.5	36
38	59.1	57.2	56.3	55.2	54.6	38
40	54.6	52.8	51.9	50.8	50.1	40
44	47.0	45.2	44.3	43.3	42.6	44
48		39.0	38.1	37.1	36.4	48
52			32.9	31.9	31.3	52
56				27.5	26.9	56
60					23.1	60
64					19.8	64

Note:

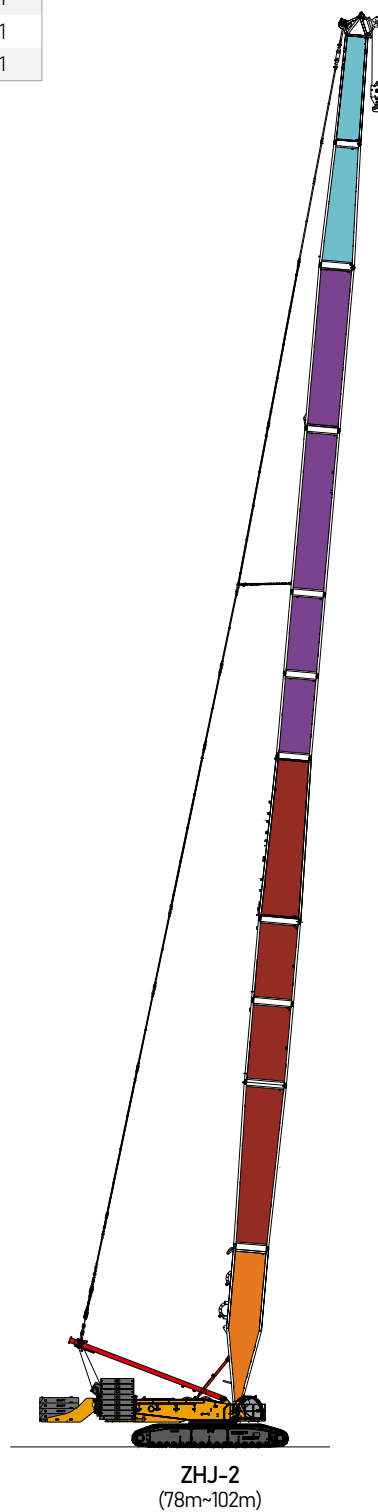
1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Boom Combination

ZHJ-2 configuration

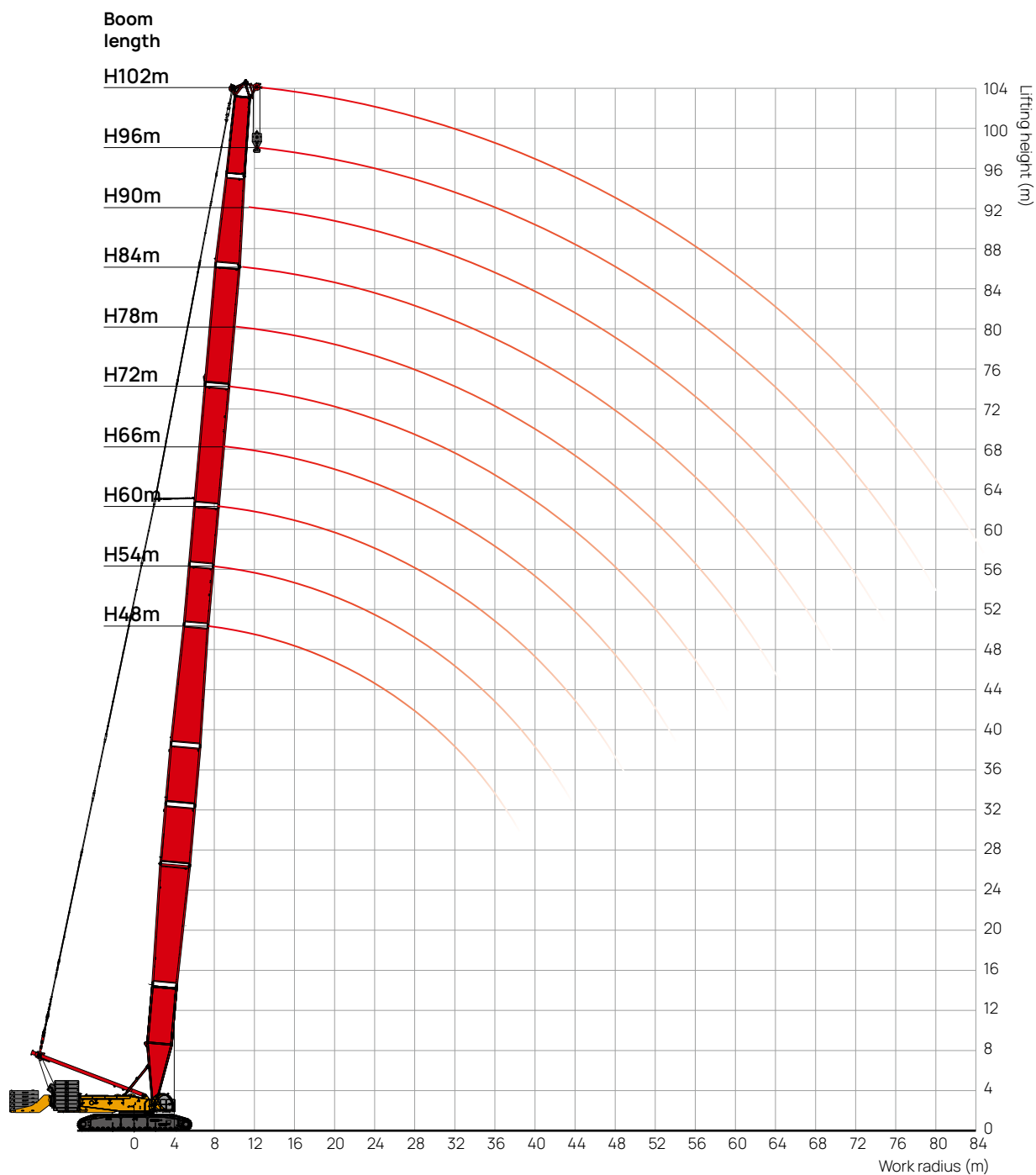
Boom length (m)	Boom insert			Power boom insert					Jib insert	
	6m/ (H6)	12m/ (H8A)	12m/ (H8C)	12m/ (ZH4A)	12m/ (ZH8A)	12m/ (ZH8B)	6m/ (ZH6)	12m/ (ZH4B)	9m/ (H4A)	9m/ (LJ1)
78*	-	-	1	1	-	-	2	1	1	1
84*	1	-	1	1	-	-	2	1	1	1
90*	-	1	1	1	-	-	2	1	1	1
96*	1	1	1	1	-	-	2	1	1	1
102*	2	1	1	1	-	-	2	1	1	1

Note: For combinations marked with "**", the mid-point suspension cable must be used, otherwise, the boom system may break. Attention: If the boom length is 78m and more, the crane must boom up from side by side erection outrigger, otherwise, the crane may tip over!



06 | Working Range

ZHJ-2 configuration



06 | Load Chart

ZHJ-2 configuration

Unit: t

 m	Boom length 78~102m, Rear CW 160t, Carbody CW 50t, Additional CW 47t					 m
	78	84	90	96	102	
11	253	243				11
12	232	223	215	208		12
14	199	192	185	179	173	14
16	173	167	162	157	152	16
18	153	148	143	139	135	18
20	136	132	128	124	120	20
22	122	119	115	112	108	22
24	110	107	104	101	98.4	24
26	101	98.1	95.2	92.3	89.5	26
28	92.4	89.7	87.0	84.4	81.8	28
30	84.9	82.4	79.9	77.4	75.0	30
32	77.9	75.9	73.6	71.2	68.9	32
34	70.9	70.2	68.0	65.7	63.5	34
36	64.9	64.1	62.9	60.8	58.7	36
38	59.6	58.8	57.8	56.4	54.3	38
40	54.8	54.0	53.1	52.2	50.4	40
44	46.7	45.9	45.0	44.0	43.1	44
48	40.1	39.3	38.4	37.4	36.4	48
52	34.6	33.8	32.8	31.9	30.9	52
56	29.9	29.1	28.1	27.2	26.2	56
60	25.9	25.0	24.1	23.1	22.1	60
64	22.3	21.5	20.6	19.6	18.6	64
68	19.2	18.4	17.5	16.5	15.5	68
72		15.7	14.8	13.8	12.8	72
76			12.3	11.4	10.4	76
80			10.1	9.2	8.2	80
84				7.2	6.2	84
88					4.4	88

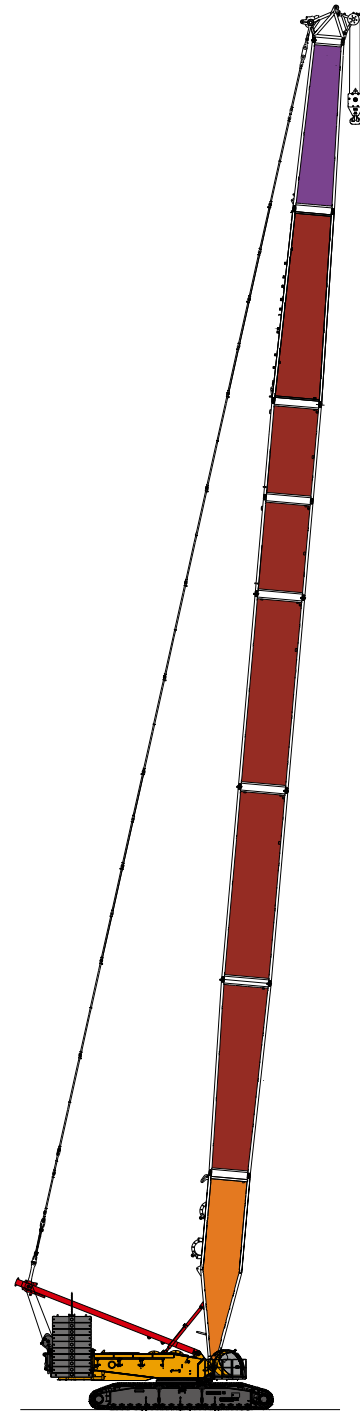
Note:

1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Boom Combination

ZH configuration

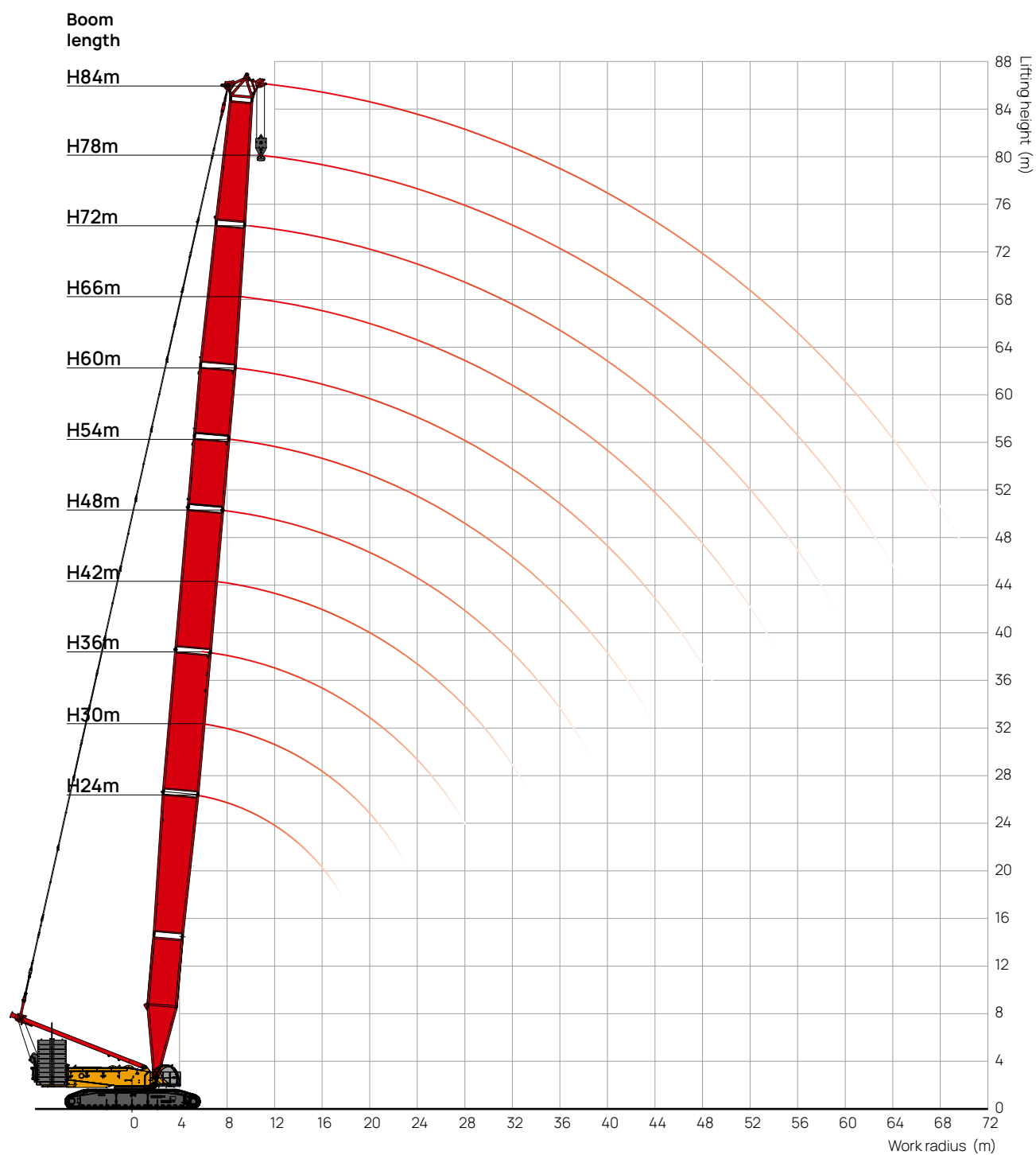
Boom length (m)	Boom insert						
	6m/ (H6)	12m/ (H8A)	12m/ (H8A)	6m/ (ZH6)	12m/ (ZH8A)	12m/ (ZH8B)	12m/ (ZH4B)
24	-	-	-	-	-	-	-
30	1	-	-	-	-	-	-
36	-	1	-	-	-	-	-
42	1	1	-	-	-	-	-
48	-	-	1	-	-	-	1
54	-	-	1	1	-	-	1
60	-	-	1	-	1	-	1
66	-	-	1	1	1	-	1
72	-	-	1	-	1	1	1
78	-	-	1	1	1	1	1
84	-	-	1	2	1	1	1



ZH
(24m~84m)

06 | Working Range

ZH configuration



06 | Load Chart

ZH configuration

Unit: t

 m	Boom length 24~84m, Rear CW 200t, Carbody CW 50t											 m
	24	30	36	42	48	54	60	66	72	78	84	
6	567											6
7	489	489	489									7
8	422	422	422	421	407							8
9	370	370	370	369	355	337	319					9
10	329	329	329	328	315	299	285	272	260			10
11	296	296	296	295	282	269	257	246	235	225	216	11
12	268	269	268	267	255	244	234	224	215	206	198	12
14	225	226	225	223	213	205	197	189	182	175	168	14
16	193	194	194	190	182	175	169	163	157	151	145	16
18	164	166	166	165	158	152	147	142	137	132	127	18
20	140	142	142	142	139	134	130	125	121	116	112	20
22	121	123	123	123	122	119	115	111	107	104	100	22
24		108	108	108	107	106	103	100	96.7	93.1	89.7	24
26		96.1	96.7	96.7	94.9	94.1	93.3	90.3	87.1	83.8	80.7	26
28		85.7	86.5	86.6	84.7	83.9	83.0	81.8	78.9	75.8	72.9	28
30			77.8	77.9	76.1	75.3	74.4	73.3	71.7	68.8	66.0	30
32			70.3	70.5	68.7	67.8	66.9	65.9	64.8	62.6	60.0	32
34				64.0	62.2	61.4	60.5	59.4	58.3	57.1	54.6	34
36				58.3	56.5	55.8	54.8	53.8	52.7	51.4	49.8	36
38				53.3	51.5	50.8	49.9	48.8	47.7	46.4	45.2	38
40					47.1	46.3	45.4	44.3	43.2	42.0	40.8	40
44					39.3	38.7	37.8	36.8	35.6	34.4	33.2	44
48						32.4	31.6	30.5	29.4	28.2	27.0	48
52							26.3	25.3	24.2	23.0	21.8	52
56								20.9	19.8	18.6	17.4	56
60									16.0	14.8	13.6	60
64									12.6	11.4	10.2	64
68										8.5	7.3	68
72											4.7	72

