



SCC5000A-1

SANY Crawler Crane

500 Tons Lifting Capacity

Quality Changes the World



Max. lifting capacity: 500t

Max. boom length: 84m

Max. boom + jib length: 84m + 84m

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.



Crawler Crane Series SCC5000A-1

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Main Characteristics

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Product Specification



Engine

- Model: Cummins diesel engine (European Tier III Emission Standard);
- Rated power: 298kW/1800rpm;
- Max. torque: 1898N·m/1400rpm.

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 limit switches 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.

Hydraulic System

- Components: Hydraulic system of load hoisting, traveling, swing, hoisting and luffing, servo, backstop hydraulic, cooling, aux. system. Main components are all imported originally;
- Features: Closed circuit is adopted for all load hoisting hydraulic, traveling hydraulic, hoisting and 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, safe and reliable;
- Cooling system is featured with high radiating power and excellent cooling effect.

Cab

- Fully-enclosed steel frame structure and large area of glass window at front, sides and top make cab brightened 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 at most, realizing real-time monitoring the wire rope of the winch drum, lifting status of the superlift counterweight and surrounding;
- The system is equipped with recording function, and longest reserving time can be up to 76 hours, providing reference to operation and accident.



Product Specification

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 the outermost 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 hydro fluent change.

Main load hoist mechanism I	Drum diameter	666mm
	Rope speed on the outermost work layer	0~140m/min
	Wire rope diameter	26mm
	Wire rope length of main hoist	950m
	Rated single rope pull	15.3t
Main load hoist mechanism II	Drum diameter	666mm
	Rope speed on the outermost work layer	0~140m/min
	Wire rope diameter	26mm
	Wire rope length of main hoist II	950m
	Rated single rope pull	15.3t

Boom/Jib/Superlift Luffing Mechanism

- Including: Luffing mechanisms of the boom, jib and superlift;
- Drums with fold-line grooves are adopted for all luffing devices. Hydraulic motor drives the planetary gear reducer with excellent infinitely variable displacement to realize multi-functions.

Boom luffing mechanism	Drum diameter	641mm
	Rope speed on the outermost work layer	(0~70)×2m/min
	Wire rope diameter	26mm
	Wire rope length of boom luffing	560m
Jib luffing mechanism	Drum diameter	676mm
	Rope speed on the outermost work layer	0~110m/min
	Wire rope diameter	26mm
	Wire rope length of jib luffing	740m
Superlift mast luffing mechanism	Drum diameter	676mm
	Rope speed on the outermost work layer	0~110m/min
	Wire rope diameter	26mm
	Wire rope length of superlift luffing	840m

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 swing function, without shocking at start and stop.
- Swing ring: Triple-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 undercarriage footprint 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.

Product Specification



Counterweight

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

Name	Quantity	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

Operation Equipment

- All chords are high-strength steel tubes, and the boom/jib point sheaves are made of high-strength anti-wearing Nylon material protecting wire rope. The hooks are installed with milled welded steel sheave.

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, insert section 6m×2, and insert section 12m×4;
- Optional offers: 3m boom top (for wind energy configuration without superlift), 60m power boom (12m×5);
- 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, with jib extension.

E-jib

- The E-jib assembly consists of two sections, one straight end and one angle end, all made of high strength structural steel.

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 24m to 84m;
- Composition: Jib base 10.5m×1, jib insert 6m×3, jib insert 12m×4, and jib top 7.5m×1;
- The extension jib can install on the jib top.

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 12m×1, insert section 6m×1, and mast top 12m×1.

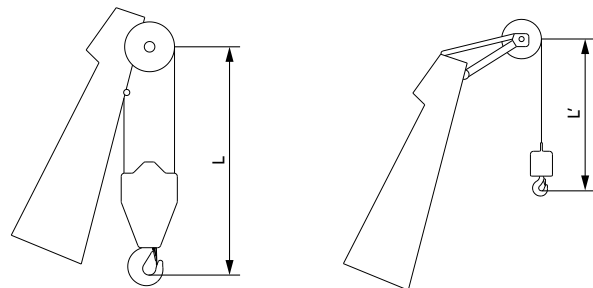
Hook

- 7 types of hooks are available, and specific parameters are as follows:

Type	Max. Lifting Capacity	Quantity	Pulleys	Unit Weight (t)
500t hook	500t	1	2×9	10.80
200t hook	200t	1	9	3.70
240t hook	240t	1	2×4	4.71
160t hook	160t	1	2×3	3.81
130t hook	130t	1	5	3.06
50t hook	50t	1	2	2.52
16t ball hook	16t	1	-	0.94

Note: The 500t hook, 240t hook, and 160t hook can be respectively decomposed to 250t hook, 120t hook, 80t hook. For shield configuration, 200t hook of a single sheave is available.

Hook Limitation Height



Hook	L	Hook	L'
500t	3.2m	16t	3.2m



Safety Devices

Operating Weight

- The operating weight is about 415t, 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 0.175MPa.

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 allowable 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 limit, boom angle limit in LML, and overload, so as to facilitate the crane assembly;
- In Work Mode, all safety devices can function properly.

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 luffing. 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 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 use, and long service life.

CCTV Monitoring System

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

Safety Devices



Fault Auto-Diagnosis System

- Faults can be conveniently eliminated based on the fault code.

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.



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Technical Parameters

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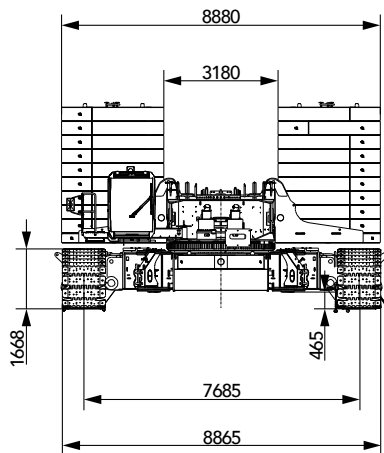
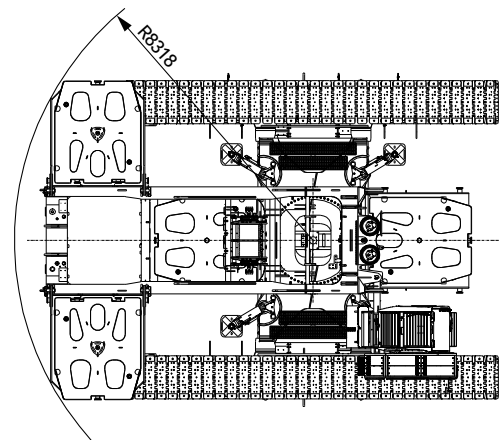
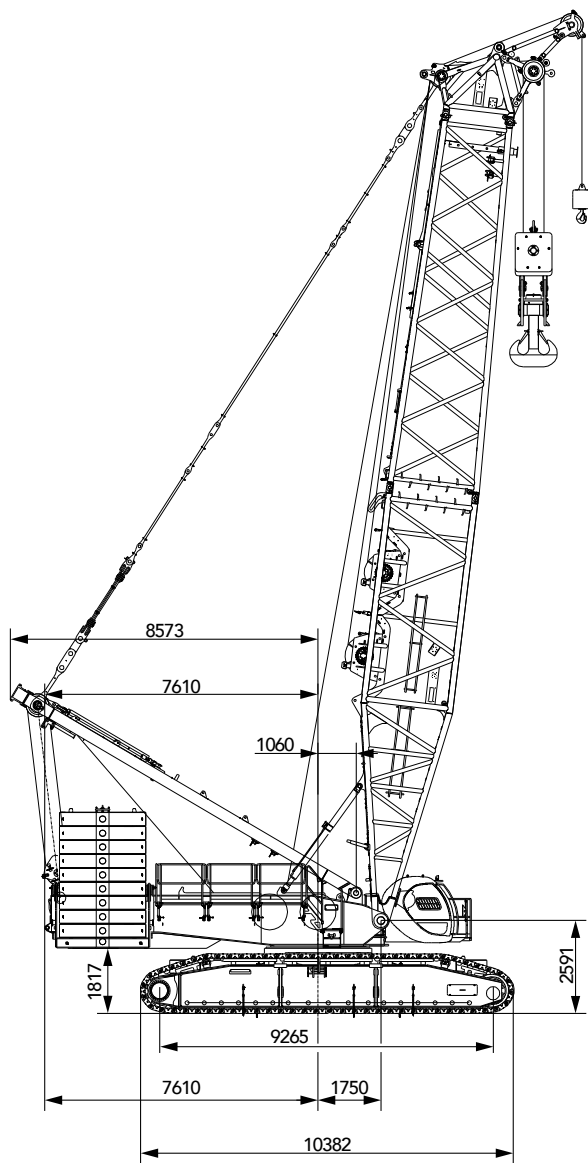


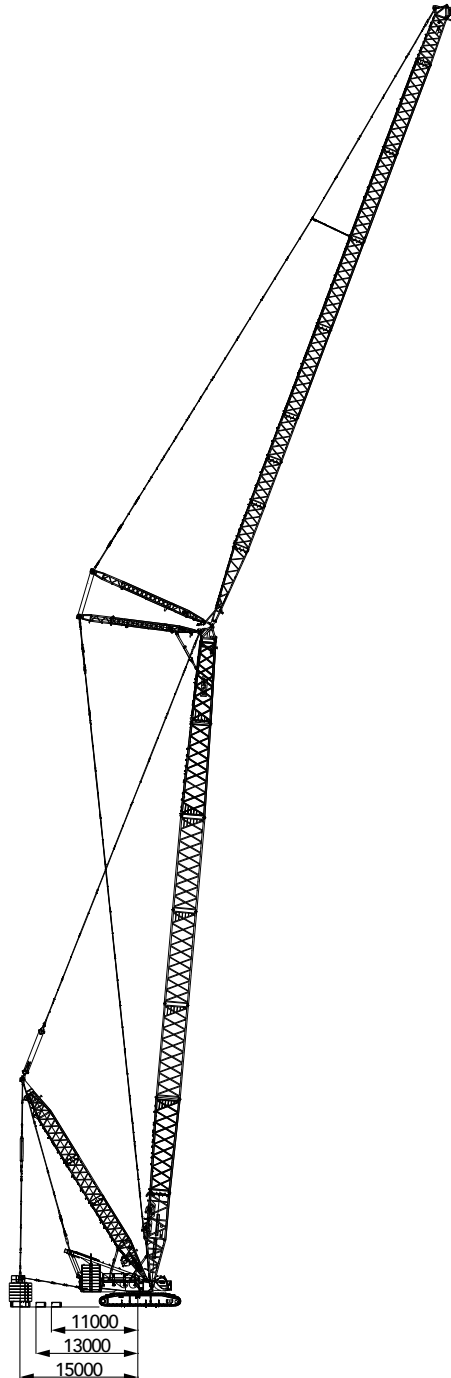
Major Performance & Specifications

Major Performance & Specifications of SCC5000A-1		
Performance Indicators	Unit	Parameter
Max. rated lifting capacity	t	500
Max. rated lifting capacity (with superlift)	t	500
Max. rated lifting moment	t·m	3112
Max. rated lifting moment (with superlift)	t·m	6200
Boom length	m	24~84
Boom length (with superlift)	m	36~132
Length of luffing jib	m	24~72
Length of luffing jib (with superlift)	m	24~84
Combination of longest boom+jib (LJDB Configuration)	m	84+84
Mixed power boom +fixed jib	m	96+12
Mixed power boom+ fixed jib(with superlift)	m	126+12
E-jib length	m	(77.5~98.5)+7
E-jib length(with superlift)	m	(95.5~128.5)+7
Heavy-duty fixed jib (for Shield lifting)	m	(24~36)+12
Heavy-duty fixed jib (for Shield lifting)	m	36+12
Boom luffing angle	°	30~85
Jib luffing angle	°	25~75
Max. speed of single rope of the main hoist (outermost work layer)	m/min	0~140
Max. speed of single rope of the aux. hoist (outermost work layer)	m/min	0~140
Max. speed of single rope of the boom luffing winch (outermost work layer)	m/min	(0~70)×2
Max. speed of single rope of the jib luffing winch (outermost work layer)	m/min	0~110
Max. speed of single rope of the superlift luffing winch (outermost work layer)	m/min	0~110
Swing speed (empty 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	298/1800
Average ground pressure of the track (boom base, 200t machine counterweight, 50t carbody counterweight and 500t hook)	MPa	0.175
Rear counterweight	t	200 (without superlift) / 160 (with superlift)
Superlift counterweight	t	210
Carbody counterweight	t	50
Max. unit transportation dimensions (L × W × H)	mm	12100×3000×3200
Max. unit transportation weight	t	46
Gross weight (basic boom, 200t rear counterweight, 50t carbody counterweight, 500t hook)	t	415

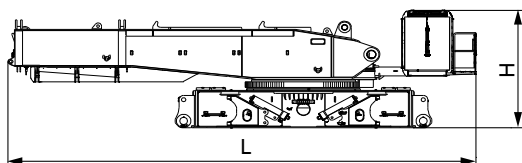
Unit: mm

Outline Dimension



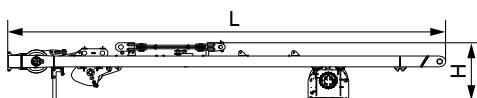
Outline Dimension

Transport Dimensions



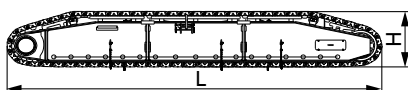
Basic machine ×1

Length (L)	12.10m
Width (W)	3.00m
Height (H)	3.20m
Weight	46.0t



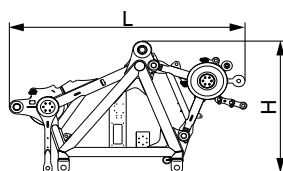
Main hoisting mast (with winch) ×1

Length (L)	11.20m
Width (W)	2.60m
Height (H)	1.68m
Weight	12.11t



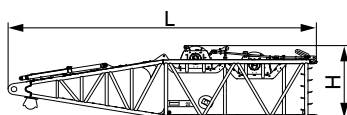
Crawler assembly ×2

Length (L)	10.90m
Width (W)	1.80m
Height (H)	1.67m
Weight	31.0t



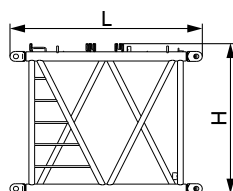
Boom top (with pulley blocks) ×1

Length (L)	3.74m
Width (W)	2.78m
Height (H)	2.29m
Weight	5.24t



Boom base (with two hoisting winches) ×1

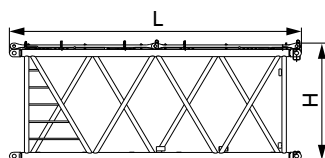
Length (L)	12.34m
Width (W)	3.00m
Height (H)	3.20m
Weight	22.4t



3m boom insert ×1

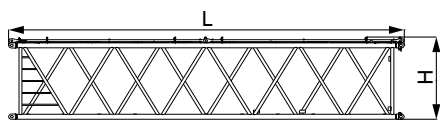
Length (L)	3.20m
Width (W)	2.98m
Height (H)	2.72m
Weight	1.35t

Transport Dimensions



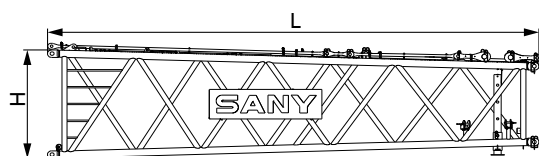
6m boom insert ×2

Length (L)	6.20m
Width (W)	3.00m
Height (H)	2.77m
Weight	3.24t



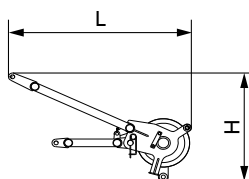
12m boom insert A ×4

Length (L)	12.24m
Width (W)	3.00m
Height (H)	2.80m
Weight	5.75t



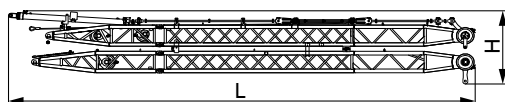
Boom tapered insert ×1

Length (L)	10.70m
Width (W)	2.98m
Height (H)	2.74m
Weight	6.03t



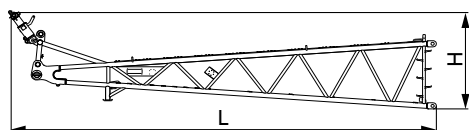
Boom extension ×1

Length (L)	2.32m
Width (W)	1.00m
Height (H)	0.818m
Weight	0.37t



Front and rear mast of luffing jib ×1

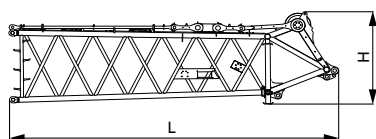
Length (L)	16.80m
Width (W)	3.10m
Height (H)	2.78m
Weight	10.8t



Luffing jib base ×1

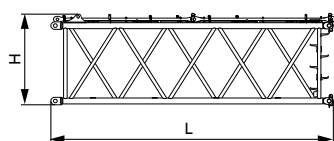
Length (L)	11.20m
Width (W)	2.62m
Height (H)	2.78m
Weight	3.90t

Transport Dimensions



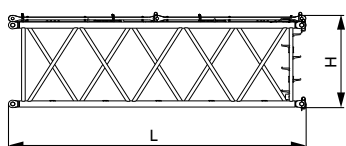
Luffing jib top ×1

Length (L)	8.13m
Width (W)	2.54m
Height (H)	2.48m
Weight	4.34t



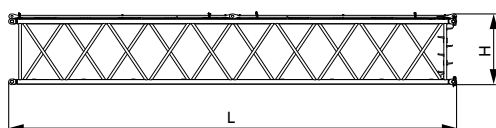
6m luffing jib insert A ×1

Length (L)	6.19m
Width (W)	2.82m
Height (H)	2.17m
Weight	1.97t



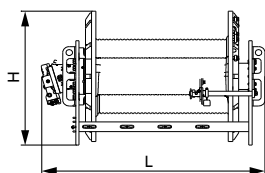
6m luffing jib insert B ×2

Length (L)	6.18m
Width (W)	2.82m
Height (H)	2.11m
Weight	1.91t



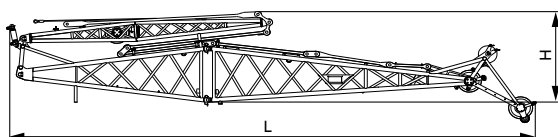
12m luffing jib insert ×4

Length (L)	12.20m
Width (W)	2.82m
Height (H)	2.11m
Weight	3.31t



Luffing mechanism ×1

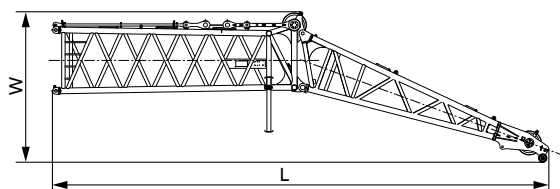
Length (L)	1.72m
Width (W)	1.22m
Height (H)	1.13m
Weight	4.82t



Fixed jib assembly ×1

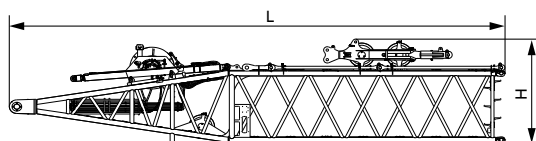
Length (L)	14.00m
Width (W)	2.40m
Height (H)	3.25m
Weight	5.28t

Transport Dimensions



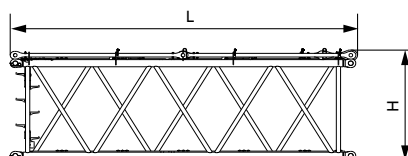
E-jib assembly × 1

Length (L)	14.7m
Width (W)	4.45m
Height (H)	2.65m
Weight	8.5t



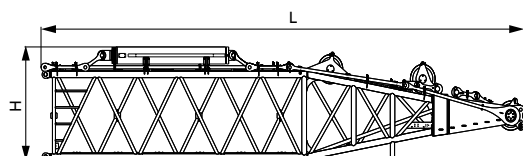
Superlift mast base (with winch) × 1

Length (L)	12.30m
Width (W)	2.96m
Height (H)	2.84m
Weight	13.9t



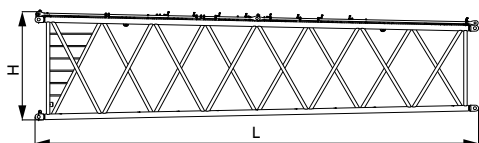
Superlift mast insert (with winch) × 1

Length (L)	6.21m
Width (W)	2.96m
Height (H)	2.14m
Weight	2.9t



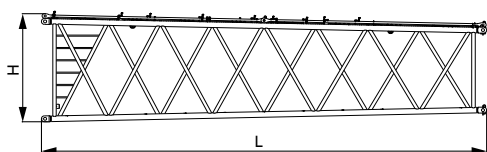
Superlift mast top (with winch) × 1

Length (L)	12.40m
Width (W)	2.96m
Height (H)	2.40m
Weight	9.24t



12m power boom base × 1

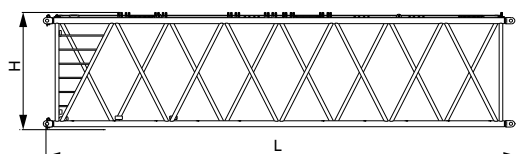
Length (L)	12.20m
Width (W)	3.56m
Height (H)	3.25m
Weight	6.98t



12m power boom top × 1

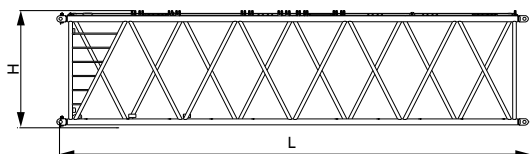
Length (L)	12.20m
Width (W)	3.56m
Height (H)	3.25m
Weight	6.95t

Transport Dimensions



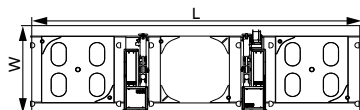
12m power boom insert A ×1

Length (L)	12.20m
Width (W)	3.56m
Height (H)	3.25m
Weight	6.36t



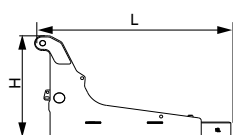
12m power boom insert B ×2

Length (L)	12.20m
Width (W)	3.56m
Height (H)	3.25m
Weight	6.73t



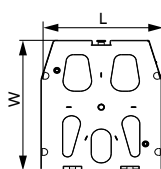
Superlift counterweight tray ×1

Length (L)	8.60m
Width (W)	2.50m
Height (H)	1.85m
Weight	10.0t



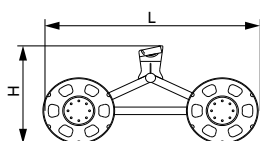
Rear counterweight tray ×2

Length (L)	3.18m
Width (W)	2.83m
Height (H)	1.80m
Weight	10.0t



10t counterweight block ×40

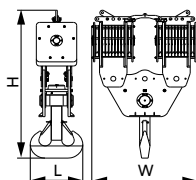
Length (L)	2.40m
Width (W)	2.85m
Height (H)	0.48m
Weight	10.0t



Trolley ×1

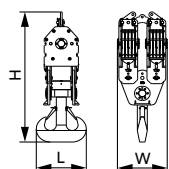
Length (L)	3.00m
Width (W)	2.05m
Height (H)	1.50m
Weight	1.09t

Transport Dimensions



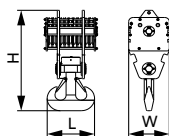
500t hook ×1

Length (L)	1.33m
Width (W)	2.69m
Height (H)	4.07m
Weight	10.8t



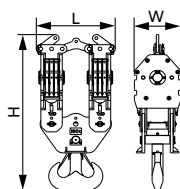
240t hook ×1

Length (L)	1.18m
Width (W)	1.19m
Height (H)	3.58m
Weight	4.71t



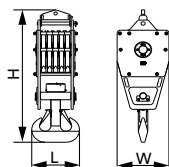
200t hook ×1

Length (L)	1.06m
Width (W)	0.91m
Height (H)	2.45m
Weight	3.7t



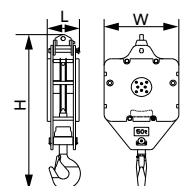
160t hook ×1

Length (L)	1.38m
Width (W)	0.81m
Height (H)	2.99m
Weight	3.81t



130t hook ×1

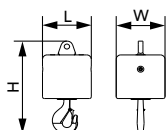
Length (L)	0.75m
Width (W)	0.82m
Height (H)	2.28m
Weight	3.06t



50t hook ×1

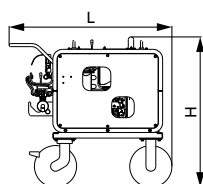
Length (L)	0.45m
Width (W)	1.02m
Height (H)	2.30m
Weight	2.52t

Transport Dimensions



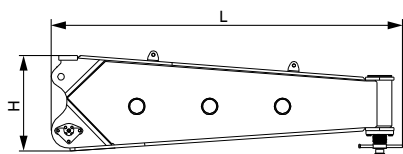
16t hook ×1

Length (L)	0.53m
Width (W)	0.53m
Height (H)	1.10m
Weight	0.94t



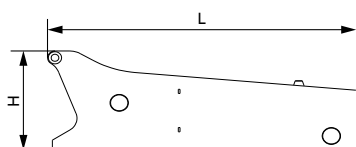
Portable power pack ×1

Length (L)	1.16m
Width (W)	0.75m
Height (H)	1.01m
Weight	0.23t



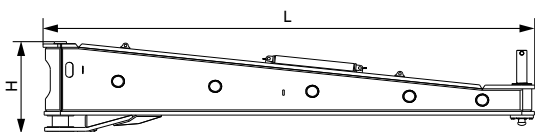
Side boom erection outrigger ×2

Length (L)	3.62m
Width (W)	0.80m
Height (H)	0.98m
Weight	1.58t



Carbody counterweight tray ×2

Length (L)	3.03m
Width (W)	2.94m
Height (H)	1.05m
Weight	15.0t



Front boom erection outrigger ×2

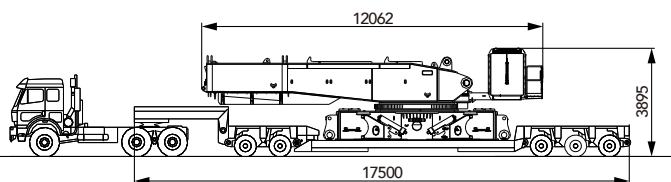
Length (L)	6.08m
Width (W)	0.60m
Height (H)	0.98m
Weight	4.78t

Note:

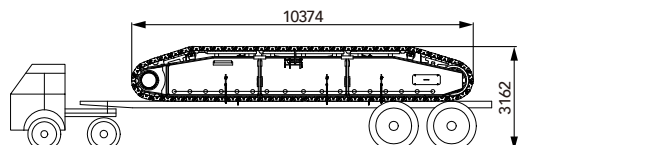
- 1.The dimension listed is schematic, which is not proportional. All the dimensions are designed values without packing.
- 2.The dimensions are subject to deviation due to manufacturing tolerances.

