



# SCE6000A

## Crawler Crane

Quality Changes the World



**Max. lifting moment: 7200t·m**

**Longest boom: 84m**

**Longest boom+jib: 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 SCE6000A

|     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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**SCE6000A**  
**SANY CRAWLER CRANE**  
**600 TONS LIFTING CAPACITY**

QUALITY CHANGES THE WORLD

## Main Characteristics

- Page 04 Product Specification
- Page 07 Safety Devices

## Product Specification



### Engine

- Model: X15 Cummins America (compiled with European Non-road Tier VI Emission Standard).
- Type: Water-cooled, vertical in-line 6 cylinders, electrical control, turbo-charger, charge air cooling system.
- Displacement: 15L.
- Rated power: 447kW/1800rpm.
- Operation power: 447kW/1800rpm.
- Max. Torque: 2779N·m/1400rpm.
- Starter: 24V-8.5kW.
- Batteries: Four 12V×180Ah capacity batteries.
- Fuel tank capacity: 1000L.

### Electrical control system

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

### Hydraulic system

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

### Cab and control

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

### Closed circuit camera system

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



## 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 300t, dual main hoists work at the same time for load exceeding 300t; When single rope pull of any main hoist is larger than 6t, the synchronization function acts, winching speed of out most layer reaches 140m/min, and the largest parts of line is 40. Multiple layers of wire rope on fold-line drum can avoid messing rope. The gearbox is quiet and efficient, with longer service life and convenient fuel change.

|                                       |                                        |            |
|---------------------------------------|----------------------------------------|------------|
| Main<br>load hoist<br>mechanism<br>I  | Drum diameter                          | 630mm      |
|                                       | Rope speed on the outermost work layer | 0~140m/min |
|                                       | Wire rope diameter                     | 28mm       |
|                                       | Wire rope length of main hoist I       | 1000m      |
|                                       | Rated single line pull                 | 17.8t      |
| Main<br>load hoist<br>mechanism<br>II | Drum diameter                          | 630mm      |
|                                       | Rope speed on the outermost work layer | 0~140m/min |
|                                       | Wire rope diameter                     | 28mm       |
|                                       | Wire rope length of main hoist II      | 1000m      |
|                                       | Rated single line pull                 | 17.8t      |

### Boom/jib/superlift hoist mechanism

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

|                                           |                                        |               |
|-------------------------------------------|----------------------------------------|---------------|
| Boom<br>hoist<br>mechanism                | Drum diameter                          | 630mm         |
|                                           | Rope speed on the outermost work layer | (0~70)×2m/min |
|                                           | Wire rope diameter                     | 28mm          |
|                                           | Wire rope length of boom hoisting      | 600m          |
| Jib<br>luffing<br>mechanism               | Drum diameter                          | 630mm         |
|                                           | Rope speed on the outermost work layer | 0~110m/min    |
|                                           | Wire rope diameter                     | 28mm          |
|                                           | Wire rope length of jib luffing        | 730m          |
| Superlift<br>mast<br>luffing<br>mechanism | Drum diameter                          | 630mm         |
|                                           | Rope speed on the outermost work layer | 0~110m/min    |
|                                           | Wire rope diameter                     | 28mm          |
|                                           | Wire rope length of superlift luffing  | 800m          |

### Swing mechanism

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

### Carbody

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

### Crawler assembly

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

### Operation equipments

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

## Product Specification



### Counterweight

- Counterweight include carbody counterweight, rear counterweight, superlift counterweight and additional rear 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       | 0.45       | 10              |
| Rear counterweight tray            | 2        | 3.18       | 2.83      | 1.8        | 10              |
| Rear counterweight block           | 20       | 2.85       | 2.4       | 0.45       | 10              |
| Rear counterweight block           | 2        | 2.85       | 2.4       | 0.255      | 5               |
| Superlift counterweight tray       | 1        | 8.6        | 2.5       | 1.85       | 10              |
| Superlift counterweight block      | 20       | 2.85       | 2.4       | 0.45       | 10              |
| Additional rear counterweight tray | 1        | 3.54       | 2.95      | 2.74       | 7.29            |

### Boom

- The boom is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load.
- The length of the boom ranges from that (24m) of the base boom to the maximum length (84m) and it can be increased progressively by 6m.
- Composition: Boom base 12m×1, transitional insert 10.5m×1, connecting section (boom top) 1.5m×1, boom insert 6m×2, and boom insert 12m×4.
- Optional offers: 3m boom(for wind energy configuration), 72m power boom (12m×5+6m×2).
- The extension jib can install on the boom top.

### Fixed jib

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

### Luffing jib

- The luffing jib is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load.
- The length of the luffing jib ranges from 24m to 84m.
- Composition: Jib base 9m×1, jib insert 6m×3, jib insert 12m×4, and jib top 9m×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

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

| Hook          | Maximum lifting capacity | Quantity | Number of pulleys | Basic weight | Recommended weight | CW block number of recommended weight |
|---------------|--------------------------|----------|-------------------|--------------|--------------------|---------------------------------------|
| 500t          | 500t                     | 1        | 2×13              | 11.53t       | 11.53t             | -                                     |
| 350t          | 350t                     | 1        | 2×7               | 8.04t        | 11.2t              | 4                                     |
| 180t          | 180t                     | 1        | 2×3               | 4.85t        | 8.01t              | 4                                     |
| 160t          | 160t                     | 1        | 5                 | 2.51t        | 4.09t              | 2                                     |
| 50t           | 50t                      | 1        | 1                 | 1.45t        | 1.45t              | -                                     |
| 16t ball hook | 16t                      | 1        | -                 | 0.94t        | 0.94t              | -                                     |

Note:

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

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

## Safety Devices



### Operating weight

- The operating weight is about 490t, including the upperworks, lowerworks, rear counterweight of basic machine, carbody counterweight, 24m basic boom and 500t hook.

### Ground bearing pressure

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

### Gradeability

- The gradeability of machine with basic boom is 30%.

### Load moment limiter

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

### Over-hoist protection of the main and auxiliary hooks

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

### Over-release protection device of the main and auxiliary hook

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

### Assembly/work mode switchover

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

### Boom angle limit

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

### Back-stop device

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

### Brake of hoisting mechanism

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

### CCTV monitoring system

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

## Safety Devices



### Failure auto-diagnosis system

- Failure code can help troubleshooting easily.

### Black box

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

### Pharos

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

### Anemometer

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

### Electronic level indicator

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

### Lightning protection device

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

### Hook latch

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

### Swing and traveling alarm

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

### Function lock

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

### Regulation of engine power ultimate load and stalling protection

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

### Engine status monitoring

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

### Remote monitoring system

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

### Emergent stop

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



**SCE6000A**  
**SANY CRAWLER CRANE**  
**600 TONS LIFTING CAPACITY**

QUALITY CHANGES THE WORLD

## Technical Parameters

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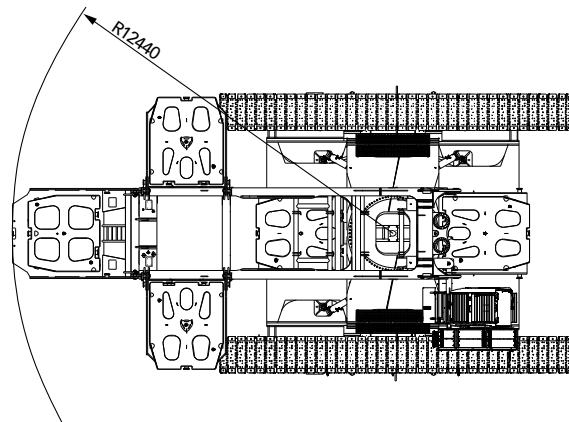
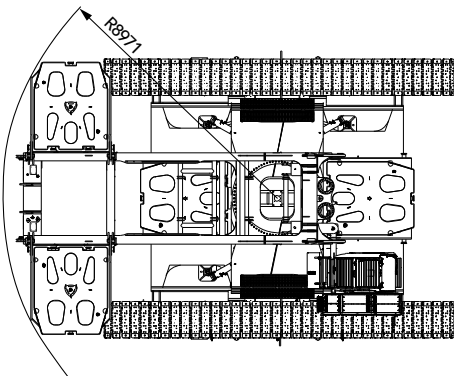
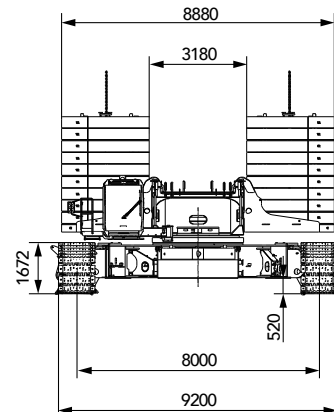
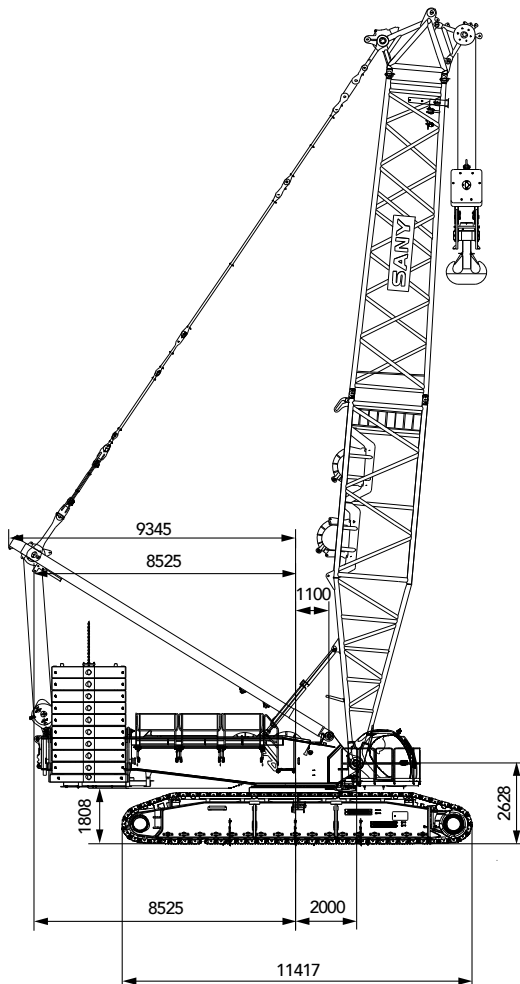


## Main Performance Parameters

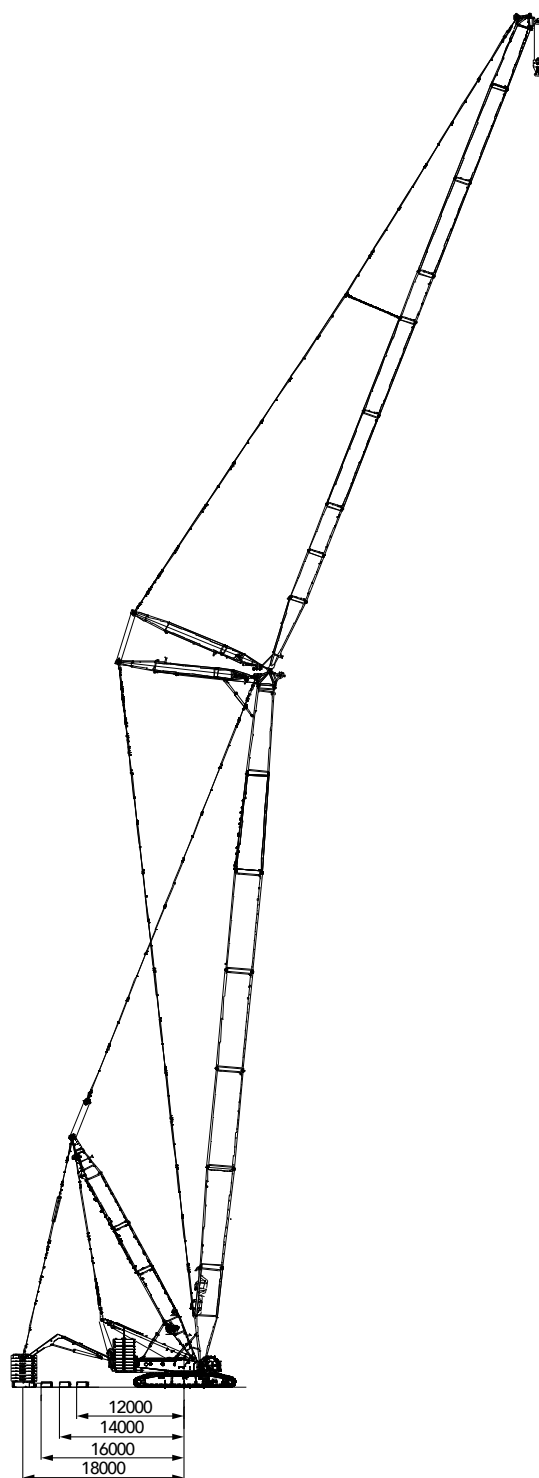
| Major Performance & Specifications of SCE6000A                                                                        |          |                                                  |
|-----------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------|
| Performance Indicators                                                                                                | Unit     | Parameter                                        |
| Max. rated lifting capacity                                                                                           | t        | 600                                              |
| Max. rated lifting capacity (with superlift)                                                                          | t        | 600                                              |
| Max. rated lifting moment                                                                                             | t·m      | 3528                                             |
| Max. rated lifting moment (with superlift)                                                                            | t·m      | 7200                                             |
| Boom length                                                                                                           | m        | 48~84                                            |
| Boom length (with superlift)                                                                                          | m        | 48~138                                           |
| 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        | 102+12                                           |
| Mixed power boom+ fixed jib ( with superlift)                                                                         | m        | 132+12                                           |
| Boom hoisting angle                                                                                                   | °        | 30~85                                            |
| Jib luffing angle                                                                                                     | °        | 25~75                                            |
| Max. speed of single rope of the main load hoist                                                                      | m/min    | 0~140                                            |
| Max. speed of single rope of the aux.load hoist                                                                       | m/min    | 0~140                                            |
| Max. speed of single rope of the boom hoisting                                                                        | m/min    | (0~70)×2                                         |
| Max. speed of single rope of the jib luffing                                                                          | m/min    | 0~110                                            |
| Max. speed of single rope of the superlift luffing                                                                    | m/min    | 0~110                                            |
| Slewing speed (no load)                                                                                               | r/min    | 0~0.86                                           |
| Travel speed                                                                                                          | km/h     | 0~1(high)/0~0.35(low)                            |
| Gradeability (with base boom, driver's cab backwards)                                                                 | %        | 30                                               |
| Rated output power of the engine                                                                                      | kW/r/min | 447/1800                                         |
| Average ground pressure of the crawler (basic boom, 200t rear counterweight, 50t carbody counterweight and 650t hook) | MPa      | 0.185                                            |
| Rear counterweight                                                                                                    | t        | 230/160 (without superlift)/160 (with superlift) |
| Superlift counterweight                                                                                               | t        | 210                                              |
| Carbody counterweight                                                                                                 | t        | 50                                               |
| Maximum transport dimensions of single piece (L × W × H)                                                              | mm       | 12900×3000×3200                                  |
| Maximum transport weight of single piece                                                                              | t        | 57.7                                             |
| Transport weight of basic machine (with basic boom, 200t rear counterweight, 50t carbody counterweight and 650t hook) | t        | 490                                              |

Unit: mm

## Outline Dimension



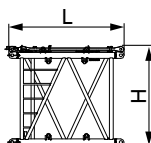
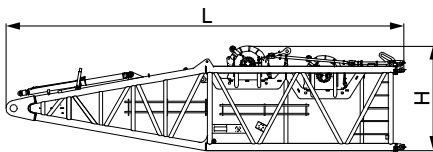
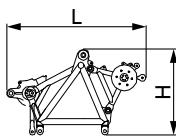
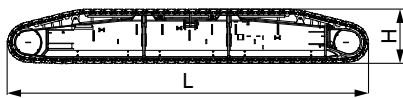
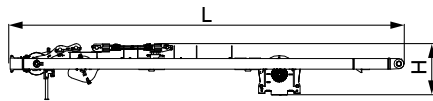
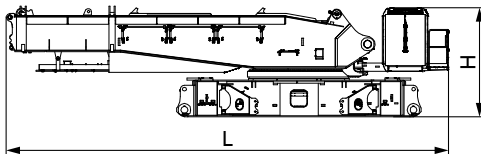
## Outline Dimension



## Transport Dimension

Note:

1. The transport dimensions of each part in the table are schematic, not proportional to the real parts. The dimensions are designed value without package considered.
2. Weight is designed value that the actual manufactured part may deviate a little.
3. The dimensions and weight of each part may change due to product upgrading. The final values are subject to the new product.



| Basic machine | ×1     |
|---------------|--------|
| Length (L)    | 12.90m |
| Width (W)     | 3.00m  |
| Height (H)    | 3.20m  |
| Weight        | 57.70t |

| Boom hoisting mast (with winch) | ×1     |
|---------------------------------|--------|
| Length (L)                      | 12.30m |
| Width (W)                       | 2.20m  |
| Height (H)                      | 1.75m  |
| Weight                          | 17.90t |

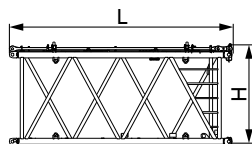
| Crawler assembly | ×2     |
|------------------|--------|
| Length (L)       | 11.40m |
| Width (W)        | 1.75m  |
| Height (H)       | 1.67m  |
| Weight           | 39.20t |

| Boom tip (with pulley blocks) | ×1    |
|-------------------------------|-------|
| Length (L)                    | 3.85m |
| Width (W)                     | 3.00m |
| Height (H)                    | 2.38m |
| Weight                        | 6.40t |

| Boom base (with the load hoisting winches) | ×1     |
|--------------------------------------------|--------|
| Length (L)                                 | 12.34m |
| Width (W)                                  | 3.00m  |
| Height (H)                                 | 3.25m  |
| Weight                                     | 26.10t |

| 3m boom insert | ×1    |
|----------------|-------|
| Length (L)     | 3.20m |
| Width (W)      | 3.00m |
| Height (H)     | 2.77m |
| Weight         | 1.84t |

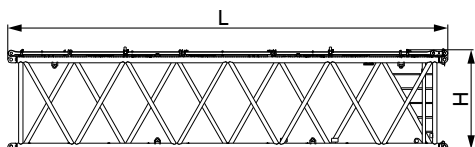
## Transport Dimension



### 6m boom insert

×2

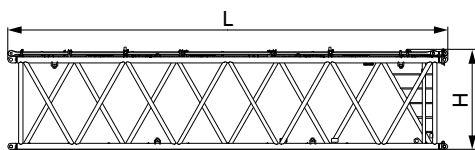
|            |       |
|------------|-------|
| Length (L) | 6.20m |
| Width (W)  | 3.00m |
| Height (H) | 2.82m |
| Weight     | 3.01t |



### 12m boom insert A

×1

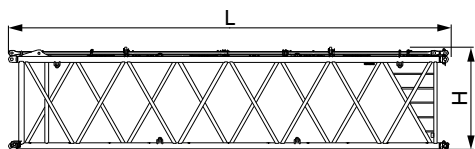
|            |        |
|------------|--------|
| Length (L) | 12.20m |
| Width (W)  | 3.00m  |
| Height (H) | 2.82m  |
| Weight     | 5.97t  |



### 12m boom insert B

×2

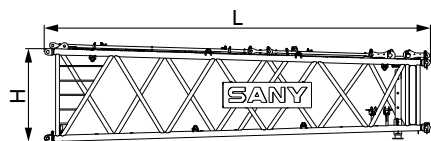
|            |        |
|------------|--------|
| Length (L) | 12.20m |
| Width (W)  | 3.00m  |
| Height (H) | 2.82m  |
| Weight     | 5.26t  |



### 12m boom insert C

×1

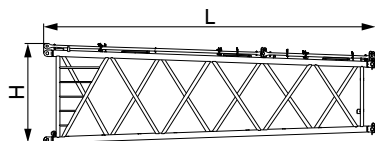
|            |        |
|------------|--------|
| Length (L) | 12.20m |
| Width (W)  | 3.00m  |
| Height (H) | 2.82m  |
| Weight     | 5.97t  |



### Tapered boom insert

×1

|            |        |
|------------|--------|
| Length (L) | 10.70m |
| Width (W)  | 3.00m  |
| Height (H) | 2.78m  |
| Weight     | 7.39t  |

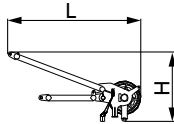


### Tapered insert of mixed boom

×1

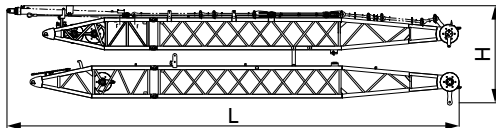
|            |       |
|------------|-------|
| Length (L) | 9.19m |
| Width (W)  | 3.00m |
| Height (H) | 2.78m |
| Weight     | 3.55t |

## Transport Dimension



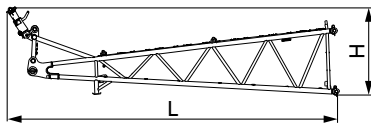
### Extension jib ×1

|            |       |
|------------|-------|
| Length (L) | 2.83m |
| Width (W)  | 1.70m |
| Height (H) | 1.50m |
| Weight     | 0.46t |



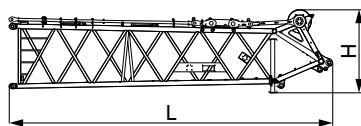
### Front and rear mast of luffing jib ×1

|            |        |
|------------|--------|
| Length (L) | 16.80m |
| Width (W)  | 3.00m  |
| Height (H) | 1.71m  |
| Weight     | 11.05t |



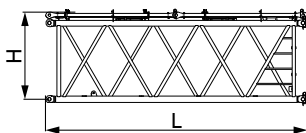
### Luffing jib base ×1

|            |       |
|------------|-------|
| Length (L) | 9.84m |
| Width (W)  | 2.65m |
| Height (H) | 2.59m |
| Weight     | 3.95t |



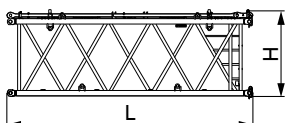
### Luffing jib top ×1

|            |       |
|------------|-------|
| Length (L) | 9.75m |
| Width (W)  | 2.54m |
| Height (H) | 2.50m |
| Weight     | 5.64t |



### 6m luffing jib insert A ×2

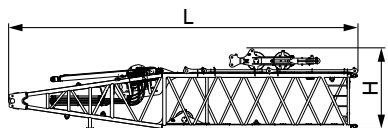
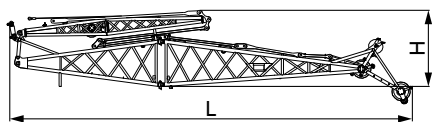
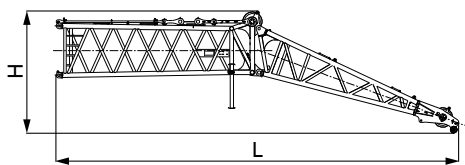
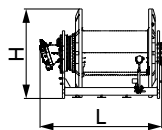
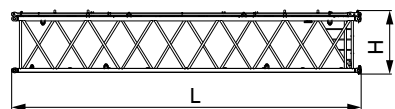
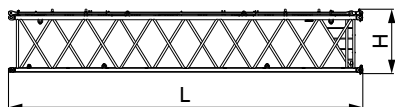
|            |       |
|------------|-------|
| Length (L) | 6.20m |
| Width (W)  | 2.54m |
| Height (H) | 2.15m |
| Weight     | 2.30t |



### 6m luffing jib insert B ×1

|            |       |
|------------|-------|
| Length (L) | 6.20m |
| Width (W)  | 2.54m |
| Height (H) | 2.15m |
| Weight     | 2.07t |

## Transport Dimension



### 12m luffing jib insert A

×2

|            |        |
|------------|--------|
| Length (L) | 12.20m |
| Width (W)  | 2.54m  |
| Height (H) | 2.15m  |
| Weight     | 4.07t  |

### 12m luffing jib insert B

×2

|            |        |
|------------|--------|
| Length (L) | 12.20m |
| Width (W)  | 2.54m  |
| Height (H) | 2.15m  |
| Weight     | 3.66t  |

### Jib luffing mechanism

×1

|            |       |
|------------|-------|
| Length (L) | 1.84m |
| Width (W)  | 1.41m |
| Height (H) | 1.23m |
| Weight     | 5.38t |

### Eagle tip

×1

|            |        |
|------------|--------|
| Length (L) | 14.70m |
| Width (W)  | 2.65m  |
| Height (H) | 4.45m  |
| Weight     | 8.75t  |

### Fixed jib assembly

×1

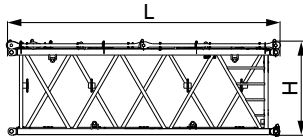
|            |        |
|------------|--------|
| Length (L) | 14.00m |
| Width (W)  | 2.40m  |
| Height (H) | 3.25m  |
| Weight     | 5.22t  |

### Superlift mast base (with superlift luffing winch)

×1

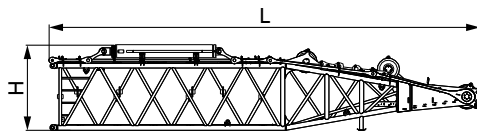
|            |        |
|------------|--------|
| Length (L) | 12.23m |
| Width (W)  | 2.61m  |
| Height (H) | 2.84m  |
| Weight     | 17.02t |

## Transport Dimension



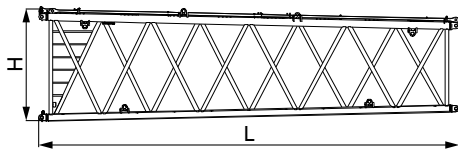
### Superlift mast insert ×1

|            |       |
|------------|-------|
| Length (L) | 6.21m |
| Width (W)  | 2.90m |
| Height (H) | 2.14m |
| Weight     | 2.97t |



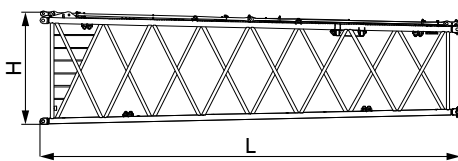
### Superlift mast top ×1

|            |        |
|------------|--------|
| Length (L) | 12.50m |
| Width (W)  | 2.96m  |
| Height (H) | 2.48m  |
| Weight     | 13.06t |



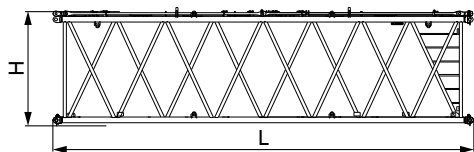
### 12m power boom lower transition insert ×1

|            |        |
|------------|--------|
| Length (L) | 12.20m |
| Width (W)  | 3.50m  |
| Height (H) | 3.25m  |
| Weight     | 8.4t   |



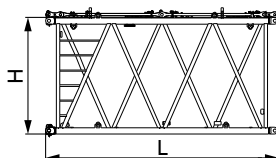
### 12m power boom upper transition insert ×1

|            |        |
|------------|--------|
| Length (L) | 12.20m |
| Width (W)  | 3.50m  |
| Height (H) | 3.25m  |
| Weight     | 7.7t   |



### 12m power boom insert B ×3

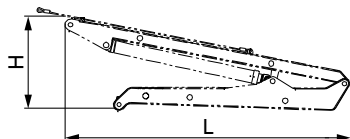
|            |        |
|------------|--------|
| Length (L) | 12.20m |
| Width (W)  | 3.50m  |
| Height (H) | 3.25m  |
| Weight     | 7.43t  |



### 6m power boom insert ×2

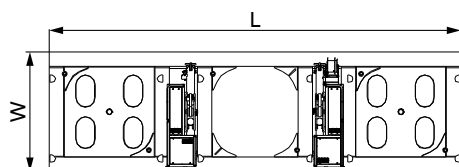
|            |       |
|------------|-------|
| Length (L) | 6.20m |
| Width (W)  | 3.50m |
| Height (H) | 3.25m |
| Weight     | 3.96t |

## Transport Dimension



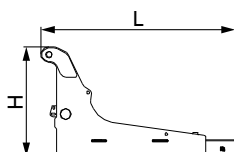
### Superlift counterweight mast ×1

|            |       |
|------------|-------|
| Length (L) | 5.96m |
| Width (W)  | 3.00m |
| Height (H) | 1.94m |
| Weight     | 5.45t |



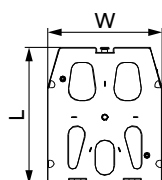
### Superlift counterweight tray ×1

|            |        |
|------------|--------|
| Length (L) | 8.60m  |
| Width (W)  | 2.50m  |
| Height (H) | 1.85m  |
| Weight     | 10.00t |



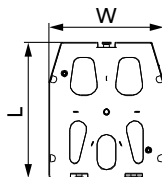
### Rear counterweight tray ×2

|            |        |
|------------|--------|
| Length (L) | 3.18m  |
| Width (W)  | 2.83m  |
| Height (H) | 1.80m  |
| Weight     | 10.00t |



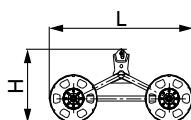
### 10t counterweight block ×42

|            |        |
|------------|--------|
| Length (L) | 2.85m  |
| Width (W)  | 2.40m  |
| Height (H) | 0.45m  |
| Weight     | 10.00t |



### 5t counterweight block ×2

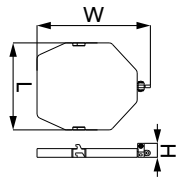
|            |       |
|------------|-------|
| Length (L) | 2.85m |
| Width (W)  | 2.40m |
| Height (H) | 0.25m |
| Weight     | 5.00t |



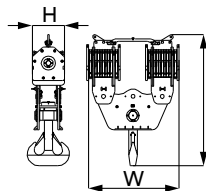
### Trolley ×1

|            |       |
|------------|-------|
| Length (L) | 3.00m |
| Width (W)  | 2.00m |
| Height (H) | 1.53m |
| Weight     | 1.09t |

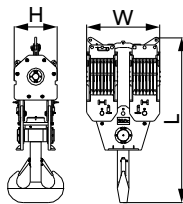
## Transport Dimension



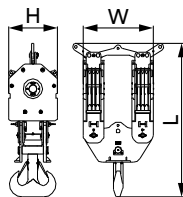
| Hook counterweight | ×8    |
|--------------------|-------|
| Length (L)         | 1.30m |
| Width (W)          | 1.00m |
| Height (H)         | 0.16m |
| Weight             | 0.79t |



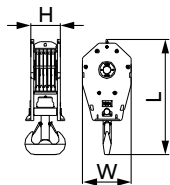
| 500t hook  | ×1     |
|------------|--------|
| Length (L) | 4.13m  |
| Width (W)  | 2.91m  |
| Height (H) | 1.00m  |
| Weight     | 11.53t |



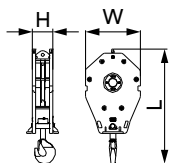
| 350t hook  | ×1    |
|------------|-------|
| Length (L) | 3.74m |
| Width (W)  | 1.72m |
| Height (H) | 1.00m |
| Weight     | 8.04t |



| 180t hook  | ×1    |
|------------|-------|
| Length (L) | 3.00m |
| Width (W)  | 1.43m |
| Height (H) | 1.00m |
| Weight     | 4.85t |

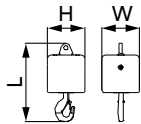


| 160t hook  | ×1    |
|------------|-------|
| Length (L) | 2.35m |
| Width (W)  | 1.00m |
| Height (H) | 0.60m |
| Weight     | 2.51t |



| 50t hook   | ×1    |
|------------|-------|
| Length (L) | 2.11m |
| Width (W)  | 1.00m |
| Height (H) | 0.38m |
| Weight     | 1.45t |

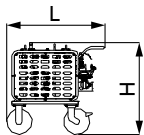
## Transport Dimension



### 16t hook

×1

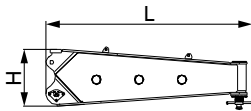
|            |       |
|------------|-------|
| Length (L) | 1.10m |
| Width (W)  | 0.53m |
| Height (H) | 0.53m |
| Weight     | 0.94t |



### Portable power pack

×1

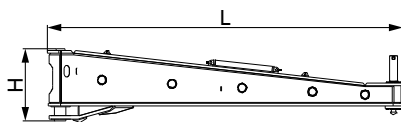
|            |       |
|------------|-------|
| Length (L) | 1.16m |
| Width (W)  | 0.77m |
| Height (H) | 1.09m |
| Weight     | 0.24t |



### Side outrigger

×2

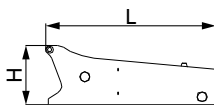
|            |       |
|------------|-------|
| Length (L) | 3.03m |
| Width (W)  | 2.94m |
| Height (H) | 1.05m |
| Weight     | 15.0t |



### Front outrigger

×1

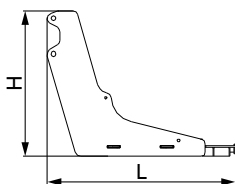
|            |       |
|------------|-------|
| Length (L) | 3.54m |
| Width (W)  | 2.95m |
| Height (H) | 2.74m |
| Weight     | 7.29t |



### Carbody counterweight tray

×2

|            |       |
|------------|-------|
| Length (L) | 3.62m |
| Width (W)  | 0.80m |
| Height (H) | 0.98m |
| Weight     | 1.61t |