Note:

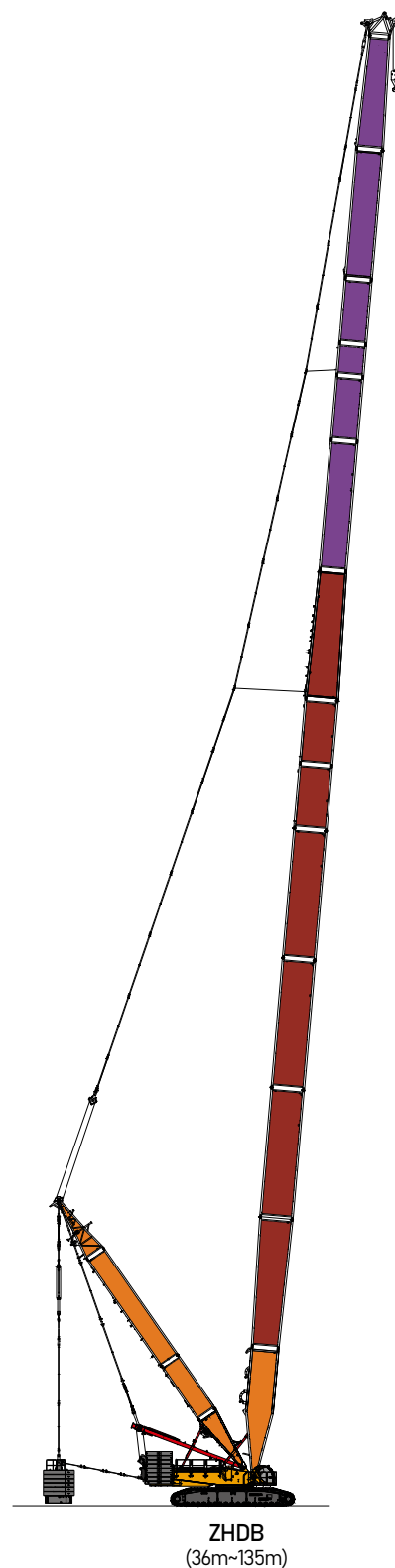
1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Boom Combination

ZHDB configuration

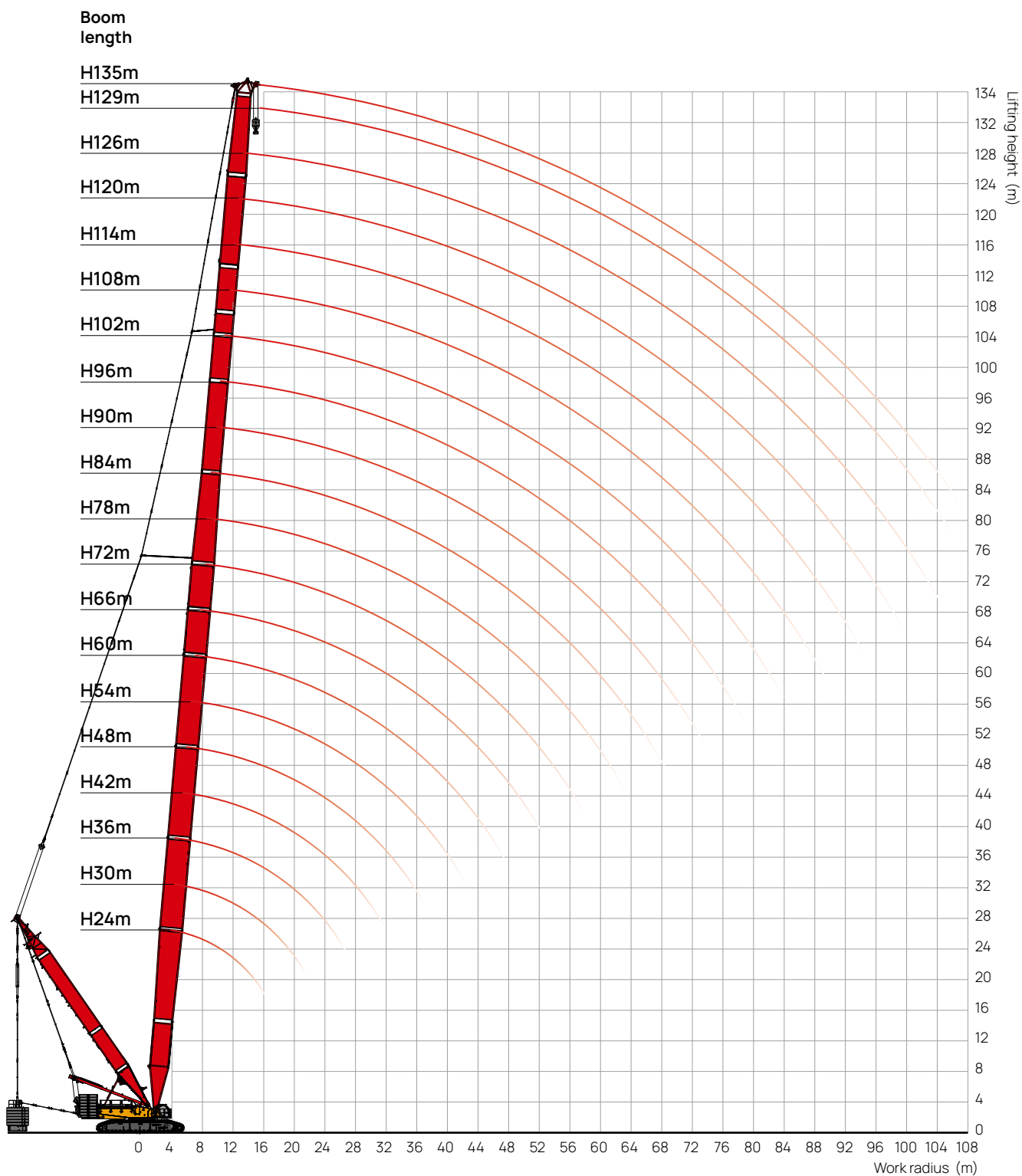
Boom length (m)	Boom insert				Power boom				
	3m/ (H5)	6m/ (H6)	12m/ (H8A)	12m/ (H8C)	12m/ (ZH4A)	12m/ (ZH8A)	12m/ (ZH8B)	6m/ (ZH6)	12m/ (ZH4B)
36	-	-	1	-	-	-	-	-	-
42	-	1	1	-	-	-	-	-	-
48	-	-	-	-	1	-	-	-	1
54	-	-	-	-	1	-	-	1	1
60	-	-	-	-	1	1	-	-	1
66	-	-	-	-	1	1	-	1	1
72	-	-	-	-	1	1	1	-	1
78	-	-	-	-	1	1	1	1	1
84	-	-	-	-	1	1	2	-	1
90	-	-	-	-	1	1	2	1	1
96	-	-	-	-	1	1	2	2	1
102*	-	1	-	-	1	1	2	2	1
108*	-	-	1	-	1	1	2	2	1
114*	-	1	1	-	1	1	2	2	1
120*	-	-	1	1	1	1	2	2	1
126*	-	1	1	1	1	1	2	2	1
132*	-	2	1	1	1	1	2	2	1
135*	1	2	1	1	1	1	2	2	1

Note: For combinations marked with "**", the mid-point suspension cable must be used, otherwise, the boom system may break. Attention: If the boom length is 102m and more, the crane must boom up from side by side erection outrigger, otherwise, the crane may tip over!



06 | Working Range

ZHDB configuration



06 | Load Chart

ZHDB configuration

Unit: t

 m	Boom length 36~135m, Superlift radius 16m, Superlift CW 250t, Rear CW 160t, Carbody CW 50t																		 m
	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	135	
7	600*																		7
8	600*	480*	563*																8
9	575*	483*	563*	499*	435*														9
10	579*	482*	563*	499*	435*	402*	370*												10
11	575	485*	563	499*	435*	402*	370*	337*	304*										11
12	527	484	524	499	435*	402*	370*	337*	304*	271*	271*								12
14	452	452	449	448	435	402	370*	337*	304*	271*	271*	238*	226*	200*	176*				14
16	395	395	392	391	390	389	370	337	304*	271*	271*	238*	227*	199*	176*	154*	137*	128*	16
18	350	350	347	347	346	344	343	337	304	271*	271*	238*	228*	199*	176*	154*	137*	128*	18
20	314	314	311	310	309	308	307	306	304	271	271	238	228*	200*	176*	154*	136*	127*	20
22	284	284	281	280	279	278	277	276	275	271	271	238	229	200*	176*	154*	135*	126*	22
24	258	258	255	254	253	252	251	250	249	248	246	238	229	200	176*	154*	134*	124*	24
26	236	236	233	232	231	230	229	228	227	226	224	223	222	200	176	154*	133*	123*	26
28	217	217	214	213	213	211	210	209	208	207	205	205	204	201	177	153	132*	122*	28
30	201	200	198	197	196	195	194	193	192	190	189	188	187	186	176	151	130*	121*	30
32	186	186	184	183	182	181	180	179	177	176	175	174	173	172	171	150	129	119*	32
34		174	171	170	169	168	167	166	165	164	162	161	160	160	159	149	128	118	34
36		162	160	159	158	157	156	155	154	152	151	150	149	148	147	146	126	117	36
38		152	150	149	148	147	146	145	144	142	141	140	139	138	137	137	124	115	38
40			141	140	139	138	137	136	135	134	132	131	130	129	128	128	121	113	40
44			126	125	124	123	122	121	119	118	117	116	115	114	113	112	111	106	44
48				112	111	110	109	108	107	105	104	103	102	101	100	99.6	98.6	97.8	48
52					100	99.4	98.4	97.2	96.0	94.7	93.3	92.5	91.6	90.7	89.7	88.7	87.7	86.9	52
56						90.0	89.0	87.8	86.7	85.3	84.0	83.2	82.2	81.3	80.3	79.4	78.3	77.5	56
60							80.9	79.7	78.6	77.2	75.9	75.0	74.1	73.2	72.2	71.3	70.2	69.4	60
64							73.7	72.5	71.4	70.1	68.8	67.9	67.0	66.1	65.2	64.2	63.2	62.4	64
68								66.2	65.1	63.8	62.5	61.7	60.8	59.9	58.9	57.9	56.9	56.1	68
72									59.5	58.2	56.9	56.1	55.2	54.3	53.3	52.4	51.3	50.5	72
76										53.2	51.9	51.1	50.2	49.3	48.3	47.4	46.4	45.6	76
80										48.6	47.3	46.6	45.7	44.8	43.8	42.9	41.9	41.1	80
84											43.2	42.5	41.6	40.7	39.8	38.8	37.8	37.0	84
88												38.7	37.8	37.0	36.0	35.1	34.1	33.3	88
92													34.4	33.6	32.6	31.7	30.7	29.9	92
96													31.3	30.4	29.5	28.6	27.6	26.8	96
100														27.5	26.6	25.7	24.7	23.9	100
104															23.9	23.0	22.1	21.2	104
108																20.6	19.6	18.8	108
112																	17.3	16.5	112
116																	15.1	14.3	116

Note:

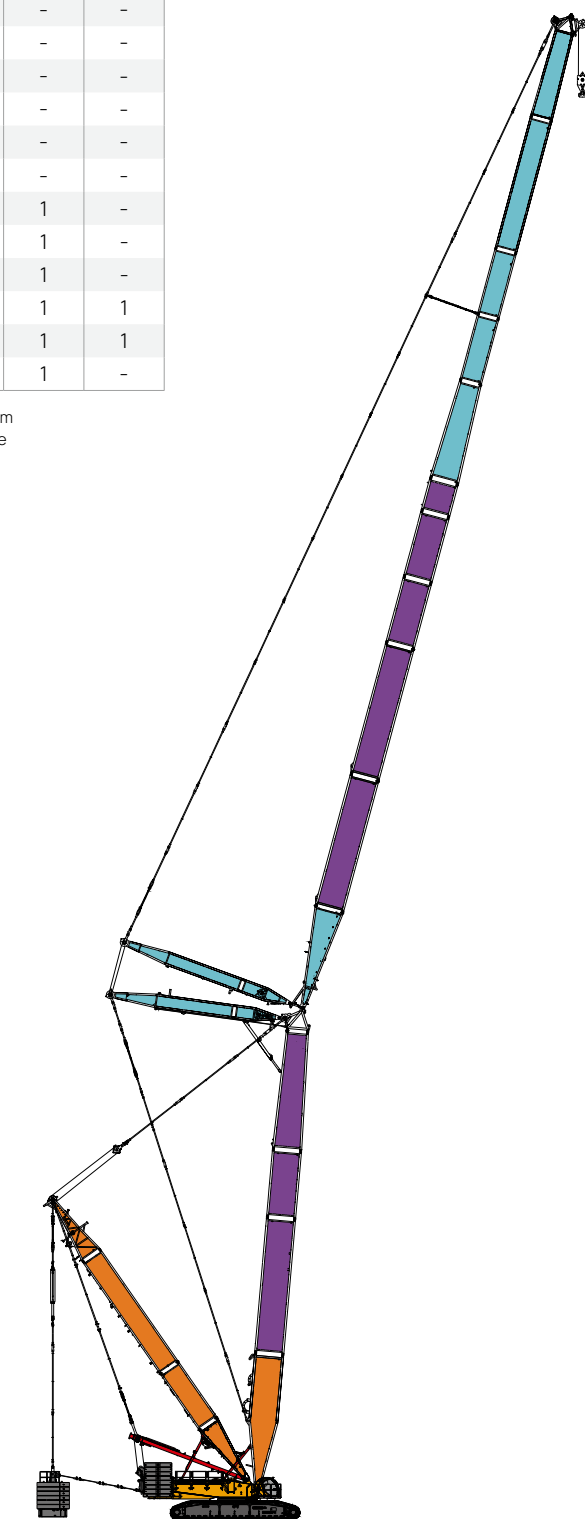
1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Boom Combination

LJDB configuration

Boom length (m)	Main boom insert		Vice jib insert							
	12m/ H8A	6m/ H6	9m/ H4A	3m/ H5	6m/ H6	12m/ H8C	12m/ H8A	6m/ LJ6A	12m/ LJ7A	12m/ LJ7B
27	-	-	1	-	-	-	-	-	-	-
30	-	-	1	1	-	-	-	-	-	-
36	1	-	1	1	1	-	-	-	-	-
42	1	1	1	1	-	1	-	-	-	-
48	-	-	1	1	1	1	-	-	-	-
54	-	-	1	1	1	1	-	1	-	-
60	-	-	1	1	1	1	-	-	1	-
66*	-	-	1	1	1	1	-	1	1	-
72*	-	-	1	1	1	1	-	2	1	-
78*	-	-	1	1	1	1	-	1	1	1
84*	-	-	1	1	1	1	-	2	1	1
90*	-	-	1	1	2	1	1	2	1	-