Transport Plan

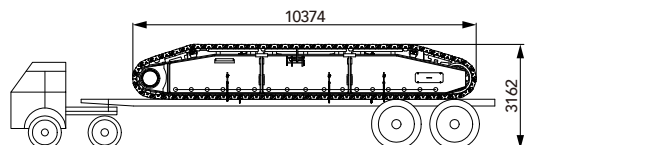
Trailer 1	▪ 17.5m*2.5m*0.576m (L*W*H), Rated load 60t
Transport weight	▪ 46t
Part	▪ Rotating platform ▪ Carbody
Truckload	▪ 1+1



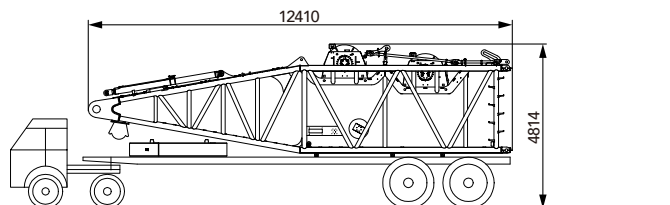
Trailer 2	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 31t
Part	▪ Crawler frame assembly
Truckload	▪ 1



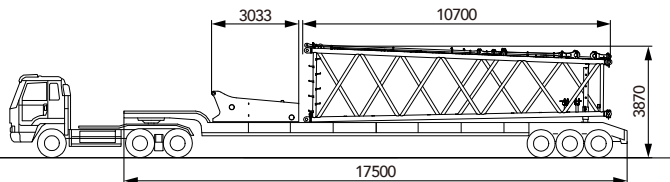
Trailer 3	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 31t
Part	▪ Crawler frame assembly
Truckload	▪ 1



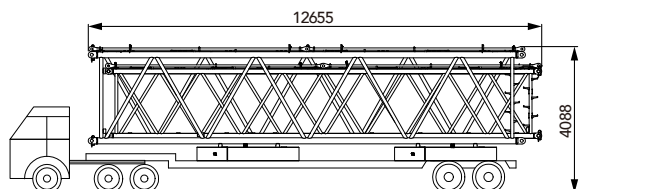
Trailer 4	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 32.4t
Part	▪ Boom base ▪ 10t counterweight block
Truckload	▪ 1+1



Trailer 5	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 31.03t
Part	▪ Boom tapered section ▪ 10t counterweight block ▪ Carbody counterweight tray
Truckload	▪ 1+1+1

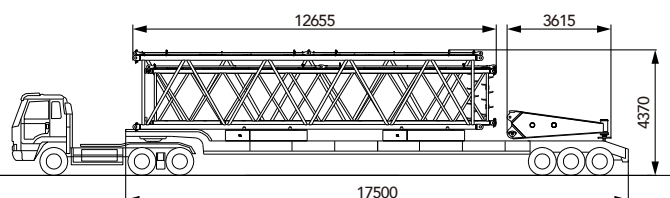


Trailer 6, 7, 8	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 29.06t
Part	▪ 12m boom insert A ▪ 12m luffing jib insert ▪ 10t counterweight block
Truckload	▪ 1+1+2

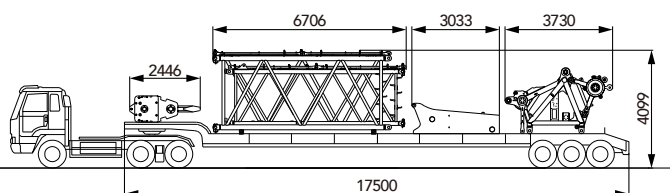


Transport Plan

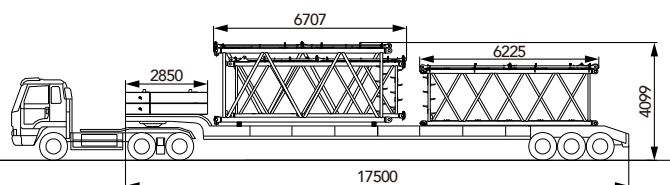
Trailer 9	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 30.64t
Part	▪ 12m boom insert A ▪ 12m luffing jib insert ▪ 10t counterweight block ▪ Side boom erection outrigger
Truckload	▪ 1+1+2+2



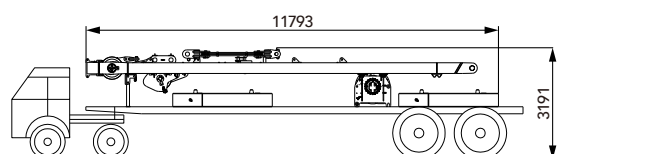
Trailer 10	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 29.09t
Part	▪ 6m boom insert ▪ 6m luffing jib insert B ▪ Connection tip ▪ Pulley blocks ▪ Carbody counterweight tray ▪ 200t hook
Truckload	▪ 1+1+1+2+1+1



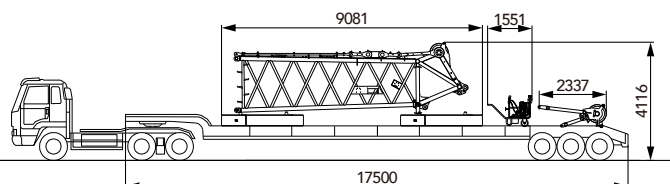
Trailer 11	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 28.1t
Part	▪ 6m boom insert ▪ 6m luffing jib insert B ▪ 10t counterweight block ▪ Superlift boom insert
Truckload	▪ 1+1+2+1



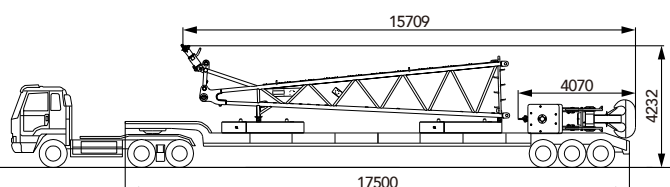
Trailer 12	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 32.11t
Part	▪ Main hoisting mast and winch ▪ 10t counterweight block
Truckload	▪ 1+2



Trailer 13	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 29.75t
Part	▪ Jib top ▪ Portable power plant ▪ Jib luffing mechanism ▪ 10t counterweight block ▪ Boom extension
Truckload	▪ 1+1+1+2+1

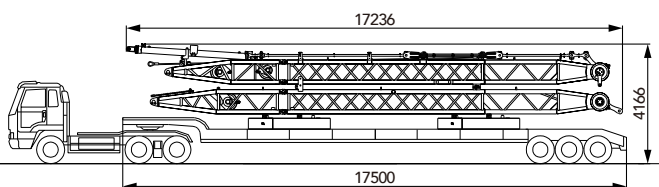


Trailer 14	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 34.7t
Part	▪ Luffing jib base ▪ 10t counterweight block ▪ 500t hook
Truckload	▪ 1+2+1

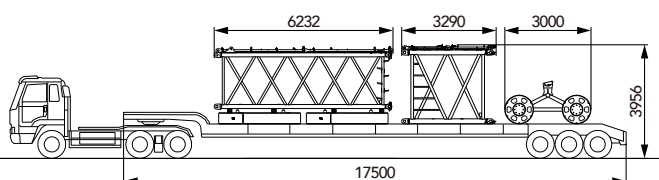


Transport Plan

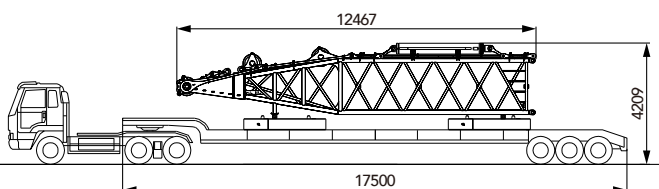
Trailer 15	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 30.8t
Part	▪ Front and rear luffing mast, ▪ 10t counterweight block
Truckload	▪ 1+1+2



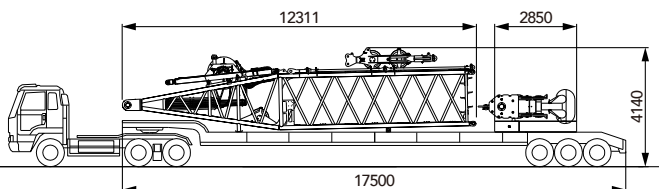
Trailer 16	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 25.624t
Part	▪ 6m luffing jib insert A ▪ Trolley ▪ 3m boom insert ▪ 10t counterweight block
Truckload	▪ 1+1+1+2



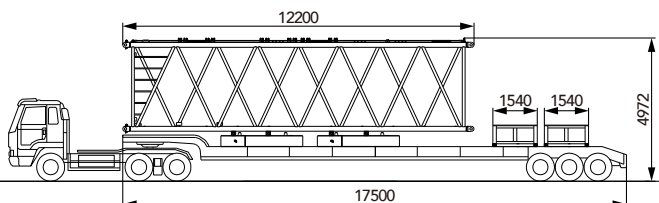
Trailer 17	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 29.24t
Part	▪ Superlift mast top, ▪ 10t counterweight block
Truckload	▪ 1+2



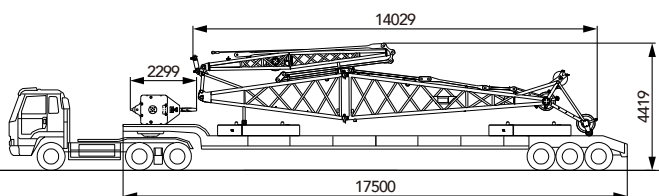
Trailer 18	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 28.61t
Part	▪ Superlift mast base and superlift luffing mechanism ▪ 10t counterweight block ▪ 240t hook
Truckload	▪ 1+1+1



Trailer 19	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 28.83t
Part	▪ Power boom 12mB boom insert ▪ Packing cases ▪ 10t counterweight block
Truckload	▪ 1+2+2

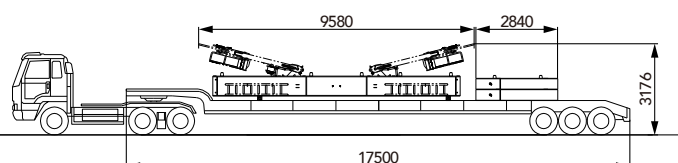


Trailer 20	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 27.8t
Part	▪ Fixed jib ▪ 10t counterweight block ▪ 50t hook
Truckload	▪ 1+2+1

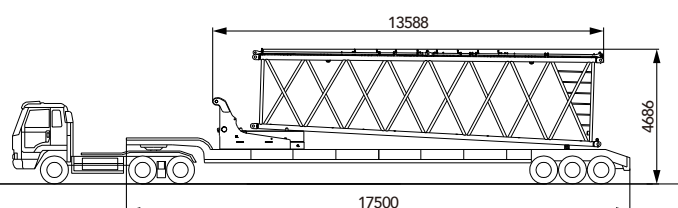


Transport Plan

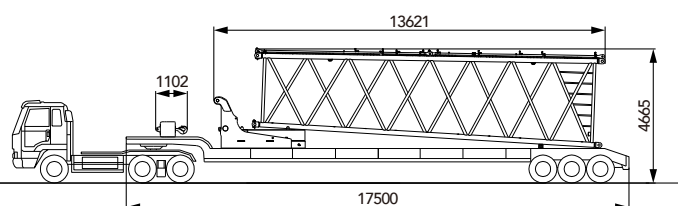
Trailer 21	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 30t
Part	▪ Superlift counterweight tray ▪ 10t counterweight block
Truckload	▪ 1+2



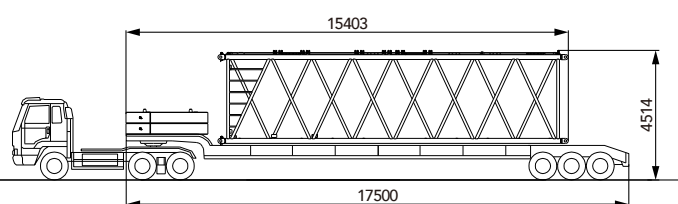
Trailer 22	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 26.98t
Part	▪ 12m transitional base ▪ Rear counterweight tray ▪ 10t counterweight block
Truckload	▪ 1+1+1



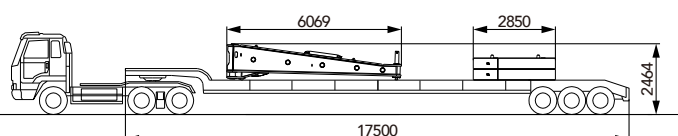
Trailer 23	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 27.95t
Part	▪ 12m transitional top ▪ Rear counterweight tray ▪ 10t counterweight block ▪ 16t hook
Truckload	▪ 1+1+1+1



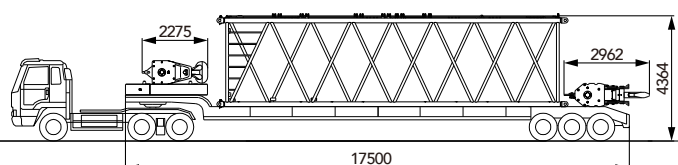
Trailer 24	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 26.36t
Part	▪ Power boom 12mA boom insert ▪ 10t counterweight block
Truckload	▪ 1+2



Trailer 25	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 29.56t
Part	▪ Front boom erection outrigger ▪ 10t counterweight block
Truckload	▪ 2+2

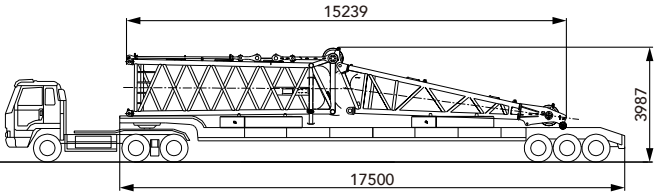


Trailer 26	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 25.68t
Part	▪ 130t lifting hook ▪ 160t hook ▪ Hook counterweight ▪ Power boom 12mB boom insert ▪ 10t counterweight block
Truckload	▪ 1+1+8+1+1



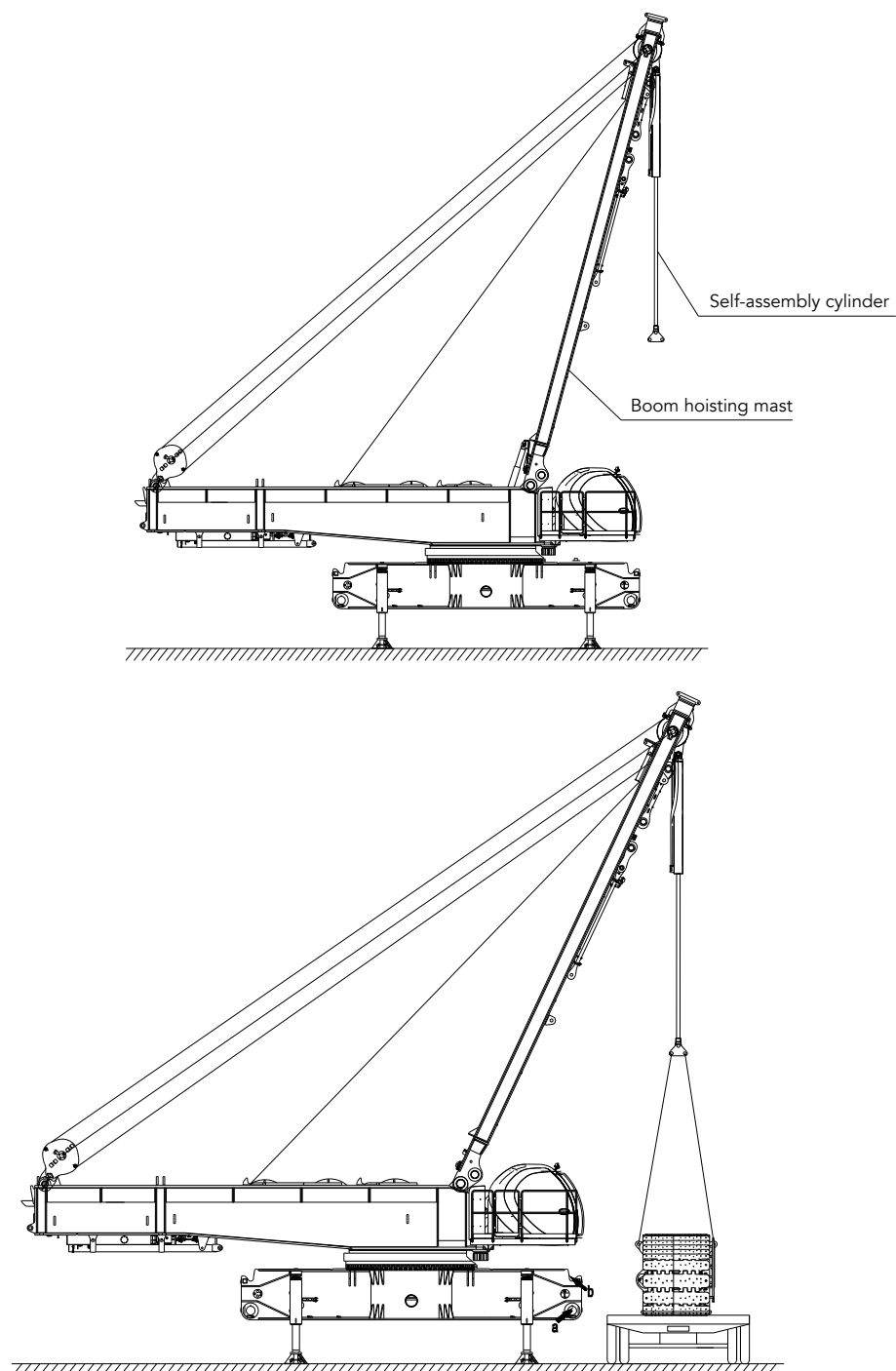
Transport Plan

Trailer 27	▪ 17.5m*2.5m*1.2m (L*W*H), Rated load 35t
Transport weight	▪ 28.04t
Part	▪ E-jib ▪ 10t counterweight block
Truckload	▪ 1+2



Self-Assembly Plan

Crawler frame self-assembly





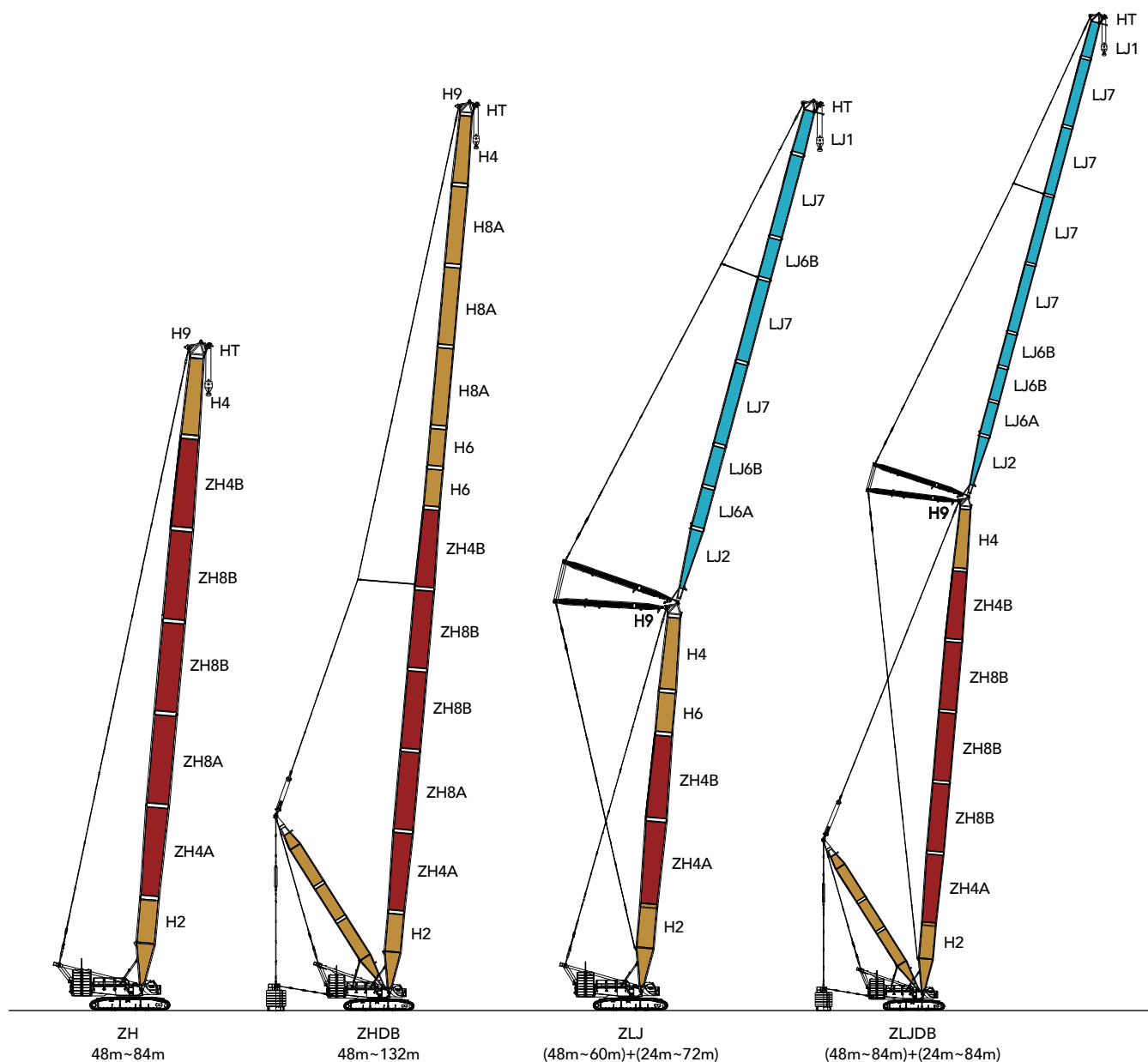
SCC5000A-1 **SANY CRAWLER CRANE** **500 TONS LIFTING CAPACITY**

QUALITY CHANGES THE WORLD

Configurations

- Page 27 Configuration
- Page 32 ZH Configuration
- Page 35 ZHDB Configuration
- Page 38 ZLJ/ZLJDB Configuration
- Page 51 ZHE Configuration
- Page 54 ZHEDB Configuration
- Page 57 FJh Configuration
- Page 61 FJhDB Configuration
- Page 65 H Configuration
- Page 68 HDB Configuration
- Page 71 HJ Configuration
- Page 74 HJDB Configuration
- Page 77 HJFJ_2 Configuration
- Page 81 HJFJDB_5 Configuration
- Page 85 LJ(DB) Configuration

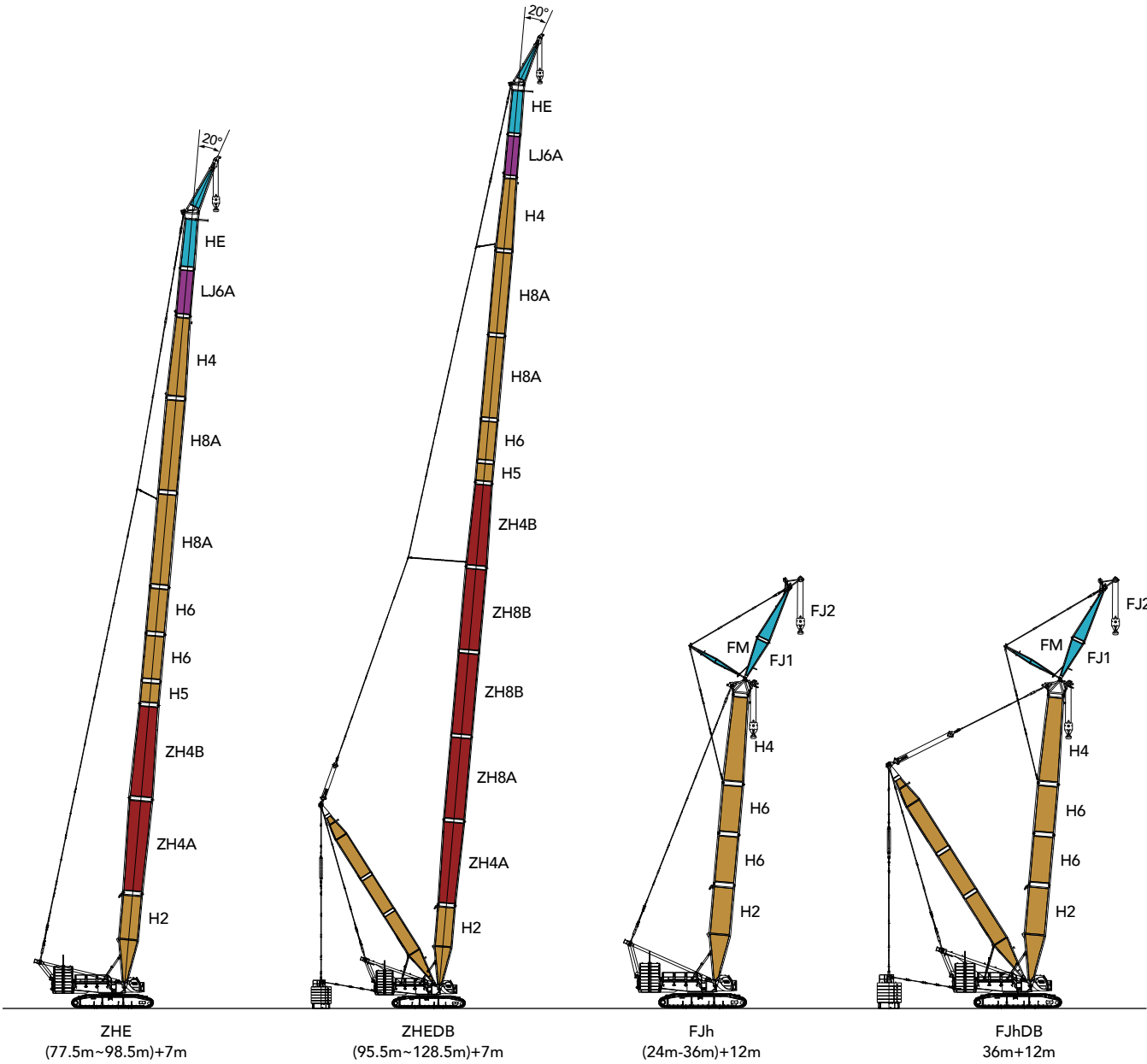
Configurations



Configuration	Boom Combination	Boom Length
ZH	Power Boom + Boom	48m~84m
ZHDB	Power Boom + Boom + Superlift Mast + Superlift Counterweight	48m~132m
ZLJ	Power Boom + Luffing Jib	(48m~60m)+(24m~72m)
ZLJDB	Power Boom + Luffing Jib + Superlift Mast + Superlift Counterweight	(48m~84m)+(24m~84m)

Note: The above is only the schematic diagram of lifting.

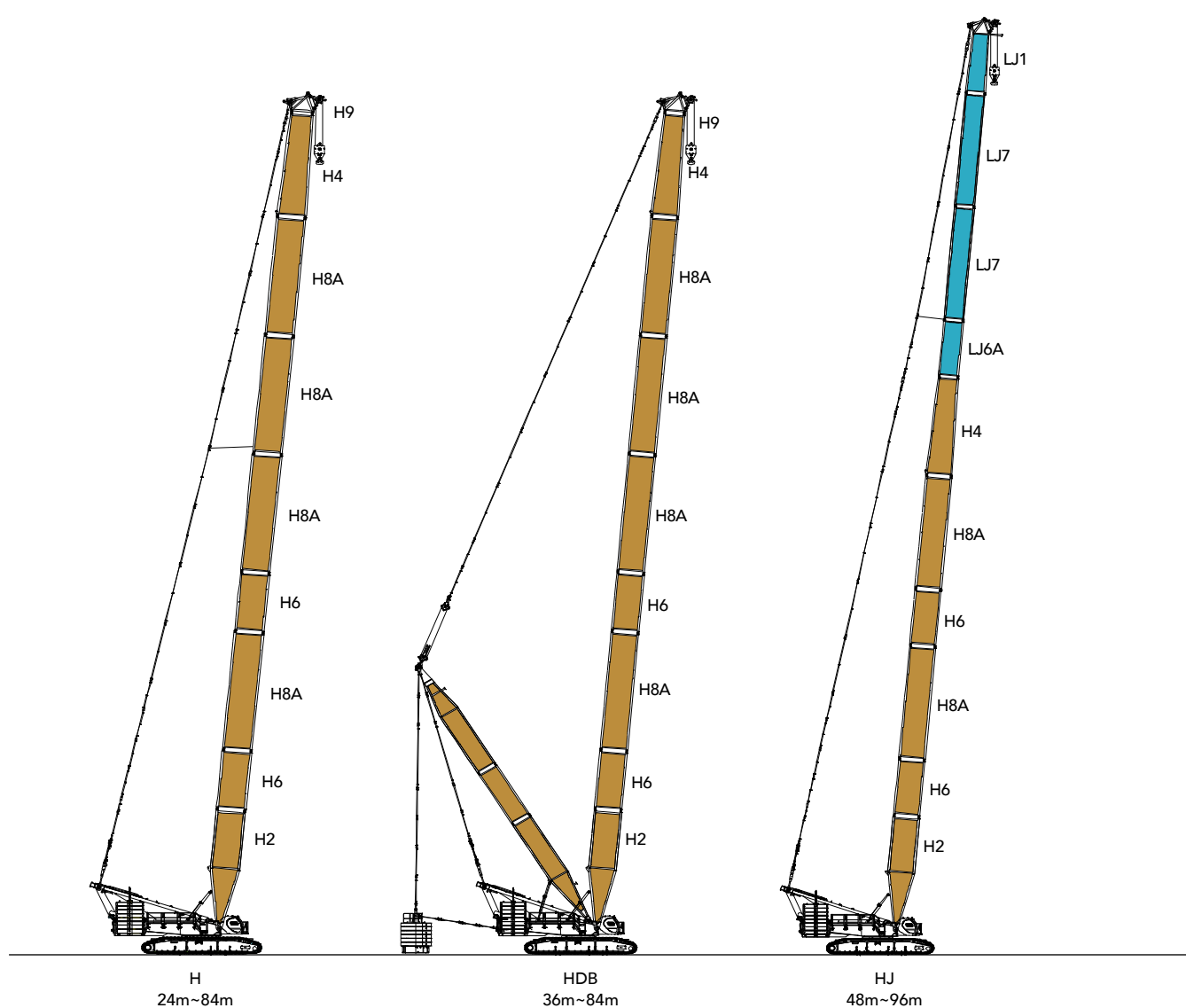
Configurations



Configuration	Boom Combination	Boom Length
ZHE	Power Boom + Boom + E-jib	(77.5m~98.5m)+7m
ZHEDB	Power Boom + Boom + E-jib +Superlift Mast+ Superlift Counterweight	(95.5m~128.5m)+7m
FJh	Boom + Fixed Jib	(24m~36m)+12m
FJhDB	Boom + Fixed Jib + Superlift Mast + Superlift Counterweight	36m+12m

Note: The above is only the schematic diagram of lifting.

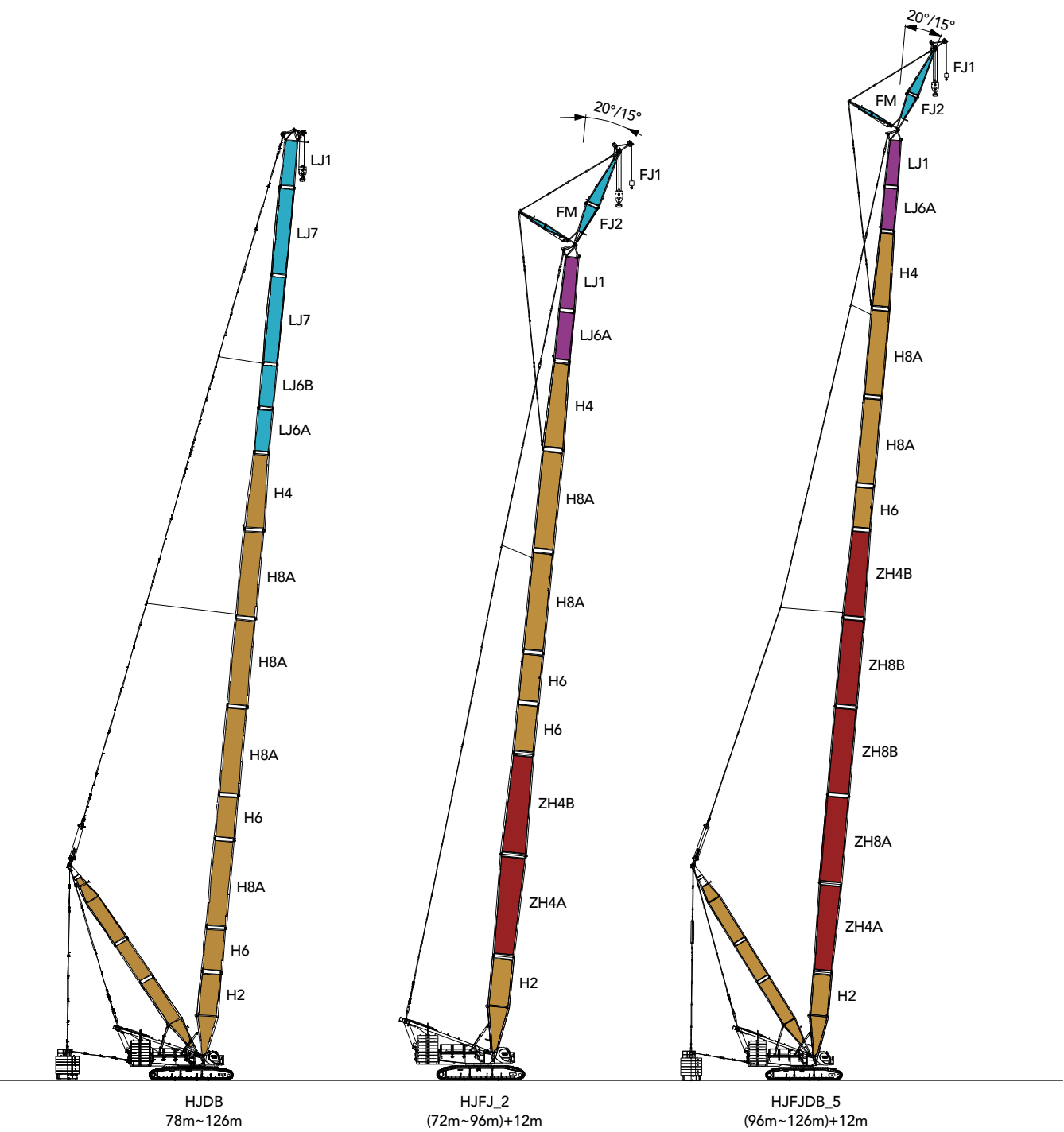
Configurations



Configuration	Boom Combination	Boom Length
H	Boom	24m~84m
HDB	Boom + Superlift Mast + Superlift Counterweight	36m~84m
HJ	Mixed Boom	48m~96m

Note: The above is only the schematic diagram of lifting.