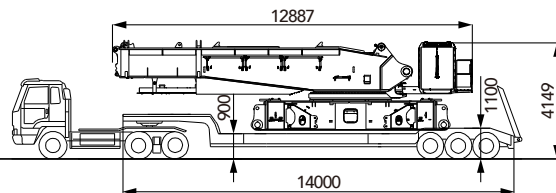
### Additional rear counterweight tray

×2

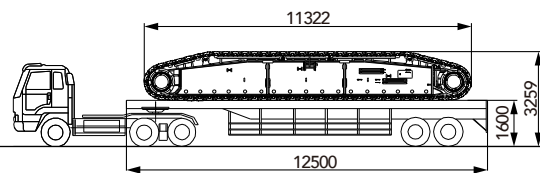
|            |       |
|------------|-------|
| Length (L) | 6.08m |
| Width (W)  | 0.43m |
| Height (H) | 1.18m |
| Weight     | 4.75t |

## Transport Plan

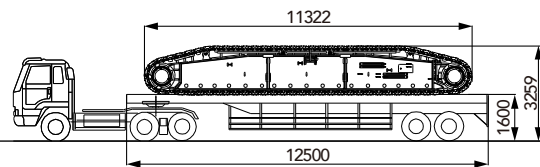
|                  |                                       |
|------------------|---------------------------------------|
| Trailer 1        | ▪ 14m*3m*1.1m (L*W*H), Rated load 60t |
| Transport weight | ▪ 58.7t                               |
| Part             | ▪ Basic machine                       |
| Truckload        | ▪ 1                                   |



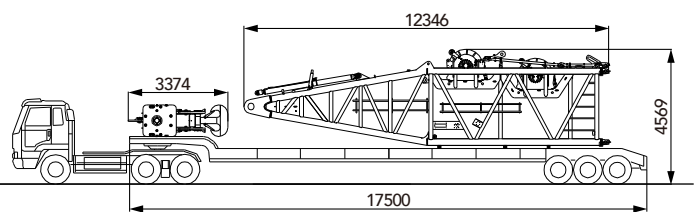
|                  |                                           |
|------------------|-------------------------------------------|
| Trailer 2        | ▪ 12.5m*2.5m*1.6m (L*W*H), Rated load 35t |
| Transport weight | ▪ 39.5t                                   |
| Part             | ▪ Crawler assembly                        |
| Truckload        | ▪ 1                                       |



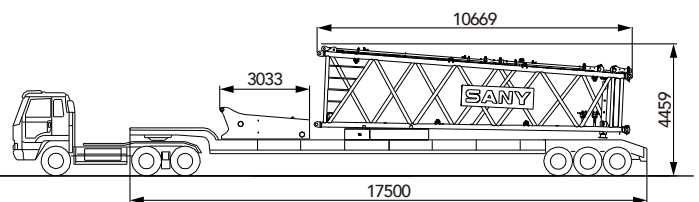
|                  |                                           |
|------------------|-------------------------------------------|
| Trailer 3        | ▪ 12.5m*2.5m*1.6m (L*W*H), Rated load 35t |
| Transport weight | ▪ 39.2t                                   |
| Part             | ▪ Crawler assembly                        |
| Truckload        | ▪ 1                                       |



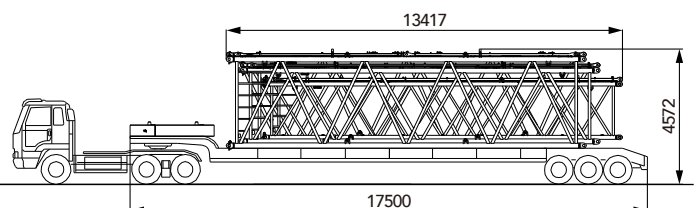
|                  |                                            |
|------------------|--------------------------------------------|
| Trailer 4        | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t    |
| Transport weight | ▪ 32.5t                                    |
| Part             | ▪ Boom base<br>▪ 180t hook<br>▪ Main winch |
| Truckload        | ▪ 1+1+2                                    |



|                  |                                                                                    |
|------------------|------------------------------------------------------------------------------------|
| Trailer 5        | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t                                            |
| Transport weight | ▪ 32.5t                                                                            |
| Part             | ▪ Tapered boom insert<br>▪ Carbody counterweight tray<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+1+1                                                                            |



|                  |                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------|
| Trailer 6. 7     | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t                                                              |
| Transport weight | ▪ 28.5t                                                                                              |
| Part             | ▪ 12m power boom B<br>▪ 12m boom insert B<br>▪ 12m luffing jib insert B<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+1+1+1                                                                                            |



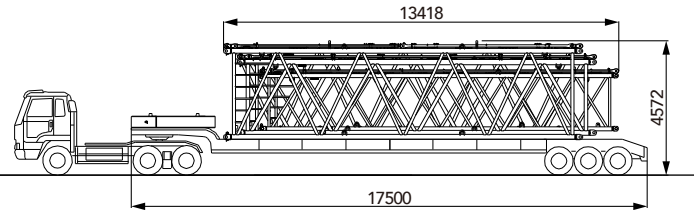
## Transport Plan

Trailer 8 ▪ 17.5m\*3m\*1.2m (L\*W\*H), Rated load 35t

Transport weight ▪ 27.5t

Part ▪ 12m power boom B  
▪ 12m boom insert A  
▪ 12m luffing jib insert A  
▪ 10t counterweight block

Truckload ▪ 1+1+1+1

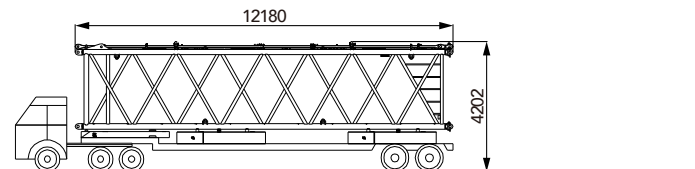


Trailer 9 ▪ 17.5m\*3m\*1.2m (L\*W\*H), Rated load 35t

Transport weight ▪ 30.3t

Part ▪ 12m boom insert C  
▪ 10t counterweight block  
▪ 5t counterweight block

Truckload ▪ 1+2+1

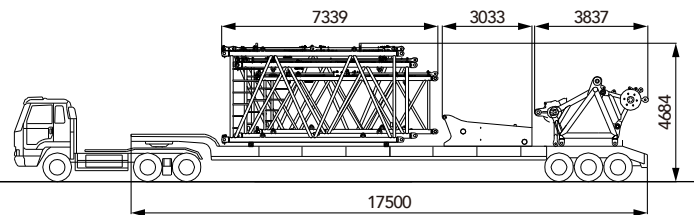


Trailer 10 ▪ 17.5m\*3m\*1.2m (L\*W\*H), Rated load 35t

Transport weight ▪ 30.7t

Part ▪ 6m power boom  
▪ 6m boom insert  
▪ 6m luffing jib insert A  
▪ Connecting head  
▪ Pulley block  
▪ Carbody counterweight tray

Truckload ▪ 1+1+1+1+2+1

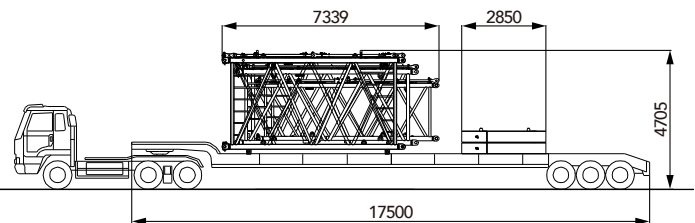


Trailer 11 ▪ 17.5m\*3m\*1.2m (L\*W\*H), Rated load 35t

Transport weight ▪ 29.3t

Part ▪ 6m power boom  
▪ 6m boom insert  
▪ 6m luffing jib insert A  
▪ 10t counterweight block

Truckload ▪ 1+1+1+2

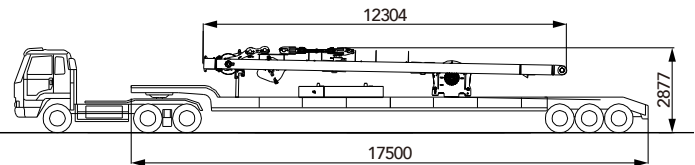


Trailer 12 ▪ 17.5m\*3.0m\*1.2m (L\*W\*H), Rated load 35t

Transport weight ▪ 27.2t

Part ▪ Boom hoisting mast and winch  
▪ 10t counterweight block

Truckload ▪ 1+1

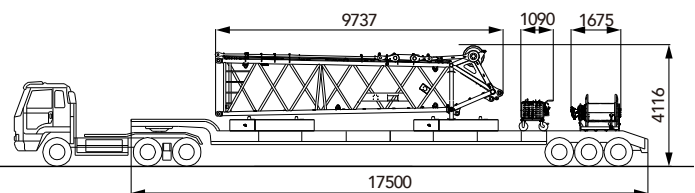


Trailer 13 ▪ 17.5m\*3m\*1.2m (L\*W\*H), Rated load 35t

Transport weight ▪ 31.3t

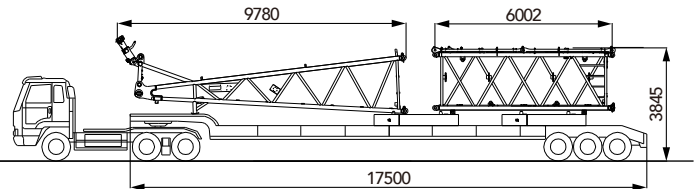
Part ▪ Jib top  
▪ Portable power pack  
▪ Jib luffing mechanism  
▪ 10t counterweight block

Truckload ▪ 1+1+1+2

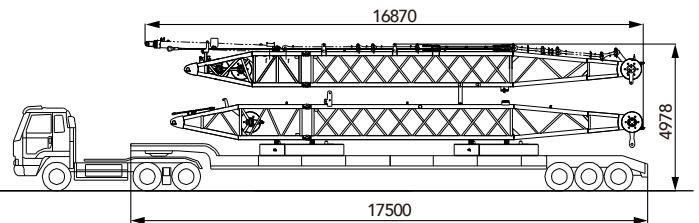


## Transport Plan

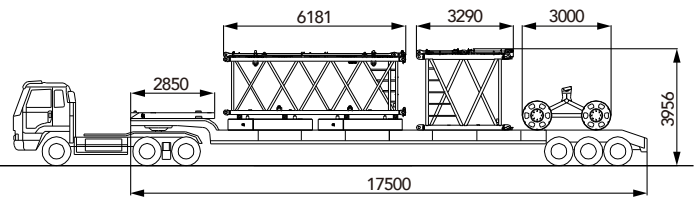
|                  |                                                                            |
|------------------|----------------------------------------------------------------------------|
| Trailer 14       | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t                                    |
| Transport weight | ▪ 26.9t                                                                    |
| Part             | ▪ Luffing jib base<br>▪ Superlift mast insert<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+1+2                                                                    |



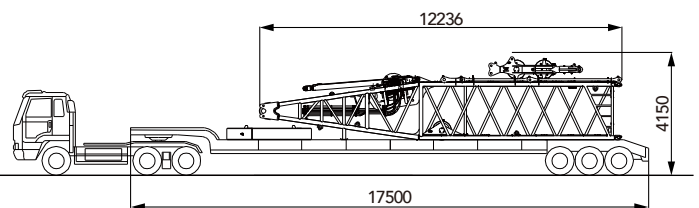
|                  |                                                                |
|------------------|----------------------------------------------------------------|
| Trailer 15       | ▪ 17.5m*3.0m*1.2m (L*W*H), Rated load 35t                      |
| Transport weight | ▪ 31.1t                                                        |
| Part             | ▪ Luffing jib front and rear mast<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+2                                                          |



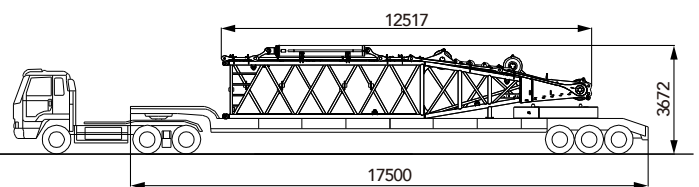
|                  |                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------|
| Trailer 16       | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t                                                                             |
| Transport weight | ▪ 30.0t                                                                                                             |
| Part             | ▪ 6m luffing jib insert B<br>▪ Trolley<br>▪ 3m boom insert<br>▪ 10t counterweight block<br>▪ 5t counterweight block |
| Truckload        | ▪ 1+1+1+2+1                                                                                                         |



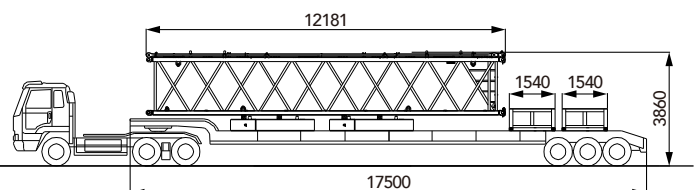
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|------------------|----------------------------------------------------|
| Trailer 17       | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t            |
| Transport weight | ▪ 27.1t                                            |
| Part             | ▪ Superlift mast base<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+1                                              |



|                  |                                                   |
|------------------|---------------------------------------------------|
| Trailer 18       | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t           |
| Transport weight | ▪ 23.1t                                           |
| Part             | ▪ Superlift mast top<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+1                                             |

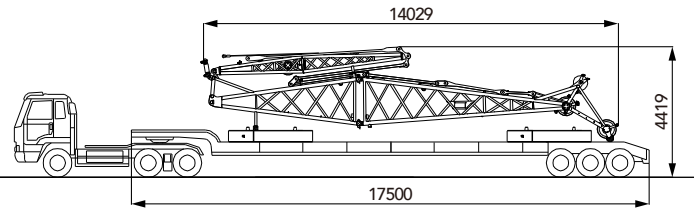


|                  |                                                                           |
|------------------|---------------------------------------------------------------------------|
| Trailer 19       | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t                                   |
| Transport weight | ▪ 29.7t                                                                   |
| Part             | ▪ 12m luffing jib A insert<br>▪ Package case<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+2+2                                                                   |

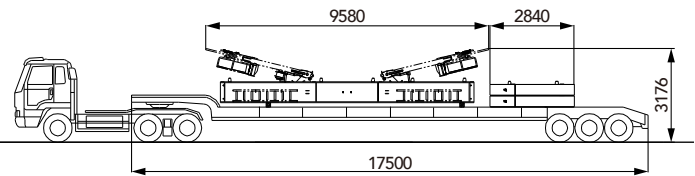


## Transport Plan

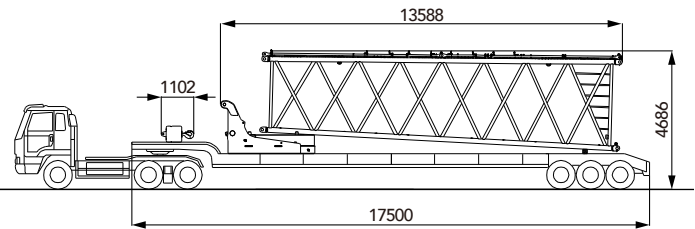
|                  |                                                   |
|------------------|---------------------------------------------------|
| Trailer 20       | ▪ 17.5m*3.0m*1.2m (L*W*H), Rated load 35t         |
| Transport weight | ▪ 25.2t                                           |
| Part             | ▪ Fixed jib assembly<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+2                                             |



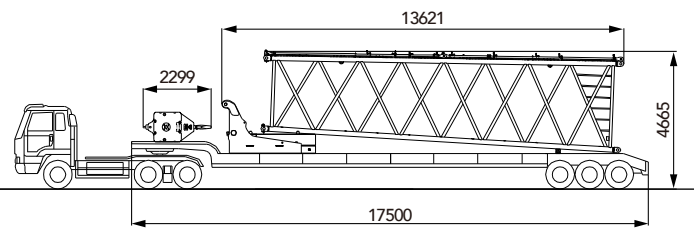
|                  |                                                             |
|------------------|-------------------------------------------------------------|
| Trailer 21       | ▪ 17.5m*3.0m*1.2m (L*W*H), Rated load 35t                   |
| Transport weight | ▪ 30t                                                       |
| Part             | ▪ Superlift counterweight tray<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+2                                                       |



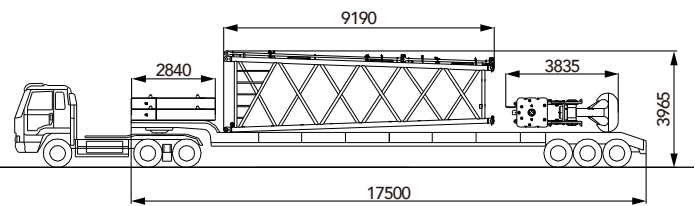
|                  |                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------|
| Trailer 22       | ▪ 17.5m*3.0m*1.2m (L*W*H), Rated load 35t                                                                              |
| Transport weight | ▪ 29.4t                                                                                                                |
| Part             | ▪ 12m power boom upper transition insert<br>▪ Rear counterweight tray<br>▪ 10t counterweight blocks<br>▪ 16t ball hook |
| Truckload        | ▪ 1+1+1+1                                                                                                              |



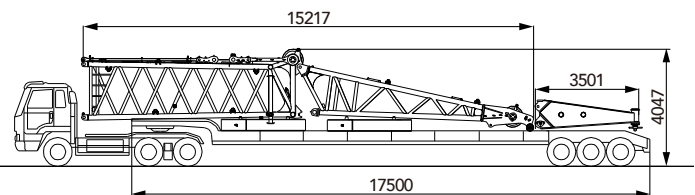
|                  |                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------|
| Trailer 23       | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t                                                               |
| Transport weight | ▪ 29.2t                                                                                               |
| Part             | ▪ 12m upper transition insert<br>▪ Rear counterweight tray<br>▪ 50t hook<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+1+1+1                                                                                             |



|                  |                                                                            |
|------------------|----------------------------------------------------------------------------|
| Trailer 24       | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t                                    |
| Transport weight | ▪ 31.6t                                                                    |
| Part             | ▪ Tapered insert of mixed boom<br>▪ 10t counterweight block<br>▪ 350t hook |
| Truckload        | ▪ 1+1+2                                                                    |

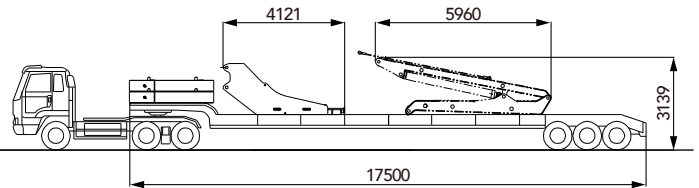


|                  |                                                              |
|------------------|--------------------------------------------------------------|
| Trailer 25       | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t                      |
| Transport weight | ▪ 32t                                                        |
| Part             | ▪ Side outrigger<br>▪ Eagle tip<br>▪ 10t counterweight block |
| Truckload        | ▪ 2+1+2                                                      |

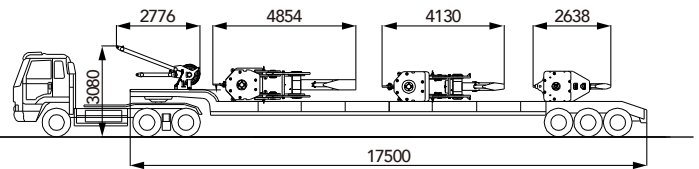


## Transport Plan

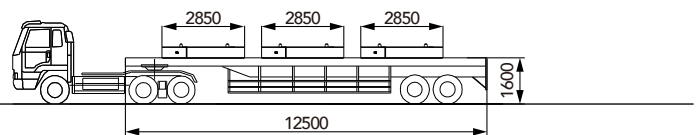
|                  |                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------|
| Trailer 26       | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t                                                              |
| Transport weight | ▪ 32.75t                                                                                             |
| Part             | ▪ Superlift counterweight strut<br>▪ Additional rear counterweight tray<br>▪ 10t counterweight block |
| Truckload        | ▪ 1+1+2                                                                                              |



|                  |                                                |
|------------------|------------------------------------------------|
| Trailer 27       | ▪ 17.5m*3m*1.2m (L*W*H), Rated load 35t        |
| Transport weight | ▪ 15t                                          |
| Part             | ▪ Boom extension<br>▪ 500t hook<br>▪ 160t hook |
| Truckload        | ▪ 1+1+1                                        |

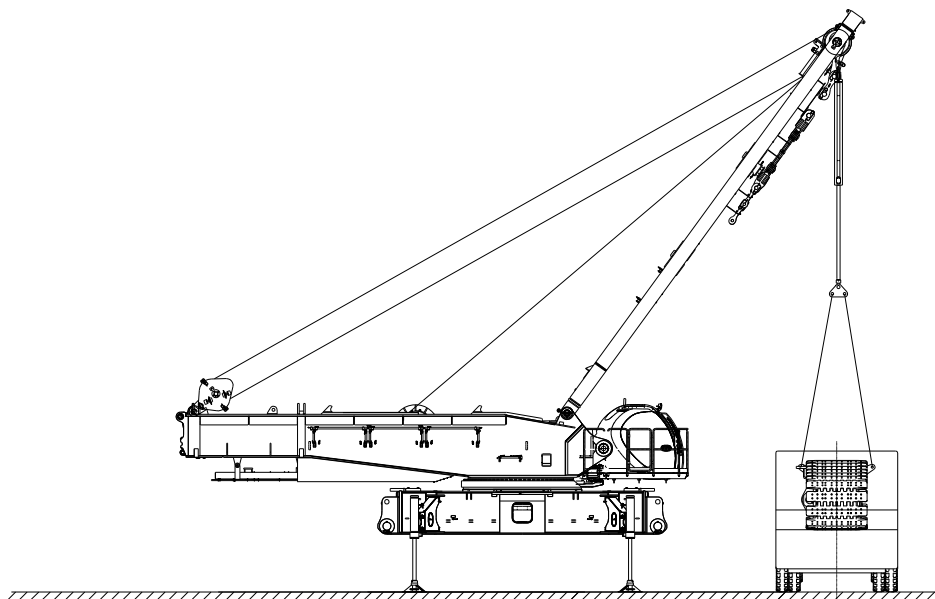
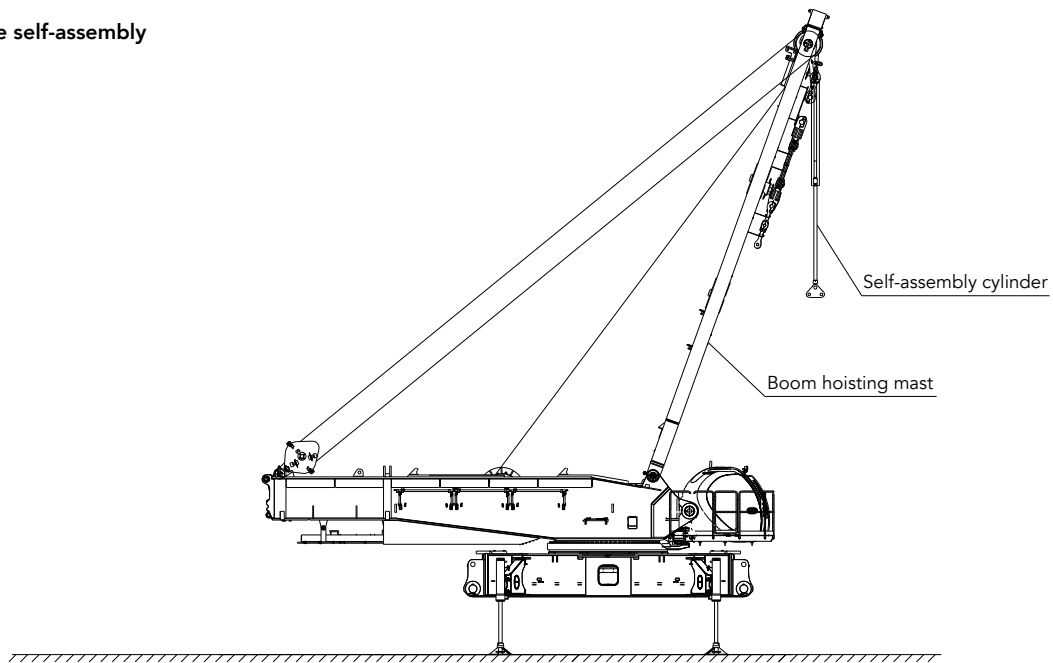


|                    |                                           |
|--------------------|-------------------------------------------|
| Trailer 28, 29, 30 | ▪ 12.5m*2.5m*1.2m (L*W*H), Rated load 35t |
| Transport weight   | ▪ 30t                                     |
| Part               | ▪ 10t counterweight block                 |
| Truckload          | ▪ 3                                       |



## Self-Assembly Plan

### Crawler frame self-assembly





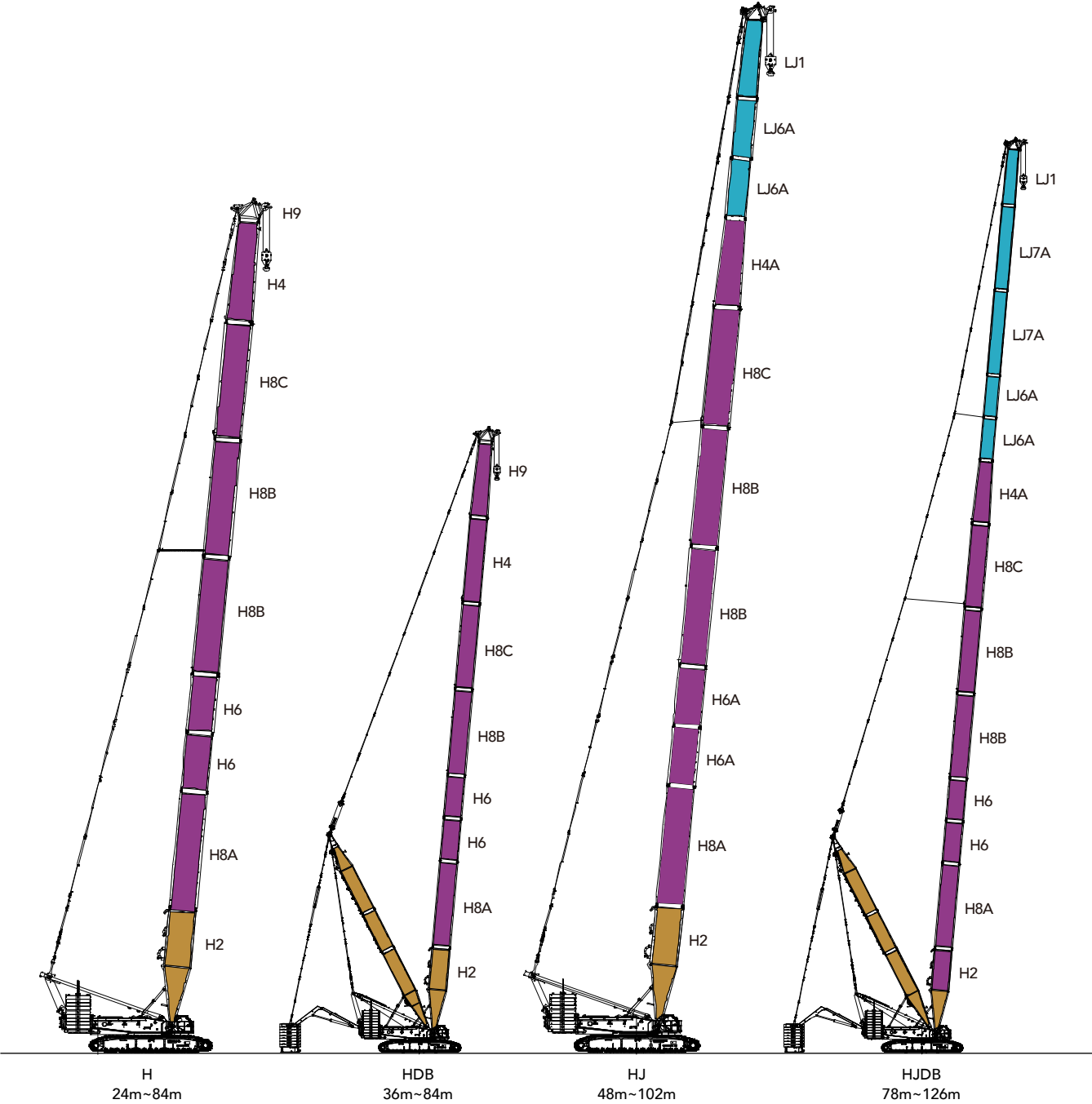
# **SCE6000A SANY CRAWLER CRANE 600 TONS LIFTING CAPACITY**

QUALITY CHANGES THE WORLD

## Configurations

- Page 28 Configuration
- Page 32 H Configuration
- Page 35 HDB Configuration
- Page 39 HJ Configuration
- Page 42 HJDB Configuration
- Page 46 HJFJ\_3 Configuration
- Page 50 HJFJDB\_6 Configuration
- Page 56 LJ(DB) Configuration
- Page 61 LJDB Configuration
- Page 80 ZH Configuration
- Page 83 ZHDB Configuration
- page 87 ZLJ Configuration
- page 91 ZLJDB Configuration
- page 107 FJh Configuration
- page 111 FJhDB Configuration

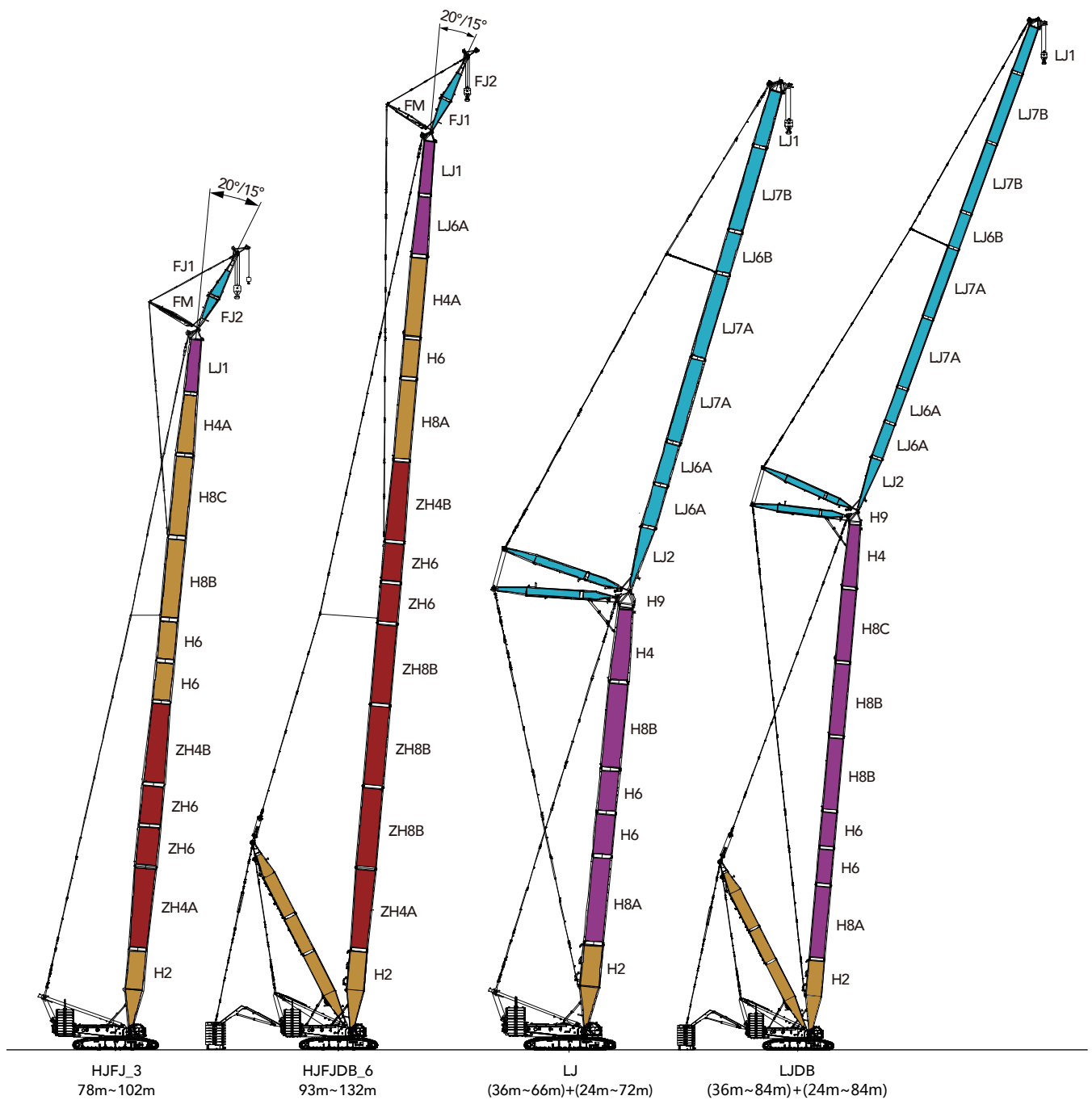
Configurations



| Configuration | Boom Combination                                      | Boom Length |
|---------------|-------------------------------------------------------|-------------|
| H             | Boom                                                  | 24m~84m     |
| HDB           | Boom + Superlift mast + Sperlift counterweight        | 36m~84m     |
| HJ            | Mixed boom                                            | 48m~102m    |
| HJDB          | Mixed boom + Superlift mast + Superlift counterweight | 78m~126m    |

Note: The schematics above are reference for loading only.