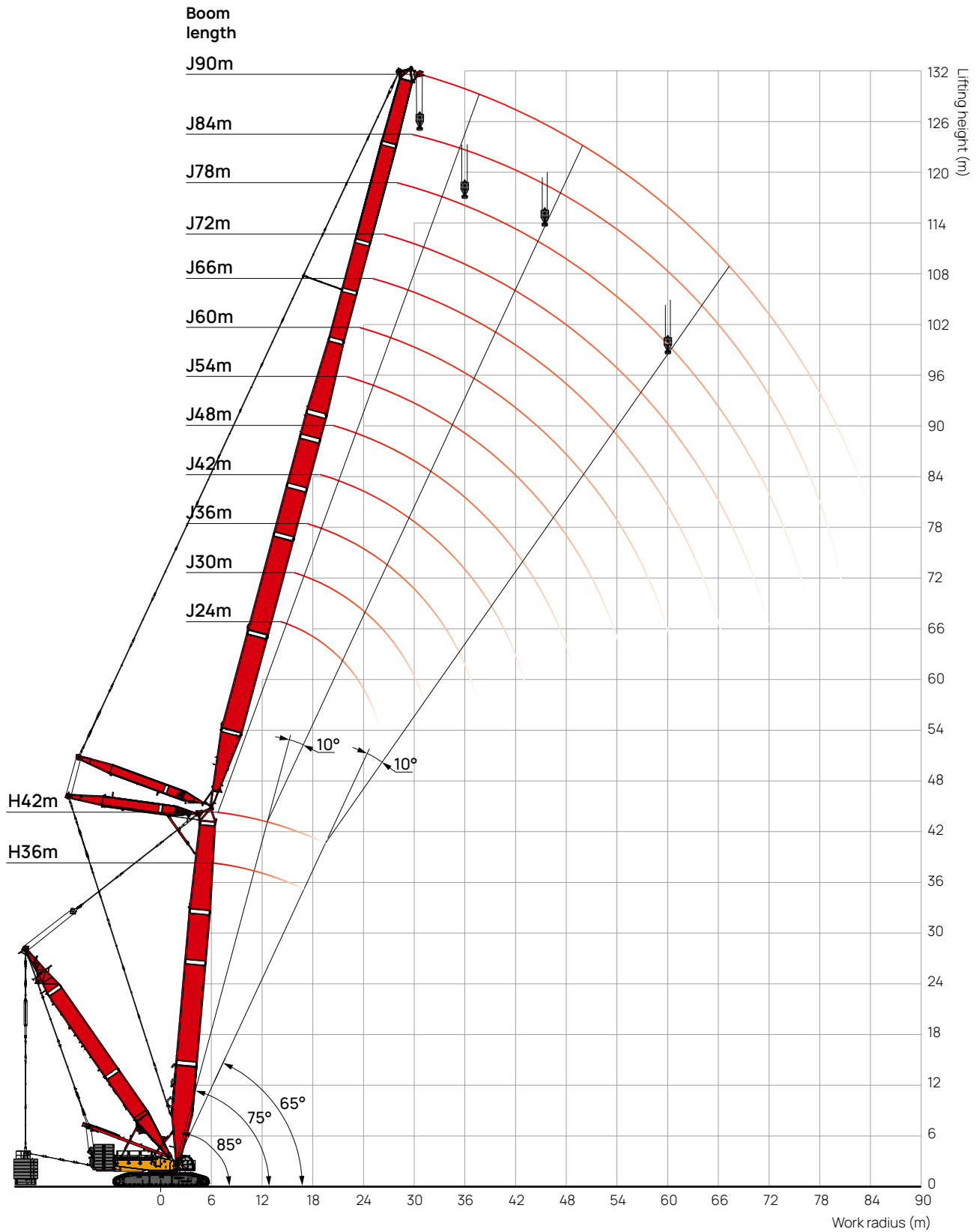
Note: For combinations marked with "**", the mid-point suspension cable must be used, otherwise, the boom system may break. Attention: If the boom length is 66m and more, the crane must boom up from side by side erection outrigger, otherwise, the crane may tip over!



LJDB
(36m~42m)+(27m~90m)

06 | Working Range

LJDB configuration



06 | Load Chart

LJDB configuration

Unit: t

	Boom length 36m, Boom angle 85°, Jib length 27~90m, Superlift radius 16m, Superlift CW 250t Rear CW 160t, Carbody CW 50t												
	27	30	36	42	48	54	60	66	72	78	84	90	
14	291*												14
16	290*	279*											16
18	270*	262*	244*	230*									18
20	243*	246*	231*	218*	203*								20
22	197*	222*	218*	207*	194*	180*							22
24	162*	185*	199*	196*	184*	174*	151*	130*					24
26	134*	154*	177*	176*	176*	166*	150*	130*	111*				26
28	111*	129*	152*	153*	159*	158*	149*	129*	110*	93.2*			28
30	90.3*	108*	132*	134*	143*	144*	144*	129*	110*	92.6*	79.5*		30
32		90.3*	114*	117*	126*	132*	131*	128*	109*	92.0*	79.0*	76.0*	32
34		72.7*	99.1*	103*	112*	120*	121*	120*	109*	91.3*	78.4*	75.6*	34
36			85.2*	91.1*	100*	107*	111*	111*	108*	90.6*	77.8*	75.1*	36
38			72.3*	80.0*	89.3*	96.5*	102*	103*	102*	89.9*	77.1*	74.7*	38
40			59.2*	70.0*	79.6*	86.8*	92.6*	96.0*	95.3*	89.1*	76.5*	74.2*	40
44				51.8*	62.8*	70.2*	76.0*	80.4*	83.1*	83.2*	75.3*	73.1*	44
48					48.3*	56.5*	62.5*	66.8*	70.2*	73.3*	72.5*	70.1*	48
52					34.0*	44.6*	51.0*	55.5*	59.0*	62.4*	64.3*	61.8*	52
56						33.5*	41.1*	45.8*	49.4*	52.9*	55.1*	54.9*	56
60							31.9*	37.4*	41.1*	44.7*	46.9*	47.0*	60
64								29.6*	33.7*	37.5*	39.7*	39.9*	64
68								22.1*	27.1*	31.1*	33.4*	33.6*	68
72									20.7*	25.2*	27.8*	28.1*	72
76										19.8*	22.7*	23.1*	76
80										14.2*	17.8*	18.5*	80
84											13.1*	14.2*	84
88												10.0*	88
92												5.7*	92

Note:

- Complies with ISO 4305 standards.
- Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
- The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
- Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

LJDB configuration

Unit: t

	Boom length 42m, Boom angle 85°, Jib length 27~90m, Superlift radius 16m, Superlift CW 250t Rear CW 160t, Carbody CW 50t												
	27	30	36	42	48	54	60	66	72	78	84	90	
16	278*	268*											16
18	261*	253*	236*										18
20	244*	237*	222*	208*	187*								20
22	213*	223*	211*	199*	186*	158*							22
24	174*	199*	201*	189*	178*	157*	134*						24
26	144*	166*	184*	181*	171*	156*	133*	116*	99.8*				26
28	119*	139*	166*	166*	163*	154*	133*	116*	99.6*	84.7*			28
30	97.8*	116*	149*	151*	150*	148*	132*	115*	99.4*	84.3*	72.9*		30
32	76.9*	97.3*	128*	132*	137*	137*	131*	115*	99.0*	83.9*	72.5*	68.6*	32
34		79.4*	110*	116*	126*	126*	125*	114*	98.6*	83.5*	72.1*	68.3*	34
36			94.1*	102*	113*	116*	116*	113*	98.1*	82.9*	71.7*	68.0*	36
38			79.7*	89.9*	100*	107*	107*	107*	97.5*	82.4*	71.2*	67.7*	38
40			65.9*	78.7*	89.6*	97.9*	100*	99.5*	96.8*	81.8*	70.7*	67.3*	40
44				58.6*	70.7*	79.2*	85.9*	86.7*	86.1*	80.7*	69.7*	66.5*	44
48					54.6*	63.7*	70.5*	75.6*	75.7*	75.8*	68.5*	65.6*	48
52					39.3*	50.5*	57.7*	62.8*	66.9*	67.3*	66.6*	64.2*	52
56						38.4*	46.6*	52.0*	56.1*	60.0*	59.4*	56.9*	56
60							36.5*	42.5*	46.8*	50.9*	53.2*	50.8*	60
64							26.4*	34.0*	38.6*	42.8*	45.5*	45.4*	64
68								25.8*	31.2*	35.7*	38.5*	39.1*	68
72									24.3*	29.2*	32.2*	32.8*	72
76										23.2*	26.5*	27.2*	76
80										17.2*	21.2*	22.1*	80
84											16.0*	17.4*	84
88												12.9*	88
92												8.2*	92

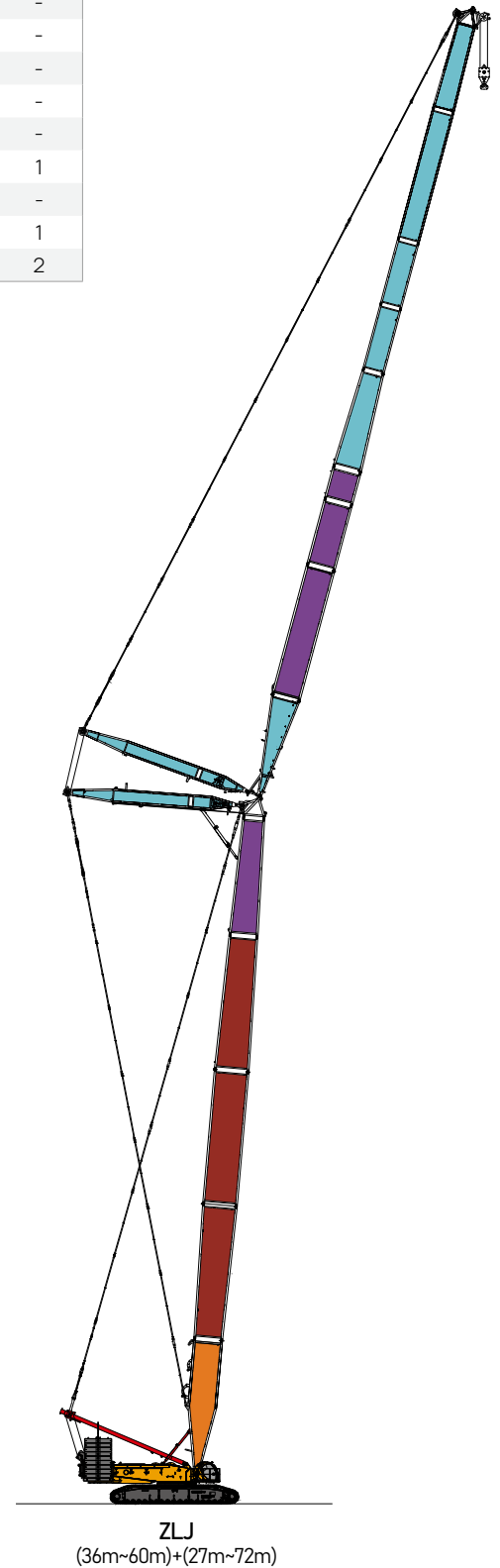
Note:

1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Boom Combination

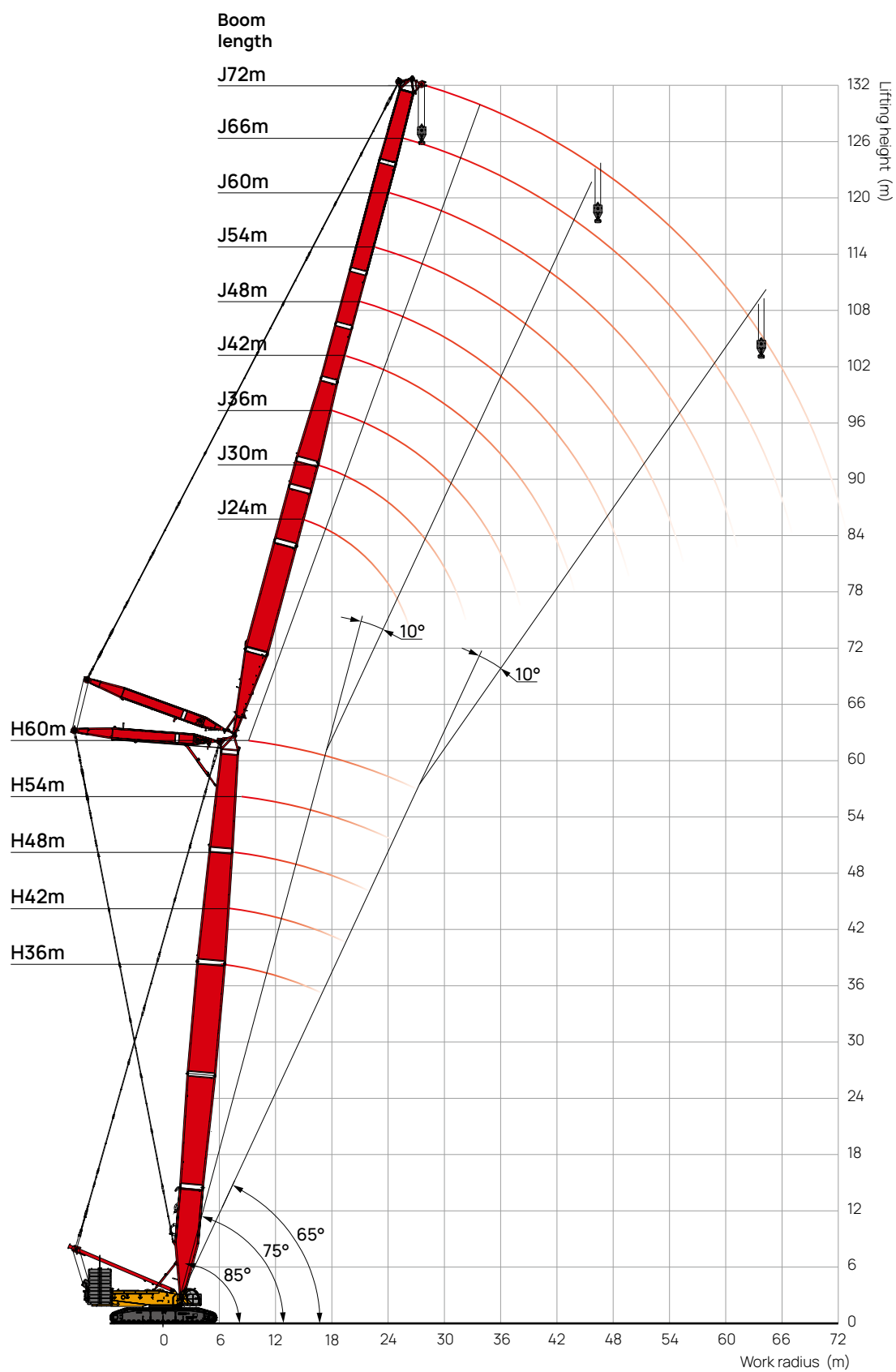
ZLJ configuration

Boom length (m)	Main boom insert				Vice jib insert					
	12m/ ZH4A	12m/ ZH8A	6m/ ZH6	12m/ ZH4B	9m/ H4A	3m/ H5	6m/ H6	12m/ H8C	12m/ LJ7A	6m/ LJ6A
27	-	-	-	-	1	-	-	-	-	-
30	-	-	-	-	1	1	-	-	-	-
36	1	-	-	-	1	1	1	-	-	-
42	1	1	-	-	1	1	-	1	-	-
48	1	-	-	1	1	1	1	1	-	-
54	1	-	1	1	1	1	1	1	-	1
60	1	1	-	1	1	1	1	1	1	-
66	-	-	-	-	1	1	1	1	1	1
72	-	-	-	-	1	1	1	1	1	2