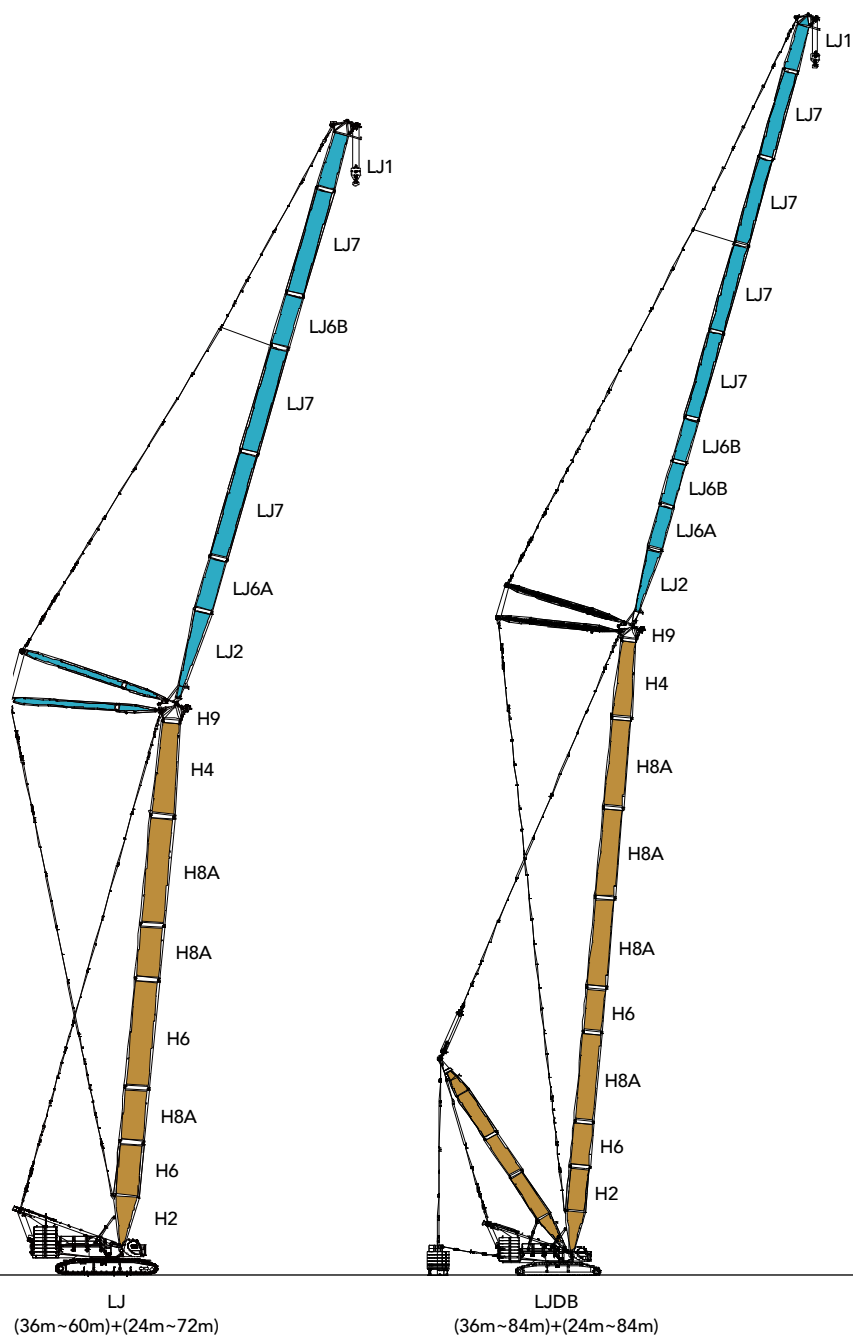
Configurations



Configuration	Boom Combination	Boom Length
HJDB	Mixed Boom + Superlift Mast + Superlift Counterweight	78m~126m
HJFJ_2	Power Boom (2 sections) + Fixed Jib	(72m~96m)+12m
HJFJDB_5	Power Boom (5 sections) + Boom + Fixed Jib + Superlift Mast + Superlift Counterweight	(96m~126m)+12m

Note: The above is only the schematic diagram of lifting.

Configurations



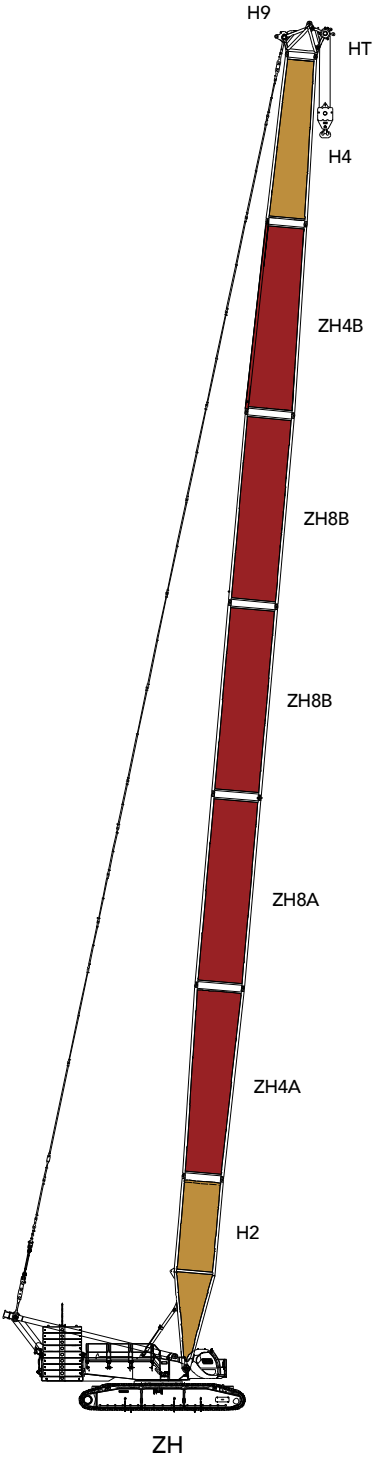
Configuration	Boom Combination	Boom Length
LJ	Boom + Luffing Jib	(36m~60m)+(24m~72m)
LJDB	Boom + Luffing Jib + Superlift Mast + Superlift Counterweight	(36m~84m)+(24m~84m)

Note: The above is only the schematic diagram of lifting.

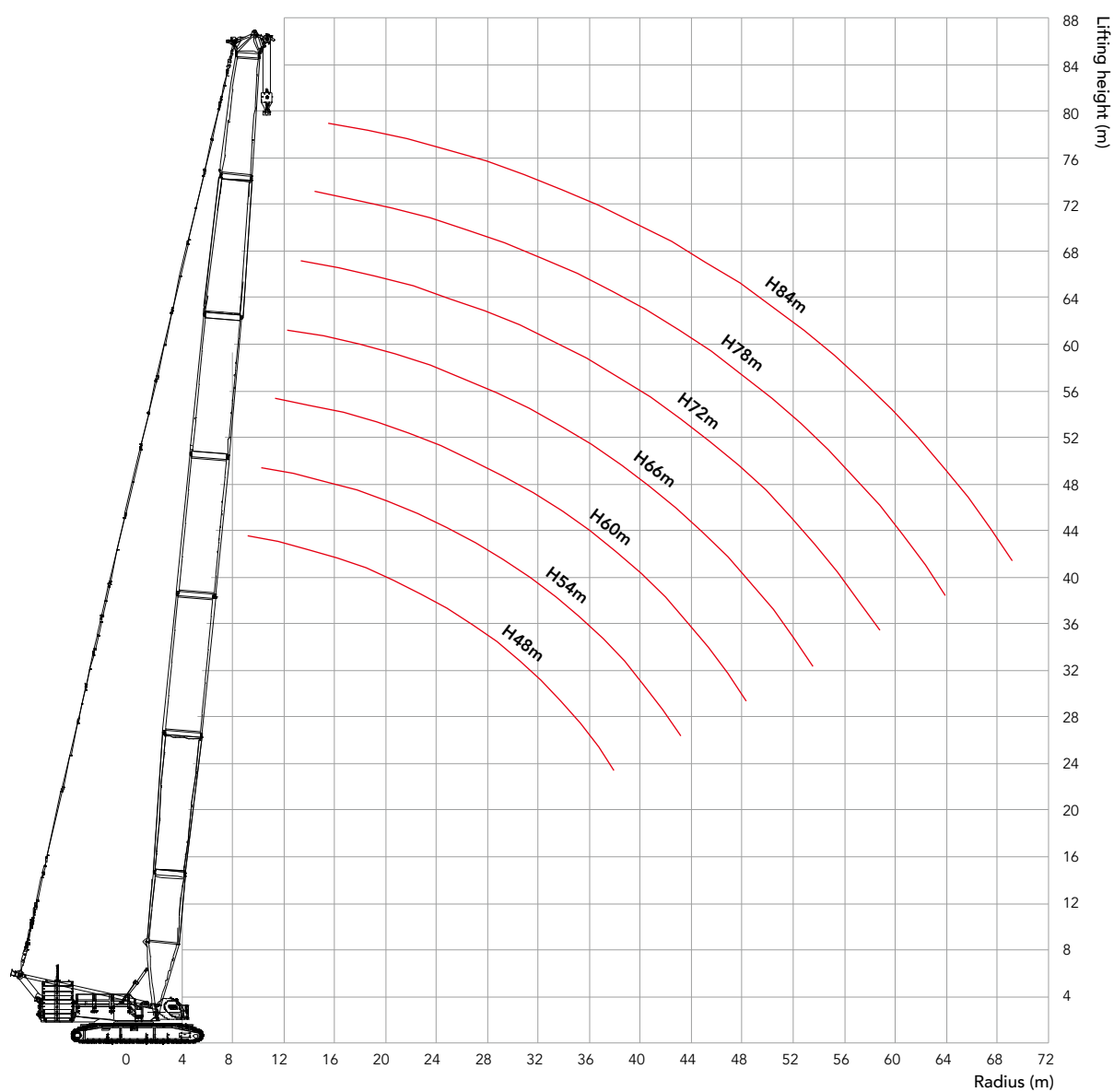
Boom Combination in ZH

Boom Combination in ZH					
Boom length (m)	Boom insert	Power boom			
	6m/(H6)	12m /(ZH4A)	12m /(ZH8A)	12m /(ZH8B)	12m /(ZH4B)
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

Attention: If the boom length is 78m or more, the crane must boom up from side by side erection outrigger or from the front by the special front erection outrigger, otherwise the crane may tip over.



Working Radius in ZH



Load Chart of ZH

Notes:

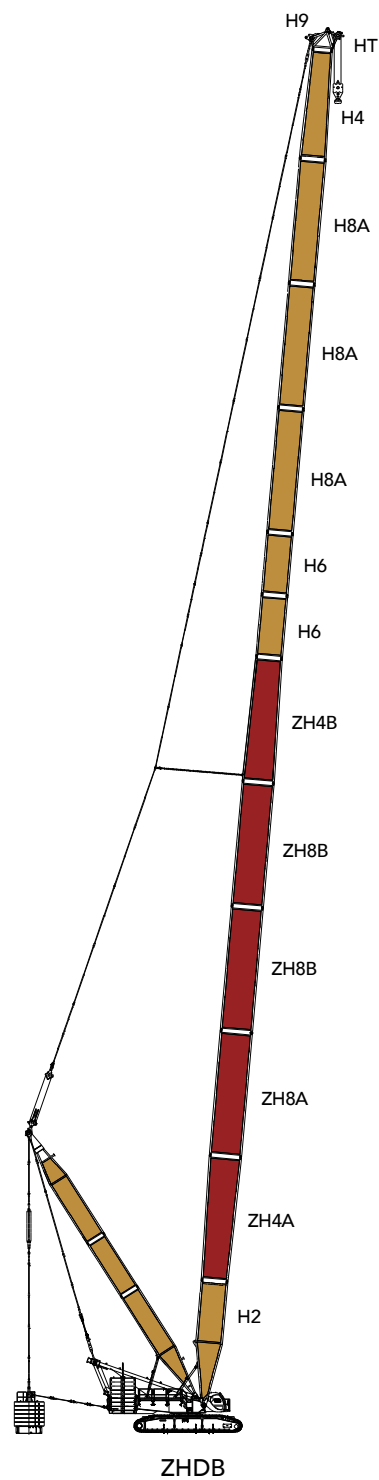
1. Meet ISO 4305 standard.
2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZH (Boom 48~84m, Rear counterweight 200t, carbody counterweight 50t)								
Radius (m)	48	54	60	66	72	78	84	Radius (m)
8	389	370						8
9	338	323	309	296				9
10	298	286	274	263	253	244		10
11	265	256	246	237	228	220	212	11
12	239	231	223	215	207	201	193	12
14	199	193	187	181	175	169	164	14
16	170	165	160	155	150	146	141	16
18	146	143	139	135	131	127	123	18
20	125	125	122	119	115	112	108	20
22	109	109	108	106	103	100	96.8	22
24	96.8	96.3	95.2	94.6	92.4	89.9	86.7	24
26	86.3	85.8	84.7	84.1	82.9	81.1	78.2	26
28	77.6	77.0	75.9	75.3	74.0	73.3	70.8	28
30	70.1	69.6	68.5	67.8	66.5	65.8	64.3	30
32	63.8	63.2	62.1	61.4	60.1	59.4	58.0	32
34	58.2	57.7	56.5	55.9	54.6	53.8	52.4	34
36	53.4	52.8	51.7	51.0	49.7	48.9	47.5	36
38	49.1	48.6	47.4	46.7	45.4	44.6	43.2	38
40	45.2	44.7	43.6	42.9	41.5	40.8	39.4	40
44	38.6	38.2	37.0	36.3	35.0	34.2	32.8	44
48		32.8	31.7	31.0	29.6	28.9	27.4	48
52			27.1	26.5	25.2	24.4	22.9	52
56				22.7	21.3	20.6	19.1	56
60					18.0	17.3	15.8	60
64					15.2	14.4	13.0	64
68						11.9	10.5	68
72							8.2	72

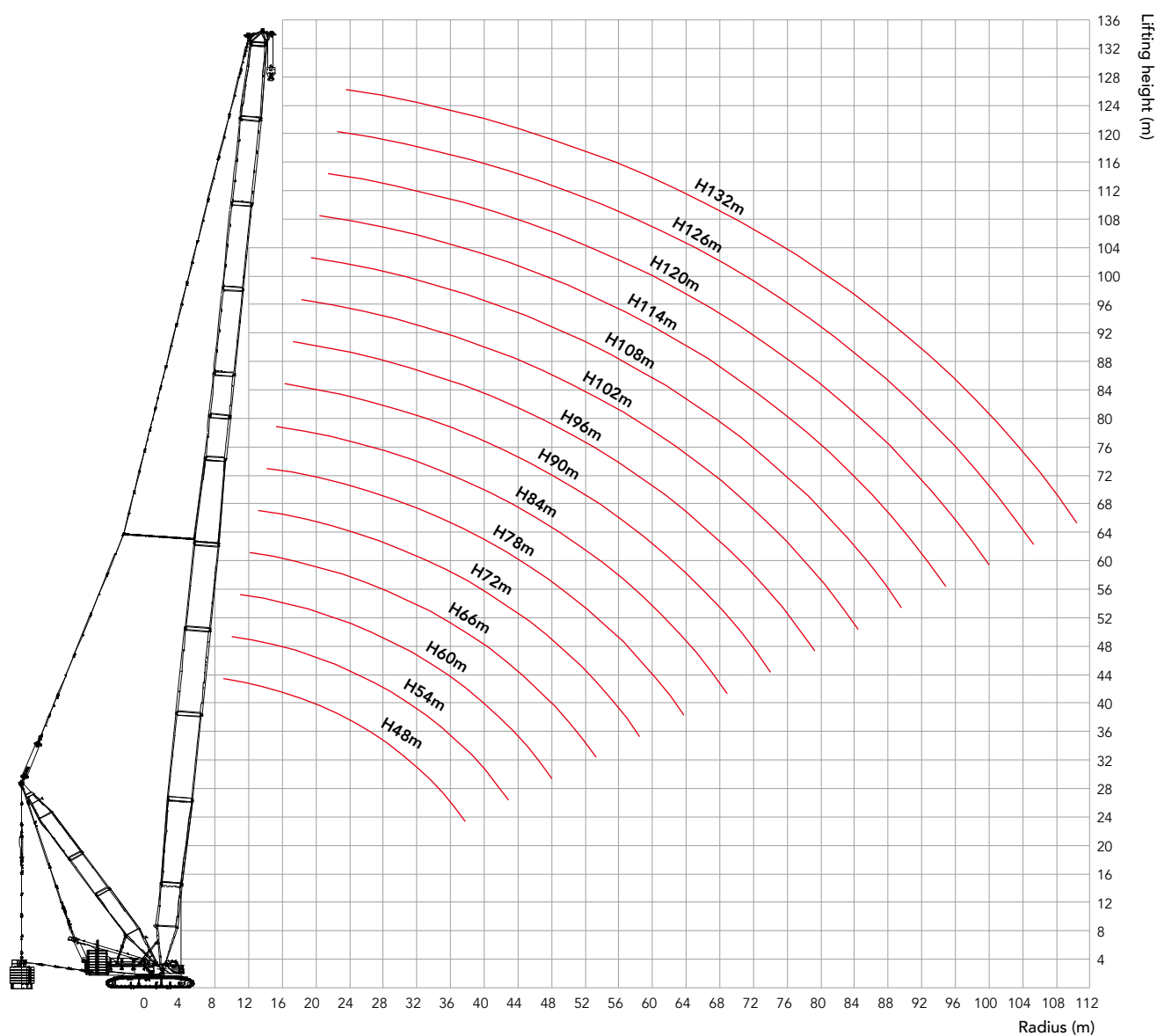
Boom Combination in ZHDB

Boom Combination in ZHDB						
Boom length (m)	Boom insert		Power boom			
	6m/ (H6)	12mA/ (H8A)	12m / (ZH4A)	12m / (ZH8A)	12m / (ZH8B)	12m / (ZH4B)
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	1	2	1
96*	2	-	1	1	2	1
102*	1	1	1	1	2	1
108*	2	1	1	1	2	1
114*	1	2	1	1	2	1
120*	2	2	1	1	2	1
126*	1	3	1	1	2	1
132*	2	3	1	1	2	1

* : waist rope must be used in 90m-132m working condition of the boom, otherwise the boom may break.



Working Radius in ZHDB



Unit: t

Load Chart of ZHDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZHDB (Boom 48~132m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 160t, carbody counterweight 50t)																
Radius (m)	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	Radius (m)
8	500*	452*														8
9	500*	452*	425*	370*												9
10	466	452*	425*	370*	342*	314*										10
11	467	452	425	370*	342*	314*	287*	258*								11
12	467	461	425	370	342*	314*	287*	258*	230*							12
14	443	437	425	370	342	314	287*	258*	251*	220*	193*	169*	149*			14
16	383	382	381	370	342	314	287	258	253	221*	193*	169*	149*	131*	116*	16
18	336	336	335	329	318	306	287	258	253	222	193*	170*	149*	131*	115*	18
20	300	300	298	295	286	275	266	257	250	221	193	170*	149*	131*	114*	20
22	270	270	269	268	259	250	241	234	227	221	193	169	149*	131*	113*	22
24	245	245	244	245	237	229	221	214	208	202	193	170	149	130*	112*	24
26	224	224	223	224	223	211	204	198	192	187	181	170	149	129*	111*	26
28	207	206	205	206	205	195	189	183	178	173	168	164	148	127	110*	28
30	191	191	190	191	189	187	176	171	166	162	157	153	146	126	108	30
32	178	177	176	177	176	174	172	160	156	151	147	143	139	125	107	32
34	166	165	164	165	164	162	160	157	147	142	138	134	130	123	106	34
36	155	155	154	155	153	151	150	149	144	134	130	127	123	118	104	36
38	146	145	144	145	144	142	140	139	139	132	123	120	116	113	101	38
40	137	137	136	137	135	133	132	131	131	125	122	113	110	107	98.2	40
44	123	122	121	122	121	119	117	116	116	115	114	107	99.8	97.0	91.8	44
48		110	109	110	109	106	105	104	104	103	102	101	95.1	92.6	85.4	48
52			99.2	100	98.8	96.6	95.2	94.4	93.9	93.1	92.1	91.5	90.6	84.6	80.0	52
56				91.2	90.0	87.8	86.4	85.6	85.1	84.2	83.3	82.7	81.8	81.1	75.8	56
60					82.3	80.1	78.7	77.9	77.4	76.6	75.7	75.1	74.1	73.5	71.2	60
64					75.5	73.4	72.0	71.2	70.8	69.9	69.0	68.4	67.4	66.8	65.8	64
68						67.4	66.1	65.3	64.8	64.0	63.1	62.5	61.5	60.9	59.9	68
72							60.8	60.0	59.6	58.7	57.8	57.3	56.3	55.7	54.6	72
76								55.3	54.8	54.0	53.1	52.6	51.6	51.0	50.0	76
80								51.0	50.6	49.8	48.9	48.3	47.4	46.7	45.7	80
84									46.7	45.9	45.0	44.5	43.5	42.9	41.9	84
88										42.4	41.5	41.0	40.0	39.4	38.4	88
92											38.3	37.8	36.8	36.2	35.2	92
96												34.8	33.9	33.3	32.3	96
100													32.1	31.2	29.6	100
104														28.7	27.1	104
108															25.7	108
112																112
116																116

Boom Combination in ZLJ/ZLJDB

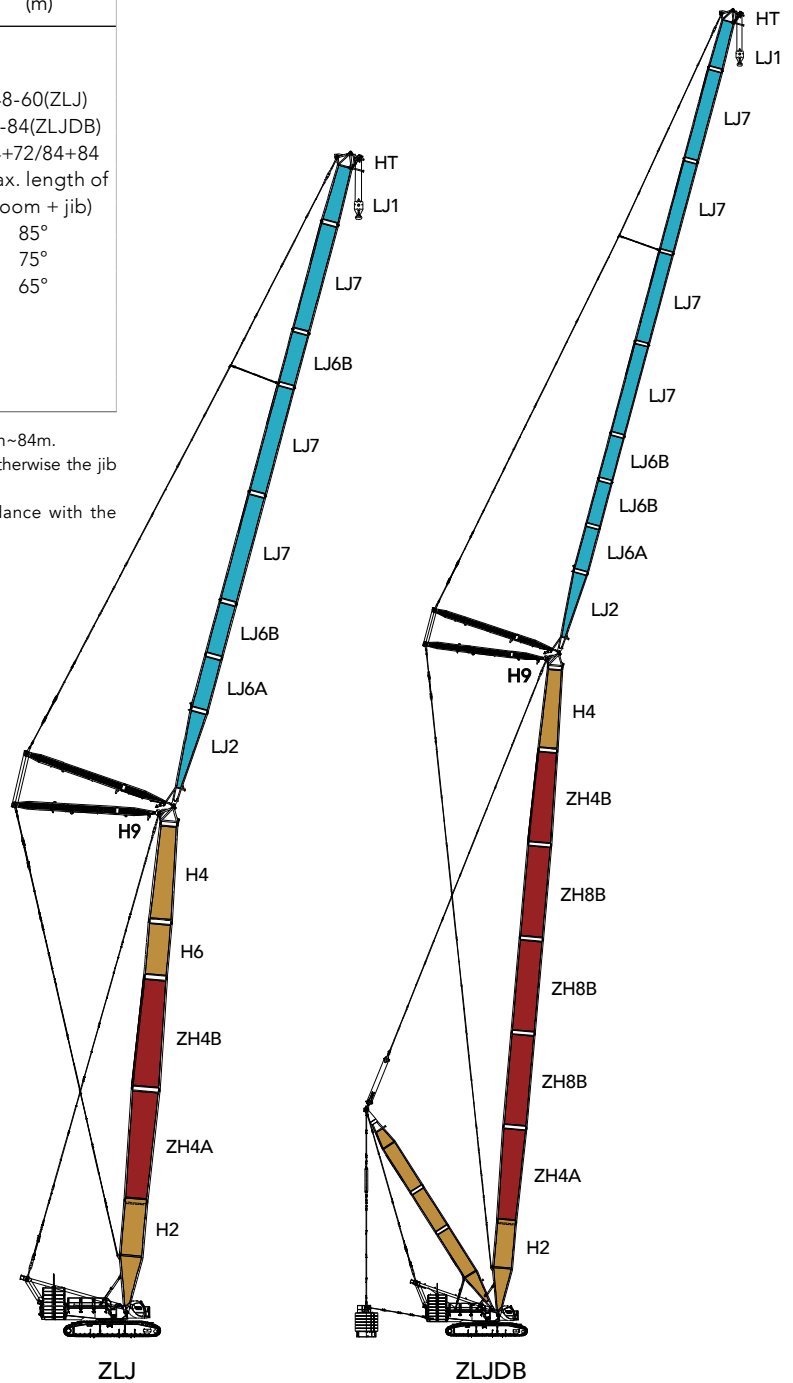
Boom Combination in ZLJ/ZLJDB

Jib length (m)	Jib insert			Boom length (m)
	6mA/ LJ6A	6mB/LJ6B	12m/LJ67	
24	1	-	-	48-60(ZLJ) 48-84(ZLJDB) 54+72/84+84 (Max. length of boom + jib) 85° 75° 65°
30	1	1	-	
36	1	2	-	
42	1	1	1	
48	1	2	1	
54	1	1	2	
60	1	2	2	
66*	1	1	3	
72*	1	2	3	
78*	1	1	4	
84*	1	2	4	

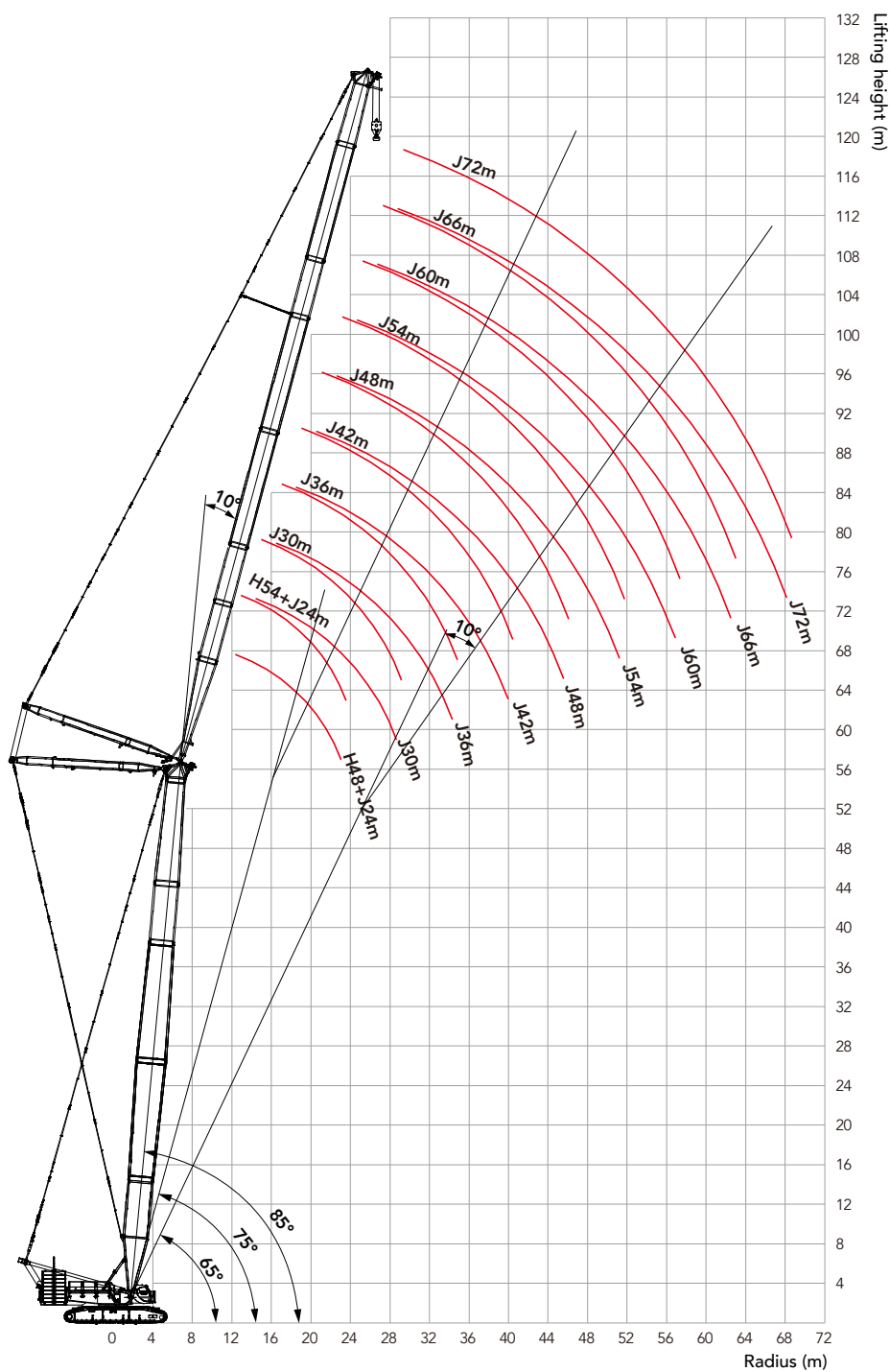
ZLJ conguration jib length: 24m~72m, ZLJDB conguration jib length: 24m~84m.