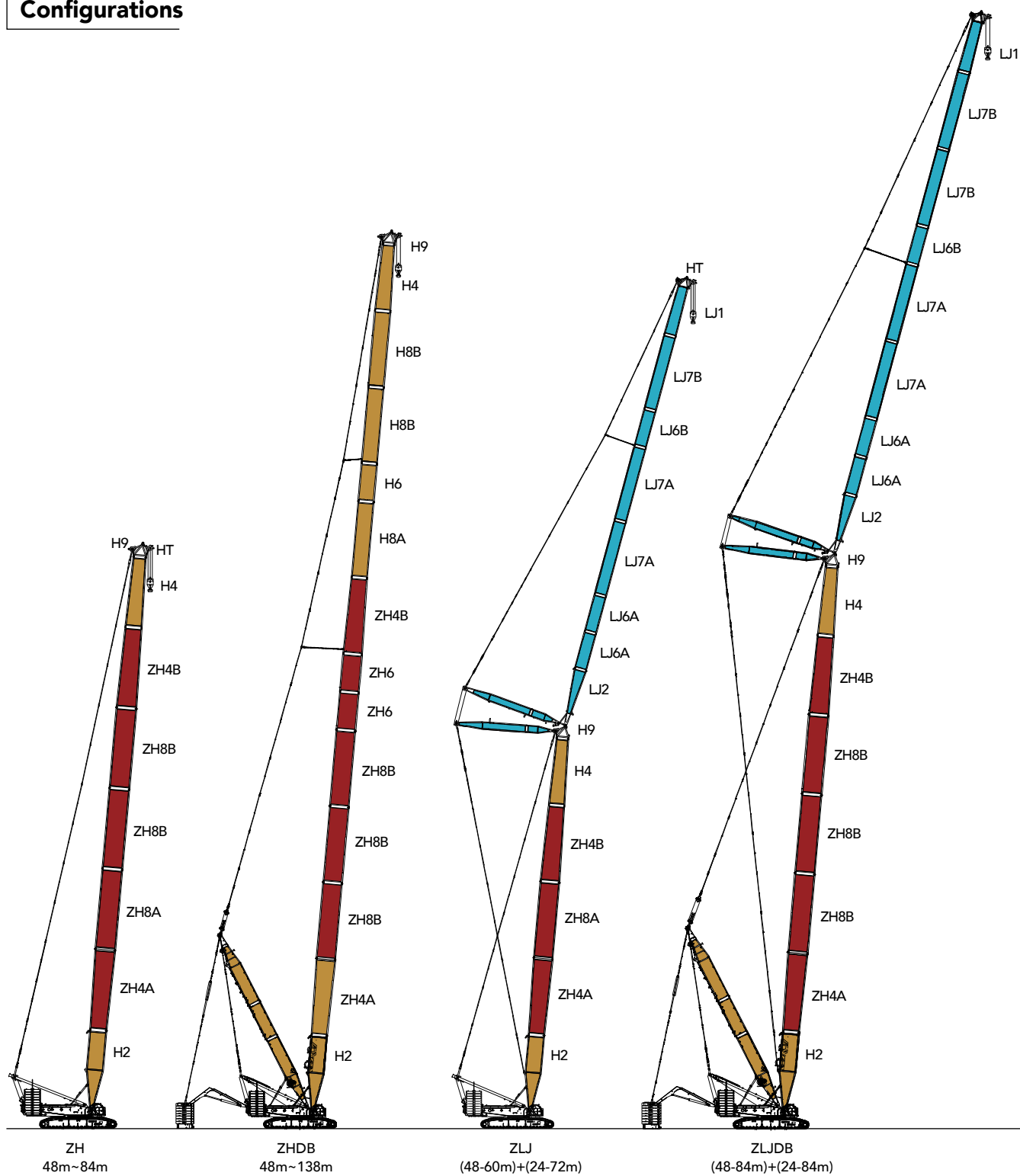
## Configurations



| Configuration | Boom Combination                                                         | Boom Length           |
|---------------|--------------------------------------------------------------------------|-----------------------|
| HJFJ_3        | Power boom + Boom + Fixed jib                                            | 78m~102m              |
| HJFJDB_6      | Power boom + Boom + Fixed jib + Superlift mast + Superlift counterweight | 93m~132m              |
| LJ            | Boom + Luffing jib                                                       | (36m~66m) + (24m~72m) |
| LJDB          | Boom + Luffing jib + Superlift counterweight                             | (36m~84m) + (24m~84m) |

Note: The schematics above are reference for loading only.

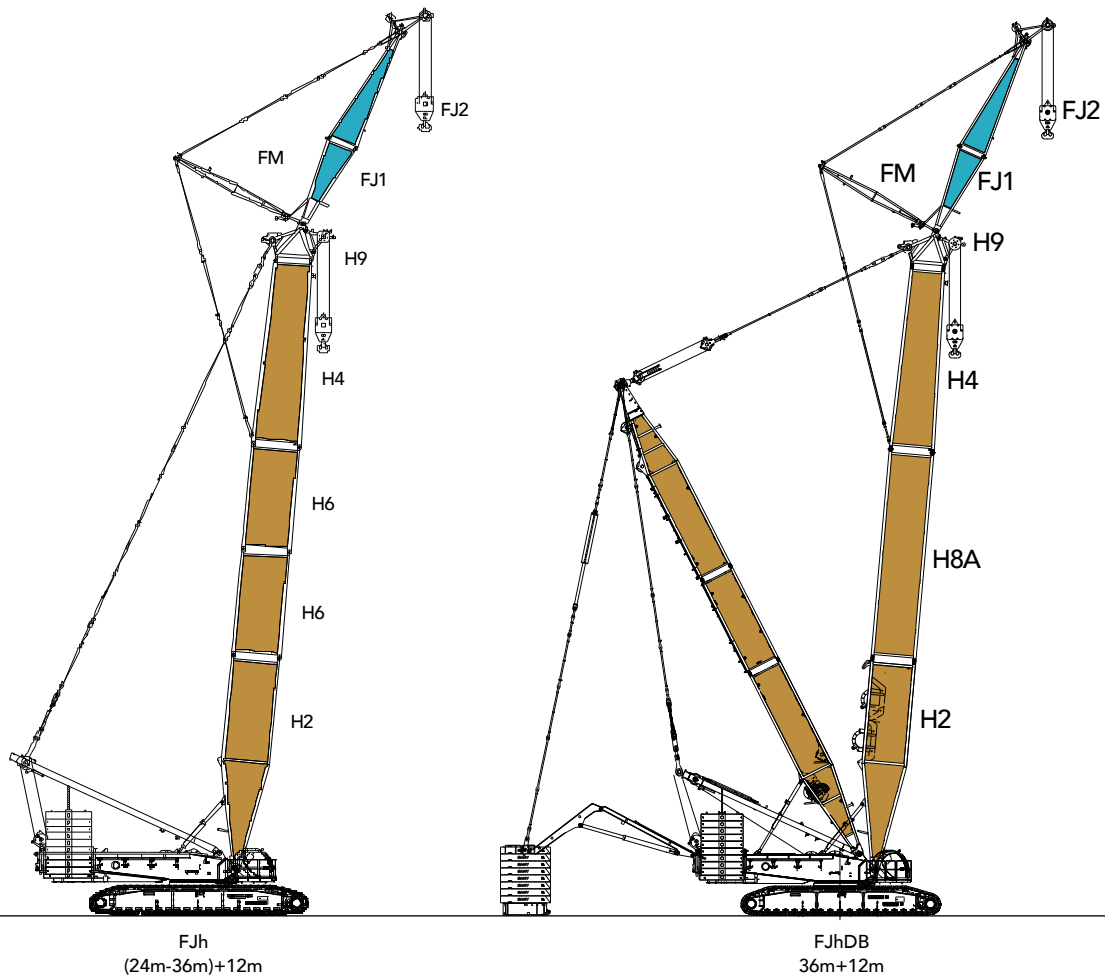
## Configurations



| Configuration | Boom Combination                                                           | Boom Length           |
|---------------|----------------------------------------------------------------------------|-----------------------|
| ZH            | Power boom + Boom                                                          | 48m~84m               |
| ZHDB          | Power boom + Boom + Superlift mast + Superlift counterweight               | 48m~138m              |
| ZLJ           | Power boom + Boom + Luffing jib                                            | (48m~60m) + (24m~72m) |
| ZLJDB         | Power boom + Boom + Luffing jib + Superlift mast + Superlift counterweight | (48m~84m) + (24m~84m) |

Note: The schematics above are reference for loading only.

## Configurations



| Configuration | Boom Combination                                            | Boom Length     |
|---------------|-------------------------------------------------------------|-----------------|
| FJh           | Boom + Fixed jib                                            | (24m~36m) + 12m |
| FJhDB         | Boom + Fixed jib + Superlift mast + Superlift counterweight | 36m + 12m       |

Note: The schematics above are reference for loading only.

## Boom Combination in H

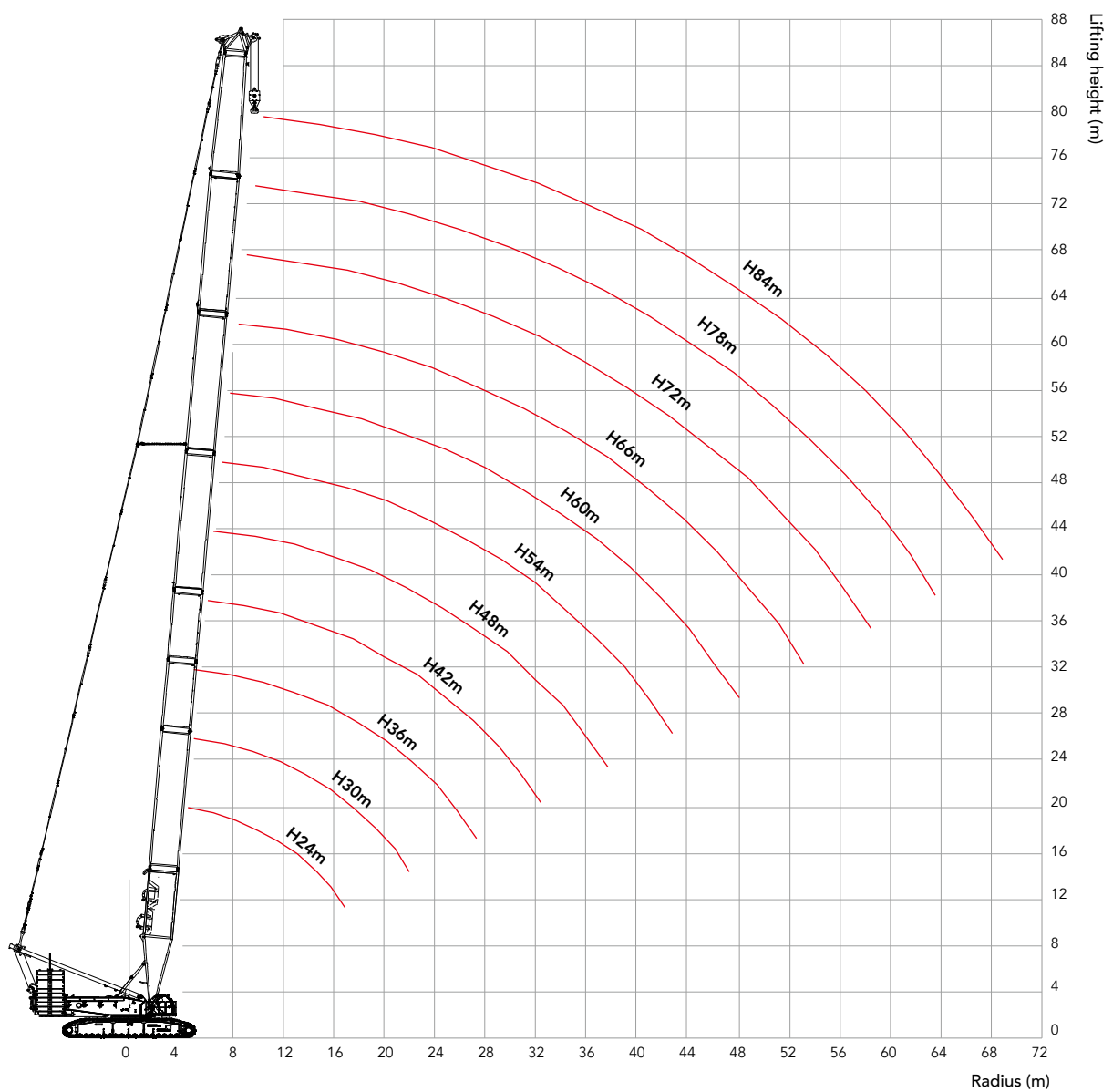
### Boom Combination in H

| Boom length (m) | boom insert |            |            |            |
|-----------------|-------------|------------|------------|------------|
|                 | 6m/(H6)     | 12mA/(H8A) | 12mA/(H8B) | 12mA/(H8C) |
| 24              | -           | -          | -          | -          |
| 30              | 1           | -          | -          | -          |
| 36              | 2           | -          | -          | -          |
| 42              | 1           | 1          | -          | -          |
| 48              | 2           | 1          | -          | -          |
| 54              | 1           | 1          | 1          | -          |
| 60              | 2           | 1          | 1          | -          |
| 66              | 1           | 1          | 2          | -          |
| 72              | 2           | 1          | 2          | -          |
| 78**            | 1           | 1          | 2          | 1          |
| 84**            | 2           | 1          | 2          | 1          |

Note: For combinations of 78m and 84m, marked with "\*\*", the mid-point suspension cable must be used, otherwise, the boom system may break.  
 Attention: If the boom length is 78m and more, the crane must boom up from side by side erection outrigger, otherwise, the crane may tip over!



## Working Range of H



## Load Chart of H

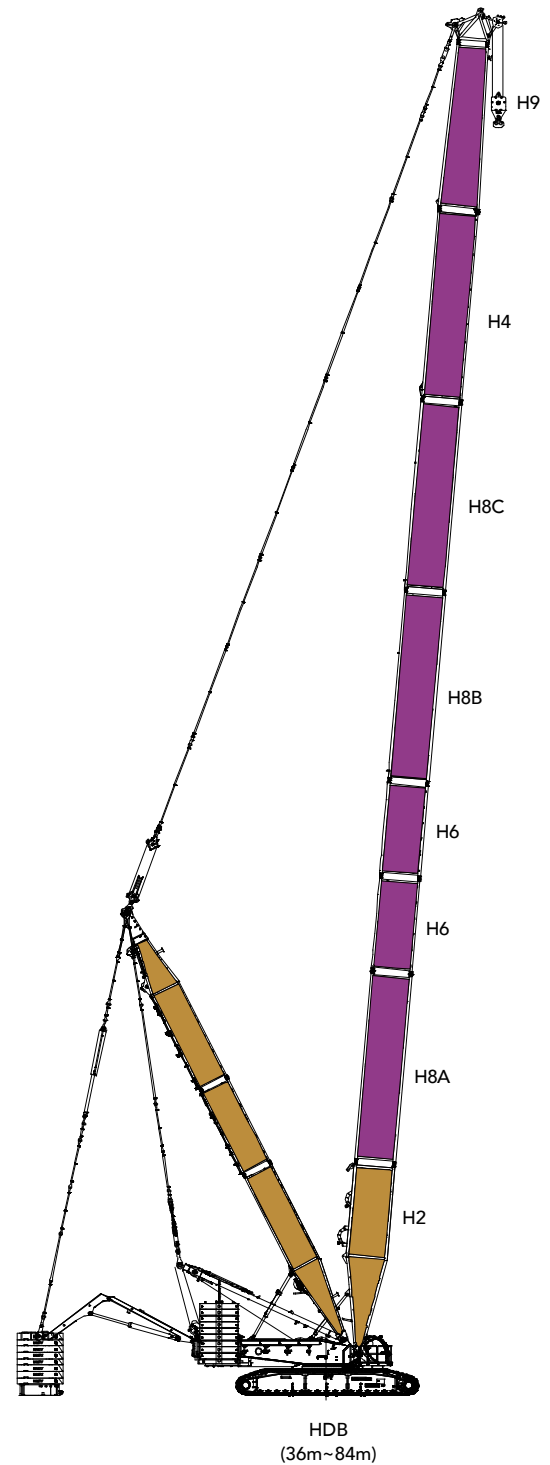
Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

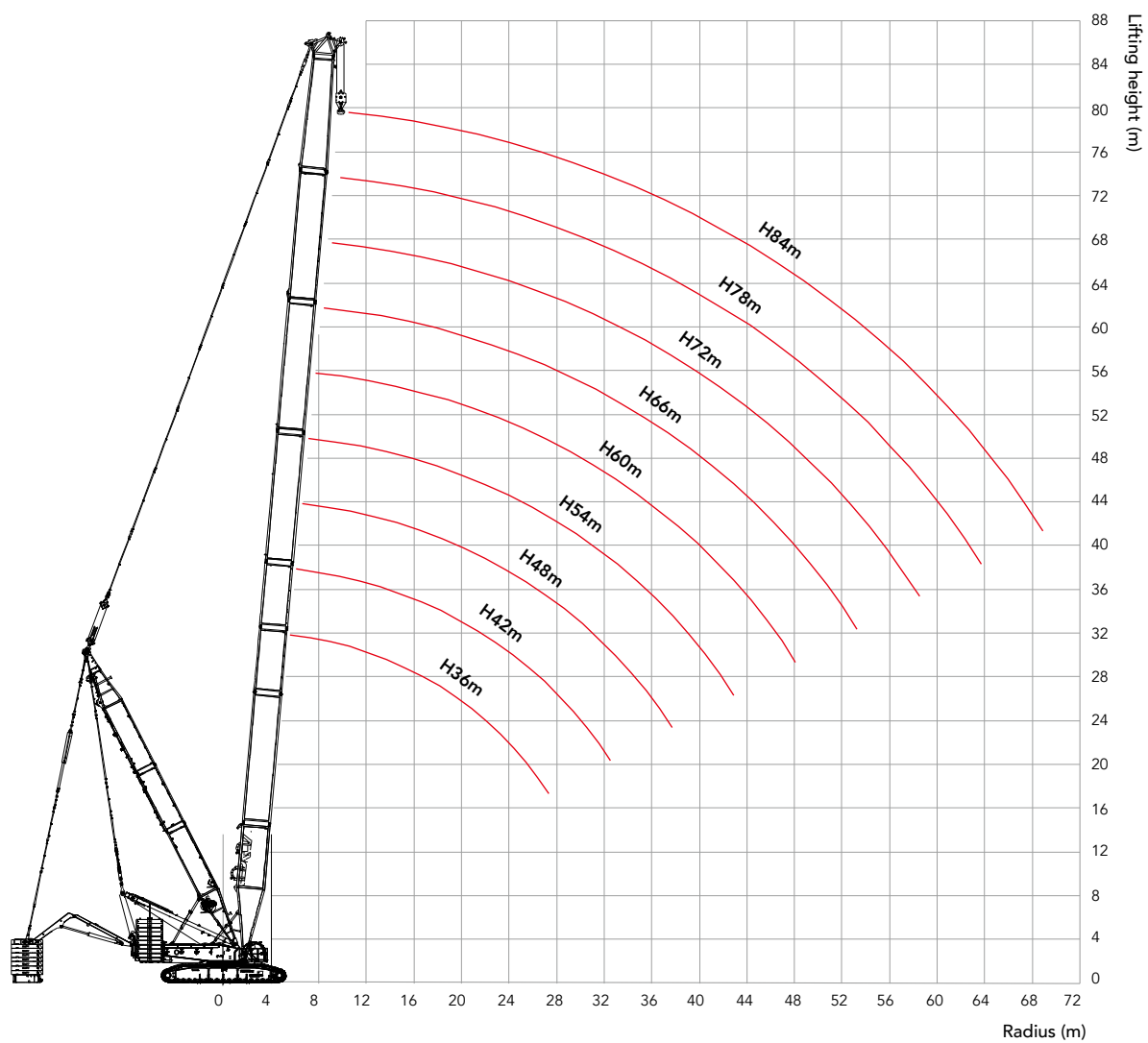
| H Configuration                                                        |     |      |      |      |      |      |      |      |      |      |      |                          |
|------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|------|------|------|--------------------------|
| Boom length 24~84m, Rear counterweight 230t, Carbody counterweight 50t |     |      |      |      |      |      |      |      |      |      |      |                          |
| Boom length<br>Radius(m)                                               | 24  | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Boom length<br>Radius(m) |
| 5.5                                                                    | 600 |      |      |      |      |      |      |      |      |      |      | 5.5                      |
| 6                                                                      | 583 | 523  | 475  |      |      |      |      |      |      |      |      | 6                        |
| 7                                                                      | 504 | 504  | 475  | 467  | 436  |      |      |      |      |      |      | 7                        |
| 8                                                                      | 436 | 436  | 436  | 436  | 412  | 388  | 365  |      |      |      |      | 8                        |
| 9                                                                      | 380 | 380  | 380  | 379  | 363  | 343  | 325  | 309  | 289  | 254  |      | 9                        |
| 10                                                                     | 336 | 336  | 336  | 335  | 324  | 308  | 293  | 279  | 266  | 254  | 210  | 10                       |
| 11                                                                     | 300 | 301  | 300  | 300  | 292  | 278  | 266  | 254  | 243  | 232  | 210  | 11                       |
| 12                                                                     | 271 | 272  | 271  | 271  | 265  | 254  | 243  | 233  | 223  | 214  | 205  | 12                       |
| 14                                                                     | 227 | 227  | 227  | 226  | 224  | 215  | 207  | 199  | 191  | 184  | 177  | 14                       |
| 16                                                                     | 193 | 194  | 194  | 193  | 192  | 186  | 179  | 173  | 166  | 160  | 155  | 16                       |
| 18                                                                     | 162 | 163  | 164  | 164  | 164  | 163  | 157  | 152  | 147  | 142  | 137  | 18                       |
| 20                                                                     | 139 | 140  | 141  | 141  | 140  | 140  | 140  | 135  | 131  | 126  | 122  | 20                       |
| 22                                                                     | 121 | 122  | 122  | 122  | 122  | 122  | 121  | 121  | 117  | 113  | 109  | 22                       |
| 24                                                                     |     | 107  | 108  | 108  | 108  | 107  | 107  | 106  | 106  | 102  | 99.4 | 24                       |
| 26                                                                     |     | 95.9 | 96.5 | 96.5 | 96.2 | 96.0 | 95.4 | 95.0 | 94.3 | 93.5 | 90.4 | 26                       |
| 28                                                                     |     | 85.9 | 86.6 | 86.6 | 86.3 | 86.1 | 85.5 | 85.1 | 84.4 | 83.5 | 82.5 | 28                       |
| 30                                                                     |     |      | 78.1 | 78.2 | 77.9 | 77.7 | 77.1 | 76.7 | 76.0 | 75.1 | 74.3 | 30                       |
| 32                                                                     |     |      | 70.8 | 71.0 | 70.7 | 70.5 | 69.9 | 69.5 | 68.8 | 67.9 | 67.1 | 32                       |
| 34                                                                     |     |      |      | 64.7 | 64.4 | 64.3 | 63.7 | 63.2 | 62.5 | 61.6 | 60.8 | 34                       |
| 36                                                                     |     |      |      | 59.2 | 59.0 | 58.8 | 58.2 | 57.8 | 57.0 | 56.1 | 55.3 | 36                       |
| 38                                                                     |     |      |      | 54.3 | 54.1 | 54.0 | 53.4 | 52.9 | 52.2 | 51.3 | 50.4 | 38                       |
| 40                                                                     |     |      |      |      | 49.8 | 49.7 | 49.1 | 48.6 | 47.9 | 47.0 | 46.1 | 40                       |
| 44                                                                     |     |      |      |      | 42.3 | 42.3 | 41.8 | 41.3 | 40.6 | 39.6 | 38.8 | 44                       |
| 48                                                                     |     |      |      |      |      | 36.2 | 35.7 | 35.3 | 34.6 | 33.6 | 32.8 | 48                       |
| 52                                                                     |     |      |      |      |      |      | 30.7 | 30.3 | 29.6 | 28.6 | 27.8 | 52                       |
| 56                                                                     |     |      |      |      |      |      |      | 26.0 | 25.3 | 24.4 | 23.5 | 56                       |
| 60                                                                     |     |      |      |      |      |      |      |      | 21.6 | 20.7 | 19.8 | 60                       |
| 64                                                                     |     |      |      |      |      |      |      |      | 18.4 | 17.5 | 16.7 | 64                       |
| 68                                                                     |     |      |      |      |      |      |      |      |      | 14.7 | 13.9 | 68                       |
| 72                                                                     |     |      |      |      |      |      |      |      |      |      | 11.4 | 72                       |

## Boom Combination in HDB

| Boom Combination in HDB |             |             |             |             |
|-------------------------|-------------|-------------|-------------|-------------|
| Boom length (m)         | boom insert |             |             |             |
|                         | 6m/ (H6)    | 12mA/ (H8A) | 12mB/ (H8B) | 12mC/ (H8C) |
| 36                      | -           | 1           | -           | -           |
| 42                      | 1           | 1           | -           | -           |
| 48                      | 2           | 1           | -           | -           |
| 54                      | 1           | 1           | 1           | -           |
| 60                      | 2           | 1           | 1           | -           |
| 66                      | 1           | 1           | 2           | -           |
| 72                      | 2           | 1           | 2           | -           |
| 78                      | 1           | 1           | 2           | 1           |
| 84                      | 2           | 1           | 2           | 1           |



## Working Radius in HDB



## Load Chart of HDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HDB Configuration                                                                                                          |      |      |      |      |      |      |      |      |      |                                 |
|----------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|---------------------------------|
| Boom length 36~84m, Superlift radius 18m, Superlift counterweight 280t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |                                 |
| Boom length<br>(m)<br>Radius(m)                                                                                            | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Boom length<br>(m)<br>Radius(m) |
| 7                                                                                                                          | 600* |      |      |      |      |      |      |      |      | 7                               |
| 8                                                                                                                          | 600* | 480* | 451* |      |      |      |      |      |      | 8                               |
| 9                                                                                                                          | 575* | 478* | 450* | 410* | 388* |      |      |      |      | 9                               |
| 10                                                                                                                         | 579* | 481* | 452* | 409* | 388* | 347* | 314* |      |      | 10                              |
| 11                                                                                                                         | 578* | 480* | 454* | 411* | 388* | 347* | 316* | 263* | 220* | 11                              |
| 12                                                                                                                         | 578  | 483* | 453* | 411* | 388* | 349* | 316* | 262* | 221* | 12                              |
| 14                                                                                                                         | 503  | 486  | 455* | 413* | 390* | 350* | 316* | 263* | 221* | 14                              |
| 16                                                                                                                         | 450  | 440  | 439  | 416  | 391* | 350* | 317* | 263* | 222* | 16                              |
| 18                                                                                                                         | 390  | 390  | 389  | 389  | 388  | 353  | 317* | 263* | 221* | 18                              |
| 20                                                                                                                         | 350  | 350  | 349  | 349  | 348  | 348  | 316  | 263* | 221* | 20                              |
| 22                                                                                                                         | 317  | 317  | 316  | 316  | 315  | 315  | 314  | 262* | 220* | 22                              |
| 24                                                                                                                         | 290  | 289  | 289  | 288  | 288  | 287  | 286  | 262  | 220* | 24                              |
| 26                                                                                                                         | 265  | 265  | 264  | 264  | 264  | 263  | 263  | 262  | 219  | 26                              |
| 28                                                                                                                         | 244  | 244  | 243  | 243  | 242  | 242  | 241  | 240  | 216  | 28                              |
| 30                                                                                                                         | 226  | 226  | 225  | 225  | 224  | 224  | 223  | 222  | 214  | 30                              |
| 32                                                                                                                         | 210  | 209  | 209  | 209  | 208  | 208  | 207  | 206  | 205  | 32                              |
| 34                                                                                                                         |      | 195  | 195  | 195  | 194  | 194  | 193  | 192  | 191  | 34                              |
| 36                                                                                                                         |      | 183  | 182  | 182  | 182  | 181  | 180  | 179  | 178  | 36                              |
| 38                                                                                                                         |      | 172  | 171  | 171  | 170  | 170  | 169  | 168  | 167  | 38                              |
| 40                                                                                                                         |      |      | 161  | 161  | 160  | 160  | 159  | 158  | 157  | 40                              |
| 44                                                                                                                         |      |      | 144  | 144  | 143  | 143  | 142  | 141  | 140  | 44                              |
| 48                                                                                                                         |      |      |      | 129  | 129  | 128  | 128  | 127  | 126  | 48                              |
| 52                                                                                                                         |      |      |      |      | 116  | 116  | 115  | 114  | 114  | 52                              |
| 56                                                                                                                         |      |      |      |      |      | 106  | 105  | 104  | 103  | 56                              |
| 60                                                                                                                         |      |      |      |      |      |      | 96.4 | 95.5 | 94.6 | 60                              |
| 64                                                                                                                         |      |      |      |      |      |      | 88.5 | 87.6 | 86.7 | 64                              |
| 68                                                                                                                         |      |      |      |      |      |      |      | 80.6 | 79.8 | 68                              |
| 72                                                                                                                         |      |      |      |      |      |      |      |      | 73.6 | 72                              |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of HDB

Note:

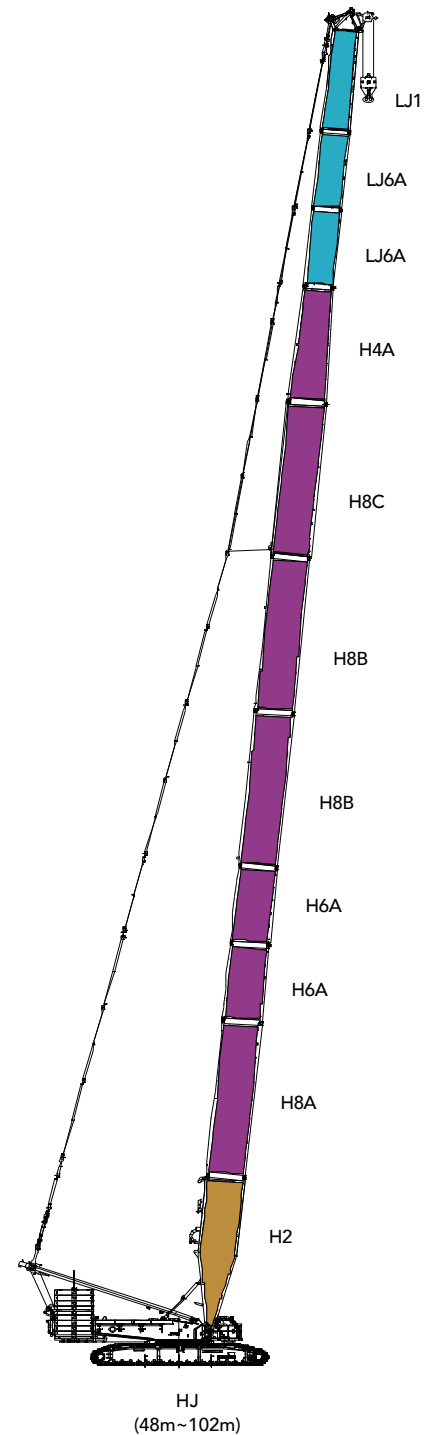
1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HDB Configuration                                                                                                        |      |      |      |      |      |      |      |      |      |                                 |
|--------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|---------------------------------|
| Boom length 36~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |                                 |
| Radius(m)<br>Boom length<br>(m)                                                                                          | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Radius(m)<br>Boom length<br>(m) |
| 7                                                                                                                        | 466  |      |      |      |      |      |      |      |      | 7                               |
| 8                                                                                                                        | 398  | 398  | 374  |      |      |      |      |      |      | 8                               |
| 9                                                                                                                        | 346  | 346  | 327  | 310  | 295  |      |      |      |      | 9                               |
| 10                                                                                                                       | 306  | 305  | 289  | 276  | 264  | 252  | 241  |      |      | 10                              |
| 11                                                                                                                       | 273  | 272  | 259  | 248  | 238  | 228  | 219  | 210  | 202  | 11                              |
| 12                                                                                                                       | 247  | 246  | 234  | 225  | 216  | 208  | 200  | 192  | 185  | 12                              |
| 14                                                                                                                       | 206  | 204  | 196  | 189  | 183  | 176  | 170  | 164  | 158  | 14                              |
| 16                                                                                                                       | 171  | 172  | 167  | 162  | 157  | 152  | 147  | 142  | 137  | 16                              |
| 18                                                                                                                       | 144  | 144  | 143  | 141  | 137  | 133  | 129  | 124  | 120  | 18                              |
| 20                                                                                                                       | 123  | 123  | 123  | 123  | 121  | 117  | 114  | 110  | 106  | 20                              |
| 22                                                                                                                       | 106  | 107  | 106  | 106  | 106  | 105  | 102  | 98.6 | 95.5 | 22                              |
| 24                                                                                                                       | 94.0 | 94.3 | 93.7 | 93.9 | 93.6 | 93.4 | 91.6 | 88.6 | 85.8 | 24                              |
| 26                                                                                                                       | 83.3 | 83.6 | 83.0 | 83.2 | 82.9 | 82.7 | 82.1 | 80.1 | 77.5 | 26                              |
| 28                                                                                                                       | 74.5 | 74.7 | 74.1 | 74.3 | 73.9 | 73.7 | 73.1 | 72.4 | 70.3 | 28                              |
| 30                                                                                                                       | 67.0 | 67.2 | 66.6 | 66.7 | 66.4 | 66.1 | 65.6 | 64.8 | 64.0 | 30                              |
| 32                                                                                                                       | 60.5 | 60.7 | 60.2 | 60.3 | 59.9 | 59.6 | 59.0 | 58.2 | 57.5 | 32                              |
| 34                                                                                                                       |      | 55.0 | 54.6 | 54.6 | 54.2 | 54.0 | 53.4 | 52.6 | 51.9 | 34                              |
| 36                                                                                                                       |      | 50.1 | 49.6 | 49.7 | 49.3 | 49.0 | 48.4 | 47.6 | 46.9 | 36                              |
| 38                                                                                                                       |      | 45.7 | 45.3 | 45.4 | 44.9 | 44.7 | 44.1 | 43.2 | 42.5 | 38                              |
| 40                                                                                                                       |      |      | 41.4 | 41.5 | 41.1 | 40.8 | 40.2 | 39.3 | 38.6 | 40                              |
| 44                                                                                                                       |      |      | 34.7 | 34.8 | 34.4 | 34.2 | 33.5 | 32.7 | 31.9 | 44                              |
| 48                                                                                                                       |      |      |      | 29.4 | 29.0 | 28.7 | 28.1 | 27.2 | 26.5 | 48                              |
| 52                                                                                                                       |      |      |      |      | 24.4 | 24.1 | 23.5 | 22.7 | 21.9 | 52                              |
| 56                                                                                                                       |      |      |      |      |      | 20.2 | 19.6 | 18.8 | 18.0 | 56                              |
| 60                                                                                                                       |      |      |      |      |      |      | 16.2 | 15.4 | 14.7 | 60                              |
| 64                                                                                                                       |      |      |      |      |      |      | 13.3 | 12.5 | 11.7 | 64                              |
| 68                                                                                                                       |      |      |      |      |      |      |      | 9.9  | 9.1  | 68                              |
| 72                                                                                                                       |      |      |      |      |      |      |      |      | 6.8  | 72                              |