06 | Working Range

ZLJ configuration



06 | Load Chart

ZLJ configuration

Unit: t

 m	Boom length 36m, Boom angle 85°, Jib length 27~72m, Rear CW 200t, Carbody CW 50t									 m
	27	30	36	42	48	54	60	66	72	
14	210									14
16	183	180								16
18	162	160	154	149						18
20	146	143	139	134	130					20
22	132	130	126	121	118	114				22
24	120	119	115	111	107	104	101	99.0		24
26	110	109	105	102	99.1	96.3	93.7	91.0	88.3	26
28	101	100	97.9	94.7	91.6	88.9	86.6	84.1	81.5	28
30	83.3	93.1	91.0	87.9	85.0	82.5	80.3	78.0	75.6	30
32		83.1	84.8	81.9	79.1	76.8	74.8	72.6	70.3	32
34		66.7	78.3	76.6	73.9	71.8	69.9	67.7	65.6	34
36			72.5	71.5	69.3	67.2	65.4	63.4	61.4	36
38			67.2	66.4	65.1	63.1	61.4	59.5	57.5	38
40			55.0	61.8	60.9	59.4	57.8	55.9	54.0	40
44				54.0	53.1	52.5	51.5	49.7	47.9	44
48					46.7	46.1	45.6	44.5	42.8	48
52					36.5	40.8	40.3	39.6	38.3	52
56						36.0	35.8	35.1	34.2	56
60							31.9	31.2	30.4	60
64								27.8	27.0	64
68								24.1	24.1	68
72									21.4	72

 m	Boom length 42m, Boom angle 85°, Jib length 27~72m, Rear CW 200t, Carbody CW 50t									 m
	27	30	36	42	48	54	60	66	72	
16	176	173								16
18	157	154	149							18
20	141	139	134	129	125					20
22	128	126	122	118	114	110				22
24	117	115	111	107	104	101	98.6			24
26	108	106	102	99.3	96.1	93.2	90.8	88.1	85.4	26
28	100	98.4	95.1	91.9	88.8	86.2	83.9	81.4	78.9	28
30	90.6	91.5	88.4	85.3	82.5	80.0	77.9	75.5	73.2	30
32	70.8	85.2	82.5	79.6	76.8	74.5	72.5	70.3	68.1	32
34		73.1	77.3	74.5	71.8	69.7	67.8	65.7	63.5	34
36			72.2	69.9	67.4	65.3	63.5	61.5	59.4	36
38			67.0	65.8	63.3	61.3	59.6	57.7	55.7	38
40			60.3	61.5	59.7	57.7	56.1	54.2	52.3	40
44				53.7	52.9	51.5	50.0	48.2	46.4	44
48					46.5	45.8	44.8	43.1	41.4	48
52					41.0	40.5	40.1	38.8	37.1	52
56						36.0	35.6	34.8	33.4	56
60							31.7	31.0	30.1	60
64							28.2	27.6	26.8	64
68								24.6	23.9	68
72									21.2	72

- Note:
1. Complies with ISO 4305 standards.
 2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
 3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
 4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

ZLJ configuration

Unit: t

 m	Boom length 48m, Boom angle 85°, Jib length 27~72m, Rear CW 200t, Carbody CW 50t									 m
	27	30	36	42	48	54	60	66	72	
16	169	166								16
18	151	148	143							18
20	136	134	129	125						20
22	124	121	117	113	110	106				22
24	113	111	107	104	100	97.7	95.1			24
26	104	102	99.4	96.0	92.8	90.0	87.6	84.9		26
28	96.9	95.2	92.1	88.9	85.8	83.3	81.0	78.5	76.0	28
30	90.3	88.6	85.6	82.6	79.7	77.3	75.2	72.9	70.5	30
32	77.7	82.8	80.0	77.1	74.3	72.1	70.1	67.9	65.7	32
34		77.7	74.9	72.1	69.5	67.4	65.5	63.4	61.3	34
36			70.4	67.7	65.2	63.1	61.4	59.4	57.3	36
38			66.3	63.7	61.3	59.3	57.6	55.7	53.7	38
40			62.0	60.1	57.8	55.9	54.2	52.4	50.5	40
44				53.4	51.6	49.8	48.3	46.6	44.8	44
48					46.2	44.7	43.3	41.6	39.9	48
52					40.8	40.3	39.0	37.4	35.8	52
56						35.7	35.3	33.7	32.2	56
60							31.4	30.5	29.0	60
64							28.0	27.4	26.2	64
68								24.4	23.6	68
72									21.0	72
76									18.6	76

 m	Boom length 54m, Boom angle 85°, Jib length 27~72m, Rear CW 200t, Carbody CW 50t									 m
	27	30	36	42	48	54	60	66	72	
16	163									16
18	145	143	138							18
20	131	129	124	120						20
22	119	117	113	109	106					22
24	109	107	104	100	97.2	94.2	91.6			24
26	101	99.5	96.1	92.8	89.6	86.8	84.4	81.8		26
28	93.9	92.2	89.1	85.9	82.9	80.4	78.1	75.7	73.2	28
30	87.4	85.9	82.9	79.9	77.1	74.7	72.6	70.3	67.9	30
32	81.8	80.3	77.4	74.6	71.9	69.6	67.7	65.5	63.3	32
34		75.3	72.6	69.8	67.2	65.1	63.2	61.2	59.0	34
36		67.1	68.2	65.6	63.1	61.0	59.3	57.3	55.2	36
38			64.3	61.7	59.3	57.4	55.7	53.7	51.8	38
40			60.8	58.3	55.9	54.0	52.4	50.5	48.7	40
44				52.2	50.0	48.2	46.7	44.9	43.1	44
48					44.9	43.2	41.8	40.1	38.5	48
52					40.5	39.0	37.6	36.0	34.4	52
56						35.3	34.0	32.5	30.9	56
60							30.9	29.4	27.8	60
64							27.7	26.6	25.1	64
68								24.1	22.7	68
72									20.5	72
76									18.3	76

- Note:
1. Complies with ISO 4305 standards.
 2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
 3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
 4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

ZLJ configuration

Unit: t

 m	Boom length 60m, Boom angle 85°, Jib length 27~72m, Rear CW 200t, Carbody CW 50t									
	27	30	36	42	48	54	60	66	72	
16	156									16
18	140	137								18
20	126	124	120	115						20
22	115	113	109	105	102					22
24	106	104	100	97.0	93.6	90.7				24
26	97.8	96.1	92.8	89.5	86.3	83.6	81.2	78.6		26
28	90.8	89.1	86.1	82.9	79.9	77.4	75.2	72.8	70.3	28
30	84.6	83.0	80.1	77.2	74.3	72.0	69.9	67.6	65.3	30
32	79.1	77.7	74.9	72.1	69.4	67.1	65.2	63.0	60.8	32
34	69.0	72.9	70.2	67.5	64.9	62.8	60.9	58.9	56.8	34
36		68.6	66.0	63.4	60.9	58.9	57.1	55.1	53.1	36
38			62.2	59.7	57.3	55.3	53.7	51.7	49.8	38
40			58.8	56.3	54.0	52.1	50.5	48.6	46.8	40
44				50.5	48.2	46.5	45.0	43.2	41.4	44
48				45.5	43.4	41.7	40.3	38.6	36.9	48
52					39.2	37.6	36.2	34.6	33.0	52
56						34.0	32.7	31.2	29.6	56
60						30.9	29.7	28.2	26.6	60
64							26.9	25.5	24.0	64
68								23.1	21.6	68
72									19.5	72
76									17.6	76

Note:

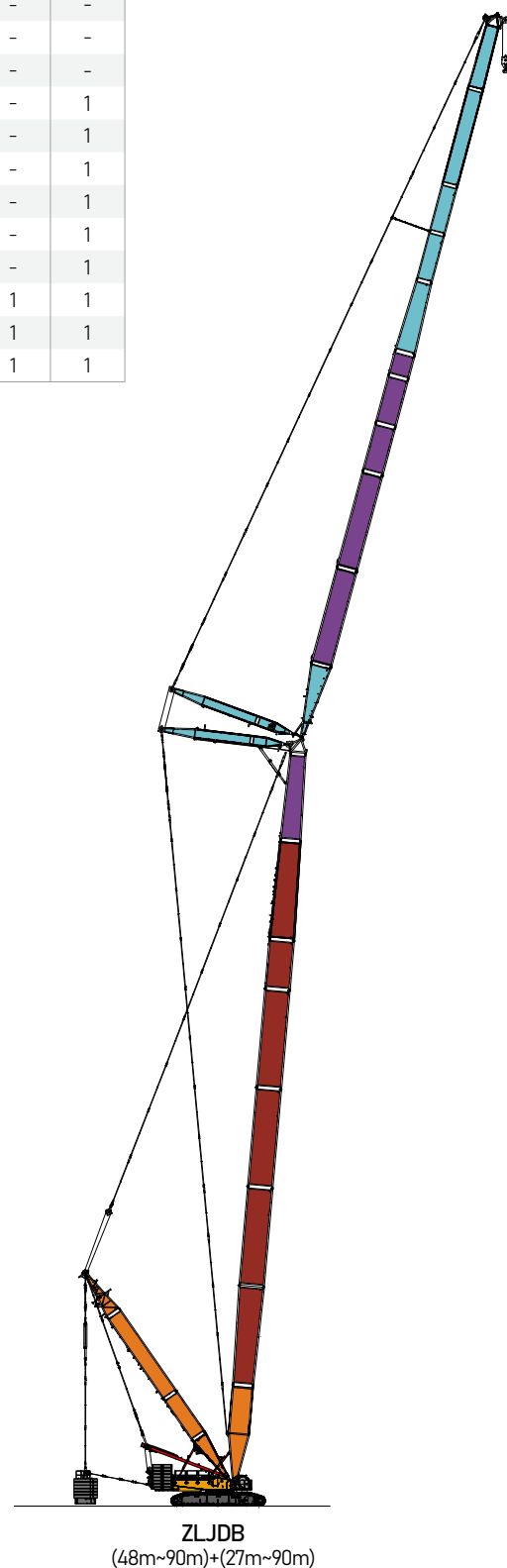
1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Boom Combination

ZLJDB configuration

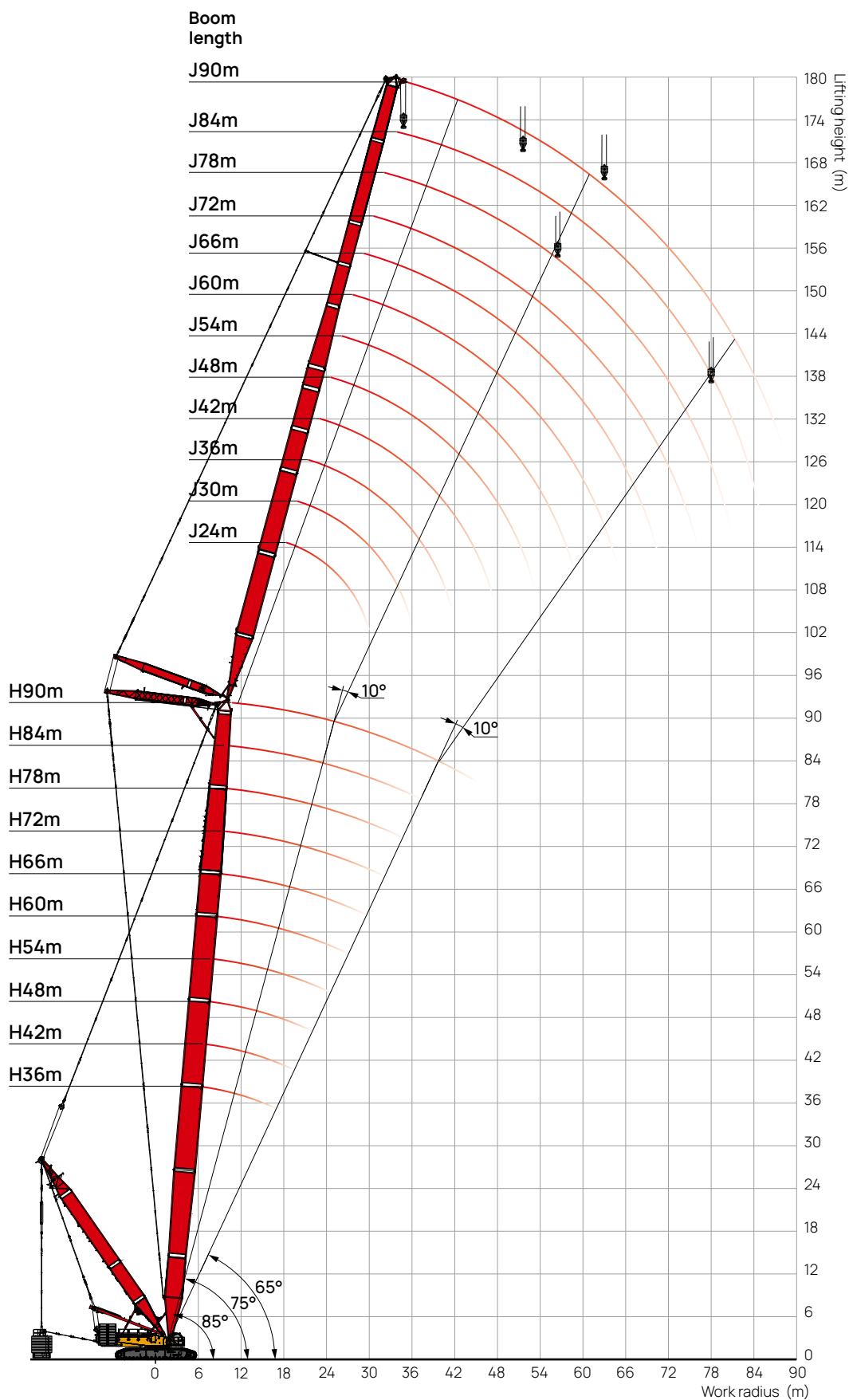
Boom length (m)	Main boom insert					Vice jib insert						
	12m/ ZH4A	12m/ ZH8A	12m/ ZH8B	6m/ ZH6	12m/ ZH4B	9m/ H4A	3m/ H5	6m/ H6	12m/ H8C	6m/ LJ6A	6m/ L7A	12m/ H8A
27	-	-	-	-	-	1	-	-	-	-	-	-
30	-	-	-	-	-	1	1	-	-	-	-	-
36	-	-	-	-	-	1	1	1	-	-	-	-
42	-	-	-	-	-	1	1	-	-	-	-	1
48	1	-	-	-	1	1	1	1	-	-	-	1
54	1	-	-	1	1	1	1	-	1	-	-	1
60	1	1	-	-	1	1	1	1	1	-	-	1
66*	1	1	-	1	1	1	1	2	1	-	-	1
72*	1	1	1	-	1	1	1	2	1	1	-	1
78*	1	1	1	1	1	1	1	2	1	-	1	1
84*	1	1	2	-	1	1	1	2	1	1	1	1
90*	1	1	2	1	1	1	1	2	1	2	1	1

Note: For combinations marked with "**", the mid-point suspension cable must be used, otherwise, the boom system may break. Attention: If the boom length is 66m and more, the crane must boom up from side by side erection outrigger, otherwise, the crane may tip over!