* : waist rope must be used in 66m-84m working condition of the jib, otherwise the jib may break.

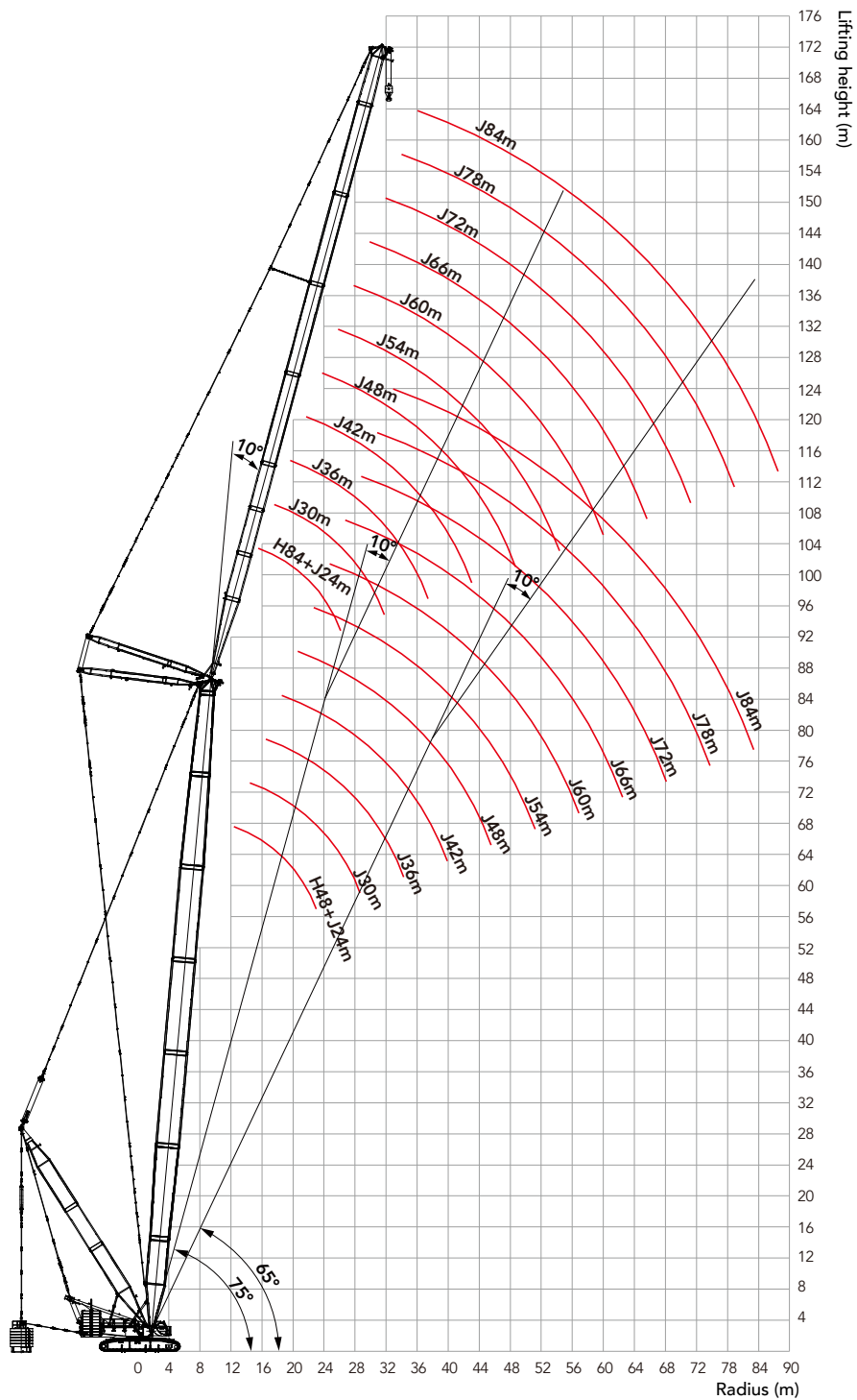
Attention: The lifting operation must be carried out in strict accordance with the instructions in LJ construction, otherwise the crane may tip over.



Working Radius in ZLJ



Working Radius in ZLJDB



Unit: t

Load Chart of ZLJ

Notes:

1. Meet ISO 4305 standard.

2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZLJ (Boom angle 85°, jib 24~72m, Rear counterweight 200t, carbody counterweight 50t) 1/3

Boom 48m										
Radius (m)	24	30	36	42	48	54	60	66	72	Radius (m)
14	190									14
16	166	161								16
18	147	143	139							18
20	132	129	125	122	119					20
22	120	117	114	111	109	106				22
24	109	107	104	102	99.8	97.6	93.0			24
26	100	98.7	96.3	94.1	91.9	89.9	87.7	79.7		26
28	91.3	91.3	89.2	87.2	85.1	83.2	81.2	79.0	66.7	28
30		83.6	83.0	81.1	79.1	77.4	75.5	73.8	66.4	30
32		77.0	76.7	75.7	73.9	72.3	70.5	68.8	65.7	32
34		71.2	71.0	70.6	69.2	67.7	66.0	64.4	62.8	34
36			65.9	65.6	65.0	63.6	62.0	60.5	58.9	36
38			61.5	61.2	60.6	59.9	58.4	56.9	55.4	38
40			57.4	57.2	56.7	56.2	55.1	53.7	52.2	40
44				50.4	50.0	49.6	48.9	48.1	46.7	44
48					44.5	44.1	43.5	42.9	42.0	48
52					39.7	39.5	38.9	38.3	37.6	52
56						35.5	35.0	34.5	33.8	56
60							31.6	31.1	30.4	60
64							28.6	28.2	27.5	64
68								25.6	25.0	68
72									22.7	72
76									20.6	76

Load Chart of ZLJ

Notes:

1. Meet ISO 4305 standard.
2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZLJ (Boom angle 85°, jib 24~72m, Rear counterweight 200t, carbody counterweight 50t) 2/3

Boom 54m										
Radius (m)	24	30	36	42	48	54	60	66	72	Radius (m)
16	160	156								16
18	143	139	135							18
20	128	125	122	119						20
22	116	114	111	108	106	102				22
24	107	104	101	99.6	97.1	95.0	85.6			24
26	98.6	96.2	93.9	91.8	89.5	87.6	84.8	73.6		26
28	91.0	89.2	87.0	85.0	83.0	81.1	79.1	73.0	62.1	28
30	83.1	83.0	81.0	79.1	77.2	75.5	73.6	70.7	61.8	30
32		76.7	75.7	74.0	72.1	70.5	68.7	67.1	60.5	32
34		70.9	70.7	69.3	67.6	66.1	64.4	62.8	58.8	34
36		65.7	65.7	65.2	63.6	62.1	60.5	59.0	56.8	36
38			61.2	60.9	59.9	58.5	57.0	55.6	54.0	38
40			57.2	56.9	56.4	55.3	53.8	52.4	50.9	40
44				50.2	49.7	49.3	48.2	47.0	45.6	44
48					44.2	43.8	43.2	42.3	41.0	48
52					39.5	39.3	38.6	38.1	37.1	52
56						35.3	34.8	34.2	33.5	56
60							31.4	30.9	30.2	60
64							28.4	28.0	27.3	64
68								25.4	24.8	68
72									22.5	72
76									20.3	76

Unit: t

Load Chart of ZLJ

Notes:

1. Meet ISO 4305 standard.

2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZLJ (Boom angle 85°, jib 24~60m, Rear counterweight 200t, carbody counterweight 50t) 3/3

Boom 60m								
Radius (m)	24	30	36	42	48	54	60	Radius (m)
16	155							16
18	138	135	131					18
20	124	121	118	115				20
22	113	110	108	105	102			22
24	104	101	99.0	96.7	94.3	92.2		24
26	95.9	93.6	91.3	89.2	87.0	85.0	82.9	26
28	88.9	86.8	84.6	82.7	80.7	78.9	76.8	28
30	82.7	80.8	78.8	77.0	75.1	73.4	71.5	30
32		75.6	73.7	72.0	70.2	68.6	66.8	32
34		70.5	69.1	67.5	65.8	64.3	62.6	34
36		65.3	65.1	63.5	61.9	60.5	58.8	36
38			60.8	59.9	58.4	57.0	55.4	38
40			56.8	56.6	55.1	53.9	52.3	40
44				49.9	49.4	48.4	46.9	44
48				44.2	43.9	43.5	42.4	48
52					39.2	38.9	38.3	52
56						35.0	34.5	56
60							31.1	60
64							28.2	64

Load Chart of ZLJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZLJDB (Boom angle 85°, jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 160t, carbody counterweight 50t) 1/7

Boom 48m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
14	224*											14
15	223*											15
16	221*	193*										16
17	218*	192*	173*									17
18	216*	190*	173*									18
19	209*	190*	173*	146*								19
20	202*	189*	173*	146*	132*							20
22	192*	189*	174*	144*	130*	114*						22
24	179*	176*	174*	142*	130*	114*	94.4*					24
26	169	162*	161*	140*	128*	113*	94.0*	81.1*				26
28	159*	153*	149*	139*	127*	113*	93.6*	80.9*	67.8*	57.7*		28
30		144*	138*	137*	127*	112*	93.2*	80.6*	67.5*	57.5*	48.5*	30
32		133*	130*	129*	126*	112*	92.7*	80.3*	67.2*	57.2*	48.3*	32
34		123*	122*	120*	120*	108*	92.2*	80.0*	66.9*	56.9*	48.0*	34
36			115*	114*	112*	104*	90.7*	79.7*	66.6*	56.6*	47.7*	36
38			108*	108*	106*	99.7*	86.6*	79.3*	66.2*	56.3*	47.4*	38
40			99.5*	102*	101*	94.8*	82.6*	78.9*	65.9*	56.0*	47.1*	40
44				87.6*	91.3*	86.2*	75.1*	78.1*	64.8*	55.4*	46.5*	44
48					80.3*	78.9*	68.2*	77.3*	60.2*	54.7*	45.9*	48
52					70.5	72.2	61.9*	72.3	55.8*	54.1*	45.3*	52
56						66.5	56.3*	66.5	51.7*	53.5*	43.5*	56
60							51.6*	61.3	47.7*	52.9*	40.0*	60
64							47.5*	54.2	44.5*	50.9	36.7*	64
68								50.1	40.7*	47.3	33.5*	68
72									37.8*	43.9	30.3*	72
76									35.5*	40.8	27.7*	76
80										37.6	24.8*	80
84											23.0*	84

Unit: t

Load Chart of ZLJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZLJDB (Boom angle 85°, jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 160t, carbody counterweight 50t) 2/7												
Boom 54m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
15	204*											15
16	204*	188*										16
17	202*	187*										17
18	201*	187*	168*									18
19	198*	186*	168*	142*								19
20	195*	186*	168*	142*								20
22	189*	185*	169*	141*	127*	105*						22
24	174*	172*	169*	139*	126*	105*	87.8*					24
26	162*	158*	157*	137*	125*	105*	87.6*	75.5*				26
28	150*	146*	145*	135*	124*	105*	87.4*	75.4*	63.4*			28
30	137*	136*	135*	134*	124*	104*	87.1*	75.3*	63.3*	54.0*	45.6*	30
32		127*	126*	125*	123*	104*	86.7*	75.1*	63.1*	53.8*	45.4*	32
34		120*	118*	118*	117*	103*	86.3*	74.9*	62.8*	53.6*	45.2*	34
36		112*	111*	111*	109*	103*	85.8*	74.6*	62.6*	53.4*	45.0*	36
38			105*	105*	103*	98.8*	85.4*	74.3*	62.4*	53.2*	44.8*	38
40			100*	99.5*	98.3*	94.8*	82.6*	74.0*	62.1*	52.9*	44.6*	40
44				89.9*	88.7*	86.8*	75.1*	73.4*	61.6*	52.4*	44.1*	44
48					80.7*	78.9*	68.7*	71.5*	60.0*	51.9*	43.6*	48
52					73.1*	72.1*	62.3*	66.1*	55.8*	51.4*	43.1*	52
56						64.3	57.0*	60.3	51.6*	50.8*	42.6*	56
60							51.9*	55.2	47.8*	49.5*	40.0*	60
64							48.1*	50.0*	44.2*	46.3*	36.5*	64
68								45.3*	41.2*	42.7*	33.4*	68
72									38.5*	39.7*	30.4*	72
76									35.7*	36.3*	27.9*	76
80										33.6*	25.5*	80
84											22.9*	84
88											21.2*	88

Load Chart of ZLJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZLJDB (Boom angle 85°, jib 24~84m, Superlift radius 15m,
Superlift counterweight 250t, Rear counterweight 160t, carbody counterweight 50t) 3/7

Boom 60m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
15	203*											15
16	203*											16
17	200*	185*										17
18	198*	185*	168*									18
19	197*	184*	167*									19
20	196*	184*	167*	142*								20
22	179*	177*	167*	141*	126*							22
24	163*	162*	161*	139*	126*	104*						24
26	150*	149*	147*	137*	125*	104*	87.2*	75.2*				26
28	139*	137*	136*	135*	124*	104*	87.0*	75.1*	63.2*			28
30	129*	128*	127*	126*	123*	104*	86.7*	75.0*	63.0*	53.8*		30
32		120*	119*	118*	116*	103*	86.4*	74.8*	62.9*	53.7*	45.3*	32
34		112*	111*	111*	109*	103*	86.0*	74.6*	62.7*	53.5*	45.2*	34
36		106*	105*	103*	103*	102*	85.5*	74.4*	62.5*	53.3*	45.0*	36
38			99.5*	98.5*	97.1*	96.0*	85.1*	74.1*	62.2*	53.1*	44.7*	38
40			93.7*	93.1*	92.2*	90.9*	83.2*	73.8*	61.9*	52.9*	44.5*	40
44				84.0*	83.1*	81.8*	75.7*	73.1*	61.5*	52.4*	44.1*	44
48				76.4*	75.2*	74.0*	69.3*	70.9*	60.6*	51.8*	43.6*	48
52					69.2*	67.8*	62.9*	65.0*	56.0*	51.3*	43.0*	52
56						62.2*	57.6*	59.2*	52.1*	50.8*	42.5*	56
60							52.5*	53.7*	48.3*	48.9*	40.4*	60
64							48.2*	48.9*	44.7*	45.2*	36.9*	64
68								44.3*	41.7*	41.8*	33.8*	68
72									38.3*	38.5*	30.8*	72
76									35.9*	35.3*	28.3*	76
80										32.4*	25.5*	80
84											23.3*	84
88											21.1*	88

Unit: t

Load Chart of ZLJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZLJDB (Boom angle 85°, jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 160t, carbody counterweight 50t) 4/7												
Boom 66m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
16	199*											16
17	197*	180*										17
18	195*	180*										18
19	194*	180*	161*									19
20	192*	180*	161*	138*								20
22	175*	174*	162*	137*	115*							22
24	160*	158*	157*	135*	115*	96.3*						24
26	147*	145*	145*	133*	114*	96.3*	80.7*					26
28	136*	135*	134*	132*	114*	96.1*	80.5*	69.5*	58.9*			28
30	127*	126*	125*	123*	113*	95.8*	80.3*	69.5*	58.8*	50.2*		30
32		117*	116*	115*	113*	95.4*	80.1*	69.4*	58.7*	50.1*	42.5*	32
34		110*	108*	108*	106*	94.9*	79.7*	69.2*	58.6*	50.0*	42.4*	34
36		103*	102*	102*	101*	94.3*	79.3*	69.0*	58.4*	49.9*	42.2*	36
38			96.7*	96.4*	95.1*	93.7*	78.9*	68.8*	58.2*	49.7*	42.1*	38
40			92.3*	90.7*	89.3*	88.5*	78.4*	68.5*	58.0*	49.5*	41.9*	40
44				82.2*	80.8*	80.0*	75.8*	67.9*	57.5*	49.1*	41.5*	44
48				74.6*	73.5*	72.6*	69.2*	64.7*	57.0*	48.7*	41.1*	48
52					65.9*	64.4*	62.4*	59.4*	55.5*	48.2*	40.7*	52
56						57.3*	56.1*	54.0*	51.2*	47.7*	40.2*	56
60						51.4*	50.6*	49.1*	47.0*	45.0*	39.6*	60
64							45.4*	44.6*	42.9*	41.5*	36.6*	64
68								40.2*	39.2*	38.0*	33.7*	68
72									35.7*	34.9*	31.2*	72
76									32.6*	32.0*	28.4*	76
80										29.4*	25.8*	80
84											23.2*	84
88											21.6*	88

Load Chart of ZLJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZLJDB (Boom angle 85°, jib 24~84m, Superlift radius 15m,
Superlift counterweight 250t, Rear counterweight 160t, carbody counterweight 50t) 5/7

Boom 72m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
16	198*											16
17	196*											17
18	195*	179*										18
19	191*	178*	159*									19
20	188*	177*	159*									20
22	169*	169*	159*	135*	113*							22
24	155*	154*	153*	134*	113*	95.1*						24
26	142*	141*	140*	133*	112*	95.0*	79.8*					26
28	132*	131*	129*	129*	112*	94.8*	79.7*	69.0*				28
30	122*	121*	120*	119*	111*	94.5*	79.5*	69.0*	58.4*	49.9*		30
32		113*	112*	112*	110*	94.0*	79.2*	68.9*	58.3*	49.8*	42.2*	32
34		107*	105*	104*	103*	93.5*	78.9*	68.7*	58.2*	49.7*	42.1*	34
36		100*	99.1*	98.2*	97.5*	92.8*	78.5*	68.5*	58.0*	49.5*	42.0*	36
38			93.7*	93.1*	91.7*	90.7*	78.0*	68.3*	57.8*	49.4*	41.8*	38
40			88.6*	87.3*	86.4*	85.4*	77.5*	68.0*	57.6*	49.2*	41.7*	40
44				78.9*	77.8*	76.9*	74.3*	67.3*	57.1*	48.8*	41.3*	44
48				72.1*	70.5*	70.0*	67.8*	63.7*	56.5*	48.4*	40.9*	48
52					64.6*	63.2*	61.3*	58.2*	54.7*	47.9*	40.5*	52
56						56.6*	54.8*	53.1*	50.4*	47.4*	40.0*	56
60						50.3*	49.5*	48.2*	46.2*	44.1*	39.6*	60
64							44.4*	43.7*	42.1*	40.5*	36.8*	64
68								39.3*	38.4*	37.4*	33.8*	68
72								35.8*	35.1*	34.3*	31.0*	72
76									32.0*	31.3*	28.6*	76
80										28.7*	25.9*	80
84										26.2*	23.8*	84
88											21.7*	88

Unit: t

Load Chart of ZLJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZLJDB (Boom angle 85°, jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 160t, carbody counterweight 50t) 6/7												
Boom 78m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
17	189*											17
18	189*	170*										18
19	187*	169*										19
20	185*	168*	143*									20
22	166*	166*	142*	121*								22
24	152*	151*	140*	120*	102*							24
26	140*	139*	138*	119*	102*	86.5*	73.4*					26
28	130*	128*	127*	118*	101*	86.3*	73.3*	63.5*				28
30	120*	119*	118*	117*	100*	86.0*	73.1*	63.5*	53.9*			30
32	113*	111*	110*	109*	99.8*	85.5*	72.9*	63.4*	53.9*	46.1*	39.2*	32
34		104*	103*	102*	98.7*	84.9*	72.5*	63.2*	53.8*	46.0*	39.1*	34
36		99.0*	97.5*	96.2*	95.0*	84.3*	72.1*	63.0*	53.6*	45.9*	39.0*	36
38		93.0*	91.9*	90.8*	89.5*	83.5*	71.7*	62.8*	53.4*	45.8*	38.9*	38
40			87.1*	86.1*	85.1*	81.0*	71.2*	62.5*	53.2*	45.6*	38.8*	40
44			78.6*	77.6*	76.5*	73.0*	68.9*	61.8*	52.7*	45.3*	38.5*	44
48				69.2*	67.6*	65.6*	62.4*	58.7*	52.2*	45.0*	38.1*	48
52					59.8*	58.1*	56.4*	53.8*	50.7*	44.5*	37.7*	52
56						52.1*	50.9*	49.1*	46.4*	44.0*	37.3*	56
60						46.4*	45.5*	44.4*	42.5*	40.7*	36.9*	60
64							40.8*	40.2*	38.7*	37.6*	35.3*	64
68								36.1*	35.2*	34.3*	32.7*	68
72								32.9*	32.1*	31.4*	30.2*	72
76									29.1*	28.6*	27.8*	76
80										26.3*	25.4*	80
84										23.9*	23.3*	84
88											21.5*	88

Load Chart of ZLJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - ZLJDB (Boom angle 85°, jib 24~84m, Superlift radius 15m,
Superlift counterweight 250t, Rear counterweight 160t, carbody counterweight 50t) 7/7

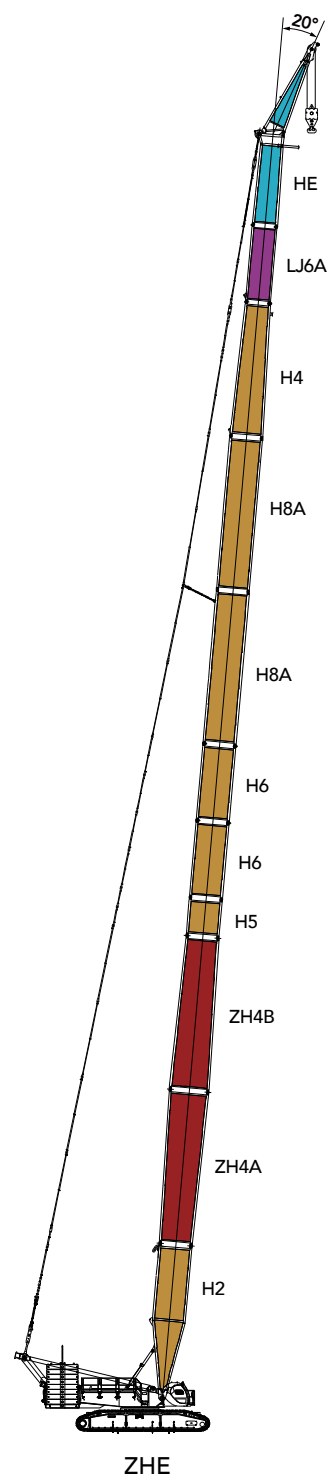
Boom 84m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
17	188*											17
18	188*											18
19	184*	160*										19
20	180*	160*	137*									20
22	163*	157*	136*	117*								22
24	149*	148*	134*	116*	99.3*							24
26	136*	135*	132*	115*	98.9*	84.7*						26
28	126*	124*	124*	113*	98.3*	84.4*	71.9*	62.4*				28
30	117*	116*	115*	112*	97.4*	84.0*	71.7*	62.3*	53.1*			30
32	109*	108*	106*	106*	96.4*	83.5*	71.4*	62.2*	53.0*	45.6*		32
34		101*	100*	99.4*	95.2*	82.8*	71.0*	62.0*	52.9*	45.5*	38.6*	34
36		95.7*	94.4*	93.3*	92.4*	82.0*	70.5*	61.8*	52.7*	45.4*	38.5*	36
38		90.5*	89.4*	88.5*	86.9*	81.2*	70.0*	61.5*	52.6*	45.3*	38.4*	38
40			84.7*	83.2*	82.5*	79.0*	69.4*	61.2*	52.3*	45.1*	38.3*	40
44			76.2*	75.3*	74.0*	70.9*	67.1*	60.3*	51.8*	44.7*	38.0*	44
48				68.0*	66.2*	63.9*	60.9*	57.8*	51.1*	44.3*	37.6*	48
52					58.8*	57.1*	55.2*	52.6*	49.6*	43.7*	37.2*	52
56					52.1*	51.1*	49.6*	47.8*	45.7*	43.0*	36.7*	56
60						45.8*	44.7*	43.4*	41.7*	39.8*	36.3*	60
64							40.2*	39.5*	38.1*	36.7*	34.4*	64
68								35.5*	34.5*	33.4*	32.0*	68
72								32.2*	31.4*	30.7*	29.4*	72
76									28.6*	28.1*	27.1*	76
80										25.5*	24.9*	80
84										23.6*	22.8*	84
88											20.9*	88

Boom Combination in ZHE

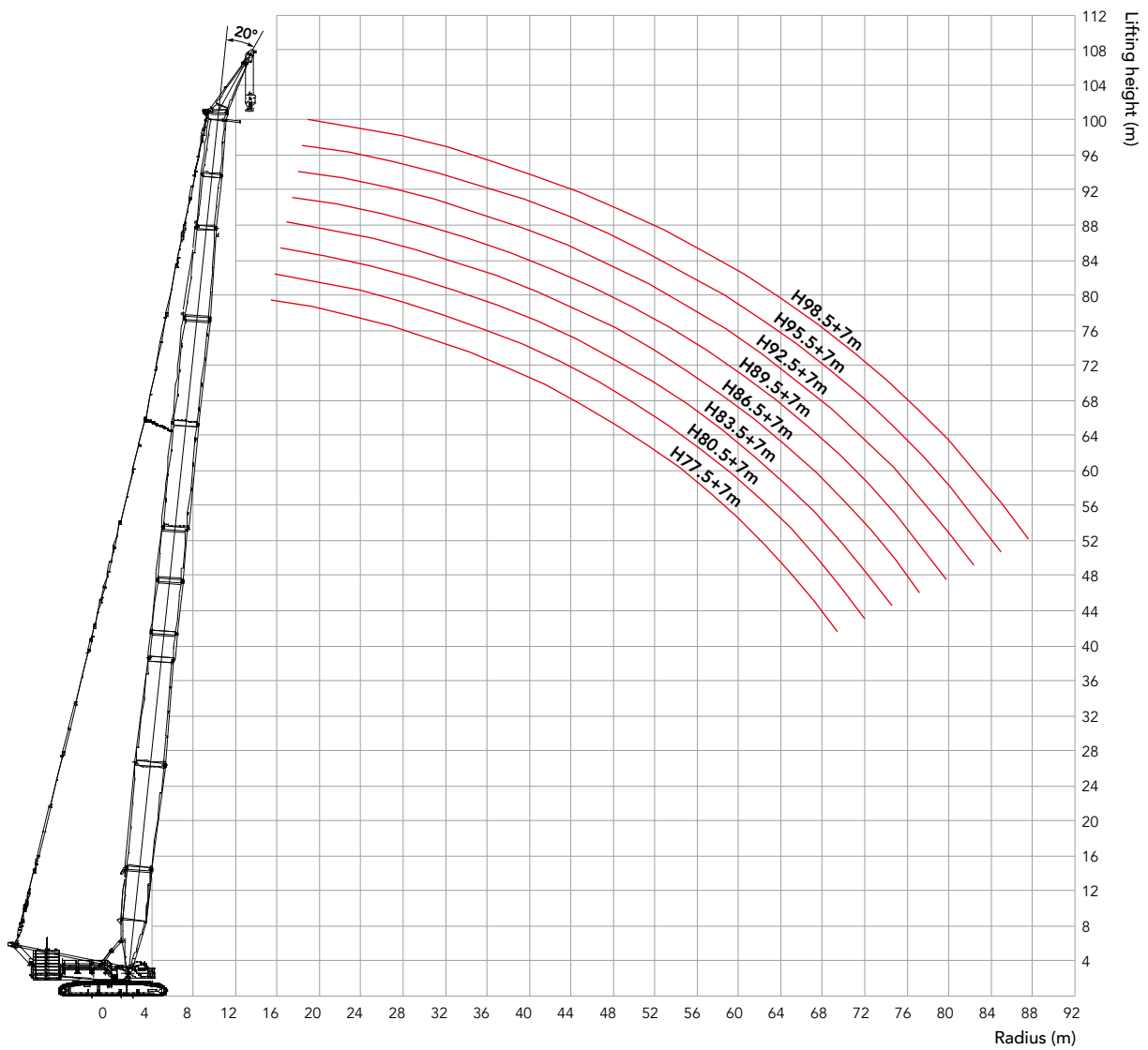
Boom Combination in ZHE					
Boom length (m)	Boom insert			Power boom	
	3m/ (H5)	6m/ (H6)	12mA/ (H8A)	12m / (ZH4A)	12m/ (ZH4B)
77.5+7*	-	1	1	1	1
80.5+7*	1	1	1	1	1
83.5+7*	-	2	1	1	1
86.5+7*	1	2	1	1	1
89.5+7*	-	1	2	1	1
92.5+7*	1	1	2	1	1
95.5+7*	-	2	2	1	1
98.5+7*	1	2	2	1	1

* : waist rope must be used, otherwise the jib may break. The waist rope must be used in strict accordance with the instructions.

Attention: the crane must boom up from side by side erection outrigger, otherwise the crane may tip over.