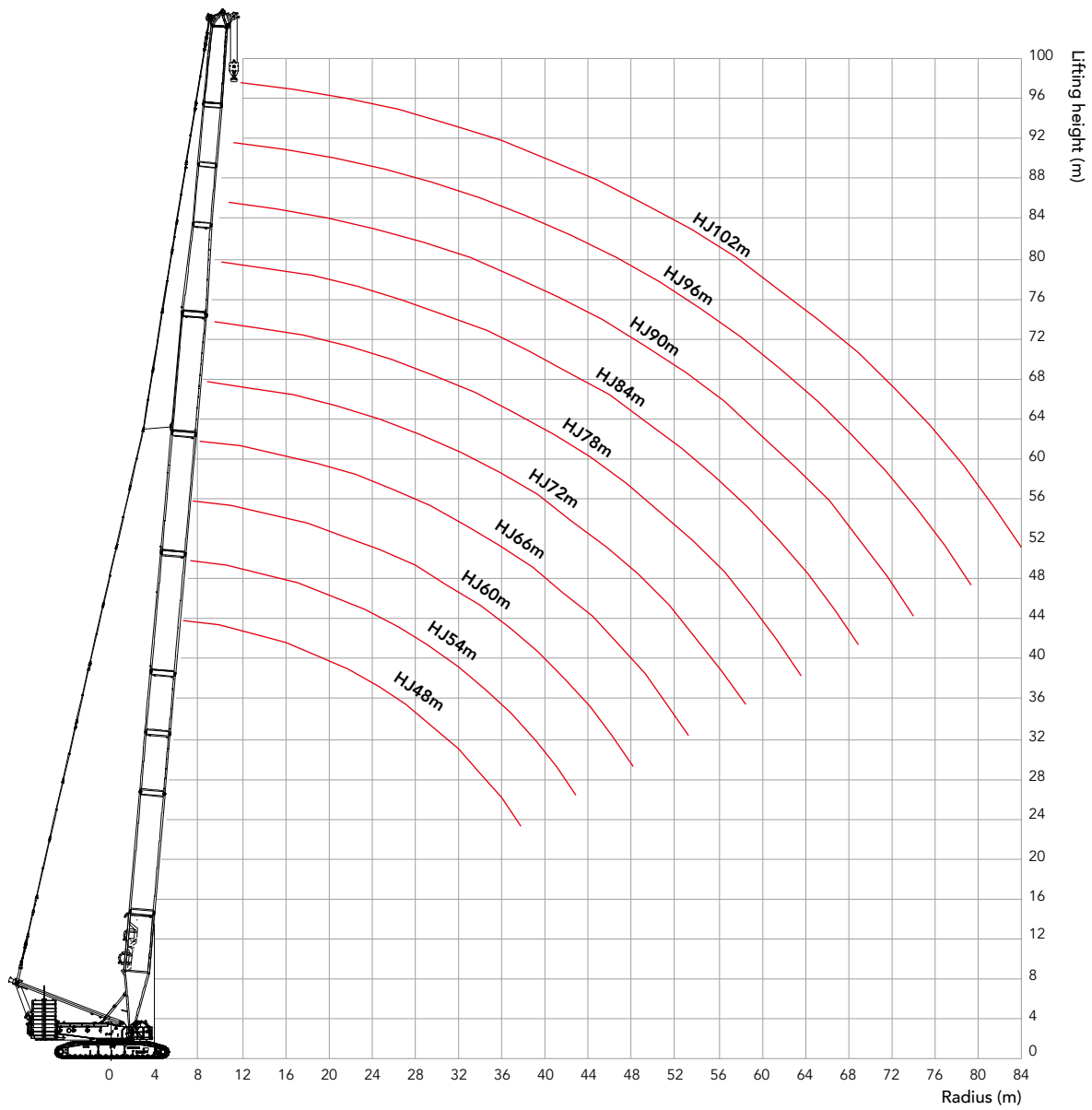
## Boom Combination in HJ

| Boom Combination in HJ |             |             |             |             |            |
|------------------------|-------------|-------------|-------------|-------------|------------|
| Boom length (m)        | Boom insert |             |             |             | Jib insert |
|                        | 6m/ (H6)    | 12mA/ (H8A) | 12mB/ (H8B) | 12mC/ (H8C) | 6m/ (LJ6A) |
| 48                     | 1           | 1           | –           | –           | –          |
| 54                     | 2           | 1           | –           | –           | –          |
| 60                     | 1           | 1           | 1           | –           | –          |
| 66                     | 2           | 1           | 1           | –           | –          |
| 72                     | 1           | 1           | 2           | –           | –          |
| 78**                   | 2           | 1           | 2           | –           | –          |
| 84**                   | 1           | 1           | 2           | 1           | –          |
| 90**                   | 2           | 1           | 2           | 1           | –          |
| 96**                   | 2           | 1           | 2           | 1           | 1          |
| 102**                  | 2           | 1           | 2           | 1           | 2          |

Note: For combinations of 78m and more, marked with "\*\*", the mid-point suspension cable must be used, otherwise, the boom system may break.  
Attention: If the boom length is 84m and more, the crane must boom up from side by side erection outrigger, otherwise, the crane may tip over!



## Working Range of HJ



Unit: t

## Load Chart of HJ

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HJ Configuration                                                       |      |      |      |      |      |      |      |      |      |      |                          |
|------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|--------------------------|
| Boom length 48~102m, Rear counterweigh 230t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |                          |
| Boom length<br>Radius(m)                                               | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 90   | 96   | 102  | Boom length<br>Radius(m) |
| 8                                                                      | 280  |      |      |      |      |      |      |      |      |      | 8                        |
| 9                                                                      | 282  | 277  | 273  |      |      |      |      |      |      |      | 9                        |
| 10                                                                     | 284  | 282  | 276  | 272  | 265  |      |      |      |      |      | 10                       |
| 11                                                                     | 286  | 283  | 272  | 261  | 251  | 241  | 218  |      |      |      | 11                       |
| 12                                                                     | 267  | 258  | 249  | 239  | 230  | 222  | 213  | 170  | 159  |      | 12                       |
| 14                                                                     | 224  | 218  | 211  | 204  | 197  | 190  | 183  | 164  | 155  | 134  | 14                       |
| 16                                                                     | 192  | 188  | 183  | 177  | 171  | 166  | 160  | 155  | 151  | 131  | 16                       |
| 18                                                                     | 167  | 165  | 160  | 156  | 151  | 146  | 142  | 137  | 133  | 128  | 18                       |
| 20                                                                     | 148  | 147  | 143  | 139  | 135  | 131  | 127  | 123  | 119  | 116  | 20                       |
| 22                                                                     | 132  | 132  | 128  | 124  | 121  | 118  | 114  | 111  | 108  | 105  | 22                       |
| 24                                                                     | 118  | 117  | 116  | 113  | 110  | 107  | 103  | 100  | 98.1 | 95.5 | 24                       |
| 26                                                                     | 105  | 105  | 104  | 103  | 100  | 97.6 | 94.6 | 91.8 | 89.4 | 87.1 | 26                       |
| 28                                                                     | 95.4 | 94.9 | 94.5 | 93.8 | 92.1 | 89.5 | 86.7 | 84.0 | 81.9 | 79.8 | 28                       |
| 30                                                                     | 86.6 | 86.1 | 85.7 | 85.0 | 84.5 | 82.4 | 79.7 | 77.3 | 75.3 | 73.3 | 30                       |
| 32                                                                     | 79.0 | 78.5 | 78.2 | 77.5 | 76.9 | 76.1 | 73.6 | 71.3 | 69.5 | 67.6 | 32                       |
| 34                                                                     | 72.5 | 72.0 | 71.6 | 70.9 | 70.4 | 69.5 | 68.2 | 66.0 | 64.3 | 62.5 | 34                       |
| 36                                                                     | 66.7 | 66.3 | 65.9 | 65.2 | 64.6 | 63.8 | 62.7 | 61.2 | 59.6 | 58.0 | 36                       |
| 38                                                                     | 61.7 | 61.2 | 60.9 | 60.1 | 59.6 | 58.7 | 57.7 | 56.7 | 55.4 | 53.8 | 38                       |
| 40                                                                     | 57.1 | 56.7 | 56.4 | 55.6 | 55.0 | 54.2 | 53.1 | 52.2 | 51.6 | 50.1 | 40                       |
| 44                                                                     | 49.3 | 49.0 | 48.7 | 47.9 | 47.4 | 46.5 | 45.4 | 44.5 | 43.9 | 43.3 | 44                       |
| 48                                                                     |      | 42.6 | 42.4 | 41.6 | 41.1 | 40.2 | 39.1 | 38.2 | 37.6 | 37.0 | 48                       |
| 52                                                                     |      |      | 37.0 | 36.4 | 35.8 | 34.9 | 33.9 | 32.9 | 32.3 | 31.7 | 52                       |
| 56                                                                     |      |      |      | 31.9 | 31.3 | 30.5 | 29.4 | 28.4 | 27.9 | 27.3 | 56                       |
| 60                                                                     |      |      |      |      | 27.5 | 26.6 | 25.6 | 24.6 | 24.0 | 23.4 | 60                       |
| 64                                                                     |      |      |      |      | 24.1 | 23.3 | 22.2 | 21.3 | 20.7 | 20.1 | 64                       |
| 68                                                                     |      |      |      |      |      | 20.3 | 19.3 | 18.3 | 17.8 | 17.2 | 68                       |
| 72                                                                     |      |      |      |      |      |      | 16.7 | 15.7 | 15.2 | 14.6 | 72                       |
| 76                                                                     |      |      |      |      |      |      |      | 13.4 | 12.9 | 12.3 | 76                       |
| 80                                                                     |      |      |      |      |      |      |      | 11.3 | 10.8 | 10.2 | 80                       |
| 84                                                                     |      |      |      |      |      |      |      |      | 8.9  | 8.3  | 84                       |
| 88                                                                     |      |      |      |      |      |      |      |      |      | 6.6  | 88                       |

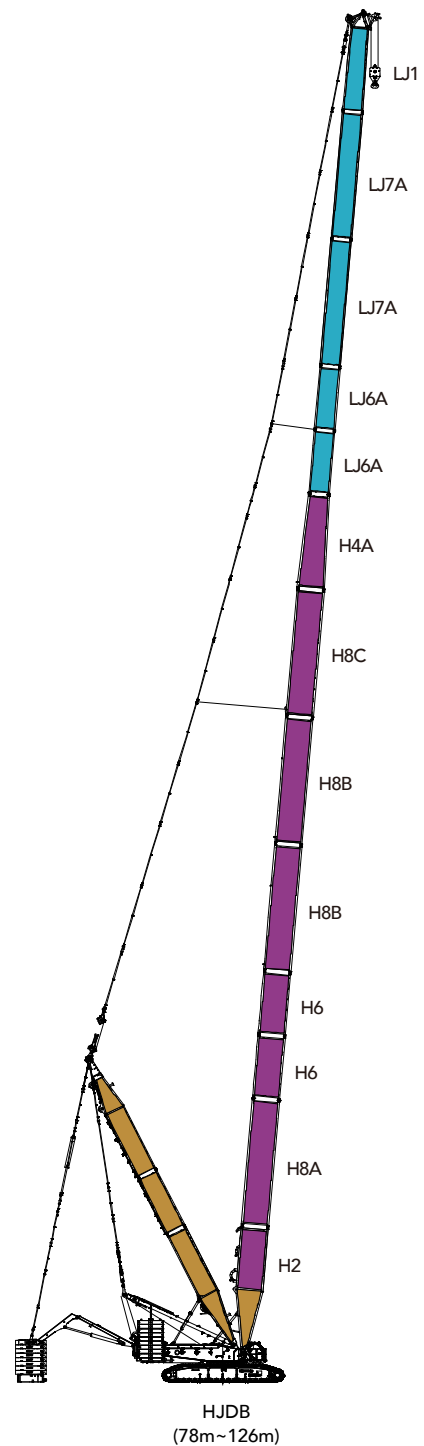
## Boom Combination in HJDB

Boom Combination in HJDB

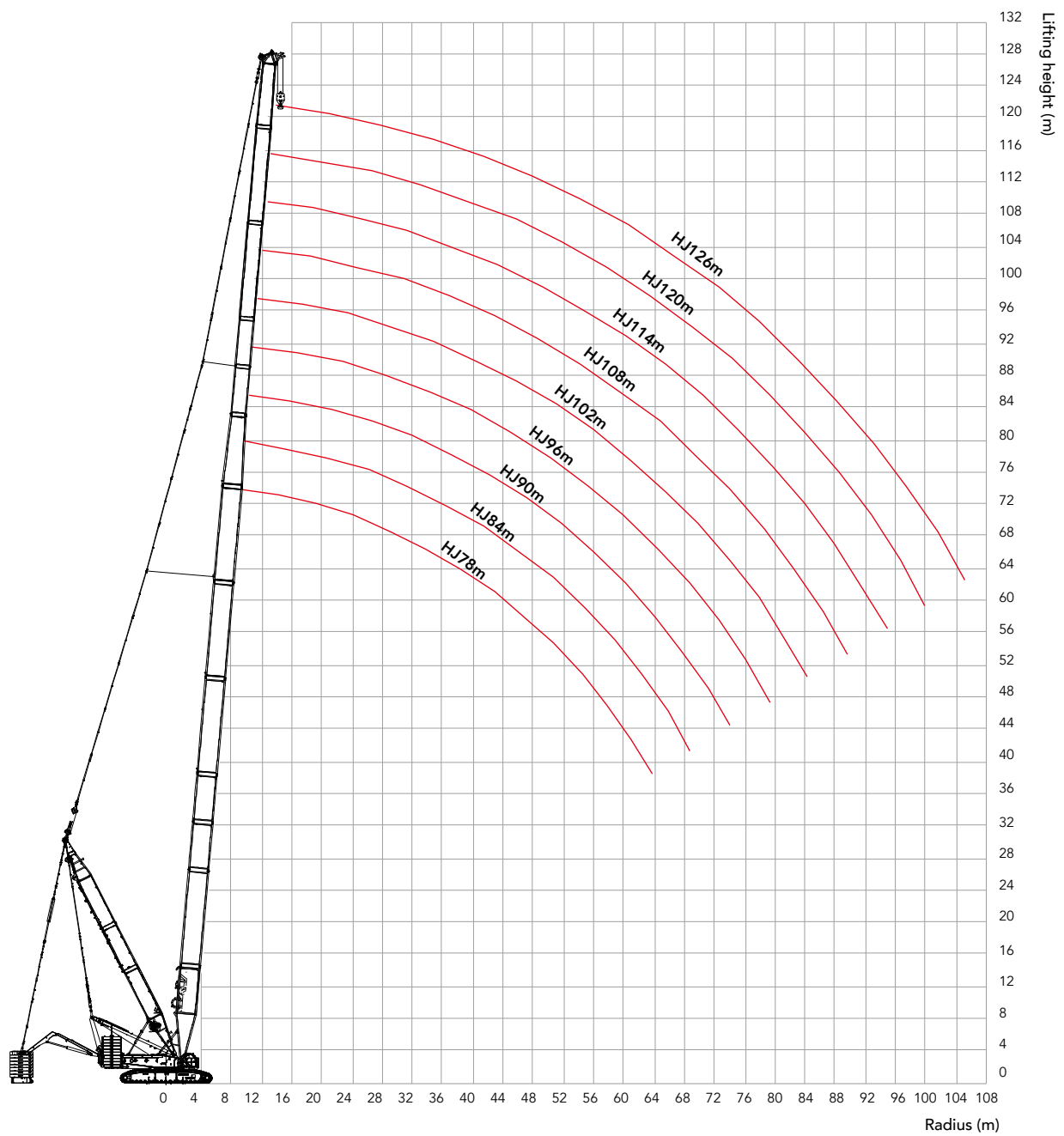
| Boom length (m) | Boom insert |             |             |             | Jib insert |             |
|-----------------|-------------|-------------|-------------|-------------|------------|-------------|
|                 | 6m/ (H6)    | 12mA/ (H8A) | 12mB/ (H8B) | 12mC/ (H8C) | 6m/ (LJ6A) | 12m/ (LJ7A) |
| 78              | 2           | 1           | 2           | –           | –          | –           |
| 84              | 1           | 1           | 2           | 1           | –          | –           |
| 90              | 2           | 1           | 2           | 1           | –          | –           |
| 96**            | 2           | 1           | 2           | 1           | 1          | –           |
| 102**           | 2           | 1           | 2           | 1           | 2          | –           |
| 108**           | 2           | 1           | 2           | 1           | 1          | 1           |
| 114**           | 2           | 1           | 2           | 1           | 2          | 1           |
| 120**           | 2           | 1           | 2           | 1           | 1          | 2           |
| 126**           | 2           | 1           | 2           | 1           | 2          | 2           |

Note: For combinations of 96m and more, marked with "\*\*", the mid-point suspension cable must be used, otherwise, the boom system may break.

The use of mid-point suspension cable must be strictly in accordance with the Operation Manual.



## Working Radius in HJDB



## Load Chart of HJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HJDB Configuration                                                                                                             |      |      |      |      |      |      |       |       |       |                                 |
|--------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|-------|-------|-------|---------------------------------|
| Boom length 78~126m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |       |       |       |                                 |
| Boom length<br>(m)<br>Radius(m)                                                                                                | 78   | 84   | 90   | 96   | 102  | 108  | 114   | 120   | 126   | Boom length<br>(m)<br>Radius(m) |
| 11                                                                                                                             | 257* | 227* |      |      |      |      |       |       |       | 11                              |
| 12                                                                                                                             | 258* | 227* | 194* | 166* |      |      |       |       |       | 12                              |
| 14                                                                                                                             | 260* | 228* | 194* | 165* | 143* | 122* | 107*  | 92.5* |       | 14                              |
| 16                                                                                                                             | 262* | 228* | 194* | 166* | 143* | 122* | 107*  | 92.5* | 79.5* | 16                              |
| 18                                                                                                                             | 265* | 228* | 194* | 166* | 143* | 123* | 107*  | 91.7* | 78.8* | 18                              |
| 20                                                                                                                             | 268* | 228* | 194* | 166* | 143* | 123* | 107*  | 90.9* | 78.0* | 20                              |
| 22                                                                                                                             | 269* | 227* | 194* | 166* | 143* | 123* | 106*  | 90.1* | 77.2* | 22                              |
| 24                                                                                                                             | 270  | 228* | 193* | 166* | 143* | 123* | 105*  | 89.2* | 76.4* | 24                              |
| 26                                                                                                                             | 267  | 228  | 193* | 167* | 142* | 122* | 105*  | 88.6* | 75.6* | 26                              |
| 28                                                                                                                             | 246  | 227  | 192* | 167* | 141* | 121* | 104*  | 87.7* | 74.7* | 28                              |
| 30                                                                                                                             | 228  | 225  | 190  | 166* | 140* | 121* | 103*  | 86.8* | 73.9* | 30                              |
| 32                                                                                                                             | 212  | 211  | 188  | 165* | 139* | 120* | 102*  | 85.9* | 73.1* | 32                              |
| 34                                                                                                                             | 198  | 197  | 186  | 164  | 137* | 119* | 101*  | 85.0* | 72.2* | 34                              |
| 36                                                                                                                             | 185  | 184  | 183  | 163  | 133* | 118* | 100*  | 84.1* | 71.4* | 36                              |
| 38                                                                                                                             | 174  | 173  | 172  | 162  | 130* | 117* | 99.8* | 83.2* | 70.5* | 38                              |
| 40                                                                                                                             | 164  | 163  | 162  | 161  | 126* | 116* | 97.4* | 82.3* | 69.7* | 40                              |
| 44                                                                                                                             | 147  | 146  | 145  | 144  | 120* | 114* | 91.4* | 77.5* | 66.6* | 44                              |
| 48                                                                                                                             | 132  | 131  | 130  | 130  | 115  | 112  | 86.6* | 73.2* | 62.4* | 48                              |
| 52                                                                                                                             | 120  | 119  | 118  | 118  | 110  | 106  | 82.0* | 69.0* | 58.8* | 52                              |
| 56                                                                                                                             | 110  | 109  | 108  | 107  | 106  | 101  | 77.9* | 65.4* | 55.2* | 56                              |
| 60                                                                                                                             | 101  | 100  | 99.5 | 99.0 | 98.4 | 96.5 | 74.2* | 62.1* | 52.5* | 60                              |
| 64                                                                                                                             | 93.5 | 92.5 | 91.6 | 91.1 | 90.5 | 90.2 | 71.4* | 59.3* | 49.9* | 64                              |
| 68                                                                                                                             | 86.5 | 85.6 | 84.7 | 84.2 | 83.6 | 83.3 | 68.7* | 56.8* | 47.8* | 68                              |
| 72                                                                                                                             |      | 79.4 | 78.5 | 78.0 | 77.5 | 77.2 | 66.5  | 54.8* | 46.0* | 72                              |
| 76                                                                                                                             |      |      | 73.0 | 72.5 | 72.0 | 71.7 | 64.4  | 53.2* | 44.3* | 76                              |
| 80                                                                                                                             |      |      | 68.0 | 67.5 | 67.0 | 66.7 | 62.7  | 51.7* | 42.9* | 80                              |
| 84                                                                                                                             |      |      |      | 63.0 | 62.5 | 62.2 | 61.6  | 50.6  | 41.6* | 84                              |
| 88                                                                                                                             |      |      |      |      | 58.4 | 58.1 | 57.5  | 49.9  | 40.7* | 88                              |
| 92                                                                                                                             |      |      |      |      |      | 54.4 | 53.8  | 49.3  | 40.0* | 92                              |
| 96                                                                                                                             |      |      |      |      |      | 50.9 | 50.3  | 49.1  | 39.5  | 96                              |
| 100                                                                                                                            |      |      |      |      |      |      | 47.2  | 46.8  | 39.2  | 100                             |
| 104                                                                                                                            |      |      |      |      |      |      |       | 43.9  | 39.3  | 104                             |
| 108                                                                                                                            |      |      |      |      |      |      |       |       | 39.6  | 108                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

Unit: t

## Load Chart of HJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HJDB Configuration                                                                                                           |      |      |      |      |      |      |      |      |      |                                 |
|------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|---------------------------------|
| Boom length 78~126m, Superlift radius 18m, Superlift counterweight 0t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |                                 |
| Boom length<br>(m)<br>Radius(m)                                                                                              | 78   | 84   | 90   | 96   | 102  | 108  | 114  | 120  | 126  | Boom length<br>(m)<br>Radius(m) |
| 11                                                                                                                           | 216  | 207  |      |      |      |      |      |      |      | 11                              |
| 12                                                                                                                           | 198  | 191  | 184  | 166  |      |      |      |      |      | 12                              |
| 14                                                                                                                           | 170  | 164  | 158  | 153  | 143  | 122  | 107  | 92.5 |      | 14                              |
| 16                                                                                                                           | 148  | 143  | 138  | 134  | 130  | 122  | 107  | 92.5 | 79.5 | 16                              |
| 18                                                                                                                           | 130  | 126  | 122  | 119  | 115  | 112  | 107  | 91.7 | 78.8 | 18                              |
| 20                                                                                                                           | 116  | 113  | 109  | 106  | 103  | 101  | 98.2 | 90.9 | 78.0 | 20                              |
| 22                                                                                                                           | 104  | 101  | 98.5 | 95.9 | 93.3 | 91.1 | 88.6 | 86.3 | 77.2 | 22                              |
| 24                                                                                                                           | 95.0 | 92.0 | 89.2 | 86.9 | 84.6 | 82.6 | 80.3 | 78.3 | 76.0 | 24                              |
| 26                                                                                                                           | 86.5 | 83.8 | 81.2 | 79.1 | 77.0 | 75.2 | 73.1 | 71.3 | 69.2 | 26                              |
| 28                                                                                                                           | 77.9 | 76.6 | 74.2 | 72.3 | 70.4 | 68.8 | 66.8 | 65.2 | 63.3 | 28                              |
| 30                                                                                                                           | 70.3 | 69.5 | 68.1 | 66.3 | 64.5 | 63.1 | 61.3 | 59.8 | 58.0 | 30                              |
| 32                                                                                                                           | 63.8 | 63.0 | 62.2 | 61.0 | 59.4 | 58.0 | 56.3 | 54.9 | 53.2 | 32                              |
| 34                                                                                                                           | 58.1 | 57.3 | 56.5 | 56.1 | 54.8 | 53.5 | 51.9 | 50.6 | 49.0 | 34                              |
| 36                                                                                                                           | 53.2 | 52.4 | 51.6 | 51.2 | 50.6 | 49.5 | 47.9 | 46.7 | 45.2 | 36                              |
| 38                                                                                                                           | 48.8 | 48.0 | 47.2 | 46.8 | 46.3 | 45.8 | 44.3 | 43.2 | 41.7 | 38                              |
| 40                                                                                                                           | 45.0 | 44.1 | 43.3 | 42.9 | 42.4 | 42.2 | 41.0 | 39.9 | 38.5 | 40                              |
| 44                                                                                                                           | 38.4 | 37.5 | 36.7 | 36.2 | 35.8 | 35.5 | 35.0 | 34.3 | 33.0 | 44                              |
| 48                                                                                                                           | 32.9 | 32.1 | 31.2 | 30.8 | 30.3 | 30.1 | 29.5 | 29.2 | 28.2 | 48                              |
| 52                                                                                                                           | 28.4 | 27.5 | 26.7 | 26.2 | 25.7 | 25.5 | 24.9 | 24.6 | 24.0 | 52                              |
| 56                                                                                                                           | 24.5 | 23.6 | 22.8 | 22.4 | 21.9 | 21.6 | 21.1 | 20.7 | 20.1 | 56                              |
| 60                                                                                                                           | 21.2 | 20.3 | 19.5 | 19.0 | 18.5 | 18.3 | 17.7 | 17.4 | 16.8 | 60                              |
| 64                                                                                                                           | 18.3 | 17.4 | 16.6 | 16.1 | 15.7 | 15.4 | 14.8 | 14.5 | 13.9 | 64                              |
| 68                                                                                                                           | 15.7 | 14.8 | 14.0 | 13.6 | 13.1 | 12.9 | 12.3 | 12.0 | 11.3 | 68                              |
| 72                                                                                                                           |      | 12.5 | 11.8 | 11.3 | 10.8 | 10.6 | 10.0 | 9.7  | 9.1  | 72                              |
| 76                                                                                                                           |      |      | 9.7  | 9.3  | 8.8  | 8.6  | 8.0  | 7.7  | 7.0  | 76                              |
| 80                                                                                                                           |      |      | 7.9  | 7.5  | 7.0  | 6.8  | 6.2  | 5.9  | 5.2  | 80                              |
| 84                                                                                                                           |      |      |      | 5.8  | 5.3  | 5.1  | 4.6  | 4.2  | 3.6  | 84                              |
| 88                                                                                                                           |      |      |      |      | 3.8  | 3.6  | 3.1  | 2.7  | 2.1  | 88                              |
| 92                                                                                                                           |      |      |      |      |      | 2.2  | 1.7  | 1.4  | 0.7  | 92                              |
| 96                                                                                                                           |      |      |      |      |      | 0.9  | 0.4  |      |      | 96                              |

## Boom Combination in HJFJ\_3

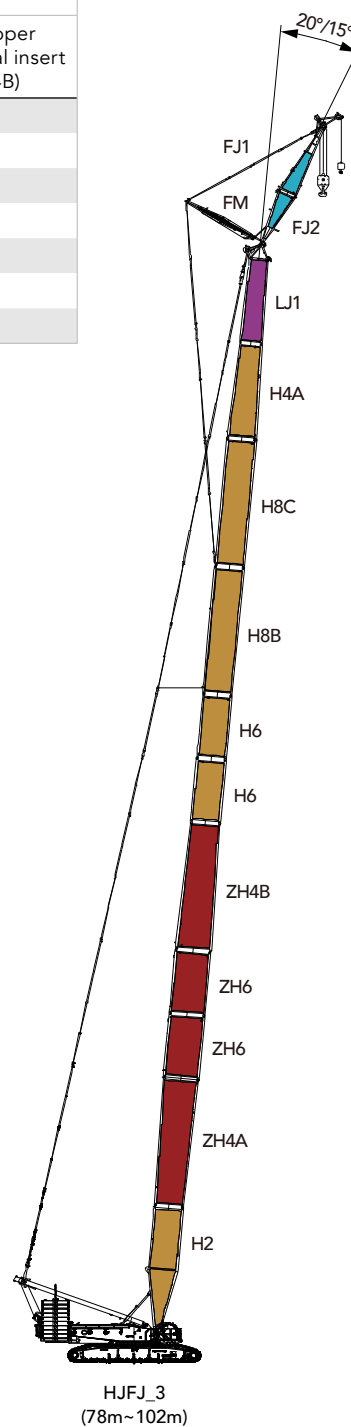
Boom Combination in HJFJ\_3

| Boom length (m) | Standard boom insert |         |            |            | Power boom insert                     |                   |                                       |
|-----------------|----------------------|---------|------------|------------|---------------------------------------|-------------------|---------------------------------------|
|                 | 3m/(H5)              | 6m/(H6) | 12mA/(H8B) | 12mA/(H8C) | 12m lower transitional insert /(ZH4A) | 12m insert /(ZH6) | 12m upper transitional insert /(ZH4B) |
| 78**            | -                    | -       | -          | 1          | 1                                     | 2                 | 1                                     |
| 84**            | -                    | 1       | -          | 1          | 1                                     | 2                 | 1                                     |
| 90**            | -                    | -       | 1          | 1          | 1                                     | 2                 | 1                                     |
| 93**            | 1                    | -       | 1          | 1          | 1                                     | 2                 | 1                                     |
| 96**            | -                    | 1       | 1          | 1          | 1                                     | 2                 | 1                                     |
| 99**            | 1                    | 1       | 1          | 1          | 1                                     | 2                 | 1                                     |
| 102**           | -                    | 2       | 1          | 1          | 1                                     | 2                 | 1                                     |

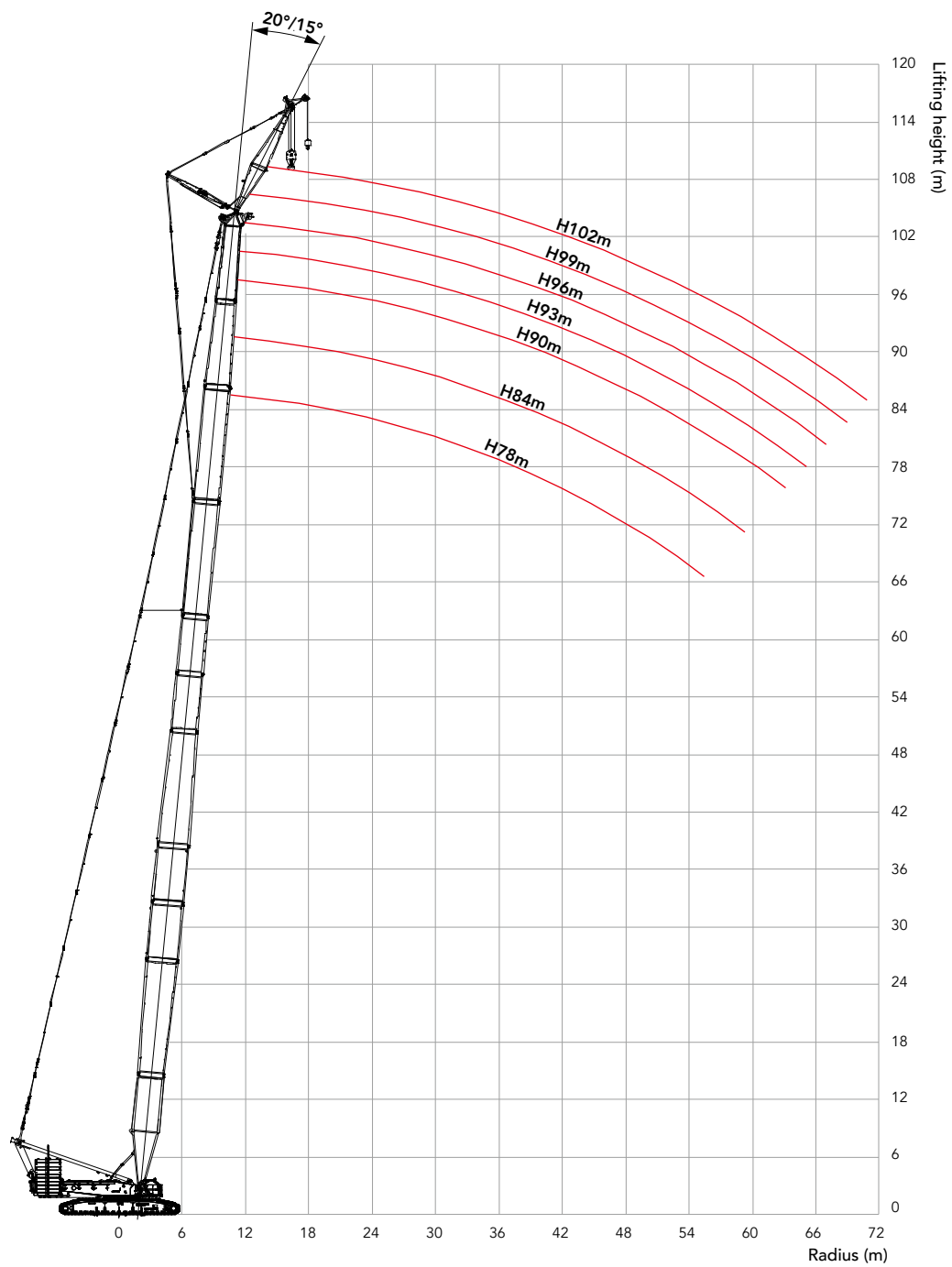
Note: For combinations with "\*\*", the mid-point suspension cable must be used, otherwise, the boom system may break.