06 | Working Range

ZLJDB configuration



06 | Load Chart

ZLJDB configuration

Unit: t

	Boom length 48m, Boom angle 85°, Jib length 27~90m, Superlift radius 16m, Superlift CW 250t Rear CW 160t, Carbody CW 50t												
	27	30	36	42	48	54	60	66	72	78	84	90	
16	283*	278*											16
18	289*	283*	271*										18
20	263*	276*	276*	245*									20
22	212*	238*	242*	244*	207*	177*							22
24	173*	196*	213*	221*	206*	176*	151*						24
26	143*	163*	189*	197*	197*	176*	151*	132*					26
28	118*	137*	171*	177*	177*	175*	150*	131*	114*				28
30	97.4*	115*	146*	161*	161*	160*	149*	131*	114*	98.0*	85.0*		30
32	77.7*	96.2*	125*	147*	147*	146*	145*	131*	113*	97.7*	84.8*	73.3*	32
34		79.0*	107*	134*	135*	134*	133*	130*	113*	97.3*	84.5*	73.1*	34
36			91.9*	117*	125*	124*	123*	122*	112*	96.8*	84.1*	72.7*	36
38			78.1*	102*	116*	115*	114*	113*	112*	96.3*	83.7*	72.4*	38
40			65.0*	89.1*	102*	107*	106*	105*	105*	95.9*	83.2*	71.9*	40
44				65.8*	80.3*	90.7*	93.2*	92.2*	91.5*	91.1*	82.1*	71.0*	44
48					61.6*	72.4*	80.4*	81.3*	80.6*	80.2*	79.4*	70.0*	48
52					44.3*	56.9*	65.1*	71.4*	71.7*	71.2*	70.4*	68.9*	52
56						43.0*	52.1*	58.6*	64.0*	63.7*	62.9*	62.0*	56
60							40.5*	47.5*	53.0*	57.3*	56.4*	55.5*	60
64							29.1*	37.5*	43.4*	48.2*	50.9*	50.0*	64
68								28.1*	34.8*	39.8*	43.6*	45.2*	68
72									26.8*	32.3*	36.2*	39.2*	72
76									18.6*	25.3*	29.5*	32.7*	76
80										18.5*	23.3*	26.7*	80
84											17.4*	21.2*	84
88											11.2*	16.0*	88
92												10.7*	92

Note:

1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

ZLJDB configuration

Unit: t

	Boom length 54m, Boom angle 85°, Jib length 27~90m, Superlift radius 16m, Superlift CW 250t Rear CW 160t, Carbody CW 50t												
	27	30	36	42	48	54	60	66	72	78	84	90	
16	279*												16
18	284*	278*	262*										18
20	259*	262*	261*	224*									20
22	227*	233*	237*	223*	191*								22
24	185*	209*	214*	218*	190*	164*	141*						24
26	152*	174*	194*	196*	189*	163*	140*	123*					26
28	126*	145*	175*	179*	182*	162*	140*	123*	106*				28
30	104*	122*	154*	165*	165*	161*	139*	122*	106*	92.5*			30
32	84.0*	102*	132*	150*	150*	150*	138*	122*	106*	92.3*	80.1*	69.4*	32
34		84.6*	113*	138*	138*	137*	136*	121*	106*	92.0*	79.9*	69.2*	34
36		67.1*	97.2*	127*	127*	127*	126*	120*	105*	91.6*	79.6*	69.0*	36
38			82.8*	110*	118*	117*	116*	115*	105*	91.2*	79.3*	68.7*	38
40			69.5*	95.8*	110*	109*	108*	107*	104*	90.6*	78.9*	68.4*	40
44				70.3*	87.6*	95.7*	94.8*	93.7*	93.1*	89.4*	77.9*	67.6*	44
48					67.3*	78.9*	83.6*	82.6*	81.9*	81.5*	76.8*	66.7*	48
52					49.1*	62.1*	71.1*	73.4*	72.7*	72.3*	71.5*	65.7*	52
56						47.3*	57.0*	64.0*	65.0*	64.6*	63.8*	62.9*	56
60							44.5*	52.0*	58.0*	58.0*	57.2*	56.3*	60
64							32.6*	41.3*	47.6*	52.4*	51.6*	50.7*	64
68								31.4*	38.4*	43.8*	46.7*	45.8*	68
72									29.8*	35.7*	39.9*	41.4*	72
76									21.3*	28.2*	32.7*	36.2*	76
80										21.0*	26.1*	29.8*	80
84											19.9*	23.9*	84
88											13.4*	18.3*	88
92												12.8*	92

Note:

- Complies with ISO 4305 standards.
- Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
- The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
- Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

ZLJDB configuration

Unit: t

	Boom length 60m, Boom angle 85°, Jib length 27~90m, Superlift radius 16m, Superlift CW 250t Rear CW 160t, Carbody CW 50t												
	27	30	36	42	48	54	60	66	72	78	84	90	
16	275*												16
18	279*	271*											18
20	248*	249*	241*	208*									20
22	222*	222*	226*	207*	178*								22
24	197*	201*	202*	205*	177*	153*							24
26	162*	184*	184*	186*	176*	153*	132*	116*					26
28	134*	154*	169*	170*	172*	152*	132*	115*	101*				28
30	110*	129*	156*	157*	157*	150*	131*	115*	101*	87.8*			30
32	90.2*	108*	139*	145*	145*	147*	130*	115*	101*	87.6*	76.2*		32
34	69.0*	90.1*	119*	135*	135*	135*	129*	114*	100*	87.4*	76.1*	66.0*	34
36		72.7*	102*	127*	127*	126*	125*	113*	100*	87.0*	75.8*	65.8*	36
38			87.5*	116*	119*	118*	118*	112*	99.7*	86.6*	75.5*	65.6*	38
40			73.8*	101*	112*	110*	110*	107*	99.0*	86.2*	75.2*	65.3*	40
44				74.5*	94.5*	97.3*	96.4*	95.4*	92.7*	85.0*	74.3*	64.6*	44
48				50.8*	72.0*	85.0*	85.0*	83.9*	83.3*	80.0*	73.3*	63.8*	48
52					52.5*	67.1*	75.6*	74.5*	73.8*	73.4*	69.4*	63.1*	52
56						51.4*	61.5*	66.7*	66.0*	65.5*	64.3*	61.1*	56
60						35.6*	48.3*	56.1*	59.3*	58.8*	58.0*	56.7*	60
64							35.8*	44.8*	51.5*	53.1*	52.3*	51.4*	64
68								34.4*	41.7*	47.4*	47.3*	46.4*	68
72									32.6*	38.8*	42.9*	42.0*	72
76									23.8*	30.9*	35.7*	38.1*	76
80										23.4*	28.7*	32.6*	80
84											22.1*	26.3*	84
88											15.4*	20.5*	88
92												14.8*	92

Note:

- Complies with ISO 4305 standards.
- Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
- The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
- Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

ZLJDB configuration

Unit: t

 m	Boom length 66m, Boom angle 85°, Jib length 27~90m, Superlift radius 16m, Superlift CW 250t Rear CW 160t, Carbody CW 50t												 m
	27	30	36	42	48	54	60	66	72	78	84	90	
18	271*	257*											18
20	238*	240*	218*										20
22	213*	213*	216*	189*	163*								22
24	192*	193*	194*	187*	162*	141*							24
26	171*	176*	177*	178*	161*	140*	122*						26
28	142*	162*	162*	162*	159*	139*	122*	107*					28
30	117*	136*	150*	150*	150*	138*	121*	107*	94.1*	82.0*			30
32	96.2*	114*	140*	139*	138*	137*	120*	106*	93.9*	81.9*	71.4*		32
34	75.8*	95.5*	125*	130*	129*	128*	119*	106*	93.6*	81.7*	71.3*	62.2*	34
36		78.0*	107*	121*	120*	120*	117*	105*	93.1*	81.3*	71.1*	62.0*	36
38			92.1*	114*	113*	113*	111*	104*	92.5*	81.0*	70.8*	61.8*	38
40			78.0*	106*	107*	106*	105*	99.6*	91.9*	80.5*	70.5*	61.6*	40
44				78.5*	95.4*	94.5*	93.9*	90.6*	86.4*	79.3*	69.7*	61.0*	44
48				54.7*	75.7*	85.2*	84.1*	81.6*	78.7*	74.1*	68.8*	60.2*	48
52					55.6*	71.8*	74.7*	73.3*	71.1*	68.0*	64.8*	59.4*	52
56						54.7*	65.8*	65.2*	64.1*	62.0*	59.6*	56.8*	56
60						38.5*	51.8*	58.4*	57.7*	56.5*	54.8*	52.4*	60
64							38.9*	48.1*	52.3*	51.1*	50.0*	48.2*	64
68								37.2*	44.7*	46.2*	45.4*	44.2*	68
72								26.1*	35.3*	41.7*	41.5*	40.6*	72
76									26.2*	33.4*	37.8*	37.0*	76
80										25.6*	31.0*	33.8*	80
84											24.2*	28.6*	84
88											17.3*	22.5*	88
92												16.5*	92

Note:

- Complies with ISO 4305 standards.
- Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
- The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
- Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

ZLJDB configuration

Unit: t

	Boom length 72m, Boom angle 85°, Jib length 27~90m, Superlift radius 16m, Superlift CW 250t Rear CW 160t, Carbody CW 50t												
	27	30	36	42	48	54	60	66	72	78	84	90	
18	238*	234*											18
20	236*	230*	200*										20
22	211*	211*	197*	174*									22
24	191*	192*	193*	172*	150*	131*							24
26	175*	175*	175*	169*	149*	130*	114*						26
28	150*	160*	161*	161*	147*	129*	114*	100*					28
30	124*	143*	149*	149*	145*	128*	113*	100*	88.1*				30
32	102*	120*	138*	137*	137*	126*	112*	99.8*	87.9*	77.0*	67.5*		32
34	81.9*	101*	129*	128*	128*	123*	111*	99.1*	87.6*	76.8*	67.4*	58.8*	34
36		83.1*	112*	120*	119*	117*	109*	98.3*	87.1*	76.5*	67.2*	58.7*	36
38			96.7*	112*	112*	110*	104*	97.3*	86.5*	76.1*	67.0*	58.5*	38
40			82.2*	106*	105*	103*	99.2*	94.2*	85.8*	75.6*	66.6*	58.3*	40
44				82.6*	94.2*	92.1*	89.1*	85.0*	81.4*	74.6*	65.8*	57.7*	44
48				58.4*	79.3*	81.5*	79.3*	76.5*	74.1*	70.0*	64.8*	56.9*	48
52					58.7*	72.0*	70.4*	69.1*	67.2*	64.2*	61.3*	56.1*	52
56						57.5*	62.9*	61.5*	60.3*	58.4*	55.9*	53.6*	56
60						41.2*	55.3*	55.1*	54.2*	53.1*	51.3*	49.3*	60
64							41.4*	49.1*	49.1*	47.9*	46.8*	45.4*	64
68								39.9*	43.9*	43.3*	42.7*	41.3*	68
72								28.5*	37.8*	39.1*	38.7*	38.1*	72
76									28.4*	35.5*	35.2*	34.7*	76
80										27.7*	31.8*	31.7*	80
84										19.3*	26.1*	28.8*	84
88											19.1*	24.3*	88
92												18.2*	92

Note:

1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

ZLJDB configuration

Unit: t

	Boom length 78m, Boom angle 85°, Jib length 27~90m, Superlift radius 16m, Superlift CW 250t Rear CW 160t, Carbody CW 50t												
	27	30	36	42	48	54	60	66	72	78	84	90	
18	225*												18
20	219*	206*	181*										20
22	204*	201*	178*	157*									22
24	184*	184*	174*	155*	137*								24
26	169*	169*	167*	152*	135*	119*	105*						26
28	156*	155*	154*	149*	134*	118*	104*	92.4*					28
30	131*	144*	143*	142*	131*	117*	103*	92.0*	81.3*				30
32	108*	127*	133*	132*	129*	115*	102*	91.4*	81.1*	71.4*			32
34	87.7*	106*	125*	123*	121*	113*	101*	90.7*	80.7*	71.2*	62.5*	54.6*	34
36		88.2*	117*	115*	114*	108*	100*	89.8*	80.2*	70.8*	62.3*	54.5*	36
38		70.3*	101*	109*	107*	103*	97.7*	88.8*	79.5*	70.4*	62.0*	54.3*	38
40			86.4*	103*	101*	96.9*	92.3*	87.6*	78.7*	69.9*	61.7*	54.1*	40
44			58.6*	86.6*	88.5*	85.9*	82.8*	79.2*	75.8*	68.7*	60.9*	53.6*	44
48				62.0*	77.6*	76.1*	74.1*	71.2*	68.8*	65.4*	59.8*	52.9*	48
52					61.8*	67.4*	65.8*	64.2*	62.3*	59.4*	57.0*	52.0*	52
56						59.3*	58.5*	57.2*	56.0*	54.3*	52.2*	49.6*	56
60						43.8*	52.1*	51.2*	50.4*	49.3*	47.7*	45.8*	60
64							43.6*	46.0*	45.3*	44.4*	43.4*	42.0*	64
68								41.1*	40.8*	40.4*	39.5*	38.4*	68
72								30.5*	36.9*	36.3*	35.8*	35.1*	72
76									30.6*	33.0*	32.5*	31.9*	76
80										29.6*	29.5*	29.0*	80
84										21.2*	26.7*	26.3*	84
88											20.8*	24.1*	88
92												19.8*	92
96												13.3*	96

Note:

- Complies with ISO 4305 standards.
- Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
- The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
- Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

ZLJDB configuration

Unit: t

	Boom length 84m, Boom angle 85°, Jib length 27~90m, Superlift radius 16m, Superlift CW 250t Rear CW 160t, Carbody CW 50t												
	27	30	36	42	48	54	60	66	72	78	84	90	
18	203*												18
20	198*	187*											20
22	193*	182*	162*	144*									22
24	181*	177*	159*	142*	126*								24
26	166*	165*	155*	140*	124*	110*							26
28	153*	152*	150*	137*	122*	109*	96.6*						28
30	138*	141*	140*	133*	120*	107*	95.7*	85.3*	75.5*				30
32	114*	132*	130*	128*	118*	106*	94.7*	84.7*	75.2*	66.4*			32
34	93.4*	112*	122*	120*	115*	104*	93.5*	83.9*	74.7*	66.2*	58.4*		34
36	72.1*	93.3*	114*	113*	107*	102*	92.1*	82.9*	74.1*	65.8*	58.2*	51.0*	36
38		75.6*	106*	105*	101*	97.1*	90.5*	81.9*	73.4*	65.4*	57.9*	50.8*	38
40			90.6*	99.0*	95.5*	91.7*	87.5*	80.7*	72.6*	64.8*	57.5*	50.6*	40
44			62.8*	86.1*	83.8*	81.4*	78.2*	74.7*	70.8*	63.5*	56.6*	50.0*	44
48				65.5*	73.6*	72.1*	70.0*	67.5*	64.9*	61.6*	55.5*	49.2*	48
52					64.8*	63.9*	62.2*	60.5*	58.8*	56.3*	53.7*	48.2*	52
56					44.9*	56.4*	55.7*	54.2*	53.1*	51.2*	49.1*	46.9*	56
60						46.3*	49.3*	48.6*	47.8*	46.4*	44.9*	43.2*	60
64							44.0*	43.4*	42.7*	42.1*	40.8*	39.6*	64
68								38.8*	38.5*	37.9*	37.1*	36.2*	68
72								32.4*	34.6*	34.3*	33.8*	32.8*	72
76									31.2*	30.9*	30.6*	30.0*	76
80										28.2*	27.7*	27.3*	80
84										22.9*	25.1*	24.9*	84
88											22.5*	22.6*	88
92												20.6*	92
96												14.8*	96

Note:

- Complies with ISO 4305 standards.
- Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
- The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
- Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06