Working Radius in ZHE



Unit: t

Load Chart of ZHE

Notes:

1. Meet ISO 4305 standard.

2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

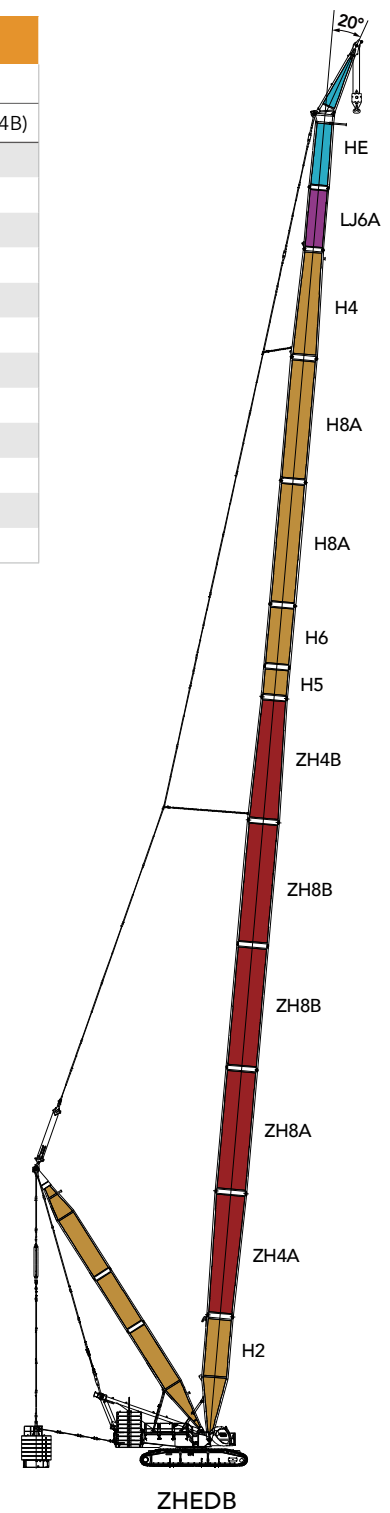
Load chart - ZHE (Boom (77.5~98.5m) + 7m, Rear counterweight 200t, carbody counterweight 50t, E-jib 7m)									
Radius (m)	77.5+7	80.5+7	83.5+7	86.5+7	89.5+7	92.5+7	95.5+7	98.5+7	Radius (m)
12	143	143							12
14	139	140	140	140	140	140	137	133	14
16	135	137	138	138	138	136	134	132	16
18	128	127	125	123	122	120	118	116	18
20	114	112	111	109	108	106	105	103	20
22	102	100	99.5	98.0	97.0	95.5	94.3	92.9	22
24	92.1	90.8	89.6	88.3	87.4	86.1	84.9	83.6	24
26	83.5	82.3	81.2	80.0	79.1	77.9	76.9	75.7	26
28	76.1	74.9	73.9	72.8	72.0	70.9	69.9	68.8	28
30	69.3	68.5	67.6	66.5	65.8	64.7	63.8	62.7	30
32	62.8	62.4	62.0	61.0	60.3	59.3	58.4	57.4	32
34	57.2	56.7	56.4	55.9	55.5	54.5	53.6	52.6	34
36	52.3	51.8	51.4	50.9	50.8	50.2	49.4	48.4	36
38	47.9	47.4	47.1	46.5	46.4	45.9	45.5	44.6	38
40	44.0	43.5	43.2	42.6	42.5	42.0	41.6	41.1	40
44	37.5	36.9	36.5	36.0	35.9	35.3	34.9	34.4	44
48	32.0	31.5	31.1	30.6	30.4	29.9	29.5	28.9	48
52	27.5	27.0	26.6	26.0	25.9	25.4	24.9	24.4	52
56	23.7	23.1	22.7	22.2	22.0	21.5	21.1	20.5	56
60	20.4	19.8	19.4	18.9	18.7	18.2	17.8	17.2	60
64	17.5	16.9	16.6	16.0	15.9	15.3	14.9	14.3	64
68	15.0	14.4	14.0	13.5	13.3	12.8	12.4	11.8	68
72	12.7	12.2	11.8	11.2	11.1	10.5	10.1	9.6	72
76	10.7	10.1	9.8	9.2	9.1	8.5	8.1	7.6	76
80			8.0	7.4	7.3	6.7	6.3	5.8	80
84					5.7	5.1	4.7	4.1	84
88						3.6	3.2	2.7	88
92								0.9	92

Boom Combination in ZHEDB

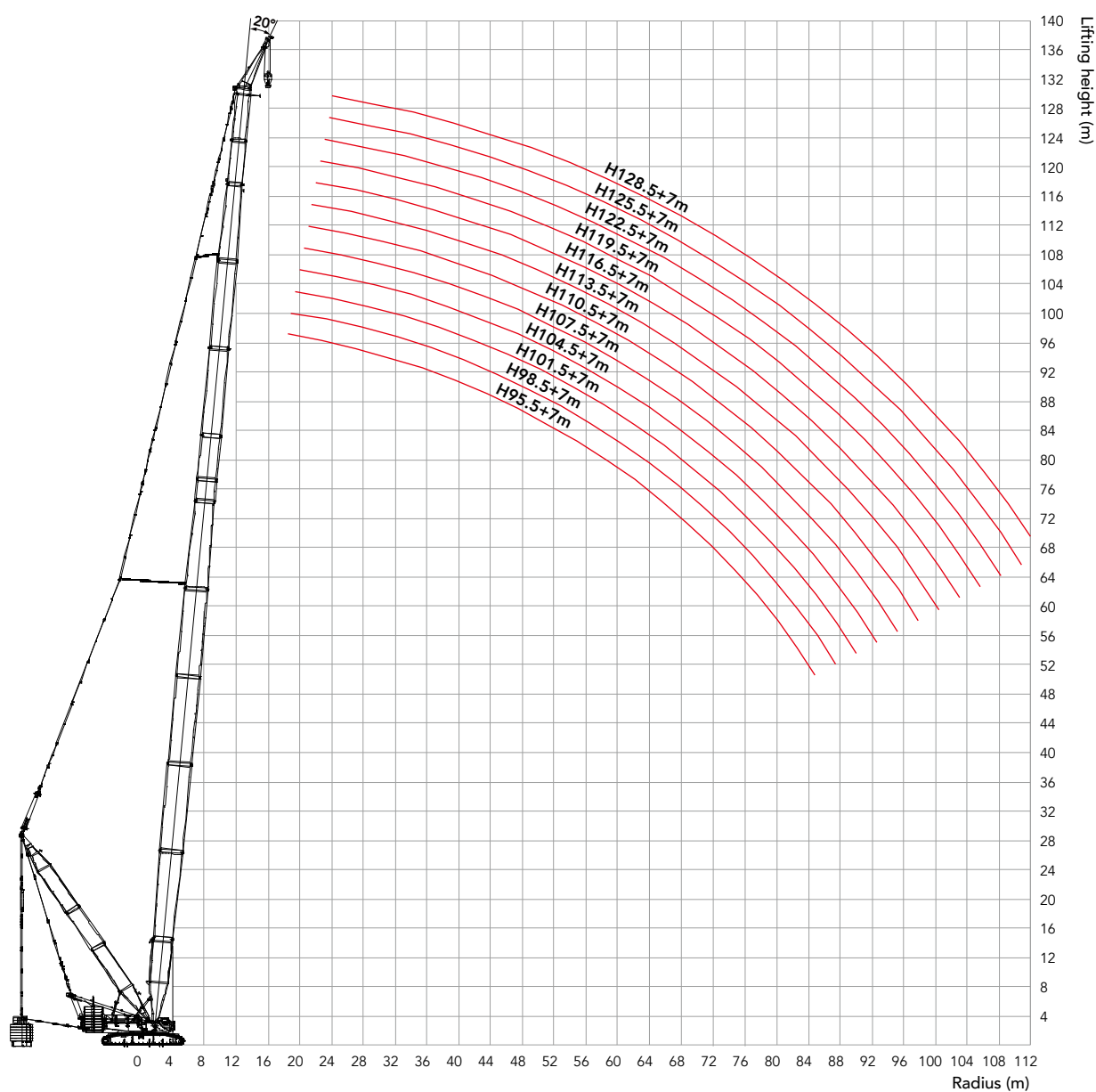
Boom Combination in ZHEDB

Boom length (m)	Boom insert			Power boom			
	3m/(H5)	6m/(H6)	12mA/(H8A)	12m/(ZH4A)	12m/(ZH8A)	12m/(ZH8B)	12m/(ZH4B)
95.5+7m*	-	-	-	1	1	2	1
98.5+7m*	1	-	-	1	1	2	1
101.5+7m*	-	1	-	1	1	2	1
104.5+7m*	1	1	-	1	1	2	1
107.5+7m*	-	2	-	1	1	2	1
110.5+7m*	1	2	-	1	1	2	1
113.5+7m*	-	1	1	1	1	2	1
116.5+7m*	1	1	1	1	1	2	1
119.5+7m*	-	2	1	1	1	2	1
122.5+7m*	1	2	1	1	1	2	1
125.5+7m*	-	1	2	1	1	2	1
128.5+7m*	1	1	2	1	1	2	1

* : waist rope must be used, otherwise the jib may break. The waist rope must be used in strict accordance with the instructions.



Working Radius in ZHEDB



Load Chart of ZHEDB

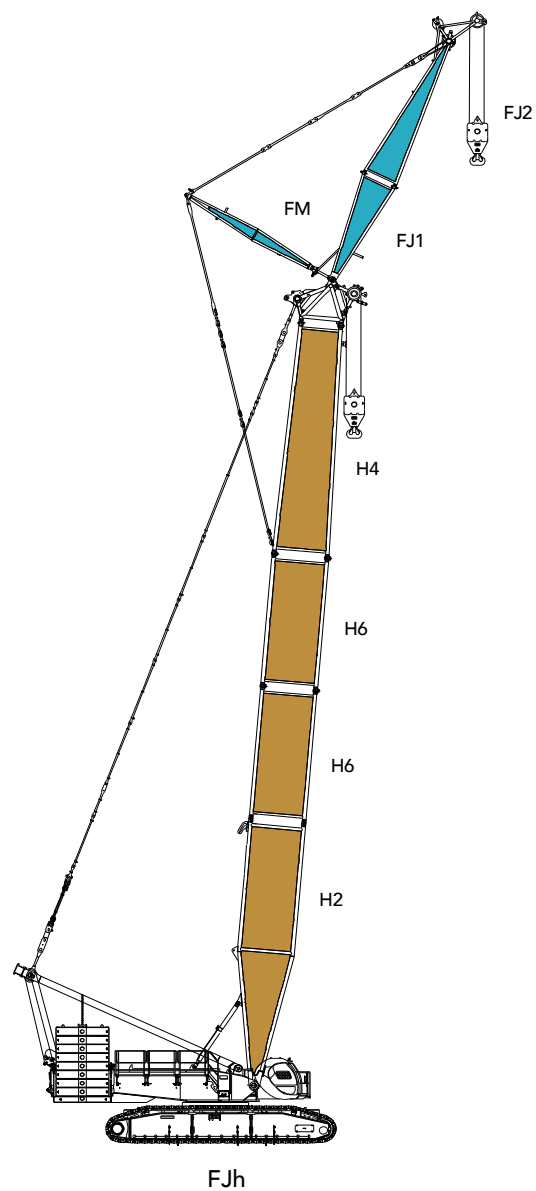
Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

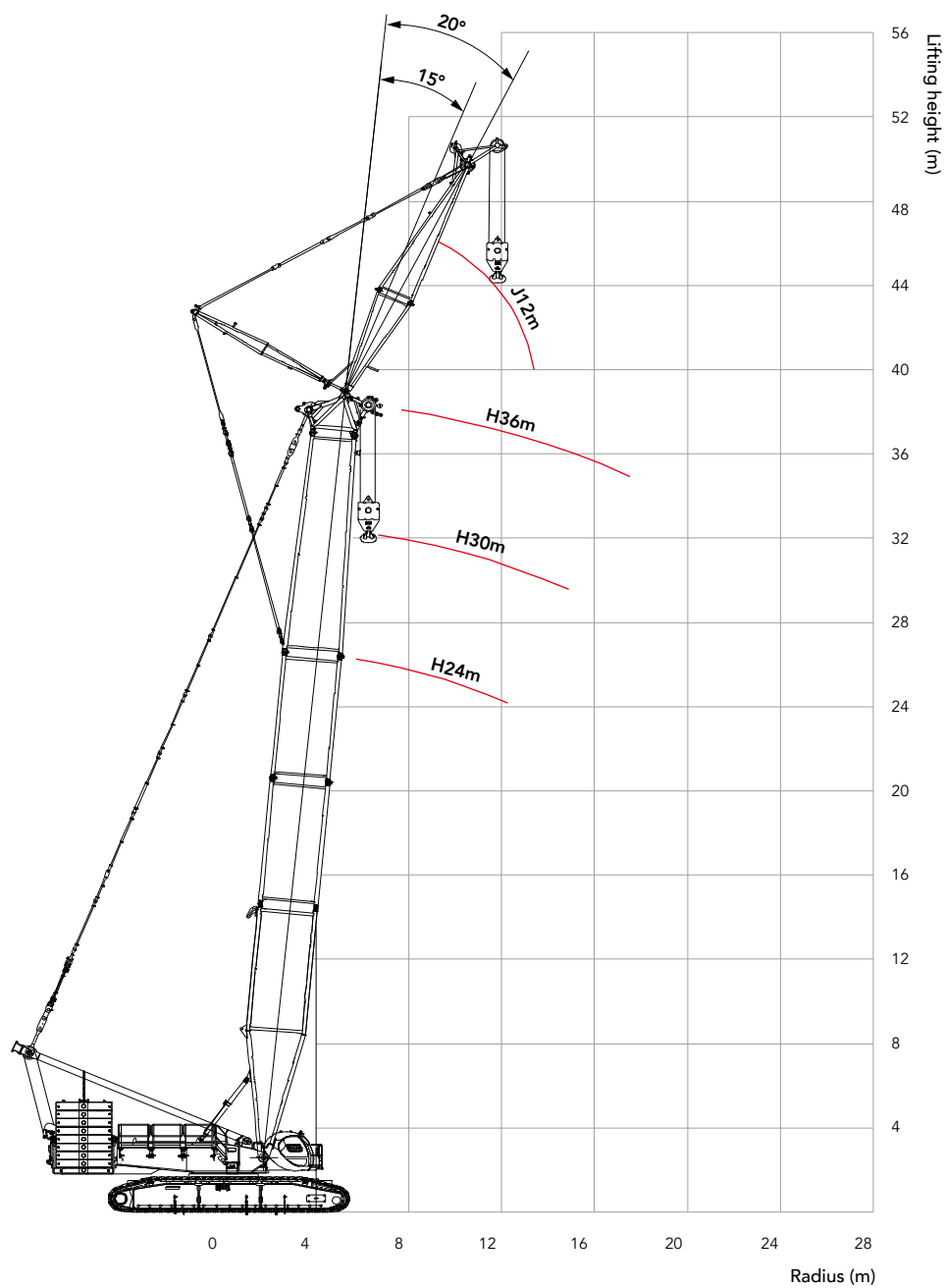
Load chart - ZHEDB (Boom (95.5~128.5m) + 7m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 160t, carbody counterweight 50t, E-jib 7m)													
Radius (m)	95.5+7	98.5+7	101.5+7	104.5+7	107.5+7	110.5+7	113.5+7	116.5+7	119.5+7	122.5+7	125.5+7	128.5+7	Radius (m)
14	147*	145*	144*	141*									14
16	144*	142*	140*	138*	136*	134*	131*	130*	128*	122*	115*	109*	16
18	142*	140*	136*	134*	132*	130*	128*	127*	125*	122*	115*	108*	18
20	139*	136*	134*	131*	129*	127*	125*	123*	121*	120*	115*	109*	20
22	135*	133*	130*	128*	126*	124*	122*	120*	119*	117*	115*	108*	22
24	132*	129*	127*	124*	122*	121*	119*	117*	116*	114*	113*	107*	24
26	129*	126*	124*	121*	120*	118*	116*	115*	113*	112*	110*	106*	26
28	127	123*	121*	119*	117*	115*	113*	111*	110*	109*	107*	105*	28
30	124	120	118	116	114	112	110*	109*	108*	106*	105*	104*	30
32	120	118	115	113	111	110	108	106	105	104	102	101	32
34	118	115	112	110	109	107	105	104	103	101	100	98.3	34
36	115	112	110	108	106	104	103	101	100	99.5	98.1	94.9	36
38	113	110	108	106	104	102	101	99.9	98.4	97.1	95.8	92.1	38
40	111	108	105	103	101	100	98.7	97.4	95.9	95.4	93.5	89.4	40
44	106	104	101	99.6	97.8	96.4	95.0	93.8	92.4	91.3	87.8	84.0	44
48	103	99.9	98.0	95.7	94.0	92.7	91.4	89.6	88.9	87.3	82.8	78.7	48
52	94.9	94.3	93.6	92.6	91.0	89.0	87.8	86.8	85.5	83.4	78.6	74.6	52
56	86.1	85.5	84.8	84.2	83.7	82.9	82.7	81.9	81.4	79.0	74.4	70.7	56
60	78.4	77.8	77.1	76.5	76.0	75.2	75.1	74.3	73.7	72.9	70.6	67.4	60
64	71.7	71.1	70.4	69.8	69.3	68.5	68.4	67.6	67.0	66.2	66.0	64.2	64
68	65.8	65.2	64.5	63.9	63.4	62.6	62.4	61.6	61.1	60.3	60.1	59.3	68
72	60.5	59.9	59.2	58.6	58.1	57.3	57.2	56.4	55.8	55.0	54.8	54.0	72
76	55.8	55.2	54.5	53.9	53.4	52.6	52.5	51.7	51.1	50.3	50.1	49.3	76
80	51.5	50.9	50.2	49.6	49.1	48.3	48.2	47.4	46.9	46.1	45.9	45.1	80
84	47.6	47.0	46.4	45.8	45.3	44.5	44.4	43.6	43.0	42.2	42.0	41.2	84
88	44.1	43.5	42.8	42.3	41.8	41.0	40.8	40.1	39.5	38.7	38.5	37.7	88
92		40.2	39.6	39.0	38.5	37.8	37.6	36.8	36.3	35.5	35.3	34.5	92
96			36.6	36.1	35.6	34.8	34.7	33.9	33.4	32.6	32.4	31.6	96
100					32.8	32.1	32.0	31.2	30.7	29.9	29.7	28.9	100
104						29.5	29.4	28.7	28.1	27.3	27.2	26.4	104
108								26.3	25.8	25.0	24.8	24.1	108
112									23.6	22.8	22.7	21.9	112
116											20.6	19.9	116
120												17.9	120

Boom Combination in FJh

Boom Combination in FJh				
Boom length (m)	Boom insert	Boom		
	6m/(H6)	12m boom base/(H2)	10.5m boom tapered insert/(H4)	1.5m connection section/(H9)
24	-	1	1	1
30	1	1	1	1
36	2	1	1	1



Working Radius in FJh



Unit: t

Load Chart of FJh

Notes:

1. Meet ISO 4305 standard.

2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - FJh (Boom 24~36m, Jib 12m, Rear counterweight 200t, carbody counterweight 50t) 1/2

Boom angle 15°							
Radius (m)	24		30		36		Radius (m)
	Main hook load	Auxiliary hook load	Main hook load	Auxiliary hook load	Main hook load	Auxiliary hook load	
6	496		478				6
6.5	493		481		474		6.5
7	453		453		453		7
8	388		389		388		8
9	339	160	340		339		9
10	301	160	301	160	301	160	10
11	269	154	270	160	270	160	11
12	244	146	244	153	244	157	12
13	222	139	222	146	222	150	13
14	201	133	202	138	202	144	14
15	180	126	181	133	182	139	15
16	163	120	164	128	165	134	16
17	148	116	150	124	150	129	17
18	136	111	137	119	138	124	18
19	125	107	126	115	127	121	19
20	116	103	117	111	117	117	20
22	100	96.1	101	104	101	111	22
24	87.2	89.9	88.7	98.6	89.1	100	24
26		85.1	78.2	90.2	78.7	89.7	26
28		80.9	69.4	81.3	69.9	80.8	28
30		74.1	61.8	73.8	62.5	73.3	30
32		67.6		67.3	56.1	66.8	32
34		61.8		61.7	50.5	61.2	34
36		56.7		56.7	45.5	56.2	36
40				52.3		51.9	40
44				48.3		48.0	44
48						41.2	48
						35.5	

Load Chart of FJh

Notes:

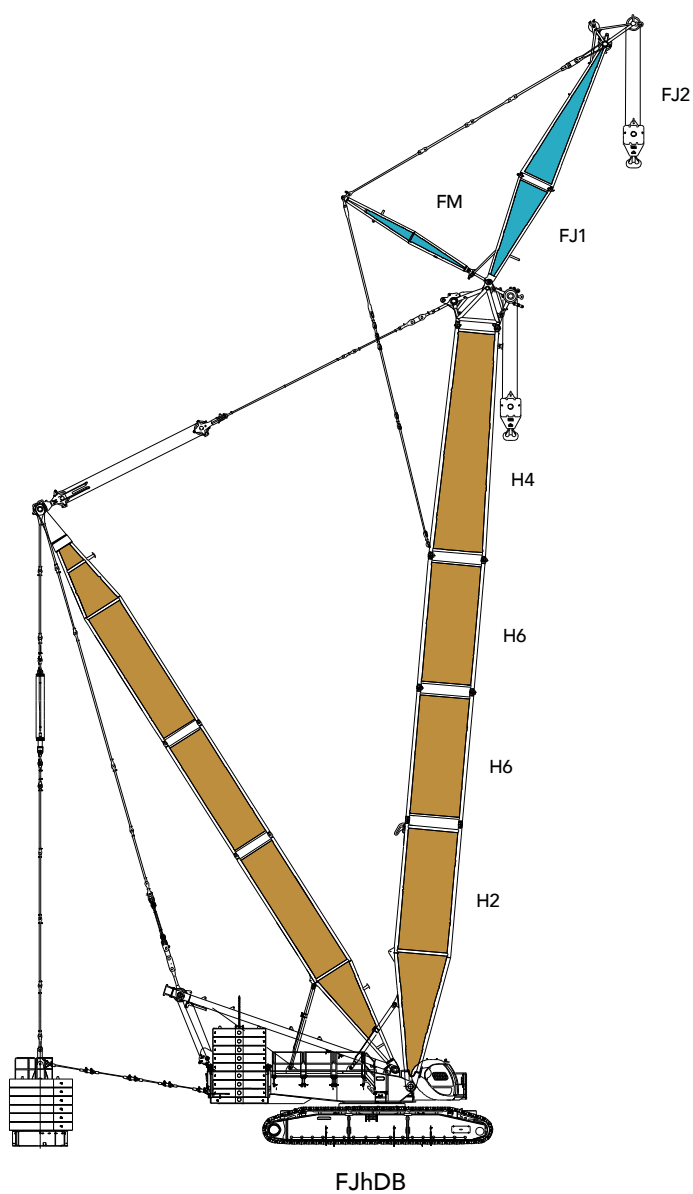
1. Meet ISO 4305 standard.
2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - FJh (Boom 24~36m, Jib 12m, Rear counterweight 200t, carbody counterweight 50t) 2/2

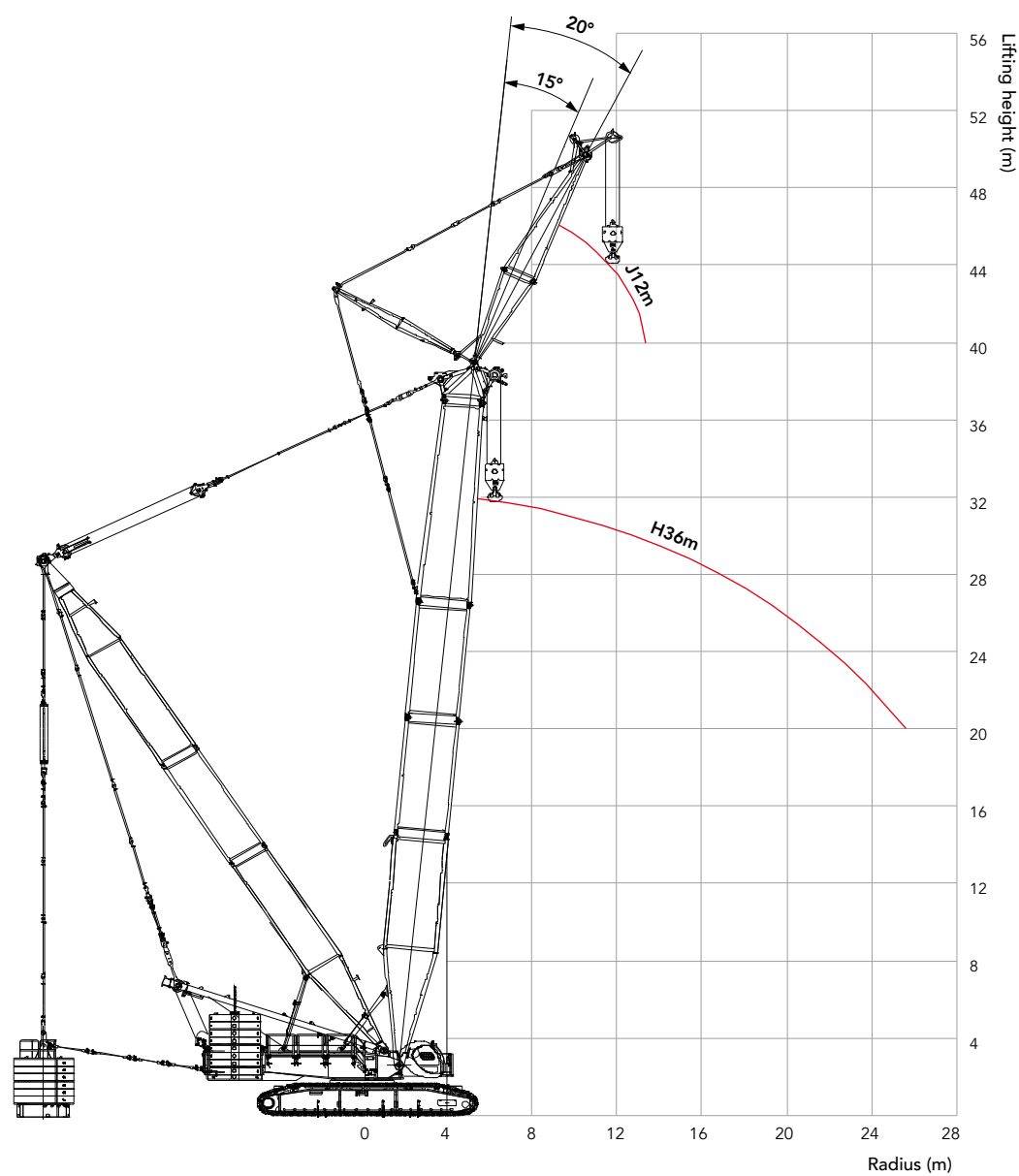
Boom angle 20°							
Radius (m)	24		30		36		Radius (m)
	Main hook load	Auxiliary hook load	Main hook load	Auxiliary hook load	Main hook load	Auxiliary hook load	
6	496		478				6
6.5	492		481		474		6.5
7	452		452		452		7
8	388		388		388		8
9	339		339		339		9
10	300	135	300	136	300		10
11	269	128	269	131	269	133	11
12	243	122	243	125	243	127	12
13	222	117	222	120	222	123	13
14	200	111	201	116	202	119	14
15	180	107	181	112	181	115	15
16	163	102	164	108	164	111	16
17	148	99.3	149	104	150	108	17
18	136	96.1	137	101	137	105	18
19	125	92.8	126	98.1	126	102	19
20	115	89.5	117	94.9	117	99.8	20
22	100	83.9	101	89.9	101	94.9	22
24	87.1	79.1	88.5	85.5	89.1	90.0	24
26		74.9	78.1	81.1	78.7	85.6	26
28		71.7	69.3	77.3	69.9	81.3	28
30		68.9	61.7	73.9	62.5	73.7	30
32		66.2		67.6	56.1	67.2	32
34		62.0		61.9	50.5	61.5	34
36		56.8		56.9	45.5	56.5	36
38				52.4		52.1	40
40				48.4		48.1	44
44						41.3	48
48						35.5	

Boom Combination in FJhDB

Boom Combination in FJhDB				
Boom length (m)	Boom insert	Boom		
	6m/(H6)	12m boom base / (H2)	10.5m boom tapered insert / (H4)	1.5m connection section / (H9)
36	2	1	1	1



Working Radius in FJhDB



Unit: t

Load Chart of FJhDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - FJhDB (Boom 36m, Jib 12m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 160t, Carbody counterweight 50t) 1/2			
Boom angle 15°			
Radius (m)	Main hook load	Auxiliary hook load	Radius (m)
7	467*		7
8	467*		8
9	467*		9
10	467	160*	10
11	469	160*	11
12	473	160*	12
14	431	148*	14
16	376	137*	16
18	330	127*	18
20	293	119*	20
22	263	112*	22
24	238	106*	24
26	217	100*	26
28	200	95.7*	28
30	184	91.6*	30
32	167	87.5*	32
34		83.8*	
36		80.4*	
38		77.4*	
40		74.7*	
44		70.3*	
48		70.3*	