The use of mid-point suspension cable must be strictly in accordance with the Operation Manual.

Attention: If the boom length is 78m and 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 HJFJ\_3



Load Chart of HJFJ\_3

- Note:
- 1. Meet ISO 4305 standard;
  - 2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HJFJ_3 Configuration                                                                                                                     |      |      |      |      |      |      |      |                          |
|------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|--------------------------|
| Boom length 78m~102m, Jib length 12m, Offset angle 15°, Rear counterweight 190t, Additional counterweight 47t, Carbody counterweight 50t |      |      |      |      |      |      |      |                          |
| Boom length<br>Radius(m)                                                                                                                 | 78   | 84   | 90   | 93   | 96   | 99   | 102  | Boom length<br>Radius(m) |
| 14                                                                                                                                       | 160  |      |      |      |      |      |      | 14                       |
| 16                                                                                                                                       | 160  | 160  | 147  | 148  | 145  | 143  | 133  | 16                       |
| 18                                                                                                                                       | 152  | 149  | 141  | 144  | 142  | 139  | 132  | 18                       |
| 20                                                                                                                                       | 139  | 135  | 135  | 134  | 133  | 130  | 129  | 20                       |
| 22                                                                                                                                       | 127  | 124  | 124  | 123  | 122  | 120  | 118  | 22                       |
| 24                                                                                                                                       | 117  | 114  | 115  | 113  | 111  | 110  | 109  | 24                       |
| 26                                                                                                                                       | 108  | 105  | 106  | 105  | 103  | 102  | 101  | 26                       |
| 28                                                                                                                                       | 101  | 97.7 | 98.1 | 96.7 | 95.4 | 94.0 | 92.8 | 28                       |
| 30                                                                                                                                       | 93.4 | 90.8 | 90.5 | 89.2 | 88.0 | 86.6 | 85.5 | 30                       |
| 32                                                                                                                                       | 86.5 | 85.1 | 83.8 | 82.5 | 81.4 | 80.1 | 79.0 | 32                       |
| 34                                                                                                                                       | 79.1 | 78.4 | 77.8 | 76.5 | 75.5 | 74.3 | 73.2 | 34                       |
| 36                                                                                                                                       | 72.7 | 71.9 | 71.3 | 70.8 | 70.2 | 69.0 | 68.0 | 36                       |
| 38                                                                                                                                       | 67.0 | 66.2 | 65.6 | 65.1 | 64.8 | 64.2 | 63.3 | 38                       |
| 40                                                                                                                                       | 62.0 | 61.2 | 60.6 | 60.1 | 59.7 | 59.2 | 58.7 | 40                       |
| 44                                                                                                                                       | 53.4 | 52.6 | 52.0 | 51.4 | 51.1 | 50.6 | 50.2 | 44                       |
| 48                                                                                                                                       | 46.4 | 45.6 | 44.9 | 44.4 | 44.0 | 43.5 | 43.2 | 48                       |
| 52                                                                                                                                       | 40.5 | 39.7 | 39.0 | 38.5 | 38.2 | 37.6 | 37.2 | 52                       |
| 56                                                                                                                                       | 35.6 | 34.7 | 34.1 | 33.5 | 33.2 | 32.6 | 32.2 | 56                       |
| 60                                                                                                                                       | 31.3 | 30.4 | 29.8 | 29.2 | 28.9 | 28.3 | 27.9 | 60                       |
| 64                                                                                                                                       | 27.6 | 26.7 | 26.1 | 25.5 | 25.2 | 24.6 | 24.2 | 64                       |
| 68                                                                                                                                       | 24.3 | 23.4 | 22.8 | 22.2 | 21.9 | 21.3 | 20.9 | 68                       |
| 72                                                                                                                                       | 21.4 | 20.5 | 19.9 | 19.3 | 19.0 | 18.4 | 18.1 | 72                       |
| 76                                                                                                                                       | 18.8 | 18.0 | 17.3 | 16.8 | 16.4 | 15.8 | 15.5 | 76                       |
| 80                                                                                                                                       | 16.4 | 15.6 | 15.0 | 14.4 | 14.1 | 13.5 | 13.2 | 80                       |
| 84                                                                                                                                       |      | 13.5 | 12.9 | 12.3 | 12.0 | 11.4 | 11.1 | 84                       |
| 88                                                                                                                                       |      |      | 11.0 | 10.4 | 10.1 | 9.5  | 9.2  | 88                       |
| 92                                                                                                                                       |      |      | 9.2  | 8.7  | 8.3  | 7.8  | 7.3  | 92                       |
| 96                                                                                                                                       |      |      |      |      | 6.7  | 6.2  | 5.3  | 96                       |

## Load Chart of HJFJ\_3

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HJFJ_3 Configuration                                                                                                                        |      |      |      |      |      |      |      |                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|---------------------------------|
| Boom length 78m~102m, Jib length 12m, Offset angle 20°, Rear counterweight 190t,<br>Additional counterweight 47t, Carbody counterweight 50t |      |      |      |      |      |      |      |                                 |
| Boom length<br>(m)<br>Radius(m)                                                                                                             | 78   | 84   | 90   | 93   | 96   | 99   | 102  | Boom length<br>(m)<br>Radius(m) |
| 16                                                                                                                                          | 155  | 155  | 137  | 139  |      |      |      | 16                              |
| 18                                                                                                                                          | 149  | 149  | 133  | 135  | 133  | 131  | 130  | 18                              |
| 20                                                                                                                                          | 137  | 135  | 129  | 131  | 130  | 128  | 126  | 20                              |
| 22                                                                                                                                          | 127  | 125  | 124  | 122  | 120  | 119  | 118  | 22                              |
| 24                                                                                                                                          | 116  | 114  | 114  | 112  | 112  | 110  | 109  | 24                              |
| 26                                                                                                                                          | 108  | 105  | 105  | 104  | 103  | 101  | 100  | 26                              |
| 28                                                                                                                                          | 99.9 | 97.5 | 98.2 | 97.0 | 95.5 | 93.7 | 93.0 | 28                              |
| 30                                                                                                                                          | 93.5 | 90.7 | 91.1 | 89.8 | 88.7 | 87.3 | 86.2 | 30                              |
| 32                                                                                                                                          | 87.0 | 84.1 | 84.4 | 83.1 | 82.0 | 80.7 | 79.7 | 32                              |
| 34                                                                                                                                          | 79.6 | 78.6 | 78.3 | 77.1 | 76.1 | 74.8 | 73.8 | 34                              |
| 36                                                                                                                                          | 73.1 | 72.4 | 71.8 | 71.3 | 70.7 | 69.5 | 68.0 | 36                              |
| 38                                                                                                                                          | 67.4 | 66.7 | 66.1 | 65.6 | 65.3 | 64.7 | 63.1 | 38                              |
| 40                                                                                                                                          | 62.3 | 61.6 | 61.0 | 60.5 | 60.2 | 59.7 | 58.8 | 40                              |
| 44                                                                                                                                          | 53.7 | 52.9 | 52.3 | 51.8 | 51.5 | 51.0 | 50.6 | 44                              |
| 48                                                                                                                                          | 46.6 | 45.8 | 45.2 | 44.7 | 44.4 | 43.8 | 43.5 | 48                              |
| 52                                                                                                                                          | 40.7 | 39.9 | 39.3 | 38.8 | 38.4 | 37.9 | 37.5 | 52                              |
| 56                                                                                                                                          | 35.7 | 34.9 | 34.3 | 33.7 | 33.4 | 32.9 | 32.5 | 56                              |
| 60                                                                                                                                          | 31.4 | 30.6 | 30.0 | 29.4 | 29.1 | 28.5 | 28.2 | 60                              |
| 64                                                                                                                                          | 27.7 | 26.8 | 26.2 | 25.7 | 25.3 | 24.8 | 24.4 | 64                              |
| 68                                                                                                                                          | 24.4 | 23.6 | 22.9 | 22.4 | 22.0 | 21.5 | 21.1 | 68                              |
| 72                                                                                                                                          | 21.5 | 20.6 | 20.0 | 19.5 | 19.1 | 18.6 | 18.2 | 72                              |
| 76                                                                                                                                          | 18.8 | 18.0 | 17.4 | 16.9 | 16.5 | 16.0 | 15.6 | 76                              |
| 80                                                                                                                                          | 16.4 | 15.7 | 15.1 | 14.5 | 14.2 | 13.6 | 13.3 | 80                              |
| 84                                                                                                                                          |      | 13.5 | 12.9 | 12.4 | 12.1 | 11.5 | 11.2 | 84                              |
| 88                                                                                                                                          |      |      | 11.0 | 10.5 | 10.1 | 9.6  | 9.2  | 88                              |
| 92                                                                                                                                          |      |      | 9.2  | 8.7  | 8.4  | 7.8  | 7.5  | 92                              |
| 96                                                                                                                                          |      |      |      |      | 6.7  | 6.2  | 5.4  | 96                              |

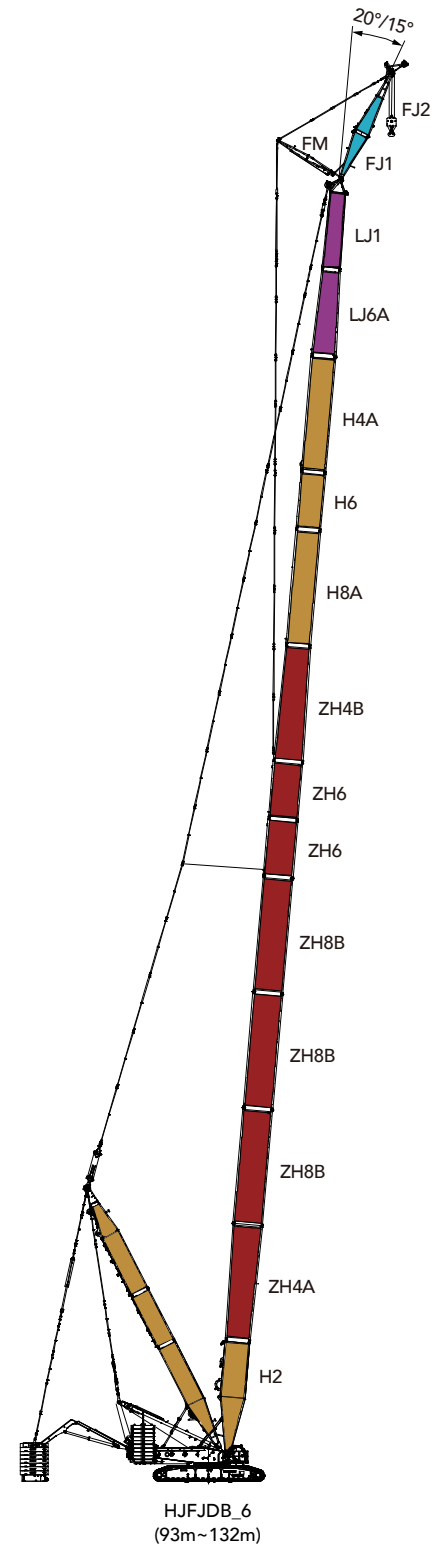
## Boom Combination in HJFJDB\_6

Boom Combination in HJFJDB\_6

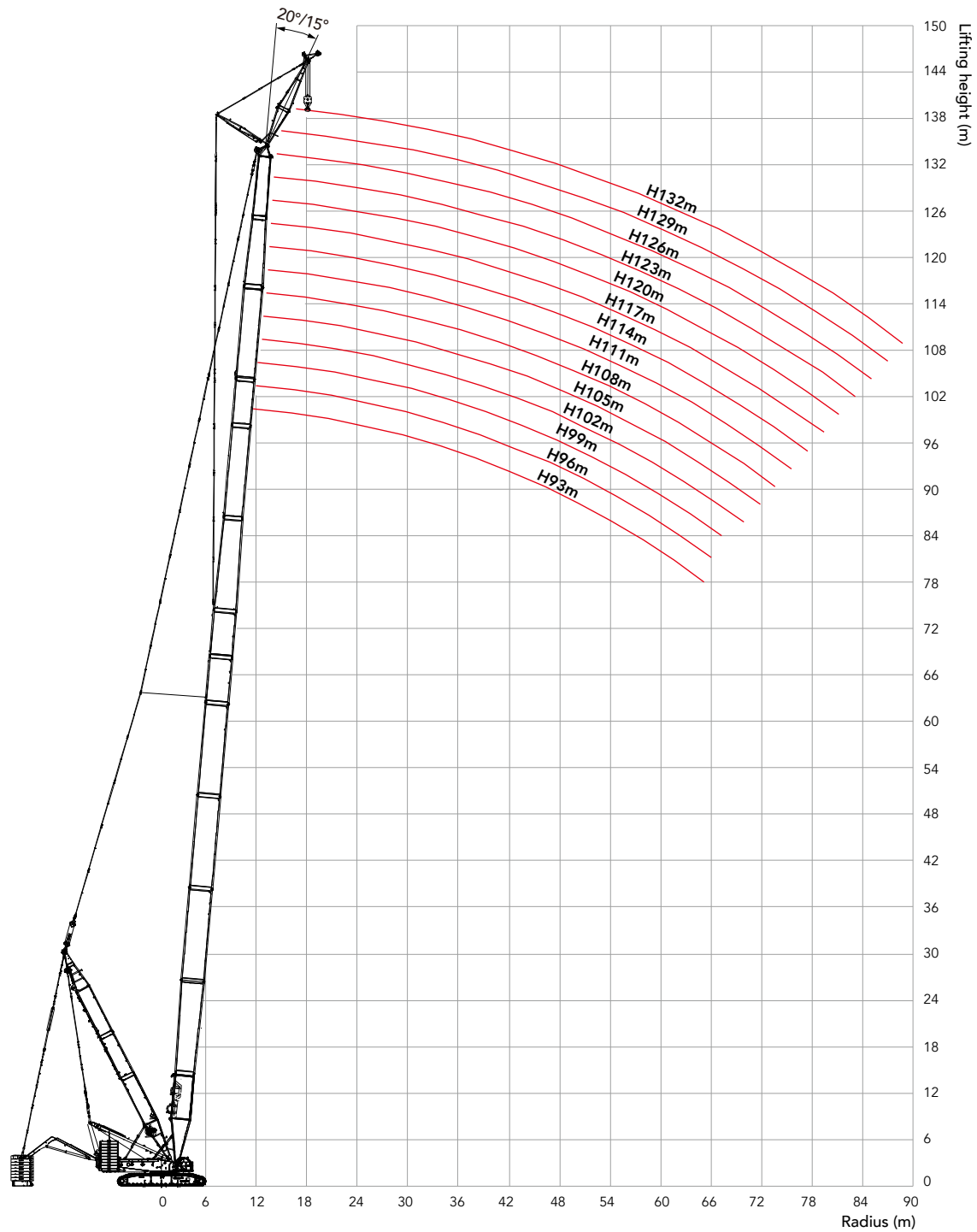
| Boom length (m) | Standard boom insert |          |             |             | Power boom insert                     |                                 |                             |                                       |
|-----------------|----------------------|----------|-------------|-------------|---------------------------------------|-----------------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

Note: For combinations with "\*\*\*", the mid-point suspension cable must be used, otherwise, the boom system may break.

The use of mid-point suspension cable must be strictly in accordance with the Operation Manual.



## Working Radius in HJFJDB\_6



## Load Chart of HJFJDB\_6

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HJFJDB_6 Configuration                                                                                                                                         |      |       |       |      |      |      |       |      |      |      |      |      |       |       |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|------|------|------|-------|------|------|------|------|------|-------|-------|--------------------------|
| Boom length 93m~132m, Jib length 12m, Offset angle 15°, Superlift radius 18m, Superlift counterweight 280t, Rear counterweight 160t, Carbody counterweight 50t |      |       |       |      |      |      |       |      |      |      |      |      |       |       |                          |
| Boom length<br>Radius(m)                                                                                                                                       | 93   | 96    | 99    | 102  | 105  | 108  | 111   | 114  | 117  | 120  | 123  | 126  | 129   | 132   | Boom length<br>Radius(m) |
| 16                                                                                                                                                             | 160* | 160*  | 160*  | 160* |      |      |       |      |      |      |      |      |       |       | 16                       |
| 18                                                                                                                                                             | 160* | 160*  | 160*  | 160* | 167* | 165* | 156*  | 147* | 139* | 132* | 125* | 119* |       |       | 18                       |
| 20                                                                                                                                                             | 160* | 160*  | 160*  | 160* | 164* | 163* | 157*  | 148* | 140* | 132* | 125* | 119* | 112*  | 105*  | 20                       |
| 22                                                                                                                                                             | 160* | 160*  | 160*  | 160* | 159* | 159* | 157*  | 148* | 140* | 132* | 125* | 118* | 111*  | 104*  | 22                       |
| 24                                                                                                                                                             | 158* | 158*  | 157*  | 156* | 155* | 154* | 152*  | 148* | 140* | 132* | 124* | 118* | 110*  | 103*  | 24                       |
| 26                                                                                                                                                             | 153* | 154*  | 149*  | 151* | 151* | 151* | 146*  | 149* | 139* | 131* | 123* | 117* | 109*  | 102*  | 26                       |
| 28                                                                                                                                                             | 150* | 149*  | 143*  | 147* | 147* | 147* | 141*  | 148* | 138* | 130* | 121* | 115* | 108*  | 101*  | 28                       |
| 30                                                                                                                                                             | 145* | 143*  | 137*  | 143* | 143* | 143* | 135*  | 146* | 137* | 129* | 120* | 114* | 107*  | 100*  | 30                       |
| 32                                                                                                                                                             | 140* | 137*  | 131*  | 139* | 140* | 137* | 130*  | 144* | 136* | 127* | 119* | 113* | 106*  | 99.7* | 32                       |
| 34                                                                                                                                                             | 136* | 132*  | 126*  | 134* | 135* | 132* | 125*  | 139* | 133* | 126* | 118* | 112* | 105*  | 98.5* | 34                       |
| 36                                                                                                                                                             | 132* | 127*  | 121*  | 131* | 131* | 127* | 121*  | 136* | 129* | 123* | 115* | 111* | 104*  | 97.4* | 36                       |
| 38                                                                                                                                                             | 128* | 122*  | 116*  | 128* | 128* | 123* | 118*  | 132* | 125* | 119* | 112* | 109* | 102*  | 96.2* | 38                       |
| 40                                                                                                                                                             | 124* | 117*  | 112*  | 124* | 125* | 119* | 113*  | 128  | 121* | 116* | 108* | 108* | 101*  | 95.0* | 40                       |
| 44                                                                                                                                                             | 115* | 109*  | 104*  | 118  | 116  | 111* | 105*  | 122  | 114  | 109  | 102* | 103* | 98.1* | 92.5* | 44                       |
| 48                                                                                                                                                             | 108* | 103*  | 98.1* | 112  | 109  | 104* | 99.8* | 115  | 108  | 104  | 97.1 | 97.2 | 92.9* | 87.7* | 48                       |
| 52                                                                                                                                                             | 102  | 96.8* | 92.6* | 107  | 103  | 98.4 | 93.5  | 110  | 103  | 99.1 | 91.8 | 91.4 | 87.4  | 83.4* | 52                       |
| 56                                                                                                                                                             | 97.2 | 92.1  | 87.3  | 102  | 97.7 | 93.3 | 87.9  | 100  | 98.4 | 94.2 | 87.7 | 85.9 | 82.1  | 78.8* | 56                       |
| 60                                                                                                                                                             | 92.7 | 87.5  | 82.7  | 93.1 | 92.5 | 88.2 | 83.6  | 91.2 | 90.6 | 89.5 | 83.8 | 81.5 | 77.9  | 74.4  | 60                       |
| 64                                                                                                                                                             | 87.1 | 84.1  | 78.7  | 85.2 | 84.5 | 83.7 | 79.7  | 83.3 | 82.6 | 82.3 | 79.5 | 77.4 | 74.0  | 70.6  | 64                       |
| 68                                                                                                                                                             | 80.1 | 79.8  | 75.9  | 78.2 | 77.5 | 77.2 | 75.8  | 76.3 | 75.6 | 75.3 | 74.6 | 73.3 | 70.1  | 66.9  | 68                       |
| 72                                                                                                                                                             | 73.9 | 73.6  | 72.9  | 72.0 | 71.3 | 71.0 | 70.4  | 70.1 | 69.4 | 69.1 | 68.4 | 68.0 | 66.5  | 63.4  | 72                       |
| 76                                                                                                                                                             | 68.3 | 68.0  | 67.4  | 66.4 | 65.7 | 65.4 | 64.8  | 64.5 | 63.8 | 63.5 | 62.8 | 62.5 | 61.8  | 60.9  | 76                       |
| 80                                                                                                                                                             | 63.2 | 62.9  | 62.4  | 61.4 | 60.7 | 60.4 | 59.8  | 59.5 | 58.8 | 58.5 | 57.8 | 57.4 | 56.8  | 56.4  | 80                       |
| 84                                                                                                                                                             | 58.7 | 58.4  | 57.8  | 56.8 | 56.2 | 55.9 | 55.2  | 54.9 | 54.3 | 53.9 | 53.3 | 52.9 | 52.2  | 51.9  | 84                       |
| 88                                                                                                                                                             | 54.5 | 54.2  | 53.7  | 52.7 | 52.0 | 51.7 | 51.1  | 50.8 | 50.1 | 49.8 | 49.1 | 48.8 | 48.1  | 47.7  | 88                       |
| 92                                                                                                                                                             | 50.7 | 50.4  | 49.8  | 48.8 | 48.2 | 47.9 | 47.3  | 47.0 | 46.3 | 46.0 | 45.3 | 45.0 | 44.3  | 44.0  | 92                       |
| 96                                                                                                                                                             |      | 46.9  | 46.3  | 45.3 | 44.7 | 44.4 | 43.8  | 43.5 | 42.9 | 42.5 | 41.9 | 41.5 | 40.8  | 40.5  | 96                       |
| 100                                                                                                                                                            |      |       | 43.1  | 42.1 | 41.5 | 41.2 | 40.6  | 40.3 | 39.7 | 39.3 | 38.7 | 38.3 | 37.6  | 37.3  | 100                      |
| 104                                                                                                                                                            |      |       |       |      | 38.5 | 38.2 | 37.6  | 37.3 | 36.7 | 36.4 | 35.7 | 35.4 | 34.7  | 34.3  | 104                      |
| 108                                                                                                                                                            |      |       |       |      |      |      | 34.8  | 34.6 | 33.9 | 33.6 | 33.0 | 32.6 | 31.9  | 31.6  | 108                      |
| 112                                                                                                                                                            |      |       |       |      |      |      |       | 32.0 | 31.3 | 31.0 | 30.4 | 30.1 | 29.4  | 29.1  | 112                      |
| 116                                                                                                                                                            |      |       |       |      |      |      |       |      |      | 28.6 | 28.0 | 27.7 | 27.0  | 26.7  | 116                      |
| 120                                                                                                                                                            |      |       |       |      |      |      |       |      |      |      | 25.7 | 25.4 | 24.7  | 24.4  | 120                      |
| 124                                                                                                                                                            |      |       |       |      |      |      |       |      |      |      |      |      | 22.6  | 22.3  | 124                      |
| 128                                                                                                                                                            |      |       |       |      |      |      |       |      |      |      |      |      |       | 20.3  | 128                      |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

Unit: t

**Load Chart of HJFJDB\_6**

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HJFJDB_6 Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|
| Boom length 93m~132m, Jib length 12m, Offset angle 15°, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                          |
| Boom length<br>Radius(m)                                                                                                                                     | 93   | 96   | 99   | 102  | 105  | 108  | 111  | 114  | 117  | 120  | 123  | 126  | 129  | 132  | Boom length<br>Radius(m) |
| 16                                                                                                                                                           | 129  | 127  | 125  | 122  |      |      |      |      |      |      |      |      |      |      | 16                       |
| 18                                                                                                                                                           | 114  | 112  | 110  | 108  | 106  | 105  | 103  | 101  | 100  | 98.5 | 96.7 | 95.2 |      |      | 18                       |
| 20                                                                                                                                                           | 102  | 100  | 98.8 | 96.8 | 95.1 | 93.7 | 92.1 | 90.7 | 89.1 | 87.7 | 86.1 | 84.8 | 83.1 | 81.9 | 20                       |
| 22                                                                                                                                                           | 91.5 | 90.2 | 88.7 | 86.7 | 85.2 | 84.0 | 82.4 | 81.2 | 79.7 | 78.5 | 77.0 | 75.8 | 74.3 | 73.2 | 22                       |
| 24                                                                                                                                                           | 82.5 | 81.4 | 79.9 | 78.1 | 76.7 | 75.6 | 74.2 | 73.1 | 71.7 | 70.6 | 69.2 | 68.1 | 66.7 | 65.6 | 24                       |
| 26                                                                                                                                                           | 74.8 | 73.7 | 72.4 | 70.7 | 69.3 | 68.3 | 67.0 | 66.0 | 64.7 | 63.7 | 62.3 | 61.3 | 60.0 | 59.0 | 26                       |
| 28                                                                                                                                                           | 68.0 | 67.0 | 65.8 | 64.1 | 62.9 | 61.9 | 60.7 | 59.7 | 58.5 | 57.5 | 56.3 | 55.3 | 54.1 | 53.2 | 28                       |
| 30                                                                                                                                                           | 62.0 | 61.1 | 60.0 | 58.4 | 57.1 | 56.3 | 55.1 | 54.2 | 53.0 | 52.1 | 50.9 | 50.0 | 48.8 | 48.0 | 30                       |
| 32                                                                                                                                                           | 56.7 | 55.9 | 54.8 | 53.2 | 52.1 | 51.3 | 50.1 | 49.3 | 48.1 | 47.3 | 46.2 | 45.3 | 44.1 | 43.3 | 32                       |
| 34                                                                                                                                                           | 52.0 | 51.2 | 50.1 | 48.6 | 47.5 | 46.7 | 45.6 | 44.9 | 43.7 | 43.0 | 41.9 | 41.0 | 39.9 | 39.1 | 34                       |
| 36                                                                                                                                                           | 47.7 | 47.0 | 46.0 | 44.5 | 43.4 | 42.7 | 41.6 | 40.9 | 39.8 | 39.0 | 38.0 | 37.2 | 36.1 | 35.3 | 36                       |
| 38                                                                                                                                                           | 43.9 | 43.2 | 42.2 | 40.7 | 39.7 | 39.0 | 37.9 | 37.2 | 36.2 | 35.5 | 34.4 | 33.7 | 32.6 | 31.9 | 38                       |
| 40                                                                                                                                                           | 40.4 | 39.7 | 38.7 | 37.3 | 36.3 | 35.6 | 34.6 | 33.9 | 32.9 | 32.2 | 31.2 | 30.5 | 29.4 | 28.7 | 40                       |
| 44                                                                                                                                                           | 33.5 | 33.3 | 32.7 | 31.3 | 30.3 | 29.7 | 28.7 | 28.1 | 27.1 | 26.5 | 25.5 | 24.8 | 23.8 | 23.2 | 44                       |
| 48                                                                                                                                                           | 27.9 | 27.6 | 27.1 | 26.2 | 25.3 | 24.7 | 23.8 | 23.2 | 22.2 | 21.6 | 20.7 | 20.0 | 19.0 | 18.4 | 48                       |
| 52                                                                                                                                                           | 23.1 | 22.9 | 22.3 | 21.4 | 20.8 | 20.4 | 19.5 | 18.9 | 18.0 | 17.4 | 16.5 | 15.9 | 14.9 | 14.3 | 52                       |
| 56                                                                                                                                                           | 19.1 | 18.8 | 18.3 | 17.4 | 16.8 | 16.5 | 15.7 | 15.2 | 14.3 | 13.7 | 12.8 | 12.2 | 11.3 | 10.7 | 56                       |
| 60                                                                                                                                                           | 15.6 | 15.3 | 14.8 | 13.9 | 13.3 | 13.0 | 12.4 | 12.0 | 11.1 | 10.5 | 9.6  | 9.1  | 8.1  | 7.6  | 60                       |
| 64                                                                                                                                                           | 12.6 | 12.3 | 11.8 | 10.9 | 10.3 | 10.0 | 9.4  | 9.1  | 8.2  | 7.7  | 6.8  | 6.2  | 5.3  | 4.8  | 64                       |
| 68                                                                                                                                                           | 9.9  | 9.7  | 9.1  | 8.2  | 7.6  | 7.3  | 6.7  | 6.5  | 5.6  | 5.1  | 4.2  | 3.7  | 2.8  | 2.3  | 68                       |
| 72                                                                                                                                                           | 7.6  | 7.3  | 6.8  | 5.8  | 5.2  | 5.0  | 4.4  | 4.1  | 3.3  | 2.8  | 1.9  | 1.4  | 0.5  |      | 72                       |
| 76                                                                                                                                                           | 5.5  | 5.2  | 4.7  | 3.7  | 3.1  | 2.9  | 2.3  | 2.0  | 1.2  | 0.7  |      |      |      |      | 76                       |
| 80                                                                                                                                                           | 3.6  | 3.3  | 2.8  | 1.8  | 1.2  | 1.0  | 0.4  |      |      |      |      |      |      |      | 80                       |
| 84                                                                                                                                                           | 1.8  | 1.6  | 1.0  |      |      |      |      |      |      |      |      |      |      |      | 84                       |