Load Chart

ZLJDB configuration

Unit: t

	Boom length 90m, Boom angle 85°, Jib length 27~90m, Superlift radius 16m, Superlift CW 250t Rear CW 160t, Carbody CW 50t												
	27	30	36	42	48	54	60	66	72	78	84	90	
20	178*	167*											20
22	172*	163*	146*										22
24	166*	159*	143*	128*	114*								24
26	160*	153*	139*	126*	112*	100*							26
28	148*	147*	135*	123*	110*	98.9*	88.0*						28
30	137*	136*	131*	120*	108*	97.5*	87.1*	77.5*					30
32	121*	127*	125*	117*	106*	96.2*	86.0*	76.8*	68.4*	60.9*			32
34	99.2*	118*	117*	112*	103*	94.4*	84.8*	76.0*	67.9*	60.6*	53.4*		34
36	78.5*	98.5*	109*	105*	100*	92.4*	83.4*	75.0*	67.3*	60.2*	53.2*	46.7*	36
38		80.6*	102*	99.0*	95.0*	90.4*	81.9*	73.9*	66.7*	59.7*	52.9*	46.5*	38
40			94.9*	92.6*	89.3*	85.5*	80.3*	72.8*	65.9*	59.1*	52.5*	46.3*	40
44			66.8*	81.4*	78.5*	76.3*	73.2*	69.8*	63.9*	57.7*	51.5*	45.7*	44
48				69.0*	69.6*	67.7*	65.5*	62.6*	60.2*	56.1*	50.3*	44.8*	48
52					61.2*	59.8*	58.3*	56.6*	54.7*	52.3*	49.0*	43.8*	52
56					47.9*	53.2*	51.9*	50.7*	49.4*	47.6*	45.7*	42.7*	56
60						47.3*	46.3*	45.2*	44.4*	43.1*	41.9*	39.9*	60
64							41.5*	40.7*	39.9*	39.1*	38.0*	36.5*	64
68							33.7*	36.5*	36.0*	35.3*	34.5*	33.4*	68
72								32.7*	32.4*	31.9*	31.2*	30.4*	72
76									29.3*	28.7*	28.2*	27.8*	76
80									23.3*	26.2*	25.7*	25.2*	80
84										23.7*	23.3*	22.8*	84
88											21.3*	20.9*	88
92												18.9*	92
96												16.1*	96

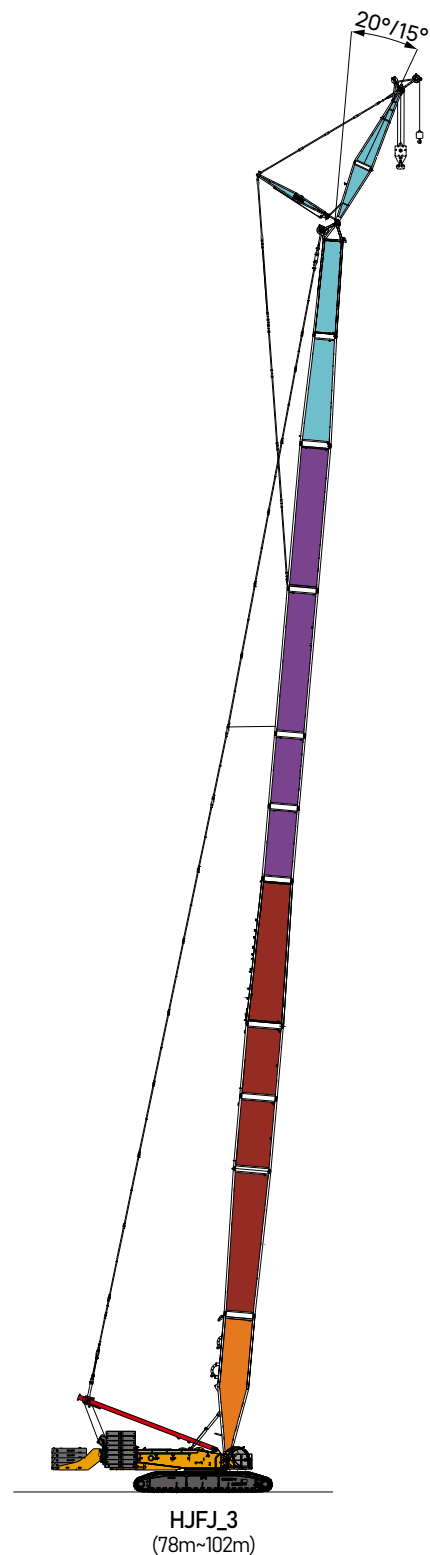
- Note:
1. Complies with ISO 4305 standards.
 2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
 3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
 4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Boom Combination

HJFJ_3 configuration

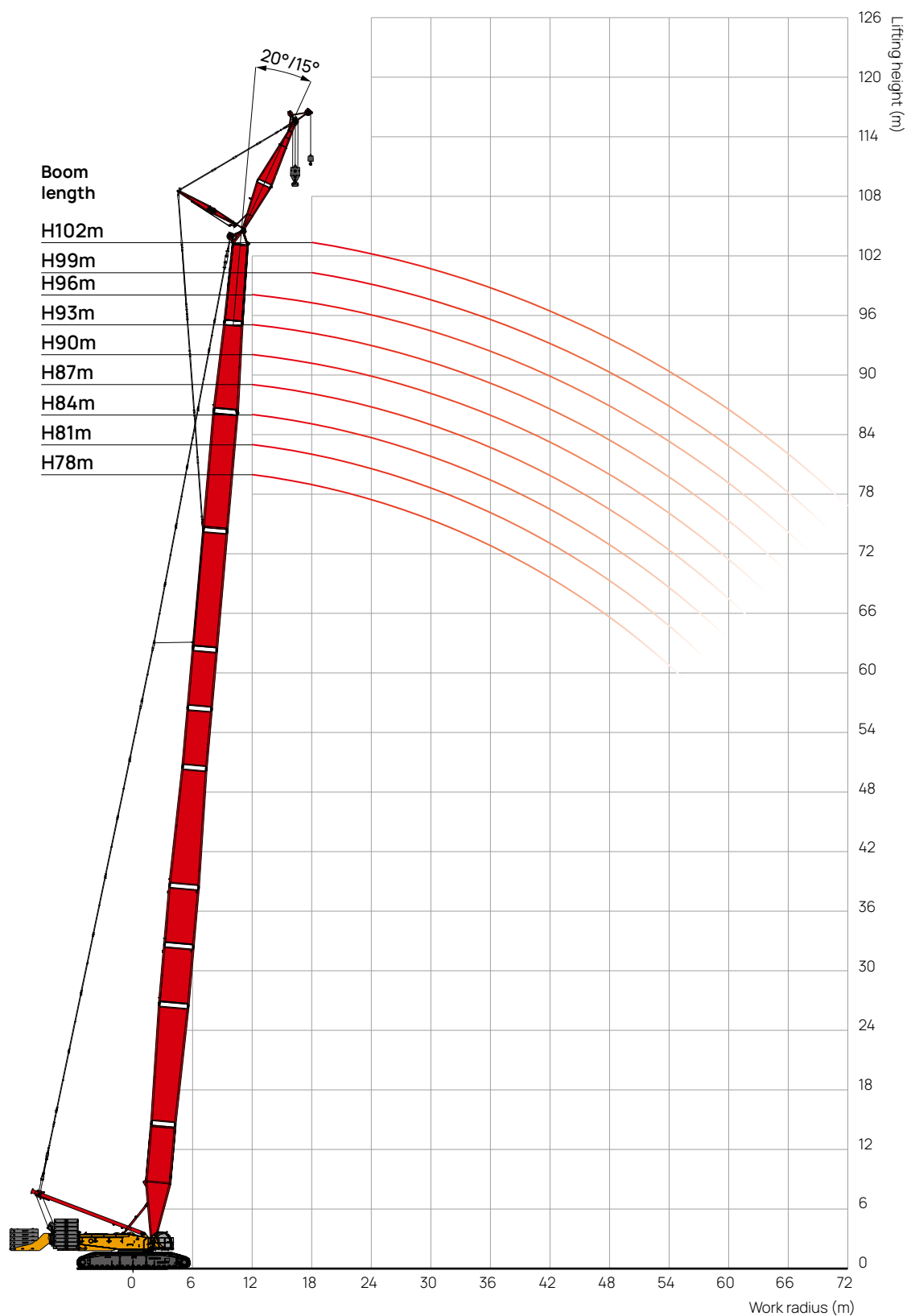
Boom length (m)	Standard boom insert				Power boom insert		
	3m/ (H5)	6m/ (H6)	12mA/ (H8A)	12mA/ (H8C)	12m lower transitional insert/(ZH4A)	12m insert/ (ZH6)	12m upper transitional insert/(ZH4B)
78*	-	-	-	1	1	2	1
84*	-	1	-	1	1	2	1
90*	-	-	1	1	1	2	1
93*	1	-	1	1	1	2	1
96*	-	1	1	1	1	2	1
99*	1	1	1	1	1	2	1
102*	-	2	1	1	1	2	1

Note: For combinations marked with "***", the mid-point suspension cable must be used, otherwise, the boom system may break. Attention: If the boom length is 78m and more, the crane must boom up from side by side erection outrigger, otherwise, the crane may tip over!



06 | Working Range

HJFJ_3 configuration



06 | Load Chart

HJFJ_3 configuration

Unit: t

 m	Boom length 78~102m, Jib length 12m, Boom-to-jib angle 15°, Rear CW 160t, Carbody CW 50t, Additional CW 57t							 m
	78	84	90	93	96	99	102	
16	169	165	158	150				16
18	153	149	147	145	142	140	137	18
20	139	135	132	130	128	126	124	20
22	126	122	119	117	115	114	112	22
24	114	111	108	106	105	103	101	24
26	104	101	98.8	97.2	95.9	94.4	92.8	26
28	95.8	93.2	90.5	89.1	87.9	86.5	85.0	28
30	88.2	85.8	83.3	81.9	80.8	79.5	78.1	30
32	81.5	79.2	76.8	75.6	74.5	73.3	71.9	32
34	75.5	73.3	71.1	69.9	68.9	67.7	66.4	34
36	70.2	68.1	66.0	64.8	63.8	62.7	61.4	36
38	64.8	63.3	61.3	60.2	59.3	58.1	57.0	38
40	59.7	58.9	57.1	56.0	55.1	54.0	52.9	40
44	51.1	50.3	49.3	48.7	47.9	46.8	45.7	44
48	44.1	43.2	42.3	41.7	41.3	40.7	39.7	48
52	38.2	37.3	36.4	35.8	35.4	34.8	34.2	52
56	33.2	32.3	31.3	30.7	30.4	29.8	29.2	56
60	28.9	28.0	27.0	26.4	26.1	25.5	24.9	60
64	25.2	24.3	23.3	22.7	22.3	21.7	21.1	64
68	21.9	21.0	20.0	19.4	19.0	18.4	17.8	68
72	18.9	18.1	17.1	16.5	16.1	15.5	14.9	72
76	16.3	15.5	14.5	13.9	13.5	12.9	12.3	76
80	13.9	13.1	12.2	11.6	11.2	10.6	10.0	80
84		11.0	10.1	9.5	9.1	8.5	7.9	84
88			8.1	7.5	7.2	6.6	6.0	88
92			6.3	5.7	5.4	4.8	4.2	92
96					3.8	3.2	2.6	96
100						1.6	1.1	100

Note:

1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

HJFJ_3 configuration

Unit: t

 m	Boom length 78~102m, Jib length 12m, Boom-to-jib angle 20°, Rear CW 160t, Carbody CW 50t, Additional CW 57t							 m
	78	84	90	93	96	99	102	
16	155	156	149	140				16
18	149	149	143	136	138	133	133	18
20	138	136	133	131	129	127	125	20
22	127	123	120	118	116	115	113	22
24	115	112	109	107	106	104	102	24
26	105	102	99.5	98.0	96.7	95.2	93.7	26
28	96.5	93.9	91.2	89.8	88.6	87.2	85.8	28
30	88.8	86.4	83.9	82.6	81.5	80.2	78.8	30
32	82.1	79.8	77.4	76.2	75.1	73.9	72.6	32
34	76.1	73.9	71.7	70.5	69.5	68.3	67.0	34
36	70.7	68.6	66.5	65.3	64.4	63.2	62.0	36
38	65.2	63.8	61.8	60.7	59.8	58.7	57.5	38
40	60.1	59.3	57.5	56.4	55.6	54.5	53.4	40
44	51.5	50.6	49.7	49.0	48.3	47.2	46.2	44
48	44.4	43.5	42.6	42.0	41.7	41.1	40.0	48
52	38.4	37.6	36.6	36.1	35.7	35.1	34.5	52
56	33.4	32.5	31.6	31.0	30.6	30.1	29.5	56
60	29.1	28.2	27.3	26.7	26.3	25.7	25.1	60
64	25.3	24.4	23.5	22.9	22.5	21.9	21.3	64
68	22.0	21.1	20.2	19.6	19.2	18.6	18.0	68
72	19.0	18.2	17.2	16.6	16.3	15.7	15.1	72
76	16.4	15.5	14.6	14.0	13.7	13.0	12.5	76
80	14.0	13.1	12.2	11.7	11.3	10.7	10.1	80
84		11.0	10.1	9.5	9.2	8.6	8.0	84
88			8.1	7.6	7.2	6.6	6.0	88
92			6.3	5.7	5.4	4.8	4.3	92
96					3.8	3.2	2.6	96
100						1.6	1.1	100

Note:

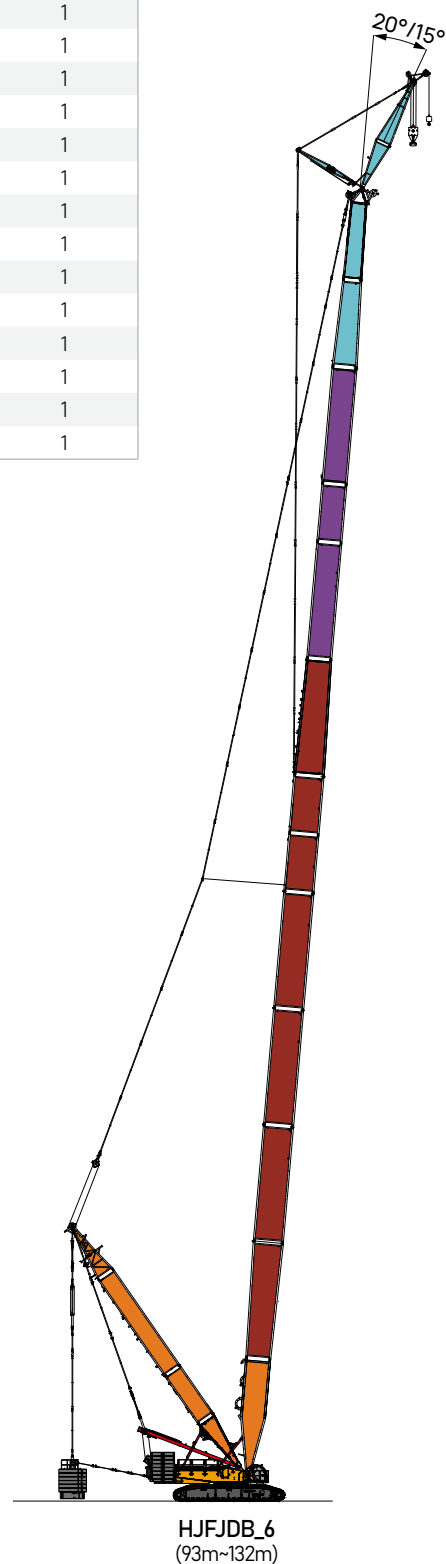
1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Boom Combination