Load Chart of FJhDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

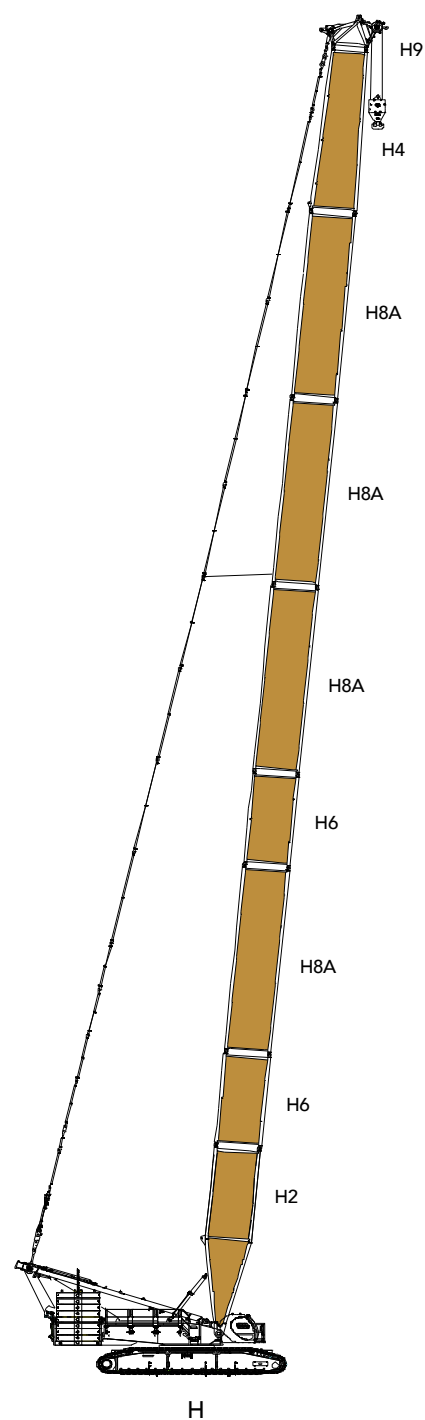
Load chart - FJhDB (Boom 36m, Jib 12m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 160t, Carbody counterweight 50t) 2/2			
Boom angle 20°			
Radius (m)	Main hook load	Auxiliary hook load	Radius (m)
7	467*		7
8	467*		8
9	467*		9
10	467		10
11	469	136*	11
12	473	130*	12
14	431	121*	14
16	375	114*	16
18	329	106*	18
20	293	101*	20
22	263	95.9*	22
24	238	91.0*	24
26	217	86.6*	26
28	199	82.6*	28
30	184	79.1*	30
32	167	76.9*	32
34		74.0*	
36		71.4*	
38		69.1*	
40		67.1*	
44		63.9*	
48		63.9*	

Boom Combination in H

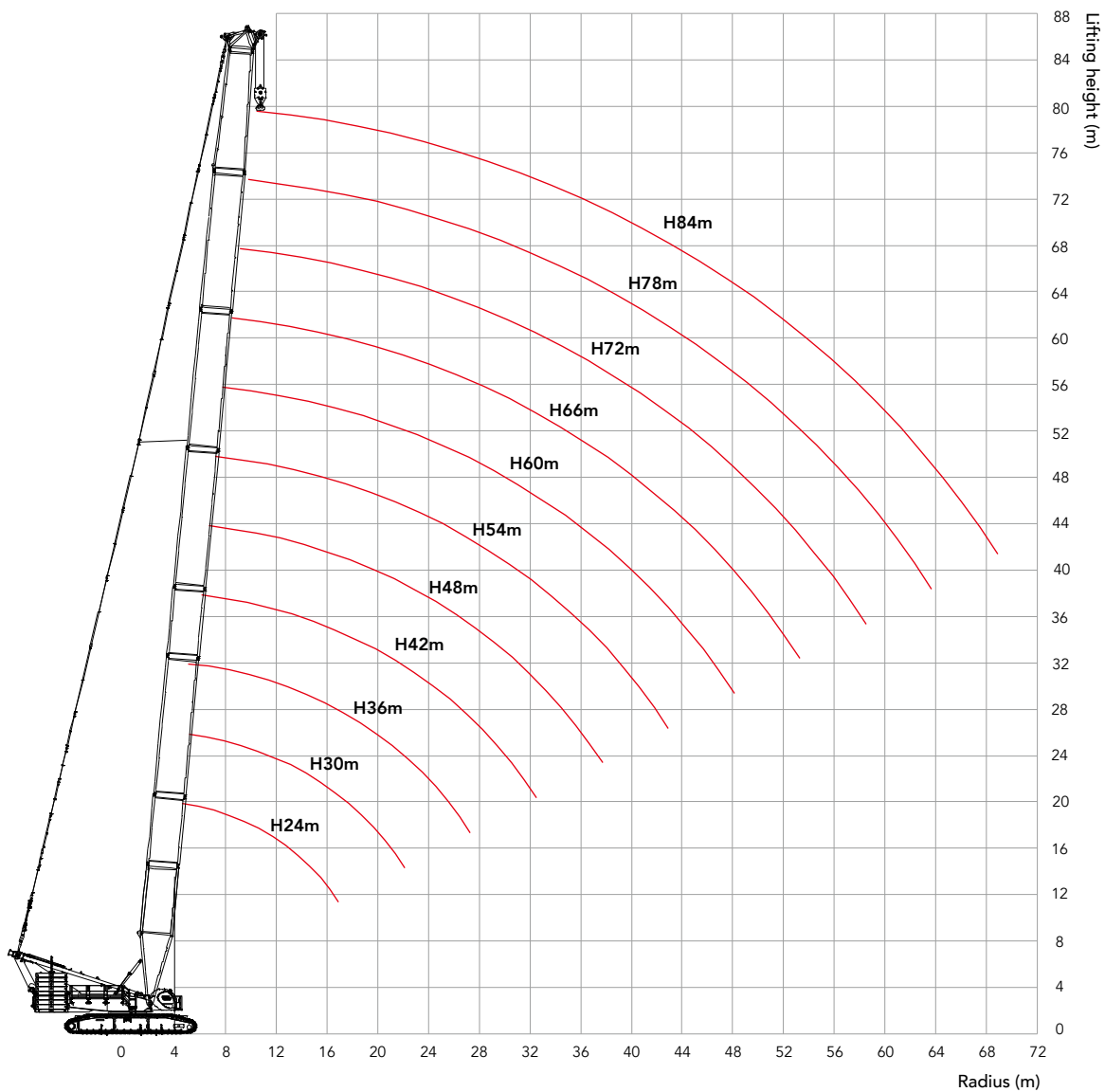
Boom Combination in H		
Boom length (m)	Boom insert	
	6m/ (H6)	12mA/(H8A)
24	-	-
30	1	-
36	2	-
42	1	1
48	2	1
54	1	2
60	2	2
66	1	3
72	2	3
78*	1	4
84*	2	4

Note: Combinations marked "*" mean when boom length is 78m, 84m or more, the mid-point suspension cable is must, otherwise, the boom may break.

Attention: if the boom length is 78m or more, the crane must boom up from side by side erection outrigger, otherwise the crane may tip over.



Working Radius in H



Unit: t

Load Chart of H

Notes:

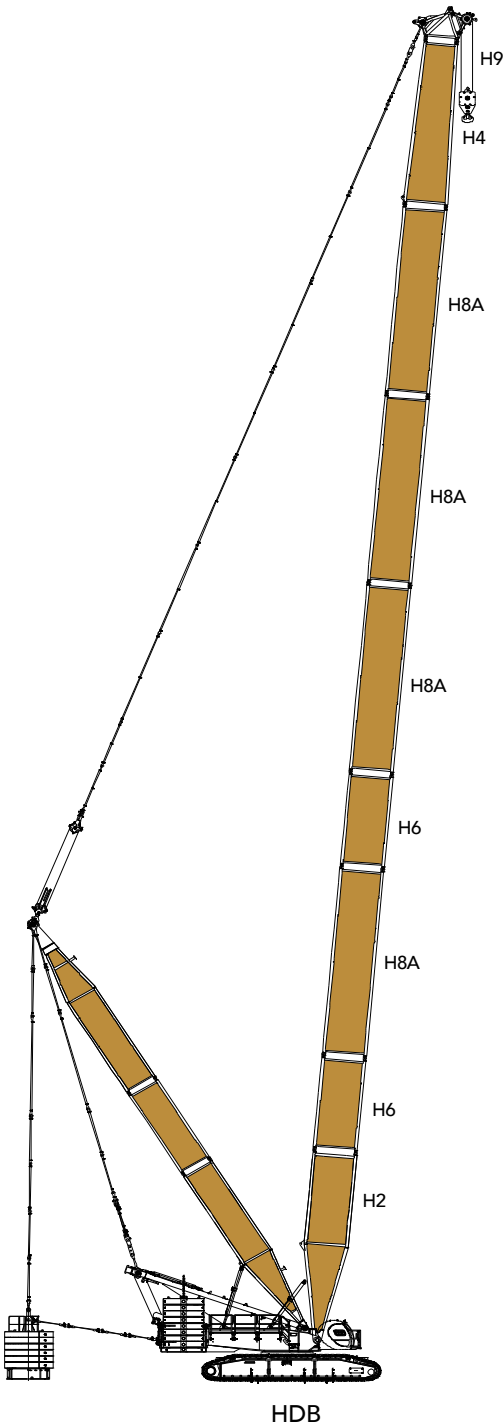
1. Meet ISO 4305 standard.

2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

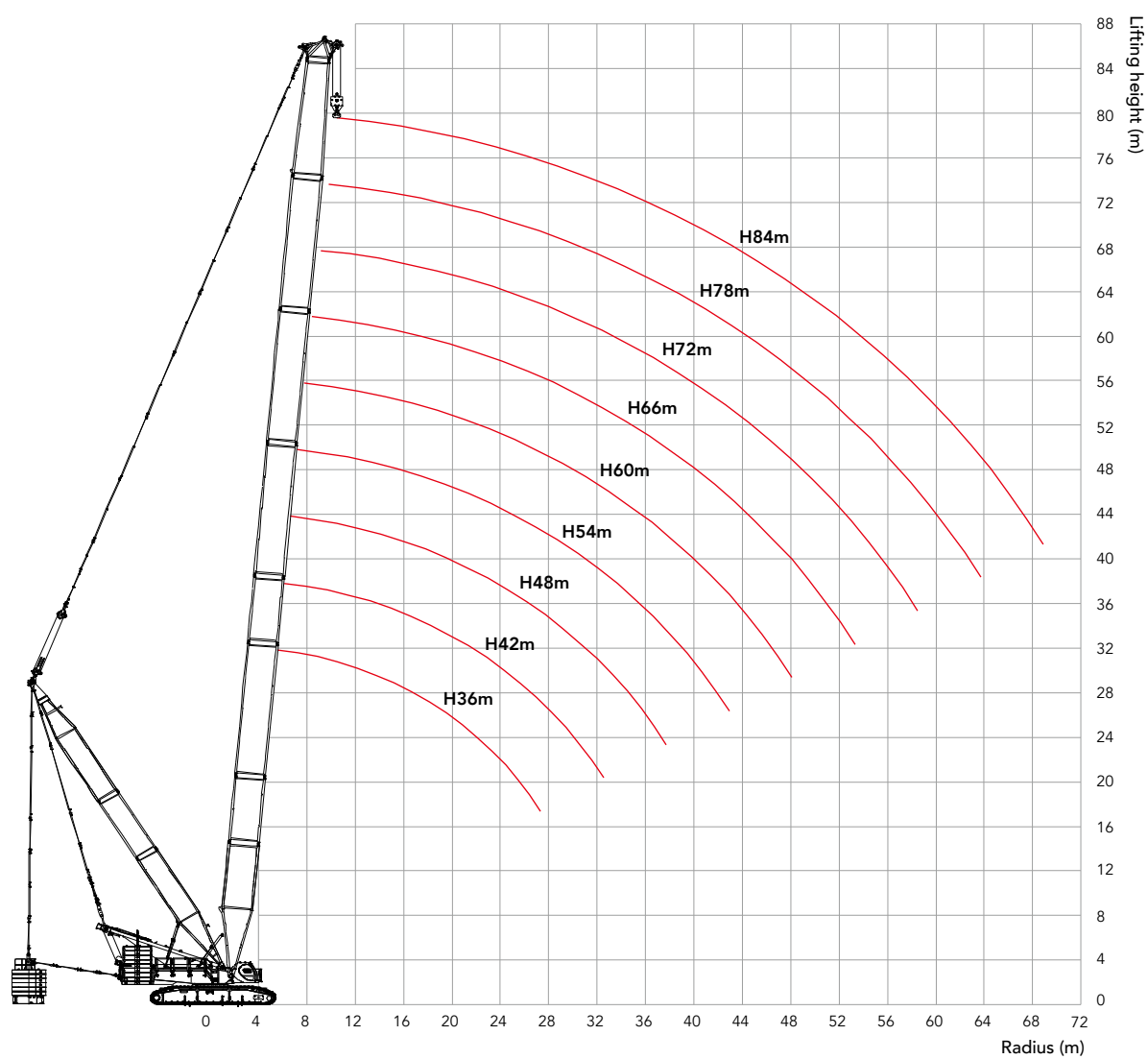
Load chart - H (Boom 24~84m, Rear counterweight 180t, carbody counterweight 50t)												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
6	500	450										6
7	426	422	418	414								7
8	369	366	363	354	335	317						8
9	325	323	320	307	292	278	266	254				9
10	290	288	283	271	259	248	237	228	218	210		10
11	262	260	252	242	232	223	214	206	198	191	184	11
12	236	235	227	218	210	202	195	188	181	174	168	12
14	188	187	186	182	176	170	164	159	153	148	144	14
16	155	155	154	153	150	146	141	137	133	129	124	16
18	131	131	131	130	129	127	124	120	116	113	109	18
20	113	113	113	113	112	111	109	106	103	100	97	20
22	99.3	99.6	99.1	98.8	98	97.2	96.3	95	92.2	89.5	86.8	22
24		88.3	88	87.7	86.9	86.3	85.3	84.5	83	80.6	78.1	24
26		79.1	78.8	78.6	77.8	77.2	76.3	75.5	74.5	73.1	70.8	26
28		71.3	71.1	70.9	70.2	69.6	68.7	67.9	67	66.1	64.4	28
30			64.5	64.4	63.7	63.2	62.3	61.5	60.6	59.7	58.7	30
32			58.9	58.8	58.2	57.6	56.7	56	55.1	54.2	53.2	32
34				53.9	53.3	52.7	51.9	51.2	50.3	49.4	48.5	34
36				49.6	49	48.5	47.7	47	46	45.2	44.2	36
38				45.8	45.2	44.7	43.9	43.2	42.3	41.5	40.5	38
40					41.9	41.4	40.6	39.9	39	38.1	37.2	40
44					36	35.6	34.8	34.1	33.2	32.5	31.5	44
48						30.8	30.1	29.4	28.5	27.8	26.8	48
52							26.1	25.5	24.6	23.8	22.9	52
56								22.1	21.3	20.5	19.6	56
60									18.4	17.6	16.7	60
64									15.8	15.1	14.2	64
68										12.9	12	68
72											10	72

Boom Combination in HDB

Boom Combination in HDB		
Boom length (m)	Boom insert	
	6m/(H6)	12mA/(H8A)
24	-	-
30	1	-
36	2	-
42	1	1
48	2	1
54	1	2
60	2	2
66	1	3
72	2	3
78	1	4
84	2	4



Working Radius in HDB



Load Chart of HDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

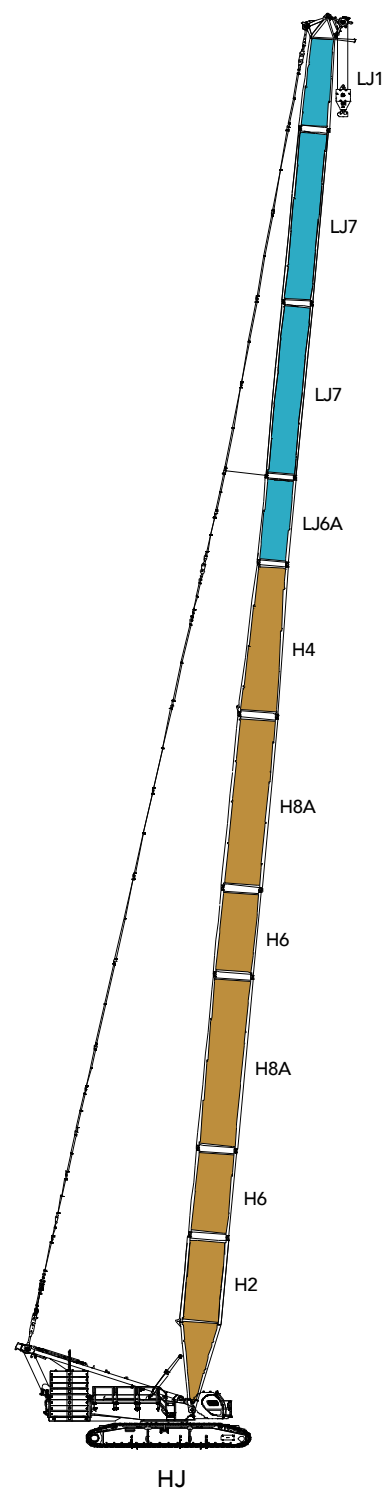
Load chart - HDB (Boom 36~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, carbody counterweight 50t)										
Radius (m)	36	42	48	54	60	66	72	78	84	Radius (m)
7	500*	450*								7
8	450*	450*	435*	404*						8
9	450*	450*	437*	405*	375*	341*				9
10	450*	450*	436*	403*	376*	341*	307*	258*		10
11	450	450	438	404*	378*	341*	307*	258*	219*	11
12	450	450	437	402	378	343*	307*	258*	218*	12
14	429	418	415	403	379	342	307	258*	218*	14
16	365	363	362	360	358	344	307	258	219*	16
18	322	321	320	318	316	315	307	258	219*	18
20	288	287	286	285	283	282	280	257	218	20
22	261	260	258	257	256	255	253	252	218	22
24	238	237	236	234	233	232	231	229	217	24
26	218	217	216	215	214	213	212	210	209	26
28	201	200	200	199	198	196	195	194	193	28
30	187	186	185	184	183	182	181	180	179	30
32	174	173	173	172	171	170	169	168	166	32
34		162	161	161	160	159	158	157	156	34
36		152	152	151	150	149	148	147	146	36
38		143	143	142	141	140	139	138	137	38
40			135	134	133	132	131	130	129	40
44			121	120	119	119	118	117	116	44
48				109	108	107	106	105	104	48
52					98.3	97.6	96.7	95.9	94.8	52
56						89.3	88.4	87.6	86.6	56
60							81.2	80.4	79.4	60
64							74.8	74.1	73.1	64
68								68.5	67.6	68
72									62.6	72

Boom Combination in HJ

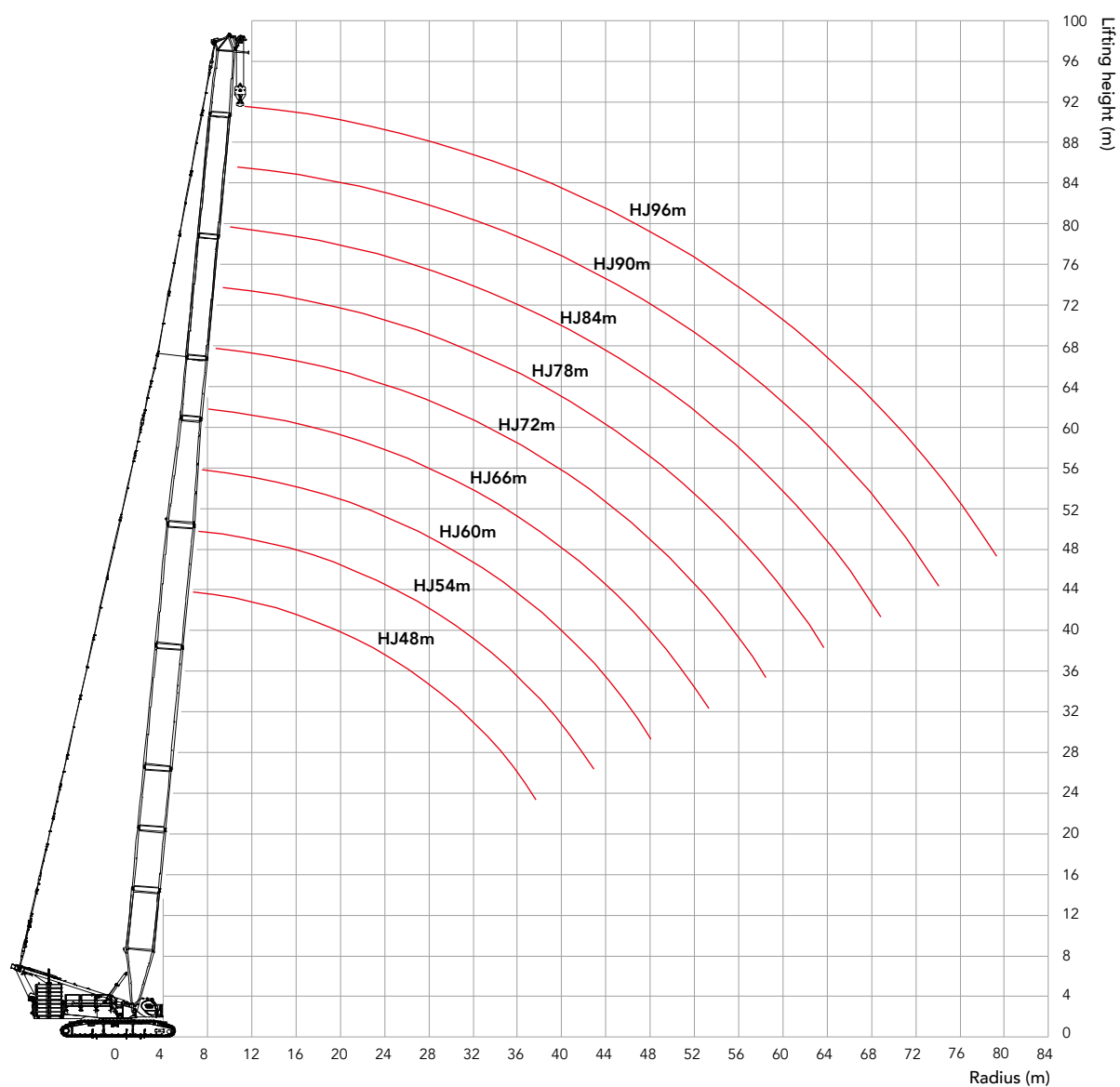
Boom Combination in HJ					
Boom length (m)	Boom insert		Jib insert		
	6m / (H6)	12mA / (H8A)	6mA / (LJ6A)	6mB / (LJ6B)	12m / (LJ7)
48	2	-	1	-	-
54	1	1	1	-	-
60	1	1	1	1	-
66	2	1	1	1	-
72*	2	1	1	-	1
78*	2	1	1	1	1
84*	1	2	1	1	1
90*	1	2	1	2	1
96*	2	2	1	2	1

Note: Combinations marked "*" mean when boom length is 78m, 84m or more, the mid-point suspension cable is must, otherwise, the boom may break.

Attention: if the boom length is 78m or more, the crane must boom up from side by side erection outrigger, otherwise the crane may tip over.



Working Radius in HJ



Unit: t

Load Chart of HJ

Notes:

1. Meet ISO 4305 standard.

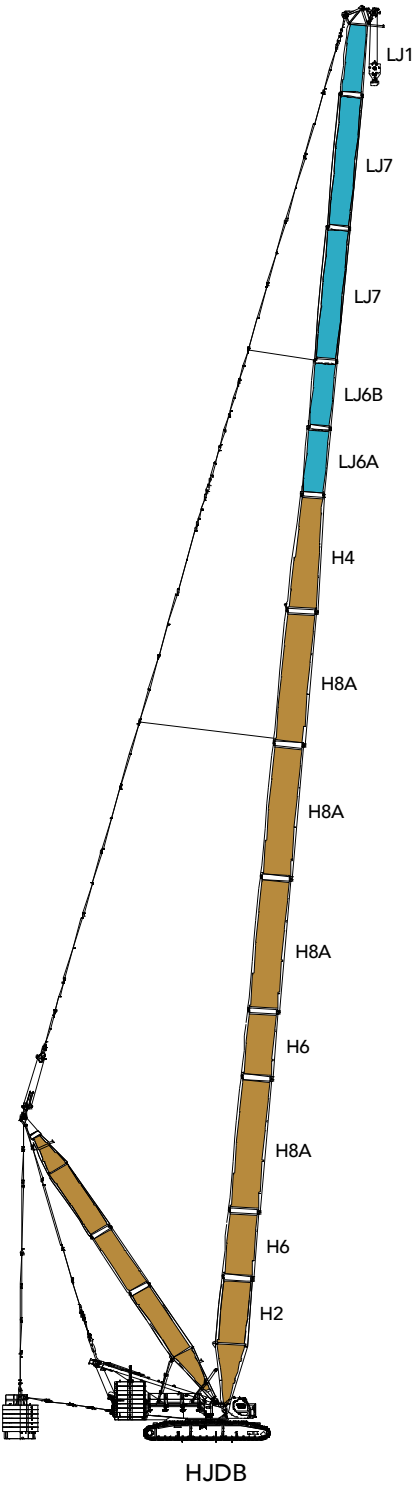
2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - HJ (Boom 48~96m, Rear counterweight 180t, Carbody counterweight 50t)										
Radius (m)	48	54	60	66	72	78	84	90	96	Radius (m)
8	226	224								8
9	228	225	216	213						9
10	228	226	218	214	195	162				10
11	231	227	219	211	196	159	163	134		11
12	215	207	200	193	187	158	163	133	132	12
14	180	174	169	164	159	154	149	129	129	14
16	155	150	146	142	138	134	130	126	123	16
18	133	131	128	124	121	118	115	112	109	18
20	115	114	114	110	108	105	102	100	97.1	20
22	101	101	100	99	97	94.7	92	90	87.4	22
24	90.1	89.4	89	88	87.7	85.7	83.3	81.6	79.1	24
26	80.9	80.2	79.9	78.9	78.7	78	75.9	74.3	72	26
28	73.2	72.5	72.2	71.3	71	70.5	69.4	68	65.9	28
30	66.6	66	65.7	64.7	64.5	64	63.2	62.5	60.5	30
32	60.9	60.3	60.1	59.1	59	58.5	57.6	57.3	55.7	32
34	56	55.4	55.2	54.3	54.1	53.6	52.8	52.4	51.4	34
36	51.7	51.1	50.9	50	49.8	49.3	48.5	48.2	47.2	36
38	47.8	47.3	47.1	46.2	46	45.6	44.7	44.4	43.4	38
40	44.4	43.9	43.7	42.8	42.6	42.2	41.4	41.1	40.1	40
44		38.1	37.9	37	36.9	36.4	35.6	35.3	34.3	44
48		33.2	33.1	32.2	32.1	31.7	30.9	30.6	29.6	48
52			29	28.2	28.1	27.7	26.9	26.6	25.7	52
56				24.8	24.7	24.3	23.5	23.3	22.3	56
60					21.8	21.4	20.6	20.4	19.4	60
64					19.2	18.9	18.1	17.8	16.9	64
68						16.6	15.8	15.6	14.6	68
72							13.9	13.6	12.5	72
76								11.9	8.7	76
80								10.3	4.1	80

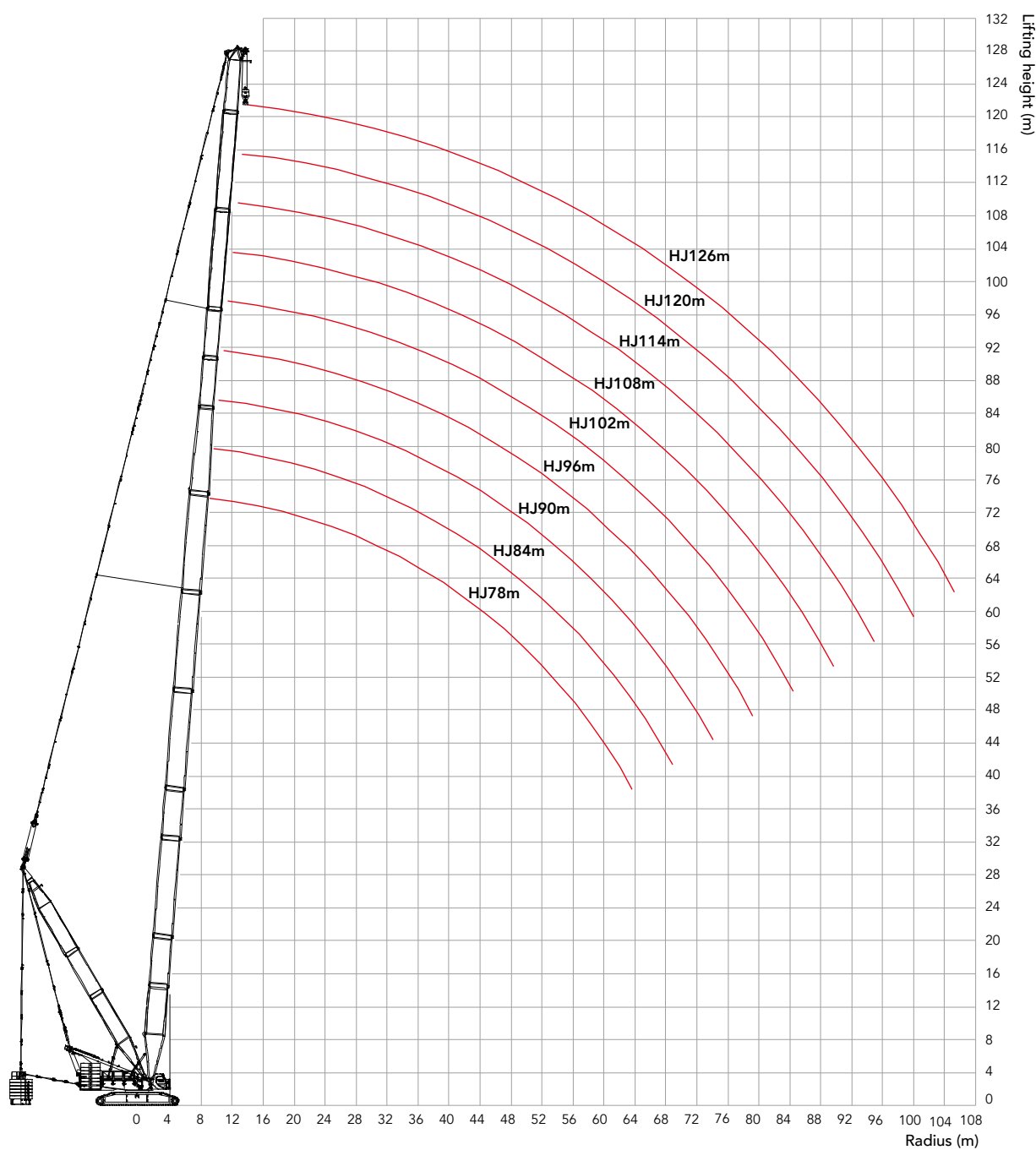
Boom Combination in HJDB

Boom Combination in HJDB					
Boom length (m)	Boom insert		Jib insert		
	6m/(H6)	12mA/(H8A)	6mA/(LJ6A)	6mB/(LJ6B)	12m/(LJ7)
78	1	3	1	-	-
84	2	3	1	-	-
90*	1	4	1	-	-
96*	2	4	1	-	-
102*	2	4	1	1	-
108*	2	4	1	-	1
114*	2	4	1	1	1
120*	2	4	1	2	1
126*	2	4	1	1	2

* : waist rope must be used, otherwise the boom o jib may break. The waist rope must be used in strict accordance with the instructions.