## Load Chart of HJFJDB\_6

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HJFJDB_6 Configuration                                                                                                                                         |      |       |       |      |      |      |       |      |      |      |       |       |       |       |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|------|------|------|-------|------|------|------|-------|-------|-------|-------|--------------------------|
| Boom length 93m~132m, Jib length 12m, Offset angle 20°, Superlift radius 18m, Superlift counterweight 280t, Rear counterweight 160t, Carbody counterweight 50t |      |       |       |      |      |      |       |      |      |      |       |       |       |       |                          |
| Boom length<br>Radius(m)                                                                                                                                       | 93   | 96    | 99    | 102  | 105  | 108  | 111   | 114  | 117  | 120  | 123   | 126   | 129   | 132   | Boom length<br>Radius(m) |
| 16                                                                                                                                                             | 160* |       |       |      |      |      |       |      |      |      |       |       |       |       | 16                       |
| 18                                                                                                                                                             | 157* | 157*  | 158*  | 156* | 157* | 156* | 152*  | 145* | 137* |      |       |       |       |       | 18                       |
| 20                                                                                                                                                             | 151* | 152*  | 154*  | 151* | 152* | 153* | 152*  | 145* | 137* | 129* | 123*  | 118*  | 111*  | 105*  | 20                       |
| 22                                                                                                                                                             | 146* | 148*  | 150*  | 147* | 148* | 150* | 149*  | 145* | 137* | 130* | 123*  | 118*  | 111*  | 104*  | 22                       |
| 24                                                                                                                                                             | 142* | 144*  | 145*  | 143* | 144* | 145* | 146*  | 145* | 138* | 130* | 123*  | 117*  | 110*  | 103*  | 24                       |
| 26                                                                                                                                                             | 138* | 139*  | 141*  | 138* | 141* | 142* | 142*  | 145* | 138* | 131* | 122*  | 116*  | 109*  | 102*  | 26                       |
| 28                                                                                                                                                             | 134* | 136*  | 137*  | 135* | 137* | 138* | 136*  | 142* | 138* | 130* | 121*  | 115*  | 108*  | 101*  | 28                       |
| 30                                                                                                                                                             | 130* | 133*  | 133*  | 131* | 133* | 135* | 132*  | 138* | 137* | 129* | 120*  | 115*  | 107*  | 100*  | 30                       |
| 32                                                                                                                                                             | 127* | 128*  | 128*  | 129* | 130* | 132* | 127*  | 135* | 134* | 127* | 119*  | 113*  | 106*  | 99.9* | 32                       |
| 34                                                                                                                                                             | 124* | 126*  | 122*  | 125* | 127* | 128* | 123*  | 133* | 130* | 123* | 116*  | 112*  | 105*  | 98.9* | 34                       |
| 36                                                                                                                                                             | 121* | 122*  | 118*  | 122* | 124* | 124* | 118*  | 130* | 126* | 120* | 112*  | 111*  | 104*  | 97.8* | 36                       |
| 38                                                                                                                                                             | 118* | 118*  | 113*  | 119* | 122* | 120* | 114*  | 127* | 122* | 117* | 109*  | 110*  | 103*  | 96.7* | 38                       |
| 40                                                                                                                                                             | 115* | 115*  | 110*  | 117* | 119* | 115* | 110*  | 124* | 119* | 113* | 105*  | 107*  | 101*  | 95.5* | 40                       |
| 44                                                                                                                                                             | 110* | 107*  | 102*  | 112* | 113  | 109* | 103*  | 118  | 113  | 107* | 100*  | 101*  | 96.1* | 91.3* | 44                       |
| 48                                                                                                                                                             | 106* | 101*  | 96.2* | 108  | 106  | 101* | 97.8* | 112  | 106  | 102  | 95.1* | 94.8* | 91.1* | 86.5* | 48                       |
| 52                                                                                                                                                             | 100  | 95.0* | 91.0* | 104  | 101  | 96.3 | 91.6* | 107  | 101  | 97.2 | 90.5  | 89.7  | 86.3  | 81.9* | 52                       |
| 56                                                                                                                                                             | 95.4 | 90.5  | 85.8* | 100  | 95.7 | 91.4 | 86.2  | 100  | 96.6 | 92.5 | 86.0  | 84.8  | 81.1  | 77.4* | 56                       |
| 60                                                                                                                                                             | 91.1 | 86.0  | 81.4  | 93.4 | 91.4 | 86.6 | 82.1  | 91.5 | 90.8 | 87.9 | 82.2  | 80.6  | 77.0  | 73.5  | 60                       |
| 64                                                                                                                                                             | 87.2 | 82.8  | 77.6  | 85.4 | 84.8 | 82.3 | 78.5  | 83.5 | 82.9 | 82.5 | 78.6  | 76.5  | 73.1  | 69.7  | 64                       |
| 68                                                                                                                                                             | 80.2 | 79.4  | 74.8  | 78.4 | 77.7 | 77.4 | 74.7  | 76.5 | 75.8 | 75.5 | 74.9  | 72.7  | 69.3  | 66.1  | 68                       |
| 72                                                                                                                                                             | 74.0 | 73.7  | 72.0  | 72.1 | 71.5 | 71.2 | 70.6  | 70.3 | 69.6 | 69.3 | 68.6  | 68.3  | 66.2  | 63.1  | 72                       |
| 76                                                                                                                                                             | 68.4 | 68.1  | 67.5  | 66.5 | 65.9 | 65.6 | 65.0  | 64.7 | 64.0 | 63.7 | 63.0  | 62.7  | 62.0  | 60.2  | 76                       |
| 80                                                                                                                                                             | 63.3 | 63.0  | 62.5  | 61.5 | 60.8 | 60.6 | 59.9  | 59.6 | 59.0 | 58.6 | 58.0  | 57.6  | 56.9  | 56.6  | 80                       |
| 84                                                                                                                                                             | 58.7 | 58.4  | 57.9  | 56.9 | 56.3 | 56.0 | 55.3  | 55.1 | 54.4 | 54.1 | 53.4  | 53.1  | 52.4  | 52.0  | 84                       |
| 88                                                                                                                                                             | 54.5 | 54.3  | 53.7  | 52.7 | 52.1 | 51.8 | 51.2  | 50.9 | 50.2 | 49.9 | 49.3  | 48.9  | 48.2  | 47.9  | 88                       |
| 92                                                                                                                                                             | 50.7 | 50.4  | 49.9  | 48.9 | 48.3 | 48.0 | 47.4  | 47.1 | 46.4 | 46.1 | 45.5  | 45.1  | 44.4  | 44.1  | 92                       |
| 96                                                                                                                                                             |      | 46.9  | 46.4  | 45.4 | 44.8 | 44.5 | 43.9  | 43.6 | 42.9 | 42.6 | 42.0  | 41.6  | 41.0  | 40.6  | 96                       |
| 100                                                                                                                                                            |      |       | 43.1  | 42.1 | 41.5 | 41.3 | 40.6  | 40.4 | 39.7 | 39.4 | 38.8  | 38.4  | 37.7  | 37.4  | 100                      |
| 104                                                                                                                                                            |      |       |       |      | 38.5 | 38.2 | 37.6  | 37.4 | 36.7 | 36.4 | 35.8  | 35.4  | 34.8  | 34.4  | 104                      |
| 108                                                                                                                                                            |      |       |       |      |      |      | 34.8  | 34.6 | 33.9 | 33.6 | 33.0  | 32.7  | 32.0  | 31.7  | 108                      |
| 112                                                                                                                                                            |      |       |       |      |      |      |       | 32.0 | 31.3 | 31.1 | 30.4  | 30.1  | 29.4  | 29.1  | 112                      |
| 116                                                                                                                                                            |      |       |       |      |      |      |       |      |      | 28.6 | 28.0  | 27.7  | 27.0  | 26.7  | 116                      |
| 120                                                                                                                                                            |      |       |       |      |      |      |       |      |      |      | 25.7  | 25.4  | 24.8  | 24.4  | 120                      |
| 124                                                                                                                                                            |      |       |       |      |      |      |       |      |      |      |       |       | 22.6  | 22.3  | 124                      |
| 128                                                                                                                                                            |      |       |       |      |      |      |       |      |      |      |       |       |       | 20.3  | 128                      |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

Unit: t

## Load Chart of HJFJDB\_6

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| HJFJDB_6 Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|
| Boom length 93m~132m, Jib length 12m, Offset angle 20°, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                          |
| Boom length<br>Radius(m)                                                                                                                                     | 93   | 96   | 99   | 102  | 105  | 108  | 111  | 114  | 117  | 120  | 123  | 126  | 129  | 132  | Boom length<br>Radius(m) |
| 16                                                                                                                                                           | 130  |      |      |      |      |      |      |      |      |      |      |      |      |      | 16                       |
| 18                                                                                                                                                           | 115  | 114  | 112  | 109  | 108  | 106  | 104  | 103  | 101  |      |      |      |      |      | 18                       |
| 20                                                                                                                                                           | 103  | 101  | 99.9 | 97.9 | 96.2 | 94.9 | 93.2 | 91.9 | 90.2 | 88.9 | 87.3 | 86.0 | 84.4 | 83.1 | 20                       |
| 22                                                                                                                                                           | 92.4 | 91.2 | 89.6 | 87.8 | 86.2 | 85.0 | 83.5 | 82.3 | 80.8 | 79.6 | 78.1 | 76.9 | 75.4 | 74.3 | 22                       |
| 24                                                                                                                                                           | 83.4 | 82.2 | 80.8 | 79.1 | 77.6 | 76.5 | 75.1 | 74.0 | 72.7 | 71.6 | 70.2 | 69.1 | 67.7 | 66.6 | 24                       |
| 26                                                                                                                                                           | 75.6 | 74.5 | 73.2 | 71.5 | 70.2 | 69.2 | 67.9 | 66.9 | 65.6 | 64.6 | 63.3 | 62.2 | 60.9 | 60.0 | 26                       |
| 28                                                                                                                                                           | 68.7 | 67.8 | 66.5 | 64.9 | 63.6 | 62.7 | 61.5 | 60.6 | 59.3 | 58.4 | 57.2 | 56.2 | 55.0 | 54.0 | 28                       |
| 30                                                                                                                                                           | 62.7 | 61.8 | 60.6 | 59.1 | 57.9 | 57.0 | 55.8 | 55.0 | 53.8 | 52.9 | 51.7 | 50.8 | 49.7 | 48.8 | 30                       |
| 32                                                                                                                                                           | 57.4 | 56.5 | 55.4 | 53.9 | 52.7 | 51.9 | 50.8 | 50.0 | 48.8 | 48.0 | 46.9 | 46.0 | 44.9 | 44.1 | 32                       |
| 34                                                                                                                                                           | 52.6 | 51.8 | 50.7 | 49.2 | 48.1 | 47.4 | 46.3 | 45.5 | 44.4 | 43.6 | 42.5 | 41.7 | 40.6 | 39.9 | 34                       |
| 36                                                                                                                                                           | 48.3 | 47.5 | 46.5 | 45.0 | 44.0 | 43.3 | 42.2 | 41.5 | 40.4 | 39.7 | 38.6 | 37.8 | 36.8 | 36.0 | 36                       |
| 38                                                                                                                                                           | 44.4 | 43.7 | 42.7 | 41.3 | 40.2 | 39.5 | 38.5 | 37.8 | 36.8 | 36.1 | 35.0 | 34.3 | 33.2 | 32.5 | 38                       |
| 40                                                                                                                                                           | 40.9 | 40.2 | 39.2 | 37.8 | 36.8 | 36.1 | 35.1 | 34.5 | 33.4 | 32.8 | 31.8 | 31.0 | 30.0 | 29.3 | 40                       |
| 44                                                                                                                                                           | 33.9 | 33.7 | 33.1 | 31.8 | 30.8 | 30.2 | 29.2 | 28.6 | 27.6 | 27.0 | 26.0 | 25.3 | 24.3 | 23.7 | 44                       |
| 48                                                                                                                                                           | 28.2 | 28.0 | 27.5 | 26.6 | 25.7 | 25.1 | 24.2 | 23.6 | 22.6 | 22.0 | 21.1 | 20.5 | 19.5 | 18.9 | 48                       |
| 52                                                                                                                                                           | 23.4 | 23.2 | 22.7 | 21.8 | 21.2 | 20.8 | 19.8 | 19.3 | 18.4 | 17.8 | 16.9 | 16.3 | 15.3 | 14.8 | 52                       |
| 56                                                                                                                                                           | 19.3 | 19.1 | 18.6 | 17.7 | 17.1 | 16.9 | 16.1 | 15.5 | 14.6 | 14.1 | 13.2 | 12.6 | 11.7 | 11.1 | 56                       |
| 60                                                                                                                                                           | 15.8 | 15.6 | 15.1 | 14.1 | 13.6 | 13.3 | 12.7 | 12.2 | 11.4 | 10.8 | 9.9  | 9.4  | 8.5  | 7.9  | 60                       |
| 64                                                                                                                                                           | 12.8 | 12.5 | 12.0 | 11.1 | 10.5 | 10.3 | 9.7  | 9.3  | 8.4  | 7.9  | 7.1  | 6.5  | 5.6  | 5.1  | 64                       |
| 68                                                                                                                                                           | 10.1 | 9.8  | 9.3  | 8.4  | 7.8  | 7.6  | 7.0  | 6.7  | 5.8  | 5.3  | 4.5  | 3.9  | 3.1  | 2.6  | 68                       |
| 72                                                                                                                                                           | 7.7  | 7.5  | 6.9  | 6.0  | 5.4  | 5.2  | 4.6  | 4.3  | 3.5  | 3.0  | 2.2  | 1.6  | 0.8  | 0.3  | 72                       |
| 76                                                                                                                                                           | 5.6  | 5.3  | 4.8  | 3.9  | 3.3  | 3.0  | 2.4  | 2.2  | 1.4  | 0.9  |      |      |      |      | 76                       |
| 80                                                                                                                                                           | 3.6  | 3.4  | 2.9  | 1.9  | 1.3  | 1.1  | 0.5  |      |      |      |      |      |      |      | 80                       |
| 84                                                                                                                                                           | 1.9  | 1.6  | 1.1  |      |      |      |      |      |      |      |      |      |      |      | 84                       |
| 88                                                                                                                                                           | 0.3  |      |      |      |      |      |      |      |      |      |      |      |      |      | 88                       |

## Boom Combination in LJ(DB)

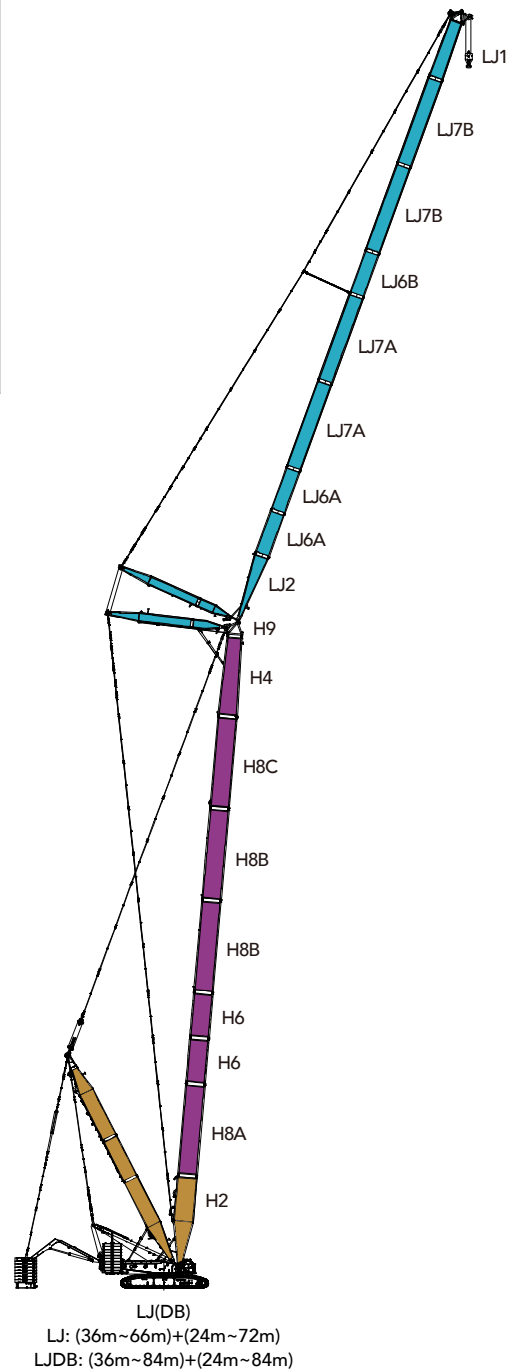
Boom Combination in LJ(DB)

| Jib length (m) | Jib insert |     |      |      | Boom length (m)                                                                             |
|----------------|------------|-----|------|------|---------------------------------------------------------------------------------------------|
|                | 6 mA       | 6mB | 12mA | 12mB |                                                                                             |
| 24             | 1          | -   | -    | -    | 36-66(LJ)<br>36~84(LJDB)<br>60m+72/84+84<br>(Longest boom+longest jib)<br>85°<br>75°<br>65° |
| 30             | 2          | -   | -    | -    |                                                                                             |
| 36             | 1          | -   | 1    | -    |                                                                                             |
| 42             | 2          | -   | 1    | -    |                                                                                             |
| 48             | 1          | -   | 2    | -    |                                                                                             |
| 54             | 2          | -   | 2    | -    |                                                                                             |
| 60             | 2          | 1   | 2    | -    |                                                                                             |
| 66**           | 2          | -   | 2    | 1    |                                                                                             |
| 72**           | 2          | 1   | 2    | 1    |                                                                                             |
| 78**           | 2          | -   | 2    | 2    |                                                                                             |
| 84**           | 2          | 1   | 2    | 2    |                                                                                             |

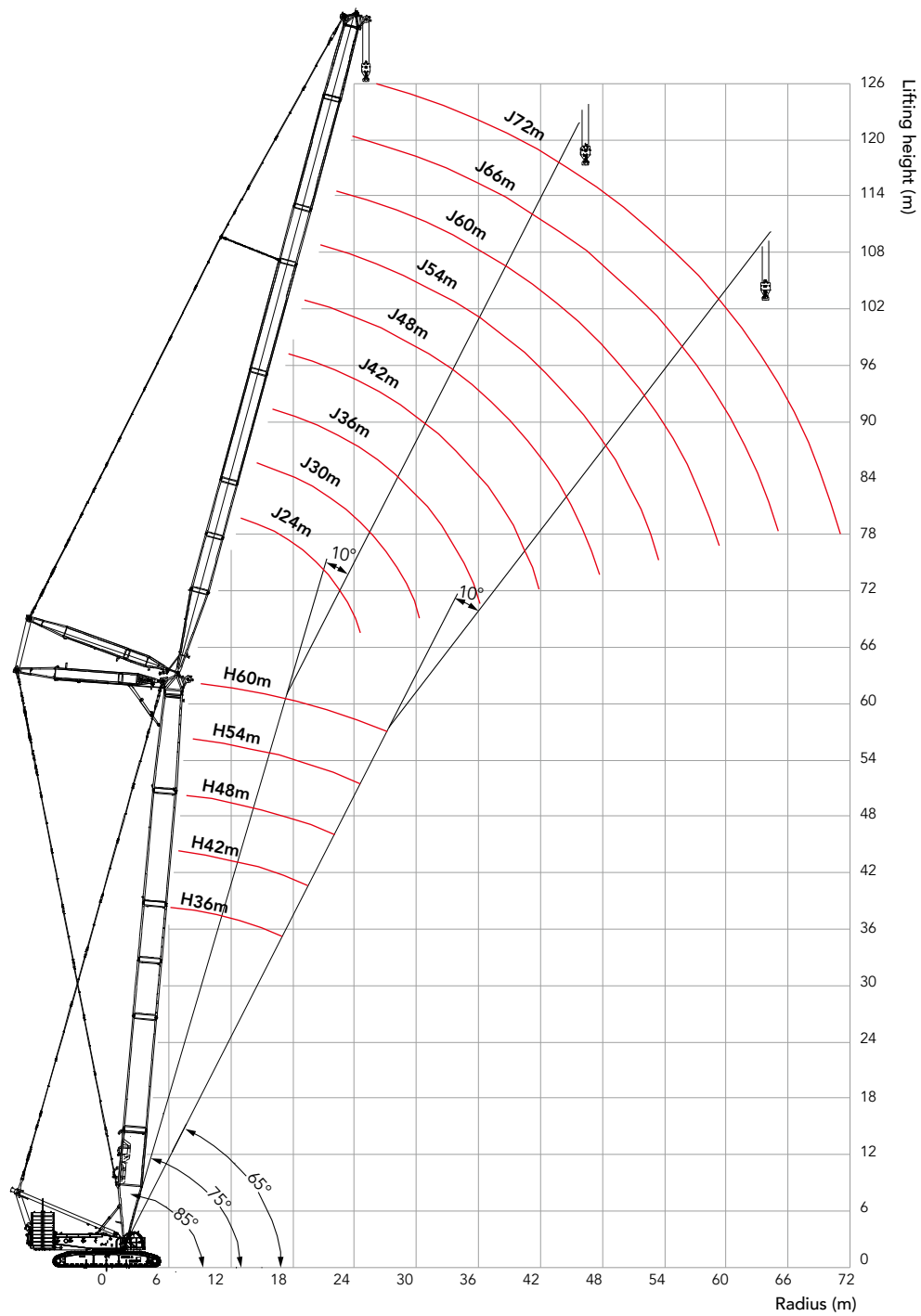
Note: In LJ configuration, the boom length is 24m~72m, and in LJDB, 24m~84m.

For combinations of 66m~84m, marked with "\*\*", the mid-point suspension cable must be used for jib, otherwise, the boom system may break.

Attention: In LJ configuration, the crane must boom up strictly in accordance with LJ Erection and Lowering Table in Operation Manual, otherwise, the crane may tip over!



## Working Radius in LJ(DB)



## Load Chart of LJ

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

### LJ Configuration

Boom length 36m, Boom angle 85°, Jib length 24~72m, Rear counterweight 230t, Carbody counterweight 50t

| Jib length<br>(m)<br>Radius(m) | 24  | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | Jib length<br>(m)<br>Radius(m) |
|--------------------------------|-----|------|------|------|------|------|------|------|------|--------------------------------|
| 14                             | 217 |      |      |      |      |      |      |      |      | 14                             |
| 16                             | 190 | 183  |      |      |      |      |      |      |      | 16                             |
| 18                             | 168 | 163  | 158  | 153  |      |      |      |      |      | 18                             |
| 20                             | 151 | 146  | 142  | 138  | 134  |      |      |      |      | 20                             |
| 22                             | 137 | 133  | 129  | 125  | 122  | 118  |      |      |      | 22                             |
| 24                             | 125 | 121  | 118  | 115  | 112  | 108  | 106  | 95.6 |      | 24                             |
| 26                             | 114 | 112  | 109  | 105  | 103  | 100  | 97.7 | 93.5 | 81.5 | 26                             |
| 28                             | 104 | 103  | 101  | 98.0 | 95.5 | 92.9 | 90.4 | 88.3 | 80.1 | 28                             |
| 30                             |     | 95.3 | 93.9 | 91.1 | 88.8 | 86.4 | 84.0 | 82.1 | 78.7 | 30                             |
| 32                             |     | 87.4 | 87.5 | 85.0 | 82.9 | 80.6 | 78.4 | 76.6 | 74.5 | 32                             |
| 34                             |     | 80.4 | 80.7 | 79.6 | 77.6 | 75.4 | 73.4 | 71.7 | 69.7 | 34                             |
| 36                             |     |      | 74.8 | 74.2 | 72.9 | 70.8 | 68.9 | 67.3 | 65.4 | 36                             |
| 38                             |     |      | 69.5 | 69.0 | 68.6 | 66.7 | 64.8 | 63.3 | 61.5 | 38                             |
| 40                             |     |      | 64.6 | 64.3 | 64.0 | 62.9 | 61.1 | 59.6 | 57.9 | 40                             |
| 44                             |     |      |      | 56.3 | 56.1 | 55.4 | 54.7 | 53.3 | 51.7 | 44                             |
| 48                             |     |      |      |      | 49.5 | 49.0 | 48.4 | 48.0 | 46.5 | 48                             |
| 52                             |     |      |      |      | 43.9 | 43.6 | 43.0 | 42.6 | 41.9 | 52                             |
| 56                             |     |      |      |      |      | 38.8 | 38.4 | 38.1 | 37.4 | 56                             |
| 60                             |     |      |      |      |      |      | 34.4 | 34.1 | 33.5 | 60                             |
| 64                             |     |      |      |      |      |      |      | 30.7 | 30.0 | 64                             |
| 68                             |     |      |      |      |      |      |      | 27.6 | 27.0 | 68                             |
| 72                             |     |      |      |      |      |      |      |      | 24.3 | 72                             |

### LJ Configuration

Boom length 42m, Boom angle 85°, Jib length 24~72m, Rear counterweight 230t, Carbody counterweight 50t

| Jib length<br>(m)<br>Radius(m) | 24  | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | Jib length<br>(m)<br>Radius(m) |
|--------------------------------|-----|------|------|------|------|------|------|------|------|--------------------------------|
| 14                             | 209 |      |      |      |      |      |      |      |      | 14                             |
| 16                             | 183 | 177  |      |      |      |      |      |      |      | 16                             |
| 18                             | 162 | 157  | 153  |      |      |      |      |      |      | 18                             |
| 20                             | 146 | 142  | 138  | 133  | 130  |      |      |      |      | 20                             |
| 22                             | 132 | 129  | 125  | 121  | 118  | 115  |      |      |      | 22                             |
| 24                             | 121 | 118  | 115  | 111  | 108  | 105  | 102  |      |      | 24                             |
| 26                             | 111 | 108  | 106  | 102  | 100  | 97.4 | 94.8 | 88.0 | 77.0 | 26                             |
| 28                             | 103 | 100  | 98.2 | 95.3 | 92.9 | 90.3 | 87.8 | 85.5 | 75.5 | 28                             |
| 30                             |     | 93.7 | 91.4 | 88.7 | 86.4 | 84.0 | 81.7 | 79.7 | 73.8 | 30                             |
| 32                             |     | 87.1 | 85.4 | 82.8 | 80.7 | 78.4 | 76.2 | 74.4 | 72.1 | 32                             |
| 34                             |     | 80.2 | 80.0 | 77.6 | 75.6 | 73.4 | 71.4 | 69.7 | 67.7 | 34                             |
| 36                             |     |      | 74.5 | 72.9 | 71.0 | 69.0 | 67.0 | 65.4 | 63.5 | 36                             |
| 38                             |     |      | 69.2 | 68.7 | 66.9 | 64.9 | 63.1 | 61.6 | 59.8 | 38                             |
| 40                             |     |      | 64.4 | 64.1 | 63.2 | 61.3 | 59.5 | 58.1 | 56.3 | 40                             |
| 44                             |     |      |      | 56.1 | 55.8 | 54.9 | 53.2 | 51.9 | 50.3 | 44                             |
| 48                             |     |      |      |      | 49.3 | 48.7 | 48.0 | 46.7 | 45.2 | 48                             |
| 52                             |     |      |      |      | 43.7 | 43.3 | 42.8 | 42.3 | 40.8 | 52                             |
| 56                             |     |      |      |      |      | 38.7 | 38.2 | 37.8 | 37.0 | 56                             |
| 60                             |     |      |      |      |      |      | 34.2 | 33.9 | 33.2 | 60                             |
| 64                             |     |      |      |      |      |      | 30.6 | 30.5 | 29.8 | 64                             |
| 68                             |     |      |      |      |      |      |      | 27.4 | 26.8 | 68                             |
| 72                             |     |      |      |      |      |      |      |      | 24.1 | 72                             |

Unit: t

## Load Chart of LJ

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJ Configuration                                                                                       |      |      |      |      |      |      |      |      |      |                                |
|--------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 48m, Boom angle 85°, Jib length 24~72m, Rear counterweight 230t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                         | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                     | 176  | 170  |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                     | 157  | 152  | 148  |      |      |      |      |      |      | 18                             |
| 20                                                                                                     | 141  | 137  | 133  | 129  |      |      |      |      |      | 20                             |
| 22                                                                                                     | 128  | 125  | 121  | 118  | 115  | 109  |      |      |      | 22                             |
| 24                                                                                                     | 118  | 114  | 111  | 108  | 105  | 102  | 93.3 |      |      | 24                             |
| 26                                                                                                     | 108  | 105  | 103  | 99.9 | 97.3 | 94.6 | 90.5 | 80.2 |      | 26                             |
| 28                                                                                                     | 100  | 98.0 | 95.5 | 92.6 | 90.2 | 87.7 | 85.3 | 77.9 | 69.3 | 28                             |
| 30                                                                                                     | 93.9 | 91.2 | 88.9 | 86.2 | 84.0 | 81.6 | 79.4 | 75.6 | 67.7 | 30                             |
| 32                                                                                                     |      | 85.2 | 83.1 | 80.6 | 78.5 | 76.2 | 74.1 | 72.3 | 65.7 | 32                             |
| 34                                                                                                     |      | 80.0 | 77.9 | 75.5 | 73.6 | 71.4 | 69.4 | 67.7 | 63.7 | 34                             |
| 36                                                                                                     |      |      | 73.3 | 71.0 | 69.2 | 67.1 | 65.2 | 63.6 | 61.7 | 36                             |
| 38                                                                                                     |      |      | 69.0 | 66.9 | 65.2 | 63.2 | 61.4 | 59.9 | 58.1 | 38                             |
| 40                                                                                                     |      |      | 64.2 | 63.2 | 61.6 | 59.7 | 57.9 | 56.5 | 54.7 | 40                             |
| 44                                                                                                     |      |      |      | 55.8 | 55.2 | 53.5 | 51.8 | 50.5 | 48.9 | 44                             |
| 48                                                                                                     |      |      |      |      | 49.1 | 48.2 | 46.7 | 45.5 | 43.9 | 48                             |
| 52                                                                                                     |      |      |      |      | 43.5 | 43.1 | 42.3 | 41.1 | 39.7 | 52                             |
| 56                                                                                                     |      |      |      |      |      | 38.5 | 38.0 | 37.4 | 36.0 | 56                             |
| 60                                                                                                     |      |      |      |      |      |      | 34.0 | 33.7 | 32.7 | 60                             |
| 64                                                                                                     |      |      |      |      |      |      | 30.5 | 30.3 | 29.6 | 64                             |
| 68                                                                                                     |      |      |      |      |      |      |      | 27.2 | 26.6 | 68                             |
| 72                                                                                                     |      |      |      |      |      |      |      |      | 24.0 | 72                             |
| 76                                                                                                     |      |      |      |      |      |      |      |      | 21.5 | 76                             |

| LJ Configuration                                                                                       |      |      |      |      |      |      |      |      |      |                                |
|--------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 54m, Boom angle 85°, Jib length 24~72m, Rear counterweight 230t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                         | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                     | 170  |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                     | 151  | 147  | 143  |      |      |      |      |      |      | 18                             |
| 20                                                                                                     | 137  | 133  | 129  | 125  |      |      |      |      |      | 20                             |
| 22                                                                                                     | 124  | 121  | 118  | 114  | 111  |      |      |      |      | 22                             |
| 24                                                                                                     | 114  | 111  | 108  | 105  | 102  | 96.0 | 84.8 |      |      | 24                             |
| 26                                                                                                     | 105  | 102  | 100  | 97.0 | 94.4 | 91.7 | 82.2 | 72.9 |      | 26                             |
| 28                                                                                                     | 97.9 | 95.2 | 92.8 | 90.0 | 87.6 | 85.1 | 79.1 | 71.1 | 63.4 | 28                             |
| 30                                                                                                     | 91.2 | 88.7 | 86.4 | 83.8 | 81.6 | 79.2 | 76.4 | 68.9 | 61.9 | 30                             |
| 32                                                                                                     |      | 82.9 | 80.8 | 78.3 | 76.3 | 74.0 | 71.9 | 66.3 | 60.1 | 32                             |
| 34                                                                                                     |      | 77.8 | 75.8 | 73.5 | 71.5 | 69.4 | 67.4 | 64.0 | 58.2 | 34                             |
| 36                                                                                                     |      | 73.3 | 71.4 | 69.1 | 67.3 | 65.2 | 63.3 | 61.4 | 56.0 | 36                             |
| 38                                                                                                     |      |      | 67.3 | 65.1 | 63.4 | 61.5 | 59.6 | 58.1 | 54.1 | 38                             |
| 40                                                                                                     |      |      | 63.7 | 61.6 | 59.9 | 58.0 | 56.3 | 54.8 | 51.9 | 40                             |
| 44                                                                                                     |      |      |      | 55.3 | 53.8 | 52.0 | 50.4 | 49.1 | 47.5 | 44                             |
| 48                                                                                                     |      |      |      |      | 48.6 | 46.9 | 45.4 | 44.2 | 42.6 | 48                             |
| 52                                                                                                     |      |      |      |      | 43.3 | 42.6 | 41.1 | 39.9 | 38.5 | 52                             |
| 56                                                                                                     |      |      |      |      |      | 38.0 | 37.4 | 36.3 | 34.9 | 56                             |
| 60                                                                                                     |      |      |      |      |      |      | 33.1 | 32.8 | 31.7 | 60                             |
| 64                                                                                                     |      |      |      |      |      |      | 29.1 | 29.3 | 28.8 | 64                             |
| 68                                                                                                     |      |      |      |      |      |      |      | 25.9 | 25.8 | 68                             |
| 72                                                                                                     |      |      |      |      |      |      |      |      | 23.2 | 72                             |
| 76                                                                                                     |      |      |      |      |      |      |      |      | 20.7 | 76                             |

## Load Chart of LJ

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

### LJ Configuration

Boom length 60m, Boom angle 85°, Jib length 24~72m, Rear counterweight 230t, Carbody counterweight 50t