HJFJDB_6 configuration

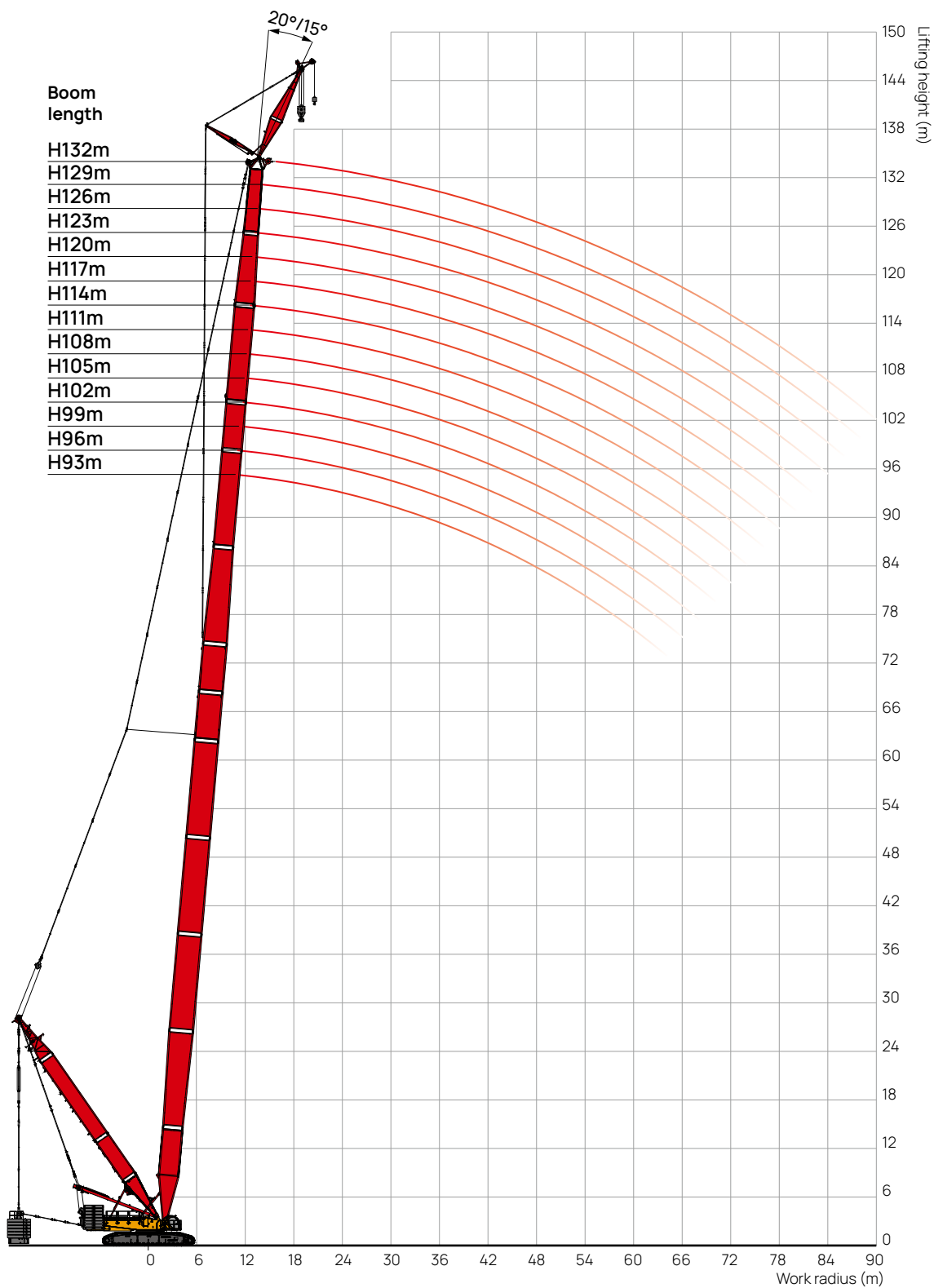
Boom length (m)	Standard boom insert				Power boom insert				
	3m/ (H5)	6m/ (H6)	12mA/ (H8A)	12mA/ (H8C)	12m lower transitional insert/ (ZH4A)	12m power boom insert B/ (ZH8B)	12m power boom insert B/ (ZH8B)	6m power boom insert/ (ZH6)	12m upper transitional insert/ (ZH4B)
93*					1	1	1	2	1
96*	-	1	-	-	1	1	1	2	1
99*	1	1	-	-	1	1	1	2	1
102*	-	-	-	-	1	2	2	2	1
105*	1	-	-	-	1	2	2	2	1
108*	-	1	-	-	1	2	2	2	1
111*	1	1	-	-	1	2	2	2	1
114*	-	-	-	1	1	2	2	2	1
117*	1	-	-	1	1	2	2	2	1
120*	-	1	-	1	1	2	2	2	1
123*	1	1	-	1	1	2	2	2	1
126*	-	-	1	1	1	2	2	2	1
129*	1	-	1	1	1	2	2	2	1
132*	-	1	1	1	1	2	2	2	1

Note: For combinations marked with "**", the mid-point suspension cable must be used, otherwise, the boom system may break. Attention: If the boom length is 93m and more, the crane must boom up from side by side erection outrigger, otherwise, the crane may tip over!



06 | Working Range

HJFJDB_6 configuration



06 | Load Chart

HJFJDB_6 configuration

Unit: t

	Boom length 93~132m, Jib length 12m, Boom-to-jib angle 15°, Superlift radius 16m, Superlift CW 250t, Rear CW 160t, Carbody CW 50t														
	93	96	99	102	105	108	111	114	117	120	123	126	129	132	
16	160*	160*	160*	160*	160*										16
18	160*	160*	160*	160*	160*	160*	156*	147*	139*	132*	125*	119*			18
20	160*	160*	160*	160*	160*	160*	157*	148*	140*	132*	125*	119*	112*	105*	20
22	160*	160*	160*	160*	159*	159*	157*	148*	140*	132*	125*	118*	111*	104*	22
24	158*	158*	157*	156*	155*	154*	152*	148*	140*	132*	124*	118*	110*	103*	24
26	153*	154*	149*	151*	151*	151*	146*	149*	139*	131*	123*	117*	109*	102*	26
28	150*	149*	143*	147*	147*	147*	141*	148*	138*	130*	121*	115*	108*	101*	28
30	145*	143*	137*	143*	143*	143*	135*	146*	137*	129*	120*	114*	107*	100*	30
32	140*	137*	131*	139*	140*	137*	130*	144*	136*	127*	119*	113*	106*	99.7*	32
34	136*	132*	126*	134*	135*	132*	125*	139*	133*	126*	118*	112*	105*	98.5*	34
36	132*	127*	121*	131*	131*	127*	121*	136*	129*	123*	115*	111*	104*	97.4*	36
38	128*	122*	116*	128*	128*	123*	118*	132	125*	119*	112*	109*	102*	96.2*	38
40	124*	117*	112*	124	125	119*	113*	128	121	116*	108*	108*	101*	95.0*	40
44	115	109*	104*	118	116	111	105	120	114	109	102*	103*	98.1*	92.5*	44
48	108	103	98.1	109	108	104	99.8	107	106	104	97.1	97.2	92.9	87.7*	48
52	100	96.8	92.6	98.4	97.7	97.4	93.5	96.4	95.8	95.4	91.8	91.4	87.4	83.4	52
56	90.9	90.6	87.3	88.9	88.3	88.0	87.3	87.0	86.3	86.0	85.3	84.9	82.1	78.8	56
60	82.7	82.4	81.8	80.7	80.1	79.8	79.1	78.8	78.1	77.8	77.1	76.7	76.0	74.4	60
64	75.6	75.3	74.6	73.6	72.9	72.6	72.0	71.6	71.0	70.6	70.0	69.5	68.9	68.5	64
68	69.2	68.9	68.3	67.2	66.6	66.3	65.6	65.3	64.6	64.3	63.6	63.2	62.5	62.2	68
72	63.6	63.3	62.7	61.6	60.9	60.6	60.0	59.6	59.0	58.6	58.0	57.6	56.9	56.5	72
76	58.5	58.2	57.6	56.5	55.9	55.6	54.9	54.6	53.9	53.6	52.9	52.5	51.8	51.5	76
80	54.0	53.7	53.0	52.0	51.3	51.0	50.4	50.0	49.4	49.0	48.4	48.0	47.3	46.9	80
84	49.8	49.5	48.9	47.8	47.2	46.9	46.2	45.9	45.3	44.9	44.2	43.8	43.2	42.8	84
88	46.0	45.7	45.1	44.1	43.4	43.1	42.5	42.2	41.5	41.2	40.5	40.1	39.4	39.0	88
92	42.5	42.3	41.7	40.6	40.0	39.7	39.0	38.7	38.1	37.7	37.1	36.7	36.0	35.6	92
96		39.1	38.5	37.4	36.8	36.5	35.9	35.5	34.9	34.6	33.9	33.5	32.8	32.5	96
100			35.5	34.5	33.8	33.6	32.9	32.6	32.0	31.6	31.0	30.6	29.9	29.5	100
104					31.1	30.8	30.2	29.9	29.3	28.9	28.3	27.9	27.2	26.9	104
108							27.7	27.4	26.7	26.4	25.8	25.4	24.7	24.4	108
112								25.0	24.4	24.1	23.4	23.0	22.4	22.0	112
116										21.9	21.2	20.9	20.2	19.8	116
120											19.2	18.8	18.1	17.8	120
124													16.2	15.9	124
128														14.0	128

Note:

1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

HJFJDB_6 configuration

Unit: t

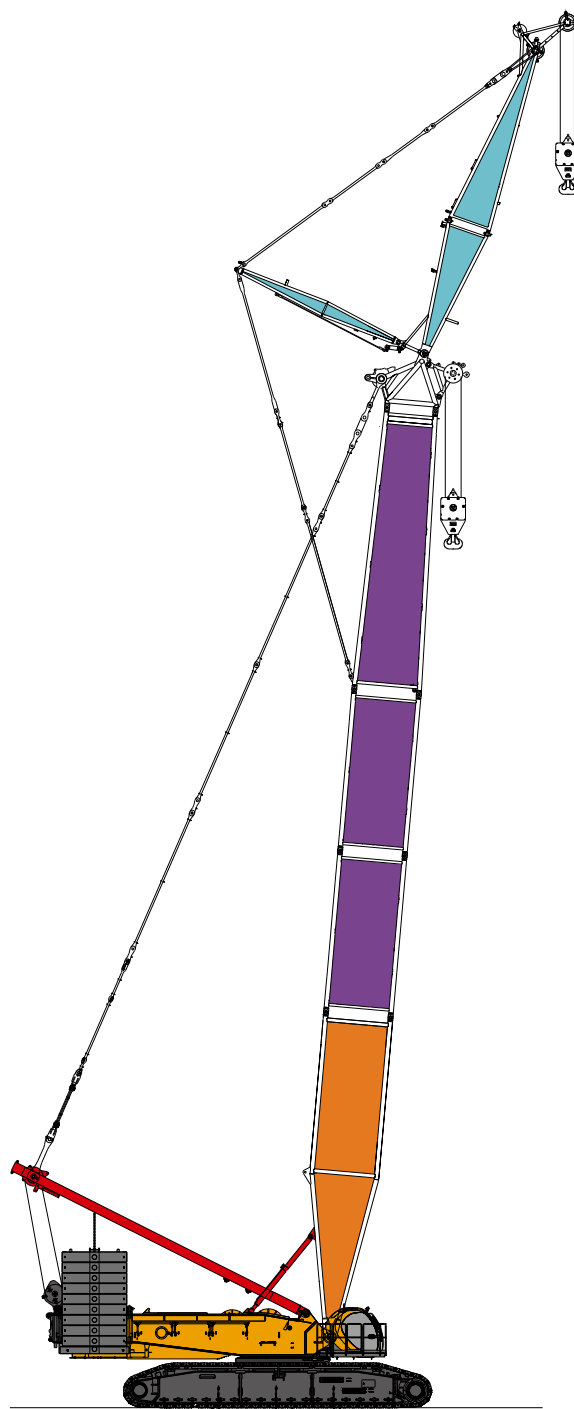
	Boom length 93~132m, Jib length 12m, Boom-to-jib angle 20°, Superlift radius 16m, Superlift CW 250t, Rear CW 160t, Carbody CW 50t														
	93	96	99	102	105	108	111	114	117	120	123	126	129	132	
16	160*														16
18	157*	157*	158*	156*	157*	156*	152*	145*	137*						18
20	151*	152*	154*	151*	152*	153*	152*	145*	137*	129*	123*	118*	111*	105*	20
22	146*	148*	150*	147*	148*	150*	149*	145*	137*	130*	123*	118*	111*	104*	22
24	142*	144*	145*	143*	144*	145*	146*	145*	138*	130*	123*	117*	110*	103*	24
26	138*	139*	141*	138*	141*	142*	142*	145*	138*	131*	122*	116*	109*	102*	26
28	134*	136*	137*	135*	137*	138*	136*	142*	138*	130*	121*	115*	108*	101*	28
30	130*	133*	133*	131*	133*	135*	132*	138*	137*	129*	120*	115*	107*	100*	30
32	127*	128*	128*	129*	130*	132*	127*	135*	134*	127*	119*	113*	106*	99.9*	32
34	124*	126*	122*	125*	127*	128*	123*	133*	130*	123*	116*	112*	105*	98.9*	34
36	121*	122*	118*	122*	124*	124*	118*	130*	126*	120*	112*	111*	104*	97.8*	36
38	118*	118*	113*	119*	122*	120*	114*	127*	122*	117*	109*	110*	103*	96.7*	38
40	115*	115*	110*	117*	119*	115*	110*	124	119*	113*	105*	107*	101*	95.5*	40
44	110*	107*	102*	112	113	109	103*	118	113	107	100*	101*	96.1*	91.3*	44
48	106	101	96.2*	108	106	101	97.8	107	106	102	95.1	94.8	91.1	86.5*	48
52	100	95.0	91.0	98.7	98.1	96.3	91.6	96.8	96.2	95.8	90.5	89.7	86.3	81.9	52
56	91.2	90.5	85.8	89.2	88.6	88.3	86.2	87.3	86.7	86.3	85.7	84.8	81.1	77.4	56
60	83.0	82.7	81.4	81.0	80.4	80.1	79.4	79.1	78.4	78.1	77.5	77.1	76.4	73.5	60
64	75.8	75.5	74.8	73.8	73.1	72.8	72.2	71.9	71.2	70.9	70.2	69.8	69.2	68.8	64
68	69.4	69.1	68.5	67.4	66.8	66.5	65.8	65.5	64.9	64.5	63.9	63.5	62.8	62.4	68
72	63.7	63.4	62.8	61.7	61.1	60.8	60.2	59.9	59.2	58.9	58.2	57.8	57.1	56.8	72
76	58.6	58.4	57.7	56.7	56.0	55.7	55.1	54.8	54.1	53.8	53.1	52.7	52.1	51.7	76
80	54.0	53.8	53.2	52.1	51.5	51.2	50.5	50.2	49.6	49.2	48.6	48.2	47.5	47.1	80
84	49.9	49.6	49.0	47.9	47.3	47.0	46.4	46.0	45.4	45.1	44.4	44.0	43.3	43.0	84
88	46.1	45.8	45.2	44.1	43.5	43.2	42.6	42.3	41.6	41.3	40.6	40.2	39.6	39.2	88
92	42.6	42.3	41.7	40.6	40.0	39.7	39.1	38.8	38.2	37.8	37.2	36.8	36.1	35.8	92
96		39.1	38.5	37.4	36.8	36.6	35.9	35.6	35.0	34.6	34.0	33.6	32.9	32.6	96
100			35.5	34.5	33.9	33.6	33.0	32.7	32.0	31.7	31.1	30.7	30.0	29.7	100
104					31.1	30.8	30.2	29.9	29.3	29.0	28.3	28.0	27.3	26.9	104
108							27.7	27.4	26.8	26.5	25.8	25.4	24.8	24.4	108
112								25.0	24.4	24.1	23.5	23.1	22.4	22.1	112
116										21.9	21.2	20.9	20.2	19.9	116
120											19.2	18.8	18.1	17.8	120
124													16.2	15.9	124
128														14.0	128

- Note:
- Complies with ISO 4305 standards.
 - Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
 - The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
 - Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Boom Combination