Working Radius in HJDB



Load Chart of HJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

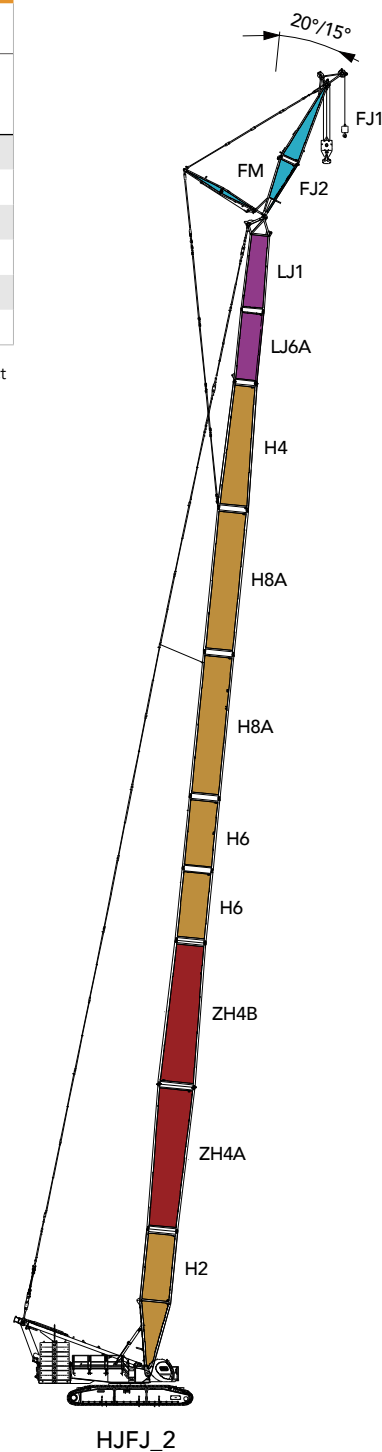
Load chart - HJDB (Boom 78~126m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, Carbody counterweight 50t)										
Radius (m)	78	84	90	96	102	108	114	120	126	Radius (m)
10	215*									10
11	216*	212*	188*							11
12	216*	211*	187*	162*	140*					12
14	218*	213*	188*	162*	140*	123*	107*	92.7*		14
16	219*	214*	187*	163*	140*	123*	107*	92.5*	80.4*	16
18	221*	216*	184*	163*	140*	123*	106*	92.2*	79.6*	18
20	222	218	179*	162*	140*	123*	106*	91.8*	78.7*	20
22	224	219	176*	162*	140*	122*	107*	90.9*	77.9*	22
24	226	218	172	162	141*	122*	106*	90.0*	77.0*	24
26	212	211	167	163	140*	122*	106*	89.1*	76.1*	26
28	196	194	161	162	140	122*	105*	88.1*	75.2*	28
30	182	180	152	162	140	122	104*	87.2*	74.3*	30
32	169	168	144	162	139	121	103*	86.2*	73.4*	32
34	158	157	137	155	134	120	103*	85.3*	72.4*	34
36	149	147	131	145	128	119	102	84.3*	71.5*	36
38	140	139	126	137	122	118	101	83.3*	70.6*	38
40	132	131	121	129	118	117	99.7	82.3*	69.7*	40
44	118	117	111	115	108	113	97.9	80.4	67.9*	44
48	107	106	104	104	101	103	96.1	77.4	65.8*	48
52	97.5	96.4	95.6	94.5	94.0	93.7	93.1	73.0	62.0	52
56	89.2	88.2	87.3	86.3	85.8	85.5	85.0	69.2	58.6	56
60	82.0	81.0	80.2	79.2	78.7	78.5	77.9	66.0	55.8	60
64	75.7	74.8	73.9	72.9	72.5	72.2	71.7	62.8	53.0	64
68	70.1	69.2	68.4	67.4	66.9	66.7	66.2	60.5	50.7	68
72		64.2	63.4	62.4	62.0	61.8	61.3	58.3	48.8	72
76			59.0	58.0	57.6	57.4	56.9	56.1	46.9	76
80			55.0	54.0	53.6	53.5	53.0	52.4	45.4	80
84				50.4	50.0	49.8	49.4	48.8	44.0	84
88					46.7	46.6	46.1	45.6	42.9	88
92						43.5	43.1	42.6	42.1	92
96							40.3	39.8	39.5	96
100							37.8	37.3	37.0	100
104								34.9	34.7	104
108									32.5	108

Boom Combination in HJFJ_2

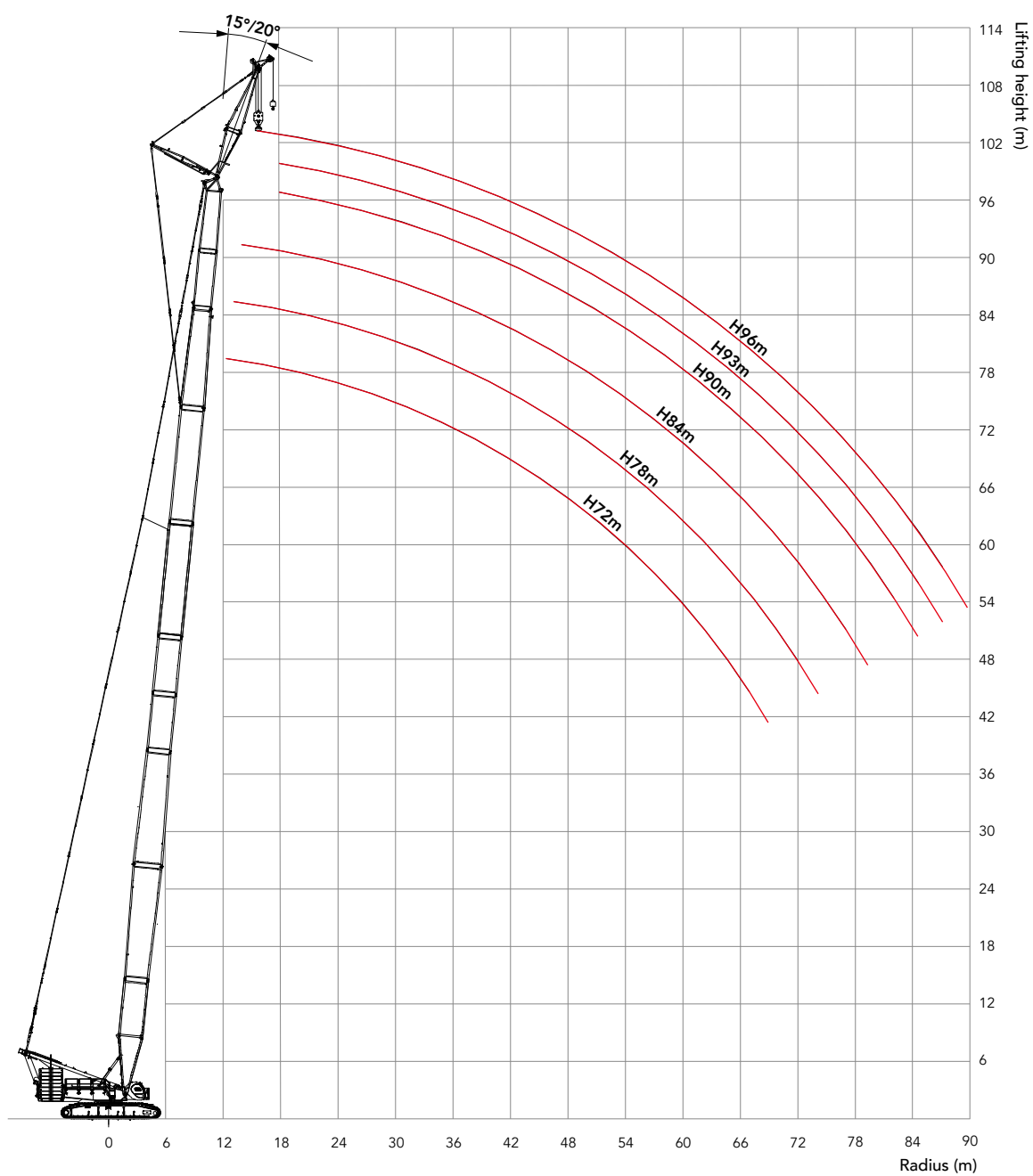
Boom Combination in HJFJ_2

Boom length (m)	Boom insert			Power boom		Jib insert
	3m / (H5)	6m / (H6)	12mA / (H8A)	12m lower transition section / (ZH4A)	12m upper transition section / (ZH4B)	6mA / (LJ6A)
72*	-	-	1	1	1	1
78*	-	1	1	1	1	1
84*	-	2	1	1	1	1
90*	-	1	2	1	1	1
93*	1	1	2	1	1	1
96*	-	2	2	1	1	1

* : waist rope must be used, otherwise the boom o jib may break. The waist rope must be used in strict accordance with the instructions.



Working Radius in HJFJ_2



Unit: t

Load Chart of HJFJ_2

Notes:

1. Meet ISO 4305 standard.

2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - HJFJ_2 (Boom 72~96m, Jib 12m, Rear counterweight 200t, Carbody counterweight 50t) 1/2							
Boom angle 15°							
Radius (m)	72	78	84	90	93	96	Radius (m)
13	143	141					13
14	142	140	135	132			14
15	138	136	132	129	126	124	15
16	130	127	126	124	122	122	16
17	123	121	119	117	116	115	17
18	116	114	112	110	110	108	18
19	111	109	107	105	104	103	19
20	105	103	101	100	98.7	98.4	20
22	95.8	93.9	92.3	90.6	88.9	88.4	22
24	87.4	85.3	83.8	82.0	81.4	80.7	24
26	80.8	78.6	77.2	75.2	74.3	73.2	26
28	74.5	72.0	70.8	69.4	68.0	67.8	28
30	69.5	67.8	65.4	63.7	62.6	62.1	30
32	64.3	62.9	60.9	58.9	58.0	57.3	32
34	58.9	57.8	55.8	54.3	53.7	53.1	34
36	53.9	53.1	52.3	50.6	49.6	49.1	36
38	49.5	48.7	47.8	47.0	46.1	45.2	38
40	45.6	44.8	43.9	43.2	42.7	41.9	40
44	39.0	38.1	37.2	36.5	36.0	35.6	44
48	33.5	32.6	31.7	31.0	30.5	30.1	48
52	29.0	28.1	27.2	26.5	25.9	25.5	52
56	25.1	24.2	23.3	22.6	22.0	21.6	56
60	21.8	20.9	19.9	19.2	18.7	18.3	60
64	18.9	18.0	17.0	16.3	15.8	15.2	64
68	16.3	15.4	14.5	13.8	13.2	11.9	68
72	14.0	13.1	12.2	11.5	9.9	8.8	72
76	12.0	11.1	10.2	9.5	7.4	6.1	76
80	10.1	9.3	7.6	7.3	4.7	3.5	80
84	8.3	7.6	4.9	4.7	2.4	1.2	84
88		6.0	4.9	2.3			88
92			3.8				92
96			2.4				96

Load Chart of HJFJ_2

Notes:

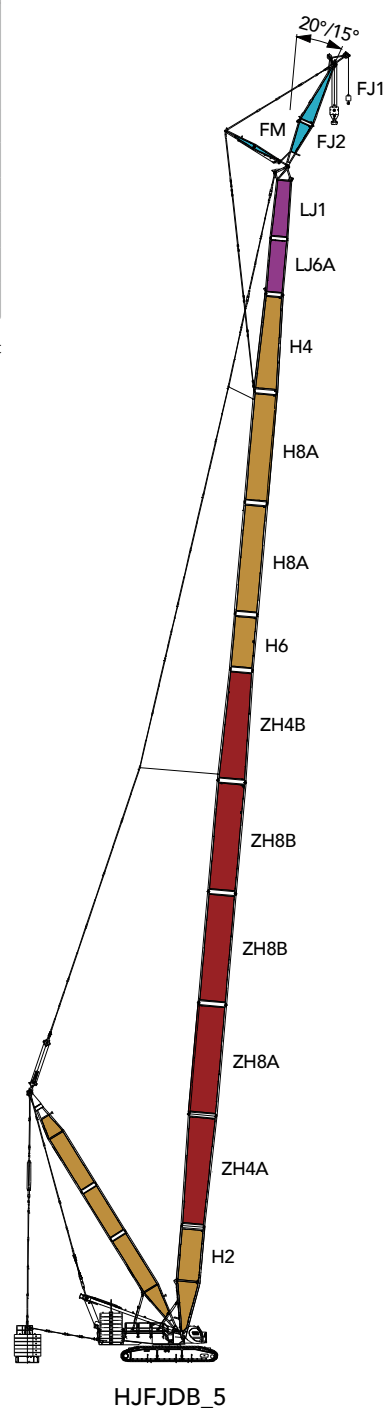
1. Meet ISO 4305 standard.
2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

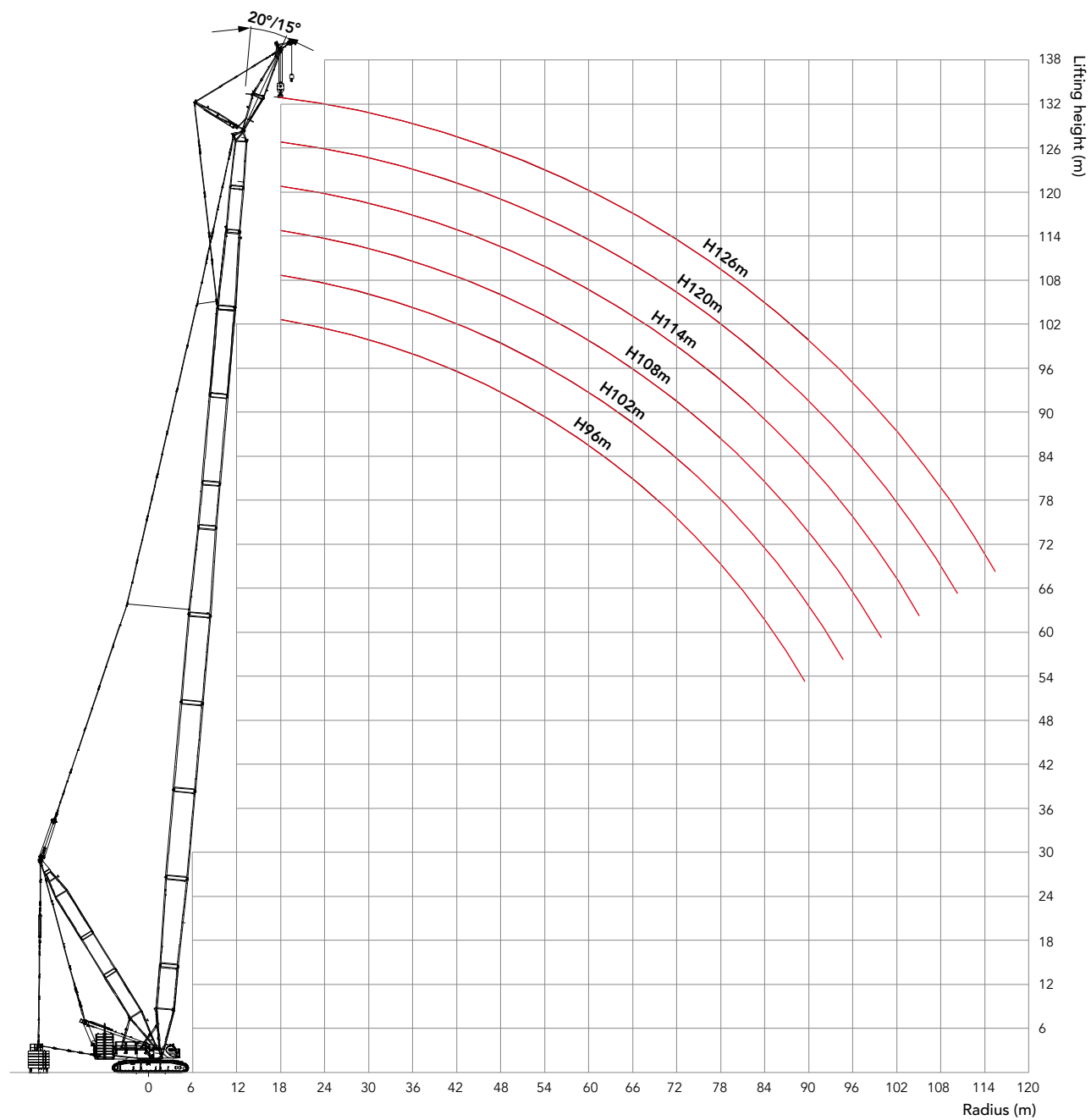
Load chart - HJFJ_2 (Boom 72~96m, Jib 12m, Rear counterweight 200t, Carbody counterweight 50t) 2/2							
Boom angle 20°							
Radius (m)	72	78	84	90	93	96	Radius (m)
14	130	129					14
15	129	128	122	121			15
16	128	127	122	121	116	114	16
17	123	121	119	118	115	113	17
18	116	114	113	111	110	109	18
19	111	109	107	105	104	104	19
20	105	103	101	100	99.3	98.3	20
22	96.2	94.1	92.2	90.6	89.6	89.1	22
24	87.9	85.7	84.1	82.2	81.6	80.9	24
26	80.4	78.5	76.7	75.5	74.6	74.1	26
28	74.8	72.6	71.2	69.0	68.4	68.2	28
30	69.3	67.4	65.1	63.5	63.0	62.5	30
32	63.9	62.7	60.7	58.7	57.9	57.5	32
34	59.3	58.4	56.4	54.8	53.5	52.9	34
36	54.3	53.5	52.2	50.4	50.0	48.9	36
38	49.9	49.1	48.3	47.4	46.0	45.1	38
40	46.0	45.1	44.3	43.6	42.7	41.9	40
44	39.3	38.4	37.6	36.9	36.4	36.0	44
48	33.8	32.9	32.0	31.3	30.8	30.5	48
52	29.2	28.3	27.4	26.7	26.2	25.8	52
56	25.3	24.4	23.5	22.8	22.3	21.9	56
60	21.9	21.0	20.1	19.4	18.9	18.5	60
64	19.0	18.1	17.2	16.5	16.0	15.5	64
68	16.4	15.5	14.6	13.9	13.4	11.9	68
72	14.1	13.2	12.3	11.6	10.5	9.1	72
76	12.0	11.2	10.3	9.6	7.4	6.1	76
80	10.1	9.3	7.5	7.5	4.7	3.5	80
84	8.2	7.6	5.4	4.9	2.4	1.4	84
88		5.9	5.2	2.3			88
92			3.7				92
96			2.3				96

Boom Combination in HJFJDB_5

Boom Combination in HJFJDB_5							
Boom length (m)	Boom insert		Power boom				Jib insert
	6m / (H6)	12mA / (H8A)	12m lower transition section / (ZH4A)	12m power boom insert A / (ZH8A)	12m power boom insert B / (ZH8B)	12m upper transition section / (ZH4B)	6mA / (LJ6A)
96*	-	-	1	1	2	1	1
102*	1	-	1	1	2	1	1
108*	0	1	1	1	2	1	1
114*	1	1	1	1	2	1	1
120*	0	2	1	1	2	1	1
126*	1	2	1	1	2	1	1

* : waist rope must be used, otherwise the boom o jib may break. The waist rope must be used in strict accordance with the instructions



Working Radius in HJFJDB_5

Unit: t

Load Chart of HJFJDB_5

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - HJFJDB_5 (Boom 96~126m, Jib 12m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 160t, Carbody counterweight 50t) 1/2							
Boom angle 15°							
Radius (m)	96	102	108	114	120	126	Radius (m)
15	131*	126*					15
16	130*	124*	120*				16
17	128*	122*	118*	121*	116*		17
18	126*	121*	117*	120*	116*	102*	18
19	124*	119*	115*	119*	114*	101*	19
20	123*	118*	113*	118*	113*	101*	20
22	119*	115*	111*	115*	111*	101*	22
24	116*	112*	108*	113*	109*	99.9*	24
26	113*	109*	105*	110*	106*	99.0*	26
28	110*	106*	102*	108*	104*	98.0*	28
30	107*	103*	99.6*	106*	102*	96.6*	30
32	104*	101*	97.1*	103*	99.8*	93.5*	32
34	102	97.8	94.5*	101	96.4	90.4*	34
36	99.5	95.1	92.0	98.7	93.6	87.3	36
38	97.5	93.2	90.0	97.0	90.3	84.8	38
40	95.0	90.9	88.1	94.7	88.1	82.2	40
44	90.5	86.7	84.0	91.3	82.7	77.3	44
48	87.2	83.2	79.8	87.3	78.5	72.9	48
52	83.8	79.8	75.6	84.7	74.4	68.7	52
56	80.9	76.7	71.9	80.8	70.5	65.5	56
60	78.0	73.3	68.7	76.6	67.1	62.5	60
64	72.3	71.0	65.8	69.9	64.1	59.5	64
68	66.4	65.5	63.4	63.9	61.6	56.7	68
72	61.1	60.2	59.3	58.6	57.6	54.3	72
76	56.3	55.5	54.5	53.9	52.9	52.1	76
80	52.1	51.2	50.3	49.6	48.6	48.0	80
84	48.2	47.3	46.4	45.8	44.8	44.1	84
88	44.6	43.8	42.8	42.2	41.3	40.6	88
92	41.4	40.5	39.6	39.0	38.0	37.4	92
96	38.4	37.6	36.6	36.1	35.1	34.4	96
100	35.6	34.8	33.9	33.3	32.3	31.7	100
104	33.0	32.2	31.3	30.8	29.8	29.2	104
108	30.5	29.8	29.0	28.4	27.5	26.8	108
112		27.5	26.7	26.2	25.3	24.6	112
116			24.6	24.1	23.2	22.6	116
120			22.6	22.2	21.3	20.7	120
124				20.3	19.4	18.9	124
128					17.7	17.1	128
132					16.0	15.5	132
136						13.9	136

Load Chart of HJFJDB_5

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - HJFJDB_5 (Boom 96~126m, Jib 12m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 160t, Carbody counterweight 50t) 2/2							
Boom angle 20°							
Radius (m)	96	102	108	114	120	126	Radius (m)
16	120*	115*					16
17	119*	113*	109*	112*			17
18	118*	112*	108*	111*	108*	101*	18
19	116*	111*	107*	110*	107*	101*	19
20	114*	110*	106*	110*	106*	101*	20
22	112*	107*	103*	108*	104*	100*	22
24	109*	105*	101*	106*	102*	98.1*	24
26	106*	102*	98.3*	104*	100*	96.3*	26
28	104*	99.5*	96.1*	102*	98.0*	94.4*	28
30	101*	97.5*	93.7*	99.6*	96.0*	92.5*	30
32	99.2*	95.0*	91.4*	97.4*	94.0*	90.0*	32
34	96.4*	92.5*	89.5*	95.3*	92.0*	87.6*	34
36	94.6*	90.8	87.2*	93.8	89.9	84.6*	36
38	92.3	88.2*	85.5	91.6	87.3	82.2	38
40	89.9	86.5	83.8	90.1	85.2	79.8	40
44	86.5	83.2	80.2	87.0	80.0	75.0	44
48	82.9	79.5	77.0	83.9	76.0	71.2	48
52	80.2	77.0	73.7	80.8	72.1	67.6	52
56	77.9	73.5	70.3	78.3	68.7	64.1	56
60	75.0	71.1	67.3	75.3	65.5	61.1	60
64	72.5	68.3	64.6	70.1	62.8	58.2	64
68	66.5	65.7	61.8	64.1	60.3	55.8	68
72	61.2	60.4	59.4	58.8	57.9	53.6	72
76	56.5	55.6	54.7	54.1	53.1	51.4	76
80	52.2	51.3	50.4	49.8	48.8	48.1	80
84	48.3	47.4	46.5	45.9	44.9	44.3	84
88	44.7	43.9	43.0	42.4	41.4	40.7	88
92	41.4	40.6	39.7	39.1	38.1	37.5	92
96	38.4	37.6	36.7	36.1	35.2	34.5	96
100	35.6	34.8	33.9	33.4	32.4	31.8	100
104	33.0	32.2	31.4	30.8	29.9	29.2	104
108	30.4	29.8	29.0	28.4	27.5	26.9	108
112		27.5	26.7	26.2	25.3	24.7	112
116			24.6	24.1	23.2	22.6	116
120			22.5	22.1	21.3	20.7	120
124				20.2	19.4	18.9	124
128					17.6	17.1	128
132					15.9	15.5	132
136						13.9	136

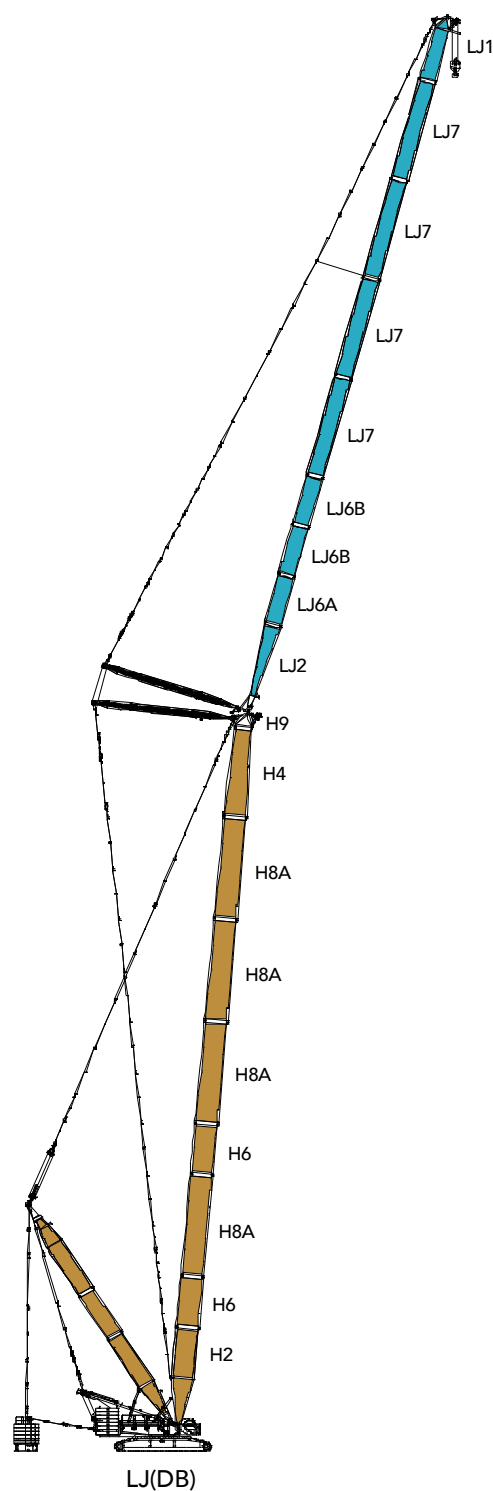
Boom Combination in LJ(DB)

Boom Combination in LJ(DB)				
Jib length (m)	Jib insert			Boom length (m)
	6mA	6mB	12m	
24	1	-	-	36m~60m(LJ) 36m~84m(LJDB) 60m+72m/84m+84m (LJ Max. length of boom + jib) 85° 75° 65°
30	1	1	-	
36	1	2	-	
42	1	1	1	
48	1	2	1	
54	1	1	2	
60	1	2	2	
66*	1	1	3	
72*	1	2	3	
78*	1	1	4	
84*	1	2	4	

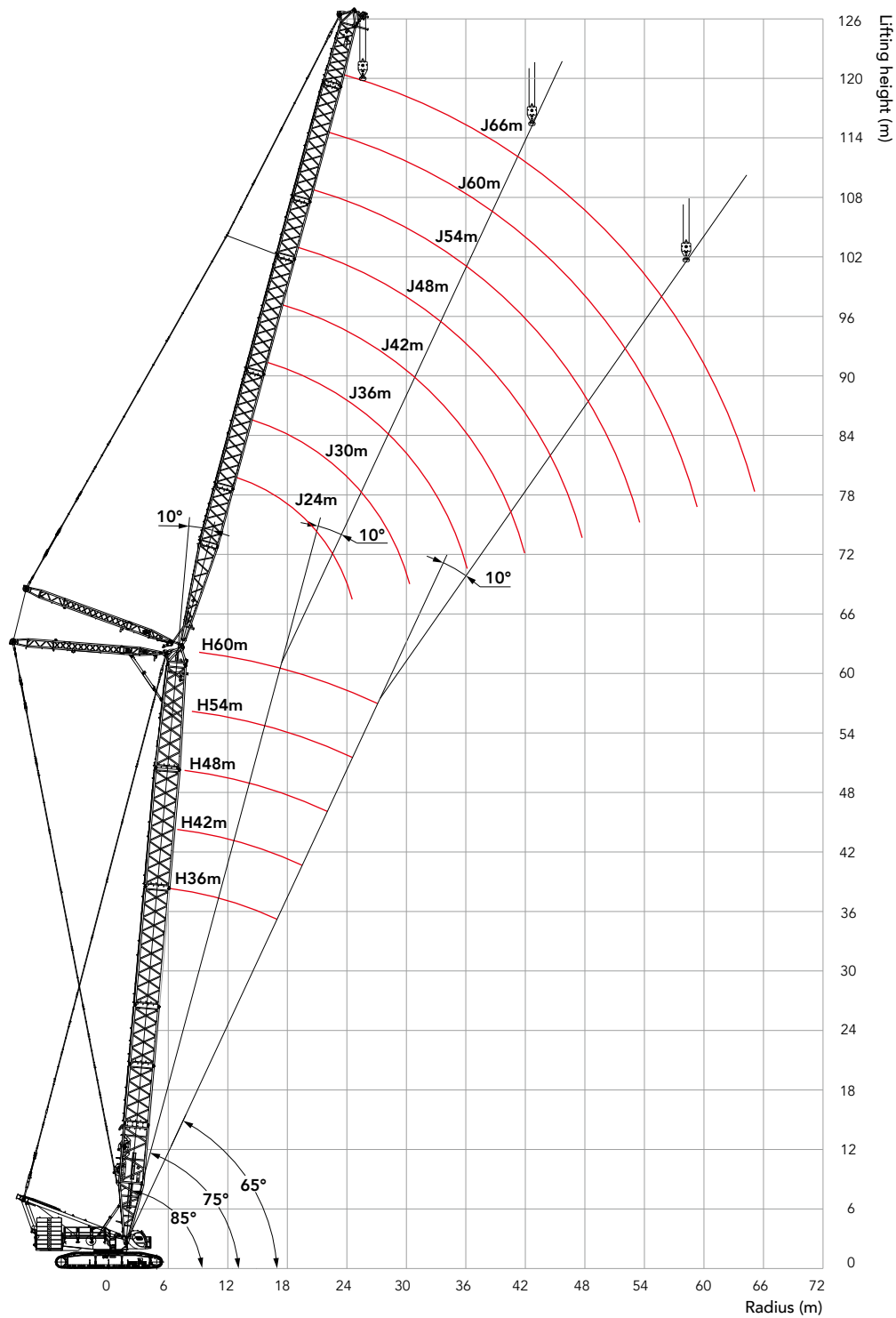
LJ conguration jib length: 24m~72m, LJDB conguration jib length: 24m~84m.