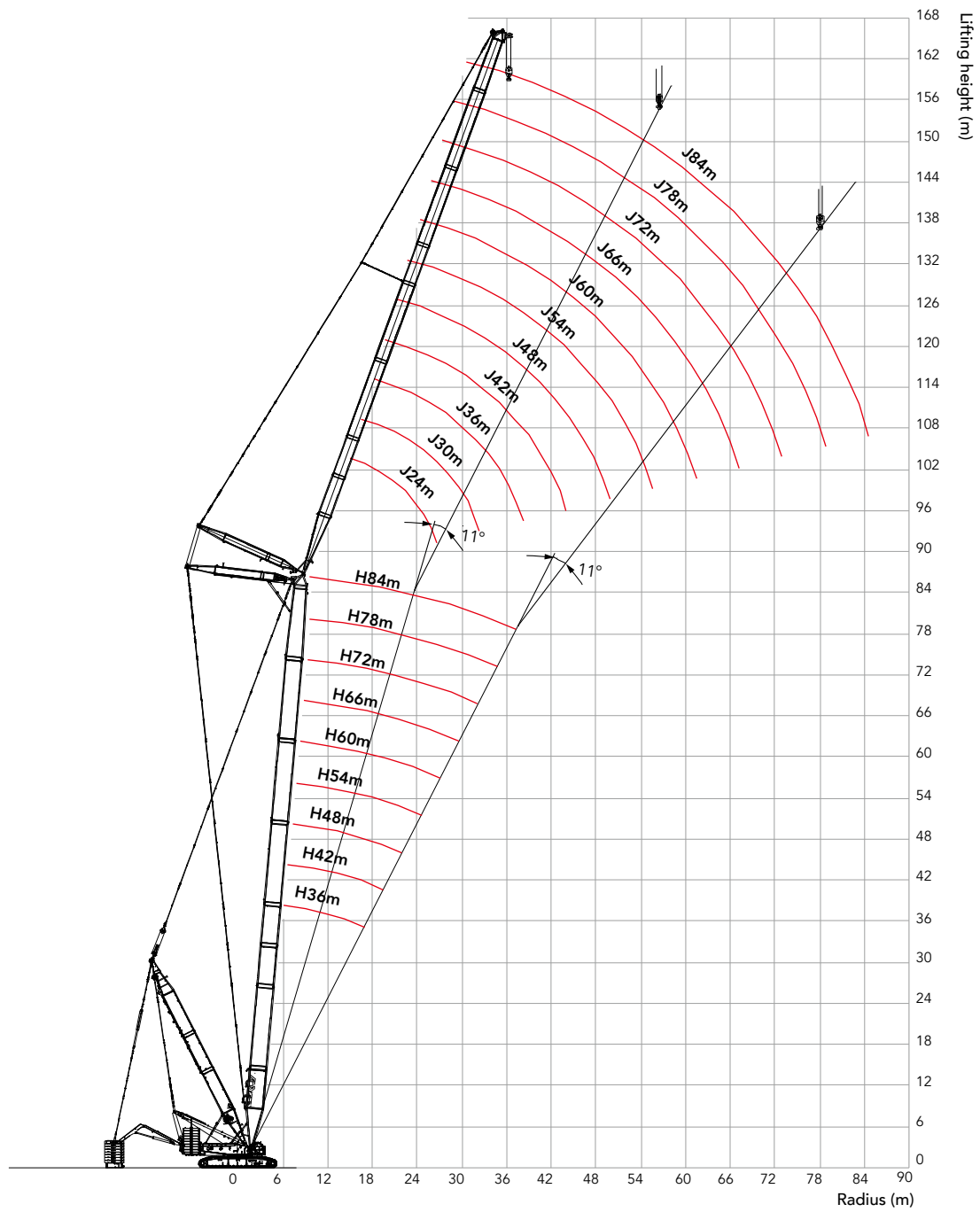
| Jib length<br>(m)<br>Radius(m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | Jib length<br>(m)<br>Radius(m) |
|--------------------------------|------|------|------|------|------|------|------|------|------|--------------------------------|
| 16                             | 163  |      |      |      |      |      |      |      |      | 16                             |
| 18                             | 146  | 142  |      |      |      |      |      |      |      | 18                             |
| 20                             | 132  | 128  | 125  | 117  |      |      |      |      |      | 20                             |
| 22                             | 120  | 117  | 114  | 110  | 100  |      |      |      |      | 22                             |
| 24                             | 110  | 107  | 104  | 101  | 96.2 | 86.3 |      |      |      | 24                             |
| 26                             | 102  | 99.5 | 96.9 | 94.0 | 91.5 | 82.7 | 74.3 | 66.6 |      | 26                             |
| 28                             | 95.0 | 92.3 | 90.0 | 87.2 | 84.9 | 79.0 | 71.8 | 64.5 | 57.9 | 28                             |
| 30                             | 88.5 | 86.1 | 83.9 | 81.3 | 79.1 | 75.4 | 68.8 | 62.4 | 56.2 | 30                             |
| 32                             |      | 80.5 | 78.5 | 76.0 | 74.0 | 71.7 | 65.8 | 60.3 | 54.4 | 32                             |
| 34                             |      | 75.6 | 73.7 | 71.3 | 69.4 | 67.3 | 62.8 | 57.7 | 52.6 | 34                             |
| 36                             |      | 71.2 | 69.4 | 67.1 | 65.3 | 63.3 | 59.8 | 55.2 | 50.8 | 36                             |
| 38                             |      |      | 65.4 | 63.3 | 61.6 | 59.6 | 56.8 | 52.8 | 48.8 | 38                             |
| 40                             |      |      | 61.9 | 59.8 | 58.2 | 56.3 | 54.0 | 50.6 | 47.0 | 40                             |
| 44                             |      |      |      | 52.9 | 51.8 | 50.2 | 48.0 | 45.8 | 42.9 | 44                             |
| 48                             |      |      |      | 45.3 | 45.0 | 44.2 | 42.6 | 41.2 | 38.9 | 48                             |
| 52                             |      |      |      |      | 39.3 | 38.9 | 37.9 | 36.7 | 35.2 | 52                             |
| 56                             |      |      |      |      |      | 34.0 | 33.5 | 32.8 | 31.8 | 56                             |
| 60                             |      |      |      |      |      | 29.7 | 29.5 | 29.3 | 28.5 | 60                             |
| 64                             |      |      |      |      |      |      | 26.1 | 26.1 | 25.5 | 64                             |
| 68                             |      |      |      |      |      |      |      | 23.1 | 22.8 | 68                             |
| 72                             |      |      |      |      |      |      |      |      | 20.5 | 72                             |
| 76                             |      |      |      |      |      |      |      |      | 18.3 | 76                             |

### LJ Configuration

Boom length 66m, Boom angle 85°, Jib length 24~72m, Rear counterweight 230t, Carbody counterweight 50t

| Jib length<br>(m)<br>Radius(m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | Jib length<br>(m)<br>Radius(m) |
|--------------------------------|------|------|------|------|------|------|------|------|------|--------------------------------|
| 16                             | 157  |      |      |      |      |      |      |      |      | 16                             |
| 18                             | 141  | 136  |      |      |      |      |      |      |      | 18                             |
| 20                             | 127  | 124  | 120  |      |      |      |      |      |      | 20                             |
| 22                             | 116  | 113  | 110  | 104  | 92.0 |      |      |      |      | 22                             |
| 24                             | 107  | 104  | 101  | 98.3 | 90.2 | 79.1 |      |      |      | 24                             |
| 26                             | 99.1 | 96.3 | 93.8 | 90.9 | 88.3 | 77.8 | 68.1 |      |      | 26                             |
| 28                             | 92.0 | 89.5 | 87.2 | 84.5 | 82.2 | 76.4 | 67.1 | 59.4 |      | 28                             |
| 30                             | 85.8 | 83.5 | 81.3 | 78.8 | 76.6 | 74.3 | 66.0 | 58.6 | 51.2 | 30                             |
| 32                             |      | 78.1 | 76.1 | 73.7 | 71.7 | 69.5 | 64.8 | 57.8 | 50.6 | 32                             |
| 34                             |      | 73.3 | 71.5 | 69.2 | 67.3 | 65.2 | 63.2 | 56.9 | 49.9 | 34                             |
| 36                             |      | 69.1 | 67.3 | 65.1 | 63.3 | 61.3 | 59.4 | 56.0 | 49.3 | 36                             |
| 38                             |      |      | 63.5 | 61.4 | 59.7 | 57.8 | 56.0 | 54.5 | 48.6 | 38                             |
| 40                             |      |      | 60.1 | 58.1 | 56.4 | 54.6 | 52.8 | 51.4 | 47.8 | 40                             |
| 44                             |      |      |      | 52.2 | 50.7 | 49.0 | 47.3 | 46.0 | 44.4 | 44                             |
| 48                             |      |      |      | 47.2 | 45.8 | 44.2 | 42.6 | 41.4 | 39.9 | 48                             |
| 52                             |      |      |      |      | 41.6 | 40.1 | 38.6 | 37.4 | 36.0 | 52                             |
| 56                             |      |      |      |      |      | 36.5 | 35.1 | 34.0 | 32.6 | 56                             |
| 60                             |      |      |      |      |      | 33.3 | 32.0 | 30.9 | 29.6 | 60                             |
| 64                             |      |      |      |      |      |      | 29.2 | 28.2 | 26.9 | 64                             |
| 68                             |      |      |      |      |      |      |      | 25.8 | 24.5 | 68                             |
| 72                             |      |      |      |      |      |      |      | 23.7 | 22.4 | 72                             |
| 76                             |      |      |      |      |      |      |      |      | 20.5 | 76                             |

## Working Radius in LJDB



## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                            |      |      |      |       |       |       |       |       |       |       |       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 36m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |      |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                | 24   | 30   | 36   | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 14                                                                                                                                                            | 274* |      |      |       |       |       |       |       |       |       |       | 14                             |
| 16                                                                                                                                                            | 264* | 252* |      |       |       |       |       |       |       |       |       | 16                             |
| 18                                                                                                                                                            | 256* | 241* | 223* | 189*  |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                            | 241* | 226* | 212* | 182*  | 155*  |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                            | 225* | 214* | 200* | 175*  | 151*  | 129*  |       |       |       |       |       | 22                             |
| 24                                                                                                                                                            | 210* | 201* | 190* | 168*  | 146*  | 127*  | 109*  | 94.3* |       |       |       | 24                             |
| 26                                                                                                                                                            | 196* | 191* | 179* | 160*  | 141*  | 123*  | 106*  | 92.8* | 81.3* |       |       | 26                             |
| 28                                                                                                                                                            | 185* | 179* | 167* | 151*  | 135*  | 119*  | 104*  | 91.2* | 79.9* | 68.0* |       | 28                             |
| 30                                                                                                                                                            |      | 164* | 155* | 143*  | 129*  | 115*  | 101*  | 89.1* | 78.6* | 67.5* | 57.7* | 30                             |
| 32                                                                                                                                                            |      | 150* | 144* | 134*  | 123*  | 110*  | 98.6* | 87.0* | 76.8* | 66.6* | 57.2* | 32                             |
| 34                                                                                                                                                            |      | 137* | 133* | 126*  | 117*  | 106*  | 95.4* | 84.9* | 75.4* | 65.4* | 56.7* | 34                             |
| 36                                                                                                                                                            |      |      | 123* | 118*  | 110*  | 101*  | 91.6* | 82.2* | 73.6* | 64.1* | 56.2* | 36                             |
| 38                                                                                                                                                            |      |      | 114* | 109*  | 104*  | 96.9* | 88.5* | 79.6* | 71.8* | 62.8* | 55.5* | 38                             |
| 40                                                                                                                                                            |      |      | 104* | 103*  | 98.6* | 92.3* | 84.7* | 77.5* | 70.0* | 61.2* | 54.4* | 40                             |
| 44                                                                                                                                                            |      |      |      | 89.1* | 86.9* | 83.2* | 77.9* | 71.7* | 65.6* | 58.4* | 52.2* | 44                             |
| 48                                                                                                                                                            |      |      |      |       | 76.4* | 74.9* | 71.2* | 66.5* | 61.7* | 55.2* | 49.8* | 48                             |
| 52                                                                                                                                                            |      |      |      |       | 66.8* | 66.4* | 64.5* | 61.2* | 57.2* | 51.1* | 47.4* | 52                             |
| 56                                                                                                                                                            |      |      |      |       |       | 59.2* | 57.9* | 56.2* | 53.0* | 46.3* | 44.6* | 56                             |
| 60                                                                                                                                                            |      |      |      |       |       |       | 52.4* | 51.3* | 49.0* | 41.6* | 42.2* | 60                             |
| 64                                                                                                                                                            |      |      |      |       |       |       |       | 46.3* | 45.0* | 37.6* | 39.5* | 64                             |
| 68                                                                                                                                                            |      |      |      |       |       |       |       | 42.1* | 41.5* | 33.7* | 37.0* | 68                             |
| 72                                                                                                                                                            |      |      |      |       |       |       |       |       | 37.9* | 30.8* | 34.5* | 72                             |
| 76                                                                                                                                                            |      |      |      |       |       |       |       |       |       | 27.2* | 32.2* | 76                             |
| 80                                                                                                                                                            |      |      |      |       |       |       |       |       |       | 24.9* | 29.5* | 80                             |
| 84                                                                                                                                                            |      |      |      |       |       |       |       |       |       |       | 26.6* | 84                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

Unit: t

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 36m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                           | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 14                                                                                                                                                       | 198  |      |      |      |      |      |      |      |      |      |      | 14                             |
| 16                                                                                                                                                       | 173  | 167  |      |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                                                                       | 153  | 148  | 144  | 139  |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                       | 137  | 133  | 129  | 125  | 122  |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                       | 124  | 121  | 117  | 114  | 110  | 107  |      |      |      |      |      | 22                             |
| 24                                                                                                                                                       | 110  | 110  | 107  | 104  | 101  | 98.6 | 95.8 | 93.4 |      |      |      | 24                             |
| 26                                                                                                                                                       | 99.5 | 99.5 | 99.0 | 95.9 | 93.4 | 90.7 | 88.2 | 86.0 | 81.3 |      |      | 26                             |
| 28                                                                                                                                                       | 90.0 | 90.2 | 90.0 | 88.7 | 86.4 | 83.9 | 81.5 | 79.5 | 77.3 | 68.0 |      | 28                             |
| 30                                                                                                                                                       |      | 82.4 | 82.2 | 81.5 | 80.2 | 77.9 | 75.7 | 73.8 | 71.7 | 67.5 | 57.7 | 30                             |
| 32                                                                                                                                                       |      | 75.5 | 75.5 | 74.8 | 74.3 | 72.6 | 70.5 | 68.8 | 66.8 | 65.1 | 57.2 | 32                             |
| 34                                                                                                                                                       |      | 69.5 | 69.7 | 69.0 | 68.5 | 67.8 | 65.9 | 64.3 | 62.4 | 60.8 | 56.7 | 34                             |
| 36                                                                                                                                                       |      |      | 64.5 | 63.9 | 63.5 | 62.8 | 61.8 | 60.3 | 58.5 | 56.9 | 55.2 | 36                             |
| 38                                                                                                                                                       |      |      | 59.9 | 59.4 | 59.0 | 58.3 | 57.7 | 56.6 | 54.9 | 53.4 | 51.7 | 38                             |
| 40                                                                                                                                                       |      |      | 55.7 | 55.4 | 55.0 | 54.3 | 53.7 | 53.3 | 51.6 | 50.2 | 48.6 | 40                             |
| 44                                                                                                                                                       |      |      |      | 48.4 | 48.2 | 47.5 | 46.9 | 46.5 | 45.8 | 44.7 | 43.1 | 44                             |
| 48                                                                                                                                                       |      |      |      |      | 42.5 | 42.0 | 41.4 | 41.0 | 40.3 | 39.8 | 38.5 | 48                             |
| 52                                                                                                                                                       |      |      |      |      | 37.6 | 37.2 | 36.7 | 36.3 | 35.7 | 35.2 | 34.5 | 52                             |
| 56                                                                                                                                                       |      |      |      |      |      | 33.2 | 32.7 | 32.4 | 31.7 | 31.3 | 30.6 | 56                             |
| 60                                                                                                                                                       |      |      |      |      |      |      | 29.3 | 29.0 | 28.4 | 27.9 | 27.2 | 60                             |
| 64                                                                                                                                                       |      |      |      |      |      |      |      | 26.0 | 25.4 | 25.0 | 24.3 | 64                             |
| 68                                                                                                                                                       |      |      |      |      |      |      |      | 23.3 | 22.8 | 22.4 | 21.7 | 68                             |
| 72                                                                                                                                                       |      |      |      |      |      |      |      |      | 20.4 | 20.1 | 19.4 | 72                             |
| 76                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 18.0 | 17.4 | 76                             |
| 80                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 16.1 | 15.5 | 80                             |
| 84                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      | 13.8 | 84                             |

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                            |      |      |       |       |       |       |       |       |       |       |       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 42m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                | 24   | 30   | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 14                                                                                                                                                            | 272* |      |       |       |       |       |       |       |       |       |       | 14                             |
| 16                                                                                                                                                            | 263* | 247* |       |       |       |       |       |       |       |       |       | 16                             |
| 18                                                                                                                                                            | 256* | 240* | 205*  |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                            | 245* | 227* | 196*  | 169*  | 145*  |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                            | 227* | 211* | 187*  | 162*  | 141*  | 121*  |       |       |       |       |       | 22                             |
| 24                                                                                                                                                            | 213* | 195* | 176*  | 155*  | 136*  | 119*  | 103*  |       |       |       |       | 24                             |
| 26                                                                                                                                                            | 192* | 181* | 165*  | 148*  | 131*  | 115*  | 100*  | 88.3* | 77.0* |       |       | 26                             |
| 28                                                                                                                                                            | 174* | 166* | 154*  | 140*  | 126*  | 111*  | 98.1* | 86.4* | 75.9* | 64.9* |       | 28                             |
| 30                                                                                                                                                            |      | 151* | 143*  | 132*  | 120*  | 107*  | 95.2* | 84.5* | 74.3* | 64.4* | 54.9* | 30                             |
| 32                                                                                                                                                            |      | 139* | 133*  | 124*  | 114*  | 103*  | 92.3* | 82.1* | 73.1* | 63.4* | 54.5* | 32                             |
| 34                                                                                                                                                            |      | 127* | 124*  | 117*  | 108*  | 99.2* | 89.4* | 79.7* | 71.4* | 62.2* | 54.1* | 34                             |
| 36                                                                                                                                                            |      |      | 114*  | 109*  | 103*  | 95.0* | 85.9* | 77.2* | 69.5* | 61.1* | 53.7* | 36                             |
| 38                                                                                                                                                            |      |      | 105*  | 101*  | 97.0* | 90.1* | 83.0* | 74.8* | 67.9* | 59.6* | 53.0* | 38                             |
| 40                                                                                                                                                            |      |      | 97.7* | 94.9* | 91.0* | 85.9* | 79.5* | 72.4* | 65.8* | 58.1* | 52.0* | 40                             |
| 44                                                                                                                                                            |      |      |       | 82.7* | 80.5* | 76.9* | 72.6* | 67.0* | 61.7* | 55.1* | 49.4* | 44                             |
| 48                                                                                                                                                            |      |      |       |       | 70.7* | 69.3* | 65.8* | 61.9* | 57.7* | 51.9* | 47.2* | 48                             |
| 52                                                                                                                                                            |      |      |       |       | 61.9* | 61.6* | 59.7* | 56.7* | 53.3* | 48.7* | 44.4* | 52                             |
| 56                                                                                                                                                            |      |      |       |       |       | 54.6* | 53.6* | 51.7* | 49.4* | 45.4* | 41.9* | 56                             |
| 60                                                                                                                                                            |      |      |       |       |       |       | 48.2* | 47.1* | 45.2* | 42.5* | 39.3* | 60                             |
| 64                                                                                                                                                            |      |      |       |       |       |       | 43.1* | 42.6* | 41.5* | 38.0* | 36.8* | 64                             |
| 68                                                                                                                                                            |      |      |       |       |       |       |       | 38.3* | 37.9* | 34.3* | 34.4* | 68                             |
| 72                                                                                                                                                            |      |      |       |       |       |       |       |       | 34.6* | 30.9* | 31.8* | 72                             |
| 76                                                                                                                                                            |      |      |       |       |       |       |       |       |       | 28.0* | 29.4* | 76                             |
| 80                                                                                                                                                            |      |      |       |       |       |       |       |       |       | 25.2* | 27.3* | 80                             |
| 84                                                                                                                                                            |      |      |       |       |       |       |       |       |       |       | 25.0* | 84                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

Unit: t

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 42m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                           | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 14                                                                                                                                                       | 190  |      |      |      |      |      |      |      |      |      |      | 14                             |
| 16                                                                                                                                                       | 167  | 161  |      |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                                                                       | 148  | 143  | 139  |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                       | 133  | 129  | 125  | 121  | 118  |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                       | 121  | 117  | 114  | 110  | 107  | 104  |      |      |      |      |      | 22                             |
| 24                                                                                                                                                       | 110  | 107  | 104  | 101  | 98.6 | 95.7 | 93.0 |      |      |      |      | 24                             |
| 26                                                                                                                                                       | 99.5 | 99.0 | 96.3 | 93.4 | 90.9 | 88.2 | 85.7 | 83.5 | 77.0 |      |      | 26                             |
| 28                                                                                                                                                       | 90.0 | 90.1 | 89.2 | 86.4 | 84.1 | 81.6 | 79.3 | 77.3 | 75.1 | 64.9 |      | 28                             |
| 30                                                                                                                                                       |      | 82.3 | 82.1 | 80.3 | 78.2 | 75.8 | 73.7 | 71.8 | 69.7 | 64.4 | 54.9 | 30                             |
| 32                                                                                                                                                       |      | 75.5 | 75.4 | 74.7 | 72.9 | 70.7 | 68.7 | 67.0 | 65.0 | 63.3 | 54.5 | 32                             |
| 34                                                                                                                                                       |      | 69.5 | 69.6 | 68.9 | 68.2 | 66.2 | 64.2 | 62.6 | 60.7 | 59.1 | 54.1 | 34                             |
| 36                                                                                                                                                       |      |      | 64.4 | 63.8 | 63.3 | 62.1 | 60.2 | 58.7 | 56.9 | 55.4 | 53.6 | 36                             |
| 38                                                                                                                                                       |      |      | 59.8 | 59.3 | 58.9 | 58.2 | 56.6 | 55.2 | 53.4 | 52.0 | 50.3 | 38                             |
| 40                                                                                                                                                       |      |      | 55.7 | 55.3 | 54.9 | 54.2 | 53.3 | 51.9 | 50.3 | 48.9 | 47.2 | 40                             |
| 44                                                                                                                                                       |      |      |      | 48.3 | 48.1 | 47.4 | 46.8 | 46.3 | 44.7 | 43.5 | 41.9 | 44                             |
| 48                                                                                                                                                       |      |      |      |      | 42.4 | 41.9 | 41.2 | 40.8 | 40.1 | 38.9 | 37.4 | 48                             |
| 52                                                                                                                                                       |      |      |      |      | 37.6 | 37.2 | 36.6 | 36.2 | 35.5 | 34.9 | 33.5 | 52                             |
| 56                                                                                                                                                       |      |      |      |      |      | 33.1 | 32.6 | 32.3 | 31.6 | 31.1 | 30.1 | 56                             |
| 60                                                                                                                                                       |      |      |      |      |      |      | 29.2 | 28.9 | 28.2 | 27.8 | 27.1 | 60                             |
| 64                                                                                                                                                       |      |      |      |      |      |      | 26.1 | 25.9 | 25.3 | 24.9 | 24.1 | 64                             |
| 68                                                                                                                                                       |      |      |      |      |      |      |      | 23.2 | 22.7 | 22.3 | 21.6 | 68                             |
| 72                                                                                                                                                       |      |      |      |      |      |      |      |      | 20.4 | 20.0 | 19.3 | 72                             |
| 76                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 17.9 | 17.3 | 76                             |
| 80                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 16.0 | 15.4 | 80                             |
| 84                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      | 13.7 | 84                             |

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                            |      |      |       |       |       |       |       |       |       |       |       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 48m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                | 24   | 30   | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                            | 258* | 221* |       |       |       |       |       |       |       |       |       | 16                             |
| 18                                                                                                                                                            | 241* | 211* | 181*  |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                            | 223* | 199* | 175*  | 151*  |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                            | 205* | 185* | 165*  | 146*  | 127*  | 110*  |       |       |       |       |       | 22                             |
| 24                                                                                                                                                            | 187* | 172* | 156*  | 139*  | 123*  | 107*  | 94.5* |       |       |       |       | 24                             |
| 26                                                                                                                                                            | 171* | 160* | 146*  | 132*  | 118*  | 104*  | 92.0* | 81.1* |       |       |       | 26                             |
| 28                                                                                                                                                            | 155* | 146* | 136*  | 125*  | 113*  | 101*  | 89.5* | 79.0* | 69.9* |       |       | 28                             |
| 30                                                                                                                                                            | 141* | 135* | 128*  | 117*  | 108*  | 97.4* | 86.9* | 77.4* | 68.9* | 59.8* | 51.1* | 30                             |
| 32                                                                                                                                                            |      | 123* | 118*  | 111*  | 103*  | 93.6* | 84.3* | 75.2* | 67.0* | 58.9* | 50.8* | 32                             |
| 34                                                                                                                                                            |      | 113* | 110*  | 104*  | 97.6* | 89.1* | 81.1* | 73.0* | 65.5* | 57.6* | 50.5* | 34                             |
| 36                                                                                                                                                            |      |      | 101*  | 97.4* | 92.1* | 85.3* | 77.9* | 70.8* | 63.7* | 56.3* | 50.0* | 36                             |
| 38                                                                                                                                                            |      |      | 94.4* | 90.7* | 86.7* | 80.9* | 74.8* | 68.1* | 61.8* | 54.9* | 49.1* | 38                             |
| 40                                                                                                                                                            |      |      | 87.0* | 84.8* | 81.3* | 77.0* | 71.6* | 65.9* | 59.9* | 53.6* | 47.9* | 40                             |
| 44                                                                                                                                                            |      |      |       | 73.1* | 71.9* | 68.9* | 64.8* | 60.8* | 56.2* | 50.7* | 45.6* | 44                             |
| 48                                                                                                                                                            |      |      |       |       | 63.1* | 61.4* | 58.6* | 55.5* | 52.1* | 47.4* | 43.1* | 48                             |
| 52                                                                                                                                                            |      |      |       |       | 55.1* | 54.6* | 53.1* | 50.8* | 47.8* | 44.3* | 40.6* | 52                             |
| 56                                                                                                                                                            |      |      |       |       |       | 48.3* | 47.7* | 46.1* | 44.2* | 40.9* | 38.2* | 56                             |
| 60                                                                                                                                                            |      |      |       |       |       |       | 42.5* | 41.5* | 40.3* | 37.9* | 35.6* | 60                             |
| 64                                                                                                                                                            |      |      |       |       |       |       | 38.0* | 37.4* | 36.5* | 34.9* | 33.0* | 64                             |
| 68                                                                                                                                                            |      |      |       |       |       |       |       | 33.7* | 33.2* | 32.0* | 30.6* | 68                             |
| 72                                                                                                                                                            |      |      |       |       |       |       |       |       | 30.2* | 29.3* | 28.2* | 72                             |
| 76                                                                                                                                                            |      |      |       |       |       |       |       |       | 27.3* | 26.9* | 25.9* | 76                             |
| 80                                                                                                                                                            |      |      |       |       |       |       |       |       |       | 24.3* | 23.7* | 80                             |
| 84                                                                                                                                                            |      |      |       |       |       |       |       |       |       |       | 21.8* | 84                             |
| 88                                                                                                                                                            |      |      |       |       |       |       |       |       |       |       | 20.9* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

Unit: t

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 48m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                           | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                       | 160  | 155  |      |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                                                                       | 142  | 138  | 134  |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                       | 128  | 124  | 121  | 117  |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                       | 116  | 113  | 110  | 106  | 103  | 100  |      |      |      |      |      | 22                             |
| 24                                                                                                                                                       | 107  | 103  | 101  | 97.9 | 95.3 | 92.4 | 89.7 |      |      |      |      | 24                             |
| 26                                                                                                                                                       | 98.6 | 95.7 | 93.2 | 90.3 | 87.8 | 85.2 | 82.7 | 80.6 |      |      |      | 26                             |
| 28                                                                                                                                                       | 89.5 | 88.7 | 86.3 | 83.6 | 81.3 | 78.9 | 76.6 | 74.6 | 69.9 |      |      | 28                             |
| 30                                                                                                                                                       | 81.2 | 81.7 | 80.3 | 77.7 | 75.6 | 73.3 | 71.2 | 69.4 | 67.3 | 59.8 | 51.1 | 30                             |
| 32                                                                                                                                                       |      | 75.0 | 74.8 | 72.6 | 70.6 | 68.4 | 66.4 | 64.7 | 62.7 | 58.9 | 50.8 | 32                             |
| 34                                                                                                                                                       |      | 69.0 | 69.1 | 68.0 | 66.1 | 64.0 | 62.1 | 60.5 | 58.6 | 57.1 | 50.5 | 34                             |
| 36                                                                                                                                                       |      |      | 64.0 | 63.3 | 62.1 | 60.1 | 58.3 | 56.7 | 55.0 | 53.4 | 50.0 | 36                             |
| 38                                                                                                                                                       |      |      | 59.4 | 58.8 | 58.4 | 56.5 | 54.8 | 53.3 | 51.6 | 50.2 | 48.5 | 38                             |
| 40                                                                                                                                                       |      |      | 55.3 | 54.8 | 54.4 | 53.3 | 51.6 | 50.2 | 48.6 | 47.2 | 45.5 | 40                             |
| 44                                                                                                                                                       |      |      |      | 48.0 | 47.6 | 47.0 | 46.1 | 44.8 | 43.2 | 41.9 | 40.4 | 44                             |
| 48                                                                                                                                                       |      |      |      |      | 42.1 | 41.5 | 40.8 | 40.2 | 38.7 | 37.5 | 36.0 | 48                             |
| 52                                                                                                                                                       |      |      |      |      | 37.3 | 36.8 | 36.2 | 35.8 | 34.8 | 33.6 | 32.2 | 52                             |
| 56                                                                                                                                                       |      |      |      |      |      | 32.8 | 32.3 | 31.9 | 31.3 | 30.3 | 29.0 | 56                             |
| 60                                                                                                                                                       |      |      |      |      |      |      | 28.9 | 28.6 | 27.9 | 27.4 | 26.1 | 60                             |
| 64                                                                                                                                                       |      |      |      |      |      |      | 25.8 | 25.6 | 25.0 | 24.5 | 23.5 | 64                             |
| 68                                                                                                                                                       |      |      |      |      |      |      |      | 23.0 | 22.4 | 22.0 | 21.2 | 68                             |
| 72                                                                                                                                                       |      |      |      |      |      |      |      |      | 20.1 | 19.7 | 19.0 | 72                             |
| 76                                                                                                                                                       |      |      |      |      |      |      |      |      | 18.0 | 17.7 | 17.0 | 76                             |
| 80                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 15.8 | 15.2 | 80                             |
| 84                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      | 13.5 | 84                             |
| 88                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      | 11.9 | 88                             |

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                            |      |       |       |       |       |       |       |       |       |       |       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 54m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |       |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                | 24   | 30    | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                            | 226* |       |       |       |       |       |       |       |       |       |       | 16                             |
| 18                                                                                                                                                            | 213* | 186*  | 162*  |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                            | 196* | 175*  | 155*  | 135*  |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                            | 181* | 164*  | 147*  | 130*  | 115*  |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                            | 166* | 153*  | 139*  | 125*  | 111*  | 98.2* | 86.2* |       |       |       |       | 24                             |
| 26                                                                                                                                                            | 152* | 142*  | 131*  | 118*  | 106*  | 95.5* | 84.0* | 74.5* |       |       |       | 26                             |
| 28                                                                                                                                                            | 139* | 131*  | 122*  | 112*  | 102*  | 92.1* | 81.7* | 72.6* | 64.7* |       |       | 28                             |
| 30                                                                                                                                                            | 127* | 120*  | 114*  | 106*  | 97.1* | 88.1* | 79.3* | 71.1* | 63.4* | 55.3* |       | 30                             |
| 32                                                                                                                                                            |      | 111*  | 106*  | 99.4* | 92.7* | 84.6* | 76.4* | 68.7* | 61.7* | 54.5* | 47.1* | 32                             |
| 34                                                                                                                                                            |      | 102*  | 98.6* | 93.3* | 87.7* | 80.5* | 73.5* | 66.7* | 60.0* | 53.3* | 46.9* | 34                             |
| 36                                                                                                                                                            |      | 94.2* | 91.4* | 87.2* | 82.7* | 76.9* | 70.6* | 64.6* | 58.3* | 51.8* | 46.4* | 36                             |
| 38                                                                                                                                                            |      |       | 84.4* | 81.3* | 77.8* | 72.9* | 67.8* | 62.2* | 56.6* | 50.6* | 45.4* | 38                             |
| 40                                                                                                                                                            |      |       | 78.3* | 76.1* | 72.9* | 69.3* | 64.4* | 59.7* | 54.9* | 49.1* | 44.3* | 40                             |
| 44                                                                                                                                                            |      |       |       | 66.2* | 64.5* | 61.9* | 58.7* | 54.8* | 51.1* | 46.3* | 42.0* | 44                             |
| 48                                                                                                                                                            |      |       |       |       | 56.5* | 55.1* | 53.0* | 50.0* | 47.0* | 43.0* | 39.5* | 48                             |
| 52                                                                                                                                                            |      |       |       |       | 49.8* | 49.0* | 47.4* | 45.6* | 43.2* | 40.1* | 36.9* | 52                             |
| 56                                                                                                                                                            |      |       |       |       |       | 43.2* | 42.4* | 41.3* | 39.6* | 36.9* | 34.5* | 56                             |
| 60                                                                                                                                                            |      |       |       |       |       |       | 38.0* | 37.1* | 36.0* | 33.8* | 31.8* | 60                             |
| 64                                                                                                                                                            |      |       |       |       |       |       | 33.7* | 33.4* | 32.5* | 31.1* | 29.5* | 64                             |
| 68                                                                                                                                                            |      |       |       |       |       |       |       | 30.1* | 29.4* | 28.5* | 27.2* | 68                             |
| 72                                                                                                                                                            |      |       |       |       |       |       |       |       | 26.8* | 26.0* | 25.0* | 72                             |
| 76                                                                                                                                                            |      |       |       |       |       |       |       |       | 24.1* | 23.7* | 22.9* | 76                             |
| 80                                                                                                                                                            |      |       |       |       |       |       |       |       |       | 21.5* | 20.8* | 80                             |
| 84                                                                                                                                                            |      |       |       |       |       |       |       |       |       |       | 19.0* | 84                             |
| 88                                                                                                                                                            |      |       |       |       |       |       |       |       |       |       | 17.3* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