FJh configuration

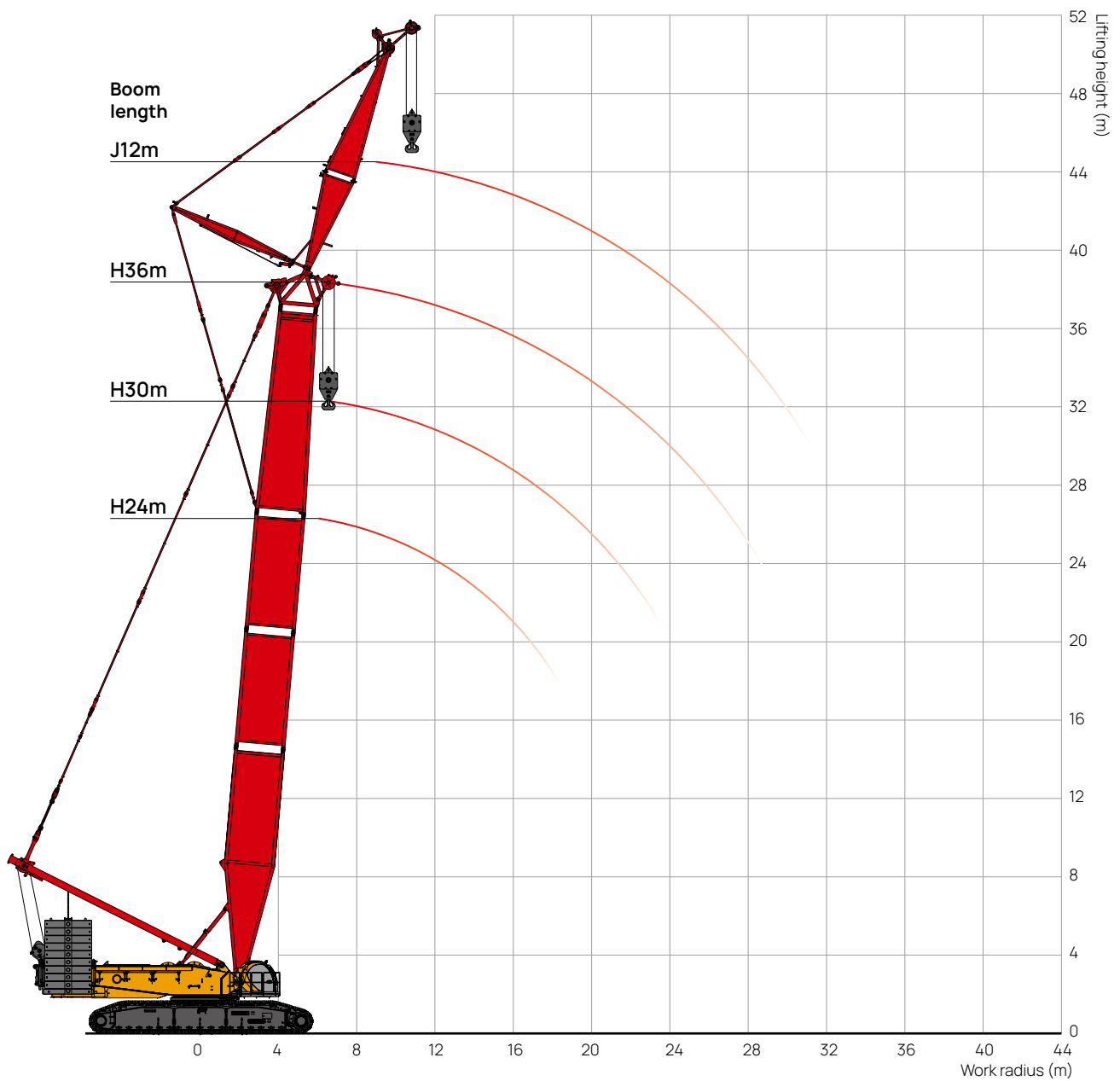
Boom length (m)	Insert	Boom	
	6m/(H6)	12m boom base / (H2)	10.5m tapered boom insert / (H4)
24	-	1	1
30	1	1	1
36	2	1	1



FJh
(24m~36m)+12m

06 | Working Range

FJh configuration



06 | Load Chart

FJh configuration

Unit: t

	Boom length 24m~36m, Jib length 12m, Boom-to-jib angle 15°, Rear CW 200t, Carbody CW 50t						
	24		30		36		
	Main hook	Aux. hook	Main hook	Aux. hook	Main hook	Aux. hook	
6	558						6
7	481		482		475		7
8	414		414		414		8
9	362	160	362		362		9
10	321	160	321	160	321	160	10
11	288	156	288	160	288	160	11
12	260	147	261	153	261	157	12
14	217	133	218	140	218	145	14
16	185	121	186	128	186	134	16
18	155	112	157	119	158	125	18
20	131	103	133	111	134	117	20
22	112	96.1	115	104	115	111	22
24		90.3	100	98.4	100	104	24
26		85.0	87.8	92.6	88.7	98.9	26
28		80.4	77.5	87.9	78.5	90.2	28
30		76.7		82.0	69.9	81.4	30
32		73.1		74.4	62.4	73.9	32
34		67.9		67.9		67.4	34
36				62.1		61.7	36
38				57.0		56.6	38
40				52.3		52.1	40
44						44.3	44

Note:

1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Load Chart

FJh configuration

Unit: t

 m	Boom length 24m~36m, Jib length 12m, Boom-to-jib angle 20°, Rear CW 200t, Carbody CW 50t						 m
	24		30		36		
	Main hook	Aux. hook	Main hook	Aux. hook	Main hook	Aux. hook	
6	558						6
7	480		481		475		7
8	413		413		413		8
9	361		362		362		9
10	320	135	321		321		10
11	287	128	288	131	288	133	11
12	260	122	260	125	260	127	12
14	217	111	218	116	218	119	14
16	185	102	186	108	186	111	16
18	155	95.4	157	101	157	105	18
20	131	89.4	133	94.7	134	99.0	20
22	112	83.7	114	89.1	115	94.6	22
24		78.9	99.9	85.2	100	89.7	24
26		74.6	87.6	80.9	88.5	85.3	26
28		71.1	77.3	77.0	78.3	81.9	28
30		68.3		73.7	69.7	78.5	30
32		65.8		70.7	62.2	74.4	32
34		63.4		68.1		67.8	34
36				62.4		62.0	36
38				57.2		56.9	38
40				52.5		52.3	40
44						44.4	44

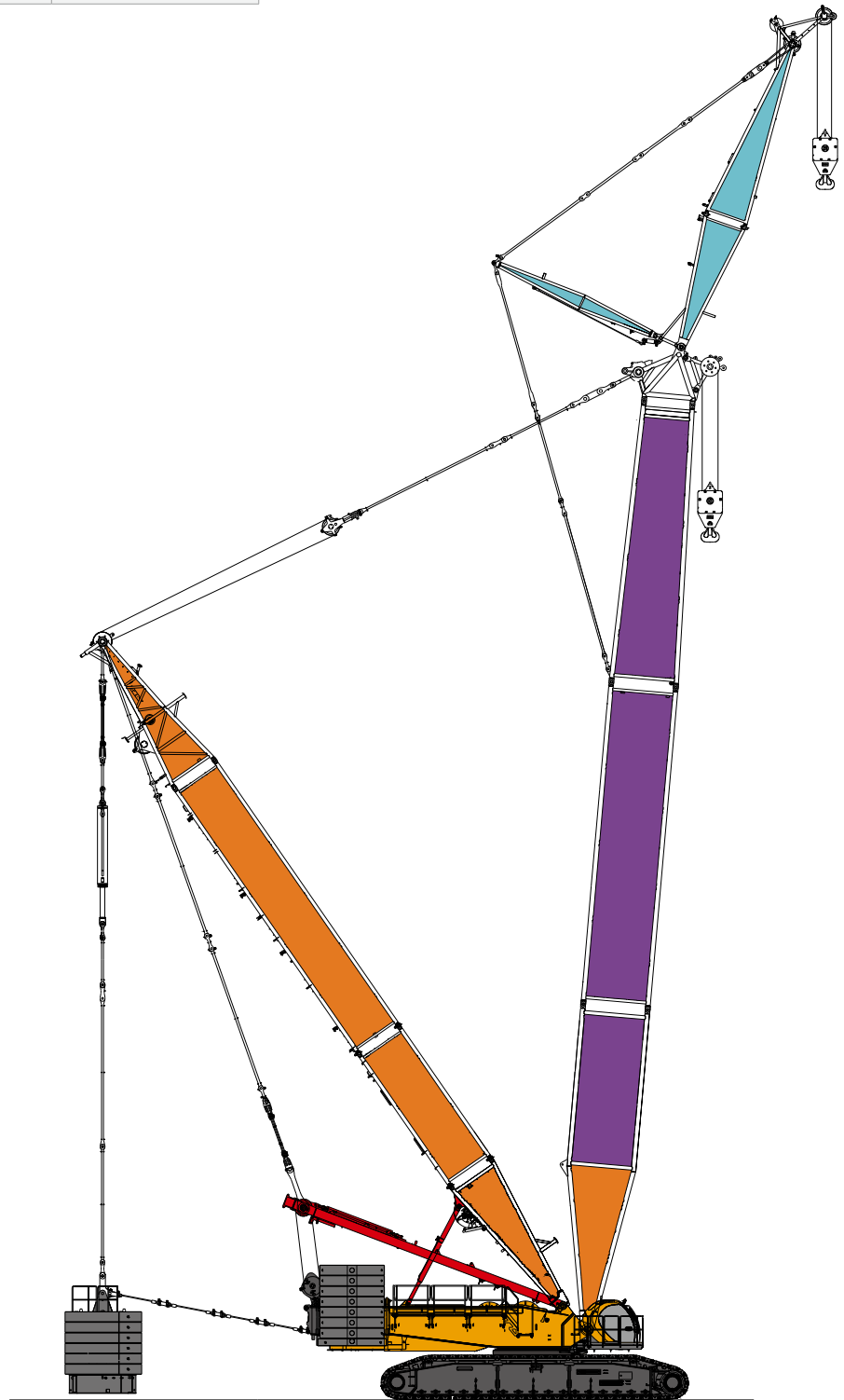
Note:

1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

06 | Boom Combination

FJhDB configuration

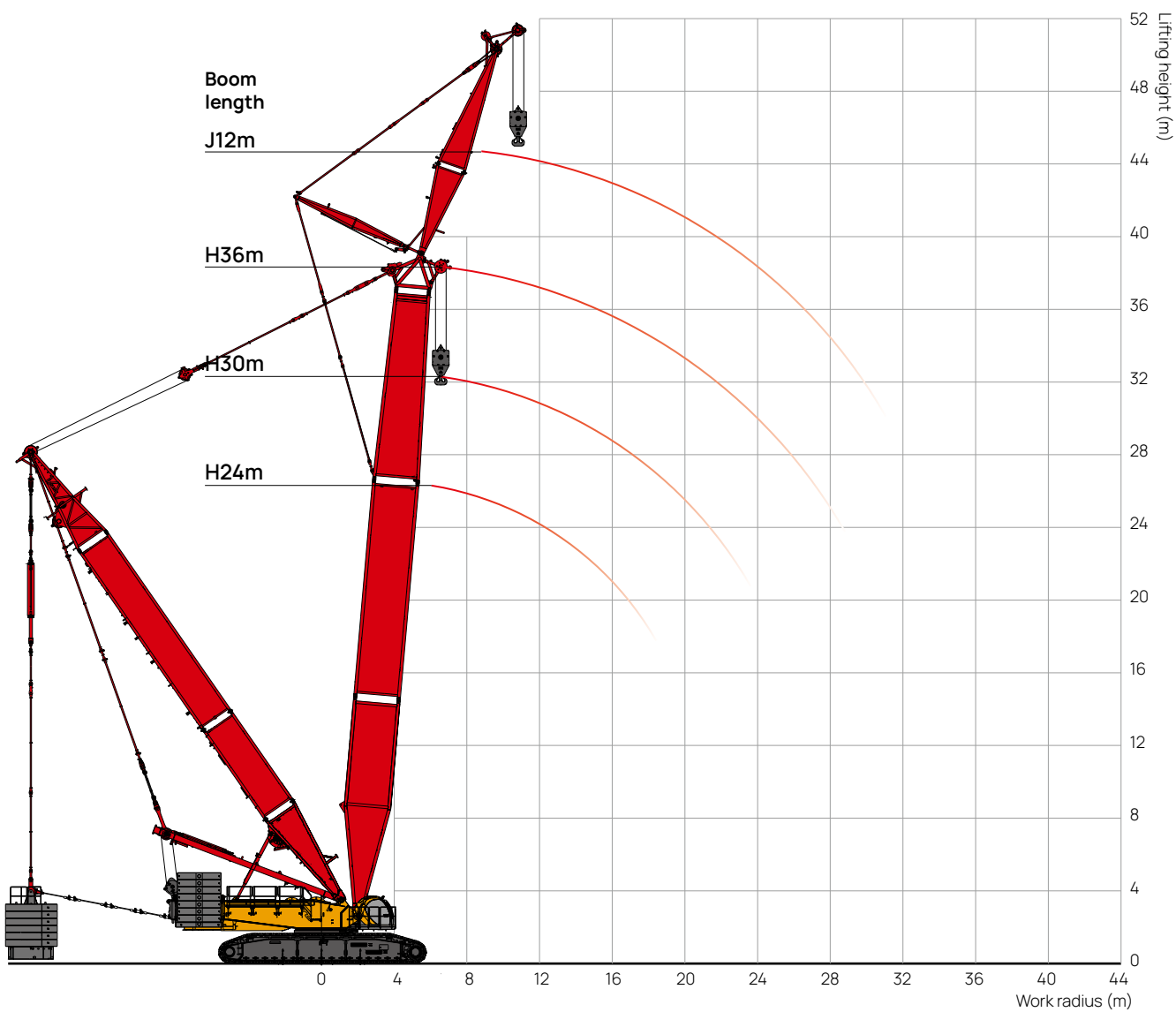
Boom length (m)	Insert	Boom	
	12m/(H8A)	12m boom base / (H2)	10.5m tapered boom insert/(H4)
36	1	1	1



FJhDB
(36m+12m)

06 | Working Range

FJhDB configuration



06 | Load Chart

FJhDB configuration

Unit: t

Boom length 36m, Jib length 12m, Boom-to-jib angle 15°, Superlift radius 16m, Superlift CW 250t, Rear CW 160t, Carbody CW 50t			
 m	36		 m
	Main hook	Aux. hook	
7	534*		7
8	534*		8
9	538*		9
10	538*	160*	10
11	540	160*	11
12	520	160*	12
14	445	147*	14
16	388	136*	16
18	343	126*	18
20	307	119*	20
22	276	111*	22
24	250	106*	24
26	228	100*	26
28	209	95.1*	28
30	193	90.5*	30
32	179	86.9*	32
34		83.2*	34
36		80.3*	36
38		77.3*	38
40		74.6*	40
44		70.0*	44

Boom length 36m, Jib length 12m, Boom-to-jib angle 20°, Superlift radius 16m, Superlift CW 250t, Rear CW 160t, Carbody CW 50t			
 m	36		 m
	Main hook	Aux. hook	
7	534*		7
8	534*		8
9	538*		9
10	538*		10
11	540	134*	11
12	520	130*	12
14	445	121*	14
16	387	112*	16
18	343	106*	18
20	307	100*	20
22	276	95.2*	22
24	250	90.8*	24
26	228	86.4*	26
28	209	82.5*	28
30	193	79.0*	30
32	179	75.8*	32
34		73.4*	34
36		70.9*	36
38		69.0*	38
40		66.9*	40
44		63.3*	44

Note:

1. Complies with ISO 4305 standards.
2. Data marked with an asterisk (*) indicates that the superlift counterweight does not leave the ground under this condition.
3. The rated load values in the table include the weight of the hook, wire rope, and other lifting gear. The actual lifting weight is the rated load minus the combined weight of these items.
4. Since testing has not yet been conducted, the parameters in the table may be subject to slight changes in the future.

Zhejiang Sany Equipment Co.,LTD

SANY Crawler Crane Industrial Park, No. 2188 Daishan Road, Wuxing District, Huzhou City, Zhejiang Province, P. R. China Zip 313028
Consulting sanycrane@sanygroup.com (Crane BU) / crd@sany.com.cn (IHQ)
After-sales Service 0086-400 6098 318

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