* : waist rope must be used in 66m-84m working condition of the jib, otherwise the jib may break.

Attention: The lifting operation must be carried out in strict accordance with the instructions in LJ construction, otherwise the crane may tip over.



Working Radius in LJ



Unit: t

Load Chart of LJ

Notes:

1. Meet ISO 4305 standard.

2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJ (Boom angle 85°, Jib 24~72m, Rear counterweight 180t, Carbody counterweight 50t) 1/5										
Boom 36m										
Radius (m)	24	30	36	42	48	54	60	66	72	Radius (m)
14	177									14
16	154	150	145							16
18	133	133	129	125						18
20	117	116	115	113	110					20
22	104	103	102	101	99.7	97.2	94.6			22
24	93.1	92.6	91.8	91	90.2	89	86.6	83.3		24
26	84.3	83.9	83.2	82.5	81.7	81	79.8	77.8	70.1	26
28		76.6	75.9	75.3	74.6	73.9	73.1	72	69.3	28
30		70.3	69.8	69.2	68.5	67.9	67.1	66.5	65.1	30
32		64.9	64.4	63.9	63.2	62.6	61.9	61.3	60.5	32
34			59.8	59.3	58.6	58.1	57.3	56.7	56	34
36			55.7	55.2	54.6	54	53.3	52.8	52	36
38			52	51.6	51	50.5	49.8	49.2	48.5	38
40				48.4	47.8	47.3	46.6	46.1	45.4	40
44					42.3	41.9	41.2	40.7	40	44
48					37.8	37.4	36.7	36.2	35.6	48
52						33.6	33	32.5	31.8	52
56							29.8	29.3	28.7	56
60							27	26.5	25.9	60
64								24.1	23.5	64
68									21.4	68

Load Chart of LJ

Notes:

1. Meet ISO 4305 standard.
2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJ (Boom angle 85°, Jib 24~72m, Rear counterweight 180t, Carbody counterweight 50t) 2/5										
Boom 42m										
Radius (m)	24	30	36	42	48	54	60	66	72	Radius (m)
14	170									14
16	149	145								16
18	132	129	125	121						18
20	116	115	112	109	106					20
22	103	102	101	99.5	96.8	94.4				22
24	92.5	91.8	91.1	90.3	88.7	86.5	84.2			24
26	83.7	83.3	82.5	81.8	81	79.7	77.6	75.6	65.7	26
28	76.3	76	75.4	74.7	74	73.3	71.8	70	64.2	28
30		69.8	69.3	68.7	67.9	67.3	66.5	65.1	62.7	30
32		64.5	64	63.4	62.7	62.1	61.4	60.7	59	32
34			59.4	58.8	58.2	57.6	56.9	56.2	55.2	34
36			55.3	54.8	54.2	53.6	52.9	52.3	51.6	36
38			51.7	51.2	50.6	50.1	49.4	48.8	48.1	38
40				48	47.4	46.9	46.2	45.7	45	40
44				42.5	42	41.5	40.9	40.3	39.6	44
48					37.5	37.1	36.4	35.9	35.2	48
52						33.3	32.7	32.2	31.5	52
56							29.5	29	28.4	56
60							26.7	26.3	25.7	60
64								23.9	23.3	64
68									21.2	68

Unit: t

Load Chart of LJ

Notes:

1. Meet ISO 4305 standard.

2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJ (Boom angle 85°, Jib 24~72m, Rear counterweight 180t, Carbody counterweight 50t) 3/5										
Boom 48m										
Radius (m)	24	30	36	42	48	54	60	66	72	Radius (m)
14	164									14
16	144	140								16
18	128	124	121							18
20	115	112	109	106	103					20
22	102	101	99.2	96.6	94	91.6				22
24	91.8	91.2	90.4	88.6	86.2	84	81.3			24
26	83.2	82.7	81.9	81.2	79.5	77.5	75.4	69.6		26
28	75.9	75.5	74.8	74.2	73.4	71.8	69.9	67.5	59.4	28
30		69.4	68.8	68.2	67.4	66.8	65	63.3	58	30
32		64.1	63.5	63	62.2	61.6	60.7	59.1	56.3	32
34		59.4	59	58.4	57.7	57.2	56.4	55.3	53.7	34
36			54.9	54.4	53.8	53.2	52.5	51.9	50.4	36
38			51.3	50.9	50.3	49.7	49	48.4	47.4	38
40				47.7	47.1	46.6	45.9	45.3	44.6	40
44				42.2	41.7	41.2	40.6	40	39.3	44
48					37.2	36.8	36.2	35.6	34.9	48
52						33.1	32.5	31.9	31.3	52
56							29.3	28.8	28.1	56
60							26.5	26.1	25.4	60
64								23.7	23.1	64
68									21	68
72									19.1	72

Load Chart of LJ

Notes:

1. Meet ISO 4305 standard.
2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJ (Boom angle 85°, Jib 24~72m, Rear counterweight 180t, Carbody counterweight 50t) 4/5										
Boom 54m										
Radius (m)	24	30	36	42	48	54	60	66	72	Radius (m)
16	139	135								16
18	124	120	117							18
20	112	109	106	103						20
22	101	98.9	96.2	93.7	91.1					22
24	91	90.4	88.2	86	83.6	81.5	74.4			24
26	82.5	82	81.2	79.3	77.1	75.2	72.1	64.1		26
28	75.3	74.9	74.2	73.5	71.5	69.8	67.8	62.2	54.9	28
30		68.8	68.2	67.5	66.6	64.9	63.1	60.2	53.5	30
32		63.6	63	62.4	61.7	60.7	58.9	57.4	51.9	32
34		58.9	58.5	57.9	57.2	56.6	55.2	53.7	50.3	34
36			54.5	54	53.3	52.7	51.9	50.5	48.3	36
38			50.9	50.5	49.8	49.2	48.5	47.5	46	38
40				47.3	46.7	46.2	45.4	44.8	43.3	40
44				41.9	41.3	40.8	40.2	39.6	38.7	44
48					36.9	36.5	35.8	35.3	34.6	48
52						32.8	32.1	31.6	30.9	52
56						29.6	29	28.5	27.8	56
60							26.3	25.8	25.2	60
64								23.4	22.8	64
68									20.8	68
72									18.9	72

Unit: t

Load Chart of LJ

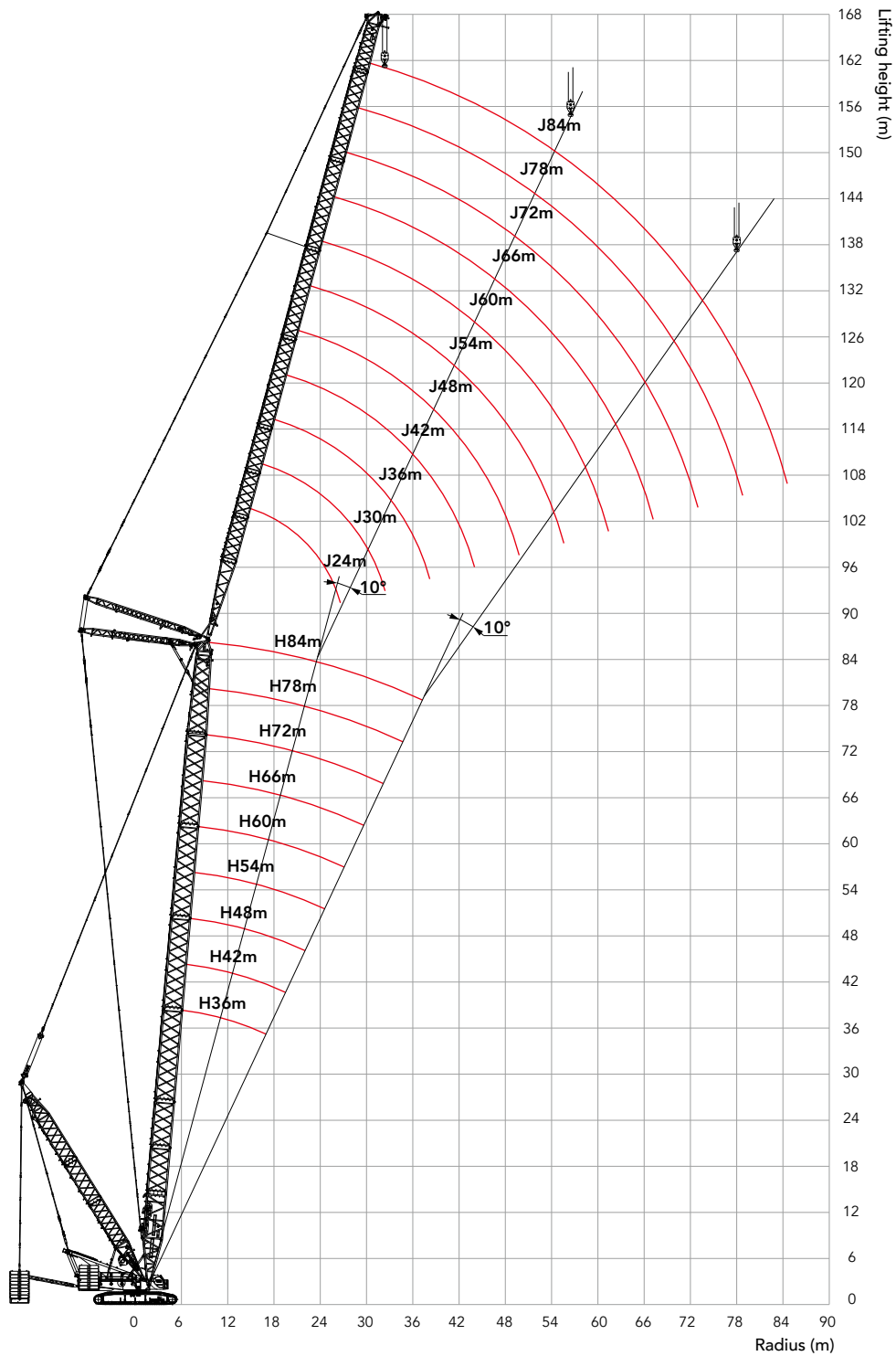
Notes:

1. Meet ISO 4305 standard.

2. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJ (Boom angle 85°, Jib 24~66m, Rear counterweight 180t, Carbody counterweight 50t) 5/5									
Boom 60m									
Radius (m)	24	30	36	42	48	54	60	66	Radius (m)
16	134								16
18	120	116	113						18
20	108	105	102	99.4					20
22	98.5	95.8	93.2	90.7	88.2				22
24	90.3	88	85.5	83.3	81	76.5			24
26	81.8	81.2	79	77	74.8	72.9	65.5	58.7	26
28	74.7	74.2	73.3	71.4	69.4	67.6	63.3	56.8	28
30		68.2	67.6	66.6	64.7	63	60.6	55	30
32		63	62.4	61.8	60.5	58.9	57.2	52.8	32
34		58.5	58	57.4	56.7	55.2	53.6	50.9	34
36			54	53.5	52.8	51.9	50.3	48.7	36
38			50.5	50	49.3	48.8	47.4	46.1	38
40			47.3	46.9	46.3	45.7	44.7	43.5	40
44				41.5	41	40.5	39.8	38.9	44
48					36.6	36.1	35.4	34.9	48
52						32.4	31.8	31.3	52
56						29.3	28.7	28.2	56
60							26	25.5	60
64								22.9	64
68									68
72									72

Working Radius in LJDB



Unit: t

Load Chart of LJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJDB (Boom angle 85°, Jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, Carbody counterweight 50t) 1/9												
Boom 36m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
14	233*											14
16	229*	212*	189*									16
18	224*	210*	189*	156*								18
20	210*	200*	188*	156*	134*							20
22	194	188	177*	156*	132*	116*	99*					22
24	193	188	174	156*	130*	114*	97.4*	84.2*				24
26	175	178	162	151*	127*	111*	95.2*	82.8*	70.4*			26
28		163	152	143*	126*	107*	93*	81*	69.8*	59.5*		28
30		149	142	136*	125*	104*	90.2*	79.2*	68.7*	59.1*	49.7*	30
32		133	135	130*	124*	102*	87.5*	77.4*	67.1*	58.6*	49.2*	32
34			129	124	119*	101*	84.7*	75.5*	65.9*	57.9*	48.8*	34
36			118	119*	114*	101*	83*	73.3*	64.3*	56.9*	48.4*	36
38			107	111*	109*	96.9*	82.3*	71*	62.7*	55.8*	48*	38
40				102*	105*	92.4*	81.1*	68.8*	60.9*	54.5*	47.6*	40
44					90.8*	84.8*	73.8*	64*	57.5*	52.1*	45.8*	44
48					82.1*	77.3*	67.2*	59.3*	54.2*	49.2*	43.7*	48
52						70.8*	61.3*	54.7*	50.2*	46.4*	41.6*	52
56							55.9*	49.9*	46.7*	43.4*	39.4*	56
60							51.7*	45.6*	43*	40.5*	36.4*	60
64								41.4*	39.6*	37.8*	33*	64
68									36.5*	35.1*	29.8*	68
72										32.4*	26.6*	72
76										29.7*	23.7*	76
80											21.3*	80

Load Chart of LJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJDB (Boom angle 85°, Jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, Carbody counterweight 50t) 2/9												
Boom 42m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
14	229*											14
16	227*	205*										16
18	222*	205*	174*	147*								18
20	208*	197*	174*	144*	129*							20
22	194	185*	173*	143*	126*	109*						22
24	188	175	167*	143*	122*	106*	91.2*					24
26	173	165	157*	142*	117*	103*	88.8*	77.7*	66.4*			26
28	163	156	150*	140*	116*	99.2*	86.8*	76.1*	66.1*	56.2*		28
30		148	142*	137*	116*	96*	84.3*	74.5*	64.7*	55.8*	47*	30
32		139*	136*	130*	115*	95.5*	81.8*	72.4*	63.2*	55.5*	46.7*	32
34			130*	122*	113*	94.8*	78.8*	70.3*	61.8*	54.9*	46.3*	34
36			121*	116*	108*	94*	78.3*	68.3*	60.4*	53.7*	46*	36
38			111*	109*	102*	93.3*	77.7*	66.2*	58.6*	52.4*	45.7*	38
40				102*	96.9*	90.8*	77.1*	64.1*	57.2*	51.2*	45.1*	40
44				90.1*	87.2*	82.4*	74.4*	63.1*	53.7*	48.5*	43.2*	44
48					77.7*	74.7*	67.6*	58.1*	49.9*	45.8*	40.9*	48
52						67.8*	61.9*	52.5*	46.2*	42.9*	38.9*	52
56							56.3*	47.9*	42.6*	39.9*	36.4*	56
60							51.8*	43.8*	39.2*	37.2*	34*	60
64								40*	35.9*	34.3*	31.8*	64
68									32.7*	31.6*	29.5*	68
72										28.9*	27*	72
76										26.6*	24.2*	76
80											21.8*	80

Unit: t

Load Chart of LJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJDB (Boom angle 85°, Jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, Carbody counterweight 50t) 3/9												
Boom 48m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
14	224*											14
16	221*	190*										16
18	216*	190*	167*									18
20	202*	190*	159*	138*	119*							20
22	190*	181*	156*	133*	116*	100*						22
24	179*	171*	154*	130*	112*	97.2*	84.9*					24
26	169*	161*	152*	129*	107*	94.6*	82.7*	72.5*				26
28	161*	153*	143*	127*	107*	91.4*	80.5*	71.1*	61.7*	52.7*		28
30		144*	134*	125*	106*	89.2*	78.3*	69.2*	60.7*	52.5*	44.3*	30
32		133*	126*	118*	105*	88.5*	75.5*	67.3*	59.4*	52.2*	44*	32
34		124*	118*	111*	103*	87.9*	73.7*	65.4*	57.8*	51.4*	43.8*	34
36			109*	105*	98.2*	87.2*	73.2*	63.2*	56.1*	50.3*	43.5*	36
38			102*	98.1*	93.3*	86.3*	72.7*	60.9*	54.5*	49.2*	43.2*	38
40				92.1*	88.4*	82.9*	72.1*	60.4*	52.9*	47.8*	42.3*	40
44				81.1*	78.7*	75*	70.4*	59.5*	49.7*	45*	40.3*	44
48					70*	67.8*	64.4*	58.3*	48.9*	42.3*	38*	48
52						60.8*	58.5*	52.9*	44.8*	39.4*	35.8*	52
56							53.2*	48.4*	40.7*	36.5*	33.3*	56
60							48.1*	44.1*	36.7*	33.7*	31.1*	60
64								40.1*	33.1*	30.8*	28.8*	64
68									29.9*	28.1*	26.7*	68
72									27*	25.6*	24.5*	72
76										23.4*	22.6*	76
80											20.6*	80

Load Chart of LJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJDB (Boom angle 85°, Jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, Carbody counterweight 50t) 4/9												
Boom 54m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
16	204*	182*										16
18	201*	173*	150*									18
20	195*	168*	144*	126*								20
22	184*	164*	139*	121*	106*							22
24	174*	159*	138*	117*	102*	90.1*	78.7*					24
26	162*	151*	135*	116*	98.5*	87.1*	76.8*	67.6*				26
28	150*	141*	131*	115*	97.7*	84.2*	74.7*	66.3*	57.8*			28
30		130*	123*	113*	96.8*	82.2*	72.2*	64.6*	56.7*	49.1*	41.5*	30
32		122*	115*	108*	95.6*	81.6*	69.7*	62.5*	55.2*	48.9*	41.3*	32
34		112*	108*	102*	94.4*	80.8*	68.5*	60.7*	54.1*	48.2*	41.1*	34
36			100*	95.7*	90.2*	80.1*	68*	58.6*	52.3*	47.2*	40.9*	36
38			93.6*	90.1*	85.6*	79.2*	67.4*	57*	50.7*	45.9*	40.7*	38
40				84.5*	80.9*	76*	66.9*	56.6*	49.2*	44.6*	39.8*	40
44				74.6*	72*	69*	64.9*	55.7*	47.1*	41.8*	37.6*	44
48					64.4*	62.2*	59.1*	54.7*	46.3*	39*	35.4*	48
52						55.6*	54*	51.2*	45.1*	38.3*	33*	52
56						50.2*	48.9*	46.9*	40.8*	34.1*	30.7*	56
60							44.1*	42.6*	36.9*	30.5*	28.6*	60
64								39*	33.2*	28*	26.2*	64
68									30.2*	25.5*	24.1*	68
72									27.4*	23.1*	22.2*	72
76										21*	20.2*	76
80											18.5*	80

Unit: t

Load Chart of LJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJDB (Boom angle 85°, Jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, Carbody counterweight 50t) 5/9												
Boom 60m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
16	187*											16
18	175*	155*	135*									18
20	170*	148*	130*	114*								20
22	164*	144*	125*	110*	97.1*							22
24	158*	140*	122*	105*	93.2*	82.9*						24
26	146*	136*	120*	104*	89.8*	80.2*	70.9*	62.8*				26
28	135*	127*	117*	103*	88.6*	77.4*	69*	61.3*	53.6*			28
30		119*	111*	101*	87.5*	75.2*	66.7*	59.7*	52.6*	45.8*		30
32		110*	104*	97.7*	86.3*	74.6*	64.3*	57.7*	51.6*	45.6*	38.5*	32
34		102*	97.5*	92.2*	85*	73.7*	63.2*	56.1*	49.9*	44.7*	38.3*	34
36			91.2*	86.8*	81.7*	72.8*	62.6*	53.8*	48.5*	43.8*	38.2*	36
38			85.2*	82.1*	77.8*	71.9*	62*	53.2*	46.8*	42.4*	37.8*	38
40			79.6*	77*	73.5*	69.5*	61.4*	52.7*	45.1*	41.2*	36.8*	40
44				67.9*	65.6*	62.8*	59.1*	51.8*	44.1*	38.5*	34.7*	44
48					58.1*	56.4*	54*	50.8*	43.3*	36.6*	32.7*	48
52						50.6*	48.7*	46.6*	42.5*	36*	30.2*	52
56						45.6*	44.3*	42.5*	40.4*	34.4*	28.1*	56
60							40*	38.5*	36.9*	31*	25.8*	60
64								35.3*	33.6*	27.6*	23.7*	64
68									30.4*	24.4*	21.7*	68
72									27.6*	21.8*	19.7*	72
76										19.3*	17.8*	76
80											16.2*	80
84											14.7*	84

Load Chart of LJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJDB (Boom angle 85°, Jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, Carbody counterweight 50t) 6/9												
Boom 66m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
16	166*											16
18	156*	139*										18
20	146*	131*	117*	103*								20
22	140*	124*	111*	99.6*	88.7*							22
24	135*	120*	106*	95.6*	85.6*	76.1*						24
26	130*	116*	103*	90.9*	81.9*	73.5*	65.3*					26
28	123*	113*	101*	89*	78.6*	70.9*	63.6*	56.8*	49.5*			28
30	115*	107*	98*	87.2*	76.5*	68.2*	61.4*	55.1*	49.2*	42.3*		30
32		100*	94*	85.3*	75.2*	65.6*	59.2*	53.5*	47.9*	42.1*	35.7*	32
34		93.6*	88.7*	83.4*	74*	64.8*	56.9*	51.7*	46.3*	41.8*	35.5*	34
36			83.1*	78.8*	72.7*	63.9*	55.8*	49.8*	45*	40.7*	35.4*	36
38			77.8*	74.6*	70.2*	63*	55.2*	47.9*	43.4*	39.3*	35*	38
40			73.4*	70*	66.7*	62*	54.5*	47.2*	41.8*	38.2*	34.1*	40
44				62*	59.6*	57.1*	53.2*	46.2*	39.7*	35.5*	32.2*	44
48					53.3*	51.5*	48.8*	45.2*	38.9*	33.2*	30.1*	48
52						46.2*	44.6*	42.3*	38.2*	32.6*	28*	52
56						41.7*	40.2*	38.5*	36.5*	31.9*	26.9*	56
60							36.3*	35.1*	33.6*	30.8*	24.9*	60
64								32.1*	30.7*	27.6*	21.9*	64
68								29.3*	28.2*	24.6*	19.7*	68
72									25.8*	22*	17.9*	72
76										19.6*	16.1*	76
80											14.6*	80
84											13.2*	84

Unit: t

Load Chart of LJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJDB (Boom angle 85°, Jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, Carbody counterweight 50t) 7/9												
Boom 72m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
16	147*											16
18	139*	124*										18
20	131*	118*	106*									20
22	123*	112*	101*	90.6*								22
24	118*	106*	95.3*	86.8*	78*	69.6*						24
26	114*	103*	91.7*	82.4*	75*	67.2*	60.1*					26
28	110*	99.2*	89.2*	79.4*	71.4*	65.1*	58.4*	52.2*				28
30	104*	95.9*	86.7*	77.7*	68.7*	62.2*	56.3*	50.8*	45.1*	38.7*		30
32		91.7*	84.2*	75.8*	67.4*	59.6*	54.2*	49.1*	44*	38.6*	32.6*	32
34		85.7*	81.1*	74*	66.1*	58.8*	52.1*	47.3*	42.8*	38.5*	32.5*	34
36		80.3*	75.9*	72.1*	64.7*	57.8*	50.7*	45.8*	41.3*	37.5*	32.4*	36
38			71.6*	68*	63.6*	56.9*	50*	43.7*	40*	36.2*	32.2*	38
40			67*	64.2*	61.1*	55.8*	49.4*	43.1*	38.3*	35.2*	31.5*	40
44				57.2*	54.8*	52.3*	47.9*	42.1*	36.4*	32.6*	29.6*	44
48					49*	47.1*	44.7*	40.9*	35.6*	30.6*	27.6*	48
52					44*	42.5*	40.7*	38.7*	34.8*	29.9*	25.5*	52
56						38.3*	36.8*	35.4*	33.5*	29.2*	25*	56
60							33.2*	32.1*	30.6*	28.6*	24.4*	60
64								29.3*	28.1*	26.8*	22*	64
68								26.7*	25.7*	24.4*	19.3*	68
72									23.5*	22*	16.7*	72
76										19.7*	14.5*	76
80											13*	80
84											11.6*	84

Load Chart of LJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJDB (Boom angle 85°, Jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, Carbody counterweight 50t) 8/9												
Boom 78m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
18	125*	112*										18
20	118*	106*	95.1*									20
22	111*	101*	91.4*	82.4*								22
24	103*	94.9*	86.9*	78.9*	70.8*							24
26	97.3*	88.6*	81.8*	75.3*	68.4*	61.5*	55.2*					26
28	93.7*	84.9*	77.3*	71.2*	65.5*	59.5*	53.7*	47.9*				28
30	90.6*	82.1*	74.3*	67.5*	62.2*	57.1*	51.7*	46.6*	40.9*			30
32		79.3*	72*	65.5*	59.2*	54.7*	49.8*	45.2*	40.5*	35*	29.6*	32
34		76.8*	69.9*	63.8*	57.4*	51.9*	47.8*	43.6*	39.4*	34.8*	29.5*	34
36		73.8*	67.8*	62.1*	56.1*	50.1*	45.7*	41.9*	38*	34.4*	29.3*	36
38			65.5*	60.4*	54.8*	49.2*	43.7*	40.2*	36.6*	33.4*	29.2*	38
40			61.4*	58.5*	53.5*	48.2*	42.9*	38.5*	35.4*	32.3*	29*	40
44				52.2*	49.9*	46.2*	41.4*	36.7*	32.5*	30*	27.2*	44
48					44.9*	43*	39.9*	35.4*	31*	27.6*	25.1*	48
52					40.5*	38.8*	37*	34.3*	30.4*	26.4*	23.3*	52
56						35*	33.5*	32.1*	29.4*	25.7*	22*	56
60							30.5*	29.2*	27.7*	25*	21.5*	60
64								26.6*	25.4*	24.1*	20.9*	64
68								24.3*	23.2*	22.2*	19.5*	68
72									21.3*	20.3*	16.9*	72
76										18.6*	14.7*	76
80										17.1*	12.6*	80
84											10.6*	84

Unit: t

Load Chart of LJDB

Notes:

1. Meet ISO 4305 standard.
2. The data in the table plus * indicates that the superlift counterweight is putting on firm and level ground.
3. The rated capacity in the load charts includes the weight of lifting hook, etc.; therefore, the actual rated capacity is the value after deducting the weight of lifting tools (such as lifting hook), from the rated load in the load charts.

Load chart - LJDB (Boom angle 85°, Jib 24~84m, Superlift radius 15m, Superlift counterweight 250t, Rear counterweight 140t, Carbody counterweight 50t) 9/9												
Boom 84m												
Radius (m)	24	30	36	42	48	54	60	66	72	78	84	Radius (m)
18	111*											18
20	106*	95.8*	85.7*									20
22	99.7*	90.8*	82.3*	74.1*								22
24	92.8*	85.7*	78.7*	71.4*	64.5*							24
26	86.8*	80.6*	74.6*	68.5*	62.3*	56.1*						26
28	82.7*	75.5*	70*	65.1*	59.5*	54.2*	49*	42.9*				28
30	79.8*	72.9*	66.3*	61.3*	56.8*	52*	47.2*	42.6*	36.6*			30
32		70.4*	64.2*	58.3*	54*	49.7*	45.4*	41.2*	36.4*	31.3*		32
34		68.1*	62.2*	56.7*	51.2*	47.4*	43.7*	39.8*	35.9*	31.1*	26.4*	34
36		66.1*	60.3*	55.1*	50*	45.1*	41.8*	38.5*	34.8*	30.9*	26.2*	36
38			58.5*	53.6*	48.6*	43.9*	39.9*	36.6*	33.5*	30.5*	26*	38
40			56.7*	52*	47.4*	42.9*	38.4*	35.3*	32.2*	29.6*	25.8*	40
44				48.4*	45*	40.9*	36.8*	32.8*	29.6*	27.3*	24.7*	44
48				43.6*	41.5*	39*	35.2*	31.7*	28*	25.1*	22.9*	48
52					37.3*	35.7*	33.7*	30.5*	27.1*	23.6*	21.1*	52
56						32.4*	30.8*	29.3*	26.1*	22.9*	19.7*	56
60							28*	26.8*	25.2*	22.1*	19.1*	60
64							25.6*	24.4*	23.2*	21.4*	18.5*	64
68								22.3*	21.3*	20.1*	17.8*	68
72									19.5*	18.5*	17*	72
76										16.9*	14.9*	76
80										15.5*	12.9*	80
84											11*	84



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