Unit: t

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 54m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                           | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                       | 154  |      |      |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                                                                       | 138  | 133  | 129  |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                       | 124  | 120  | 117  | 113  |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                       | 113  | 109  | 106  | 103  | 100  |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                       | 103  | 100  | 98.1 | 95.0 | 92.3 | 89.5 | 86.2 |      |      |      |      | 24                             |
| 26                                                                                                                                                       | 95.7 | 93.0 | 90.5 | 87.6 | 85.2 | 82.6 | 80.2 | 74.5 |      |      |      | 26                             |
| 28                                                                                                                                                       | 88.7 | 86.2 | 83.9 | 81.2 | 79.0 | 76.5 | 74.3 | 72.3 | 64.7 |      |      | 28                             |
| 30                                                                                                                                                       | 81.2 | 80.2 | 78.1 | 75.6 | 73.5 | 71.2 | 69.1 | 67.3 | 63.4 | 55.3 |      | 30                             |
| 32                                                                                                                                                       |      | 74.7 | 73.0 | 70.6 | 68.6 | 66.5 | 64.4 | 62.8 | 60.8 | 54.5 | 47.1 | 32                             |
| 34                                                                                                                                                       |      | 68.8 | 68.4 | 66.1 | 64.3 | 62.2 | 60.3 | 58.7 | 56.9 | 53.3 | 46.9 | 34                             |
| 36                                                                                                                                                       |      | 63.5 | 63.7 | 62.1 | 60.4 | 58.4 | 56.6 | 55.1 | 53.3 | 51.8 | 46.4 | 36                             |
| 38                                                                                                                                                       |      |      | 59.2 | 58.5 | 56.8 | 55.0 | 53.2 | 51.8 | 50.1 | 48.6 | 45.4 | 38                             |
| 40                                                                                                                                                       |      |      | 55.1 | 54.6 | 53.6 | 51.8 | 50.1 | 48.8 | 47.1 | 45.7 | 44.1 | 40                             |
| 44                                                                                                                                                       |      |      |      | 47.8 | 47.4 | 46.3 | 44.7 | 43.5 | 41.9 | 40.6 | 39.1 | 44                             |
| 48                                                                                                                                                       |      |      |      |      | 41.9 | 41.2 | 40.2 | 39.0 | 37.5 | 36.3 | 34.9 | 48                             |
| 52                                                                                                                                                       |      |      |      |      | 37.1 | 36.6 | 36.0 | 35.1 | 33.7 | 32.6 | 31.2 | 52                             |
| 56                                                                                                                                                       |      |      |      |      |      | 32.6 | 32.1 | 31.7 | 30.4 | 29.3 | 28.0 | 56                             |
| 60                                                                                                                                                       |      |      |      |      |      |      | 28.7 | 28.4 | 27.5 | 26.5 | 25.2 | 60                             |
| 64                                                                                                                                                       |      |      |      |      |      |      | 25.7 | 25.4 | 24.8 | 24.0 | 22.7 | 64                             |
| 68                                                                                                                                                       |      |      |      |      |      |      |      | 22.8 | 22.2 | 21.7 | 20.4 | 68                             |
| 72                                                                                                                                                       |      |      |      |      |      |      |      |      | 19.9 | 19.5 | 18.4 | 72                             |
| 76                                                                                                                                                       |      |      |      |      |      |      |      |      | 17.8 | 17.5 | 16.6 | 76                             |
| 80                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 15.6 | 15.0 | 80                             |
| 84                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      | 13.4 | 84                             |
| 88                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      | 11.8 | 88                             |

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                            |      |       |       |       |       |       |       |       |       |       |       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 60m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |       |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                | 24   | 30    | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                            | 197* |       |       |       |       |       |       |       |       |       |       | 16                             |
| 18                                                                                                                                                            | 186* | 164*  |       |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                            | 174* | 155*  | 138*  | 121*  |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                            | 160* | 146*  | 131*  | 117*  | 104*  |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                            | 148* | 136*  | 124*  | 111*  | 100*  | 89.2* |       |       |       |       |       | 24                             |
| 26                                                                                                                                                            | 136* | 126*  | 116*  | 106*  | 96.5* | 86.1* | 76.8* | 68.2* |       |       |       | 26                             |
| 28                                                                                                                                                            | 124* | 117*  | 109*  | 101*  | 92.0* | 82.9* | 74.7* | 66.5* | 59.4* |       |       | 28                             |
| 30                                                                                                                                                            | 114* | 108*  | 102*  | 94.7* | 87.4* | 79.7* | 72.0* | 64.6* | 57.9* | 50.9* |       | 30                             |
| 32                                                                                                                                                            |      | 100*  | 94.8* | 89.1* | 83.3* | 76.4* | 69.3* | 62.8* | 56.6* | 50.2* | 43.3* | 32                             |
| 34                                                                                                                                                            |      | 91.6* | 88.2* | 83.5* | 78.7* | 72.7* | 66.6* | 60.6* | 55.1* | 49.1* | 43.1* | 34                             |
| 36                                                                                                                                                            |      | 85.0* | 81.8* | 78.0* | 74.1* | 69.4* | 63.9* | 58.7* | 53.2* | 47.7* | 42.7* | 36                             |
| 38                                                                                                                                                            |      |       | 75.7* | 73.3* | 69.6* | 65.6* | 61.2* | 56.4* | 51.6* | 46.4* | 41.8* | 38                             |
| 40                                                                                                                                                            |      |       | 70.5* | 68.1* | 65.7* | 62.3* | 58.1* | 54.1* | 49.7* | 45.0* | 40.6* | 40                             |
| 44                                                                                                                                                            |      |       |       | 59.4* | 57.6* | 55.4* | 52.7* | 49.5* | 46.2* | 42.2* | 38.5* | 44                             |
| 48                                                                                                                                                            |      |       |       | 51.8* | 50.7* | 49.3* | 47.4* | 45.0* | 42.4* | 38.9* | 35.9* | 48                             |
| 52                                                                                                                                                            |      |       |       |       | 44.3* | 43.8* | 42.3* | 40.6* | 38.6* | 36.2* | 33.3* | 52                             |
| 56                                                                                                                                                            |      |       |       |       |       | 38.6* | 37.8* | 36.6* | 35.2* | 33.0* | 31.0* | 56                             |
| 60                                                                                                                                                            |      |       |       |       |       | 34.0* | 33.8* | 33.1* | 31.9* | 30.4* | 28.7* | 60                             |
| 64                                                                                                                                                            |      |       |       |       |       |       | 30.0* | 29.5* | 29.0* | 27.6* | 26.3* | 64                             |
| 68                                                                                                                                                            |      |       |       |       |       |       |       | 26.6* | 26.2* | 25.3* | 24.1* | 68                             |
| 72                                                                                                                                                            |      |       |       |       |       |       |       |       | 23.4* | 22.9* | 22.1* | 72                             |
| 76                                                                                                                                                            |      |       |       |       |       |       |       |       | 21.1* | 20.8* | 20.1* | 76                             |
| 80                                                                                                                                                            |      |       |       |       |       |       |       |       |       | 18.8* | 18.2* | 80                             |
| 84                                                                                                                                                            |      |       |       |       |       |       |       |       |       |       | 16.5* | 84                             |
| 88                                                                                                                                                            |      |       |       |       |       |       |       |       |       |       | 15.0* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 60m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                           | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                       | 148  |      |      |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                                                                       | 133  | 129  |      |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                       | 120  | 116  | 113  | 109  |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                       | 109  | 106  | 103  | 100  | 97.2 |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                       | 100  | 97.6 | 94.9 | 91.9 | 89.3 | 86.5 |      |      |      |      |      | 24                             |
| 26                                                                                                                                                       | 92.8 | 90.1 | 87.7 | 84.8 | 82.5 | 79.9 | 76.8 | 68.2 |      |      |      | 26                             |
| 28                                                                                                                                                       | 86.1 | 83.6 | 81.3 | 78.7 | 76.5 | 74.1 | 71.9 | 66.5 | 59.4 |      |      | 28                             |
| 30                                                                                                                                                       | 80.2 | 77.8 | 75.8 | 73.3 | 71.2 | 69.0 | 66.9 | 64.6 | 57.9 | 50.9 |      | 30                             |
| 32                                                                                                                                                       |      | 72.8 | 70.8 | 68.5 | 66.5 | 64.4 | 62.4 | 60.7 | 56.6 | 50.2 | 43.3 | 32                             |
| 34                                                                                                                                                       |      | 68.3 | 66.4 | 64.2 | 62.4 | 60.3 | 58.4 | 56.8 | 55.0 | 49.1 | 43.1 | 34                             |
| 36                                                                                                                                                       |      | 63.3 | 62.5 | 60.3 | 58.6 | 56.6 | 54.8 | 53.3 | 51.5 | 47.7 | 42.7 | 36                             |
| 38                                                                                                                                                       |      |      | 58.9 | 56.8 | 55.2 | 53.3 | 51.6 | 50.1 | 48.4 | 46.4 | 41.8 | 38                             |
| 40                                                                                                                                                       |      |      | 54.9 | 53.7 | 52.1 | 50.3 | 48.6 | 47.2 | 45.6 | 44.2 | 40.6 | 40                             |
| 44                                                                                                                                                       |      |      |      | 47.5 | 46.6 | 44.9 | 43.4 | 42.1 | 40.5 | 39.3 | 37.7 | 44                             |
| 48                                                                                                                                                       |      |      |      | 41.8 | 41.6 | 40.4 | 38.9 | 37.8 | 36.3 | 35.1 | 33.6 | 48                             |
| 52                                                                                                                                                       |      |      |      |      | 36.9 | 36.4 | 35.1 | 34.0 | 32.6 | 31.5 | 30.0 | 52                             |
| 56                                                                                                                                                       |      |      |      |      |      | 32.4 | 31.8 | 30.8 | 29.4 | 28.3 | 26.9 | 56                             |
| 60                                                                                                                                                       |      |      |      |      |      | 28.9 | 28.5 | 27.9 | 26.6 | 25.5 | 24.2 | 60                             |
| 64                                                                                                                                                       |      |      |      |      |      |      | 25.5 | 25.3 | 24.1 | 23.1 | 21.8 | 64                             |
| 68                                                                                                                                                       |      |      |      |      |      |      |      | 22.6 | 21.8 | 20.9 | 19.6 | 68                             |
| 72                                                                                                                                                       |      |      |      |      |      |      |      |      | 19.8 | 18.9 | 17.7 | 72                             |
| 76                                                                                                                                                       |      |      |      |      |      |      |      |      | 17.7 | 17.1 | 15.9 | 76                             |
| 80                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 15.5 | 14.3 | 80                             |
| 84                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      | 12.8 | 84                             |
| 88                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      | 11.4 | 88                             |

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                            |      |       |       |       |       |       |       |       |       |       |       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 66m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |       |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                | 24   | 30    | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                            | 174* |       |       |       |       |       |       |       |       |       |       | 16                             |
| 18                                                                                                                                                            | 165* | 146*  |       |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                            | 154* | 138*  | 123*  |       |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                            | 143* | 130*  | 118*  | 105*  | 94.0* |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                            | 132* | 121*  | 111*  | 100*  | 90.5* | 80.8* |       |       |       |       |       | 24                             |
| 26                                                                                                                                                            | 122* | 113*  | 105*  | 95.7* | 86.9* | 78.0* | 70.0* |       |       |       |       | 26                             |
| 28                                                                                                                                                            | 112* | 105*  | 98.5* | 91.1* | 83.2* | 75.5* | 67.6* | 60.8* |       |       |       | 28                             |
| 30                                                                                                                                                            | 103* | 97.6* | 92.2* | 85.8* | 79.5* | 72.5* | 65.5* | 59.0* | 53.2* | 46.3* |       | 30                             |
| 32                                                                                                                                                            |      | 90.4* | 86.0* | 80.7* | 75.2* | 69.4* | 63.0* | 57.4* | 51.7* | 46.1* | 39.6* | 32                             |
| 34                                                                                                                                                            |      | 83.8* | 80.1* | 75.6* | 70.9* | 65.9* | 60.5* | 55.3* | 50.3* | 44.9* | 39.4* | 34                             |
| 36                                                                                                                                                            |      | 77.6* | 74.4* | 70.6* | 67.2* | 62.8* | 58.0* | 53.2* | 48.8* | 43.7* | 39.2* | 36                             |
| 38                                                                                                                                                            |      |       | 68.9* | 66.5* | 63.1* | 59.3* | 55.4* | 51.1* | 47.0* | 42.4* | 38.4* | 38                             |
| 40                                                                                                                                                            |      |       | 64.4* | 61.9* | 59.5* | 56.3* | 52.9* | 49.3* | 45.2* | 41.1* | 37.3* | 40                             |
| 44                                                                                                                                                            |      |       |       | 54.1* | 52.2* | 50.4* | 47.5* | 45.0* | 41.9* | 38.3* | 35.1* | 44                             |
| 48                                                                                                                                                            |      |       |       | 47.1* | 46.2* | 44.8* | 42.7* | 40.8* | 38.3* | 35.5* | 32.7* | 48                             |
| 52                                                                                                                                                            |      |       |       |       | 40.3* | 39.4* | 38.3* | 36.7* | 35.1* | 32.7* | 30.3* | 52                             |
| 56                                                                                                                                                            |      |       |       |       |       | 35.1* | 34.3* | 33.0* | 31.6* | 29.8* | 28.0* | 56                             |
| 60                                                                                                                                                            |      |       |       |       |       | 31.2* | 30.3* | 29.8* | 28.8* | 27.4* | 25.7* | 60                             |
| 64                                                                                                                                                            |      |       |       |       |       |       | 27.3* | 26.7* | 25.8* | 24.8* | 23.7* | 64                             |
| 68                                                                                                                                                            |      |       |       |       |       |       |       | 23.8* | 23.2* | 22.5* | 21.5* | 68                             |
| 72                                                                                                                                                            |      |       |       |       |       |       |       | 21.4* | 21.1* | 20.3* | 19.6* | 72                             |
| 76                                                                                                                                                            |      |       |       |       |       |       |       |       | 18.9* | 18.5* | 17.8* | 76                             |
| 80                                                                                                                                                            |      |       |       |       |       |       |       |       |       | 16.7* | 16.2* | 80                             |
| 84                                                                                                                                                            |      |       |       |       |       |       |       |       |       |       | 14.5* | 84                             |
| 88                                                                                                                                                            |      |       |       |       |       |       |       |       |       |       | 13.2* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                          |      |      |      |      |      |      |      |      |      |      |      |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 66m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 0t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                              | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                          | 143  |      |      |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                                                                          | 128  | 124  |      |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                          | 116  | 112  | 109  |      |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                          | 106  | 102  | 99.9 | 96.6 | 93.9 |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                          | 97.3 | 94.4 | 91.8 | 88.8 | 86.3 | 80.8 |      |      |      |      |      | 24                             |
| 26                                                                                                                                                          | 89.9 | 87.2 | 84.9 | 82.1 | 79.8 | 77.2 | 70.0 |      |      |      |      | 26                             |
| 28                                                                                                                                                          | 83.4 | 81.0 | 78.8 | 76.2 | 74.0 | 71.6 | 67.6 | 60.8 |      |      |      | 28                             |
| 30                                                                                                                                                          | 77.7 | 75.5 | 73.4 | 71.0 | 69.0 | 66.7 | 64.6 | 59.0 | 53.2 | 46.3 |      | 30                             |
| 32                                                                                                                                                          |      | 70.6 | 68.7 | 66.4 | 64.4 | 62.3 | 60.3 | 57.4 | 51.7 | 46.1 | 39.6 | 32                             |
| 34                                                                                                                                                          |      | 66.2 | 64.4 | 62.2 | 60.4 | 58.4 | 56.5 | 54.9 | 50.3 | 44.9 | 39.4 | 34                             |
| 36                                                                                                                                                          |      | 62.3 | 60.6 | 58.5 | 56.8 | 54.8 | 53.0 | 51.5 | 48.8 | 43.7 | 39.2 | 36                             |
| 38                                                                                                                                                          |      |      | 57.2 | 55.1 | 53.5 | 51.6 | 49.9 | 48.5 | 46.7 | 42.4 | 38.4 | 38                             |
| 40                                                                                                                                                          |      |      | 54.0 | 52.1 | 50.5 | 48.7 | 47.0 | 45.7 | 44.0 | 41.1 | 37.3 | 40                             |
| 44                                                                                                                                                          |      |      |      | 46.7 | 45.2 | 43.5 | 42.0 | 40.7 | 39.1 | 37.9 | 35.1 | 44                             |
| 48                                                                                                                                                          |      |      |      | 41.6 | 40.8 | 39.2 | 37.7 | 36.5 | 35.0 | 33.8 | 32.3 | 48                             |
| 52                                                                                                                                                          |      |      |      |      | 36.7 | 35.4 | 34.0 | 32.9 | 31.4 | 30.3 | 28.9 | 52                             |
| 56                                                                                                                                                          |      |      |      |      |      | 32.1 | 30.8 | 29.7 | 28.3 | 27.2 | 25.9 | 56                             |
| 60                                                                                                                                                          |      |      |      |      |      | 28.7 | 27.9 | 26.9 | 25.6 | 24.5 | 23.2 | 60                             |
| 64                                                                                                                                                          |      |      |      |      |      |      | 25.3 | 24.4 | 23.2 | 22.2 | 20.9 | 64                             |
| 68                                                                                                                                                          |      |      |      |      |      |      |      | 22.2 | 21.0 | 20.0 | 18.8 | 68                             |
| 72                                                                                                                                                          |      |      |      |      |      |      |      | 20.1 | 19.0 | 18.1 | 16.9 | 72                             |
| 76                                                                                                                                                          |      |      |      |      |      |      |      |      | 17.2 | 16.3 | 15.1 | 76                             |
| 80                                                                                                                                                          |      |      |      |      |      |      |      |      |      | 14.7 | 13.6 | 80                             |
| 84                                                                                                                                                          |      |      |      |      |      |      |      |      |      |      | 12.1 | 84                             |
| 88                                                                                                                                                          |      |      |      |      |      |      |      |      |      |      | 10.8 | 88                             |

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                            |       |       |       |       |       |       |       |       |       |       |       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 72m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |       |       |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                | 24    | 30    | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                            | 145*  | 129*  |       |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                            | 137*  | 123*  | 110*  |       |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                            | 127*  | 116*  | 105*  | 94.6* |       |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                            | 118*  | 109*  | 99.9* | 90.5* | 81.5* | 73.2* |       |       |       |       |       | 24                             |
| 26                                                                                                                                                            | 110*  | 102*  | 94.6* | 86.3* | 78.7* | 71.0* | 63.5* |       |       |       |       | 26                             |
| 28                                                                                                                                                            | 101*  | 95.2* | 88.7* | 82.0* | 75.2* | 68.2* | 61.6* | 55.5* |       |       |       | 28                             |
| 30                                                                                                                                                            | 93.9* | 88.5* | 83.0* | 77.2* | 71.8* | 65.4* | 59.3* | 53.9* | 48.5* |       |       | 30                             |
| 32                                                                                                                                                            | 87.6* | 81.5* | 77.4* | 73.0* | 67.8* | 62.6* | 57.3* | 52.3* | 47.2* | 41.6* | 35.7* | 32                             |
| 34                                                                                                                                                            |       | 75.6* | 72.1* | 68.4* | 64.3* | 59.7* | 54.9* | 50.3* | 45.8* | 41.0* | 35.5* | 34                             |
| 36                                                                                                                                                            |       | 70.7* | 67.5* | 63.9* | 60.5* | 56.8* | 52.6* | 48.3* | 44.2* | 39.8* | 35.3* | 36                             |
| 38                                                                                                                                                            |       |       | 62.7* | 60.0* | 57.1* | 53.6* | 50.2* | 46.6* | 42.7* | 38.6* | 34.9* | 38                             |
| 40                                                                                                                                                            |       |       | 58.6* | 56.3* | 53.9* | 50.8* | 47.8* | 44.3* | 41.1* | 37.4* | 33.9* | 40                             |
| 44                                                                                                                                                            |       |       |       | 48.9* | 47.2* | 45.5* | 43.2* | 40.6* | 37.8* | 34.8* | 31.7* | 44                             |
| 48                                                                                                                                                            |       |       |       | 42.7* | 41.8* | 40.3* | 38.7* | 36.7* | 34.7* | 32.1* | 29.5* | 48                             |
| 52                                                                                                                                                            |       |       |       |       | 36.7* | 35.8* | 34.4* | 33.2* | 31.4* | 29.5* | 27.5* | 52                             |
| 56                                                                                                                                                            |       |       |       |       |       | 31.6* | 30.9* | 29.8* | 28.5* | 26.8* | 25.1* | 56                             |
| 60                                                                                                                                                            |       |       |       |       |       | 28.1* | 27.3* | 26.6* | 25.6* | 24.5* | 23.1* | 60                             |
| 64                                                                                                                                                            |       |       |       |       |       |       | 24.3* | 23.9* | 23.1* | 22.1* | 21.1* | 64                             |
| 68                                                                                                                                                            |       |       |       |       |       |       |       | 21.5* | 20.7* | 20.1* | 19.1* | 68                             |
| 72                                                                                                                                                            |       |       |       |       |       |       |       | 19.1* | 18.7* | 18.1* | 17.3* | 72                             |
| 76                                                                                                                                                            |       |       |       |       |       |       |       |       | 16.8* | 16.3* | 15.6* | 76                             |
| 80                                                                                                                                                            |       |       |       |       |       |       |       |       |       | 14.7* | 14.2* | 80                             |
| 84                                                                                                                                                            |       |       |       |       |       |       |       |       |       | 13.2* | 12.8* | 84                             |
| 88                                                                                                                                                            |       |       |       |       |       |       |       |       |       |       | 11.5* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

Unit: t

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                          |      |      |      |      |      |      |      |      |      |      |      |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 72m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 0t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                              | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                          | 123  | 119  |      |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                          | 112  | 108  | 105  |      |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                          | 102  | 99.2 | 96.4 | 93.2 |      |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                          | 94.0 | 91.2 | 88.7 | 85.7 | 81.5 | 73.2 |      |      |      |      |      | 24                             |
| 26                                                                                                                                                          | 86.9 | 84.3 | 82.0 | 79.3 | 77.0 | 71.0 | 63.5 |      |      |      |      | 26                             |
| 28                                                                                                                                                          | 80.7 | 78.3 | 76.2 | 73.6 | 71.5 | 68.2 | 61.6 | 55.5 |      |      |      | 28                             |
| 30                                                                                                                                                          | 75.3 | 73.0 | 71.0 | 68.6 | 66.6 | 64.4 | 59.3 | 53.9 | 48.5 |      |      | 30                             |
| 32                                                                                                                                                          | 70.4 | 68.3 | 66.5 | 64.2 | 62.3 | 60.2 | 57.3 | 52.3 | 47.2 | 41.6 | 35.7 | 32                             |
| 34                                                                                                                                                          |      | 64.1 | 62.4 | 60.2 | 58.4 | 56.4 | 54.5 | 50.3 | 45.8 | 41.0 | 35.5 | 34                             |
| 36                                                                                                                                                          |      | 60.4 | 58.7 | 56.6 | 54.9 | 53.0 | 51.2 | 48.3 | 44.2 | 39.8 | 35.3 | 36                             |
| 38                                                                                                                                                          |      |      | 55.4 | 53.4 | 51.7 | 49.9 | 48.1 | 46.6 | 42.7 | 38.6 | 34.9 | 38                             |
| 40                                                                                                                                                          |      |      | 52.3 | 50.4 | 48.8 | 47.0 | 45.4 | 44.0 | 41.1 | 37.4 | 33.9 | 40                             |
| 44                                                                                                                                                          |      |      |      | 45.2 | 43.8 | 42.1 | 40.5 | 39.2 | 37.7 | 34.8 | 31.7 | 44                             |
| 48                                                                                                                                                          |      |      |      | 40.8 | 39.4 | 37.8 | 36.3 | 35.2 | 33.7 | 32.1 | 29.5 | 48                             |
| 52                                                                                                                                                          |      |      |      |      | 35.7 | 34.2 | 32.8 | 31.7 | 30.2 | 29.1 | 27.5 | 52                             |
| 56                                                                                                                                                          |      |      |      |      |      | 31.0 | 29.6 | 28.6 | 27.2 | 26.1 | 24.8 | 56                             |
| 60                                                                                                                                                          |      |      |      |      |      | 28.1 | 26.9 | 25.9 | 24.6 | 23.5 | 22.2 | 60                             |
| 64                                                                                                                                                          |      |      |      |      |      |      | 24.3 | 23.5 | 22.2 | 21.2 | 19.9 | 64                             |
| 68                                                                                                                                                          |      |      |      |      |      |      |      | 21.3 | 20.1 | 19.1 | 17.8 | 68                             |
| 72                                                                                                                                                          |      |      |      |      |      |      |      | 19.1 | 18.2 | 17.2 | 16.0 | 72                             |
| 76                                                                                                                                                          |      |      |      |      |      |      |      |      | 16.4 | 15.5 | 14.3 | 76                             |
| 80                                                                                                                                                          |      |      |      |      |      |      |      |      |      | 14.0 | 12.8 | 80                             |
| 84                                                                                                                                                          |      |      |      |      |      |      |      |      |      | 12.5 | 11.4 | 84                             |
| 88                                                                                                                                                          |      |      |      |      |      |      |      |      |      |      | 10.1 | 88                             |

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                            |       |       |       |       |       |       |       |       |       |       |       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 78m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |       |       |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                | 24    | 30    | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                            | 129*  |       |       |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                            | 122*  | 110*  | 98.6* |       |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                            | 114*  | 104*  | 94.6* | 84.9* |       |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                            | 106*  | 98.2* | 89.8* | 81.6* | 73.7* |       |       |       |       |       |       | 24                             |
| 26                                                                                                                                                            | 99.2* | 92.3* | 85.0* | 77.8* | 71.0* | 64.0* | 57.5* |       |       |       |       | 26                             |
| 28                                                                                                                                                            | 92.0* | 86.1* | 80.3* | 73.9* | 67.8* | 61.8* | 55.8* | 50.2* |       |       |       | 28                             |
| 30                                                                                                                                                            | 85.4* | 80.1* | 75.1* | 70.0* | 64.6* | 59.2* | 54.0* | 49.0* | 43.2* |       |       | 30                             |
| 32                                                                                                                                                            | 79.7* | 74.4* | 70.6* | 66.2* | 61.4* | 56.9* | 51.8* | 47.5* | 42.9* | 37.1* |       | 32                             |
| 34                                                                                                                                                            |       | 69.1* | 65.8* | 62.0* | 58.2* | 54.2* | 49.9* | 45.6* | 41.4* | 36.9* | 31.6* | 34                             |
| 36                                                                                                                                                            |       | 64.7* | 61.7* | 58.3* | 55.1* | 51.6* | 47.7* | 43.8* | 40.1* | 36.2* | 31.4* | 36                             |
| 38                                                                                                                                                            |       | 60.4* | 57.3* | 54.8* | 52.0* | 48.6* | 45.5* | 42.2* | 38.8* | 35.1* | 31.2* | 38                             |
| 40                                                                                                                                                            |       |       | 53.7* | 51.1* | 48.7* | 46.4* | 43.3* | 40.3* | 37.2* | 34.0* | 30.8* | 40                             |
| 44                                                                                                                                                            |       |       | 46.9* | 44.8* | 43.1* | 41.4* | 39.0* | 36.9* | 34.3* | 31.5* | 28.9* | 44                             |
| 48                                                                                                                                                            |       |       |       | 39.4* | 38.2* | 36.7* | 35.2* | 33.3* | 31.2* | 29.1* | 26.8* | 48                             |
| 52                                                                                                                                                            |       |       |       |       | 33.8* | 32.6* | 31.3* | 30.0* | 28.4* | 26.6* | 24.8* | 52                             |
| 56                                                                                                                                                            |       |       |       |       |       | 28.8* | 27.9* | 26.9* | 25.7* | 24.3* | 22.6* | 56                             |
| 60                                                                                                                                                            |       |       |       |       |       | 25.7* | 24.9* | 24.2* | 23.3* | 22.0* | 20.7* | 60                             |
| 64                                                                                                                                                            |       |       |       |       |       |       | 22.2* | 21.7* | 20.8* | 20.0* | 18.8* | 64                             |
| 68                                                                                                                                                            |       |       |       |       |       |       |       | 19.3* | 18.6* | 18.0* | 17.0* | 68                             |
| 72                                                                                                                                                            |       |       |       |       |       |       |       | 17.4* | 16.8* | 16.2* | 15.3* | 72                             |
| 76                                                                                                                                                            |       |       |       |       |       |       |       |       | 15.1* | 14.5* | 13.9* | 76                             |
| 80                                                                                                                                                            |       |       |       |       |       |       |       |       |       | 13.0* | 12.5* | 80                             |
| 84                                                                                                                                                            |       |       |       |       |       |       |       |       |       | 11.7* | 11.2* | 84                             |
| 88                                                                                                                                                            |       |       |       |       |       |       |       |       |       |       | 10.1* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

Unit: t

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 78m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                           | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                       | 118  |      |      |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                       | 107  | 104  | 98.6 |      |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                       | 98.5 | 95.5 | 92.7 | 84.9 |      |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                       | 90.7 | 87.9 | 85.4 | 81.6 | 73.7 |      |      |      |      |      |      | 24                             |
| 26                                                                                                                                                       | 83.9 | 81.3 | 79.0 | 76.3 | 71.0 | 64.0 | 57.5 |      |      |      |      | 26                             |
| 28                                                                                                                                                       | 77.9 | 75.6 | 73.5 | 70.9 | 67.8 | 61.8 | 55.8 | 50.2 |      |      |      | 28                             |
| 30                                                                                                                                                       | 72.7 | 70.5 | 68.5 | 66.2 | 64.2 | 59.2 | 54.0 | 49.0 | 43.2 |      |      | 30                             |
| 32                                                                                                                                                       | 68.0 | 66.0 | 64.2 | 61.9 | 60.0 | 56.9 | 51.8 | 47.5 | 42.9 | 37.1 |      | 32                             |
| 34                                                                                                                                                       |      | 62.0 | 60.2 | 58.1 | 56.3 | 54.2 | 49.9 | 45.6 | 41.4 | 36.9 | 31.6 | 34                             |
| 36                                                                                                                                                       |      | 58.3 | 56.7 | 54.6 | 52.9 | 51.0 | 47.7 | 43.8 | 40.1 | 36.2 | 31.4 | 36                             |
| 38                                                                                                                                                       |      | 55.0 | 53.5 | 51.5 | 49.9 | 48.0 | 45.5 | 42.2 | 38.8 | 35.1 | 31.2 | 38                             |
| 40                                                                                                                                                       |      |      | 50.6 | 48.6 | 47.1 | 45.3 | 43.3 | 40.3 | 37.2 | 34.0 | 30.8 | 40                             |
| 44                                                                                                                                                       |      |      | 45.4 | 43.6 | 42.2 | 40.5 | 38.9 | 36.9 | 34.3 | 31.5 | 28.9 | 44                             |
| 48                                                                                                                                                       |      |      |      | 39.4 | 38.0 | 36.4 | 34.9 | 33.3 | 31.2 | 29.1 | 26.8 | 48                             |
| 52                                                                                                                                                       |      |      |      |      | 33.8 | 32.6 | 31.3 | 30.0 | 28.4 | 26.6 | 24.8 | 52                             |
| 56                                                                                                                                                       |      |      |      |      |      | 28.8 | 27.9 | 26.9 | 25.7 | 24.3 | 22.6 | 56                             |
| 60                                                                                                                                                       |      |      |      |      |      | 25.7 | 24.9 | 24.2 | 23.3 | 22.0 | 20.7 | 60                             |
| 64                                                                                                                                                       |      |      |      |      |      |      | 22.2 | 21.7 | 20.8 | 20.0 | 18.8 | 64                             |
| 68                                                                                                                                                       |      |      |      |      |      |      |      | 19.3 | 18.6 | 18.0 | 16.9 | 68                             |
| 72                                                                                                                                                       |      |      |      |      |      |      |      | 17.4 | 16.8 | 16.2 | 15.1 | 72                             |
| 76                                                                                                                                                       |      |      |      |      |      |      |      |      | 15.1 | 14.5 | 13.5 | 76                             |
| 80                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 13.0 | 12.0 | 80                             |
| 84                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 11.7 | 10.6 | 84                             |
| 88                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      | 9.3  | 88                             |

## Load Chart of LJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                            |       |       |       |       |       |       |       |       |       |       |       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 84m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |       |       |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                | 24    | 30    | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                            | 114*  |       |       |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                            | 108*  | 98.2* |       |       |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                            | 102*  | 93.5* | 84.4* | 76.1* |       |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                            | 95.8* | 88.2* | 80.6* | 73.1* | 66.4* |       |       |       |       |       |       | 24                             |
| 26                                                                                                                                                            | 89.6* | 83.0* | 76.8* | 70.0* | 63.9* | 57.7* |       |       |       |       |       | 26                             |
| 28                                                                                                                                                            | 83.3* | 77.9* | 72.5* | 66.9* | 61.4* | 55.7* | 50.3* |       |       |       |       | 28                             |
| 30                                                                                                                                                            | 77.9* | 72.6* | 68.3* | 63.3* | 58.5* | 53.6* | 48.9* | 43.7* | 38.1* |       |       | 30                             |
| 32                                                                                                                                                            | 72.6* | 68.0* | 63.8* | 59.8* | 55.5* | 51.1* | 46.9* | 42.8* | 37.7* | 32.6* |       | 32                             |
| 34                                                                                                                                                            |       | 63.2* | 59.9* | 56.4* | 52.6* | 48.8* | 45.1* | 41.4* | 37.4* | 32.4* | 27.7* | 34                             |
| 36                                                                                                                                                            |       | 58.8* | 56.2* | 53.1* | 49.8* | 46.7* | 43.0* | 39.6* | 36.4* | 32.0* | 27.5* | 36                             |
| 38                                                                                                                                                            |       | 55.2* | 52.3* | 49.6* | 47.0* | 44.3* | 41.2* | 38.1* | 35.1* | 31.7* | 27.3* | 38                             |
| 40                                                                                                                                                            |       |       | 49.0* | 46.6* | 44.3* | 41.9* | 39.2* | 36.6* | 33.6* | 30.6* | 27.0* | 40                             |
| 44                                                                                                                                                            |       |       | 42.8* | 40.9* | 39.5* | 37.4* | 35.3* | 33.3* | 30.9* | 28.4* | 25.9* | 44                             |
| 48                                                                                                                                                            |       |       |       | 35.9* | 34.8* | 33.4* | 31.7* | 29.9* | 28.2* | 26.1* | 24.1* | 48                             |
| 52                                                                                                                                                            |       |       |       |       | 30.8* | 29.7* | 28.4* | 27.2* | 25.6* | 23.9* | 22.1* | 52                             |
| 56                                                                                                                                                            |       |       |       |       | 27.4* | 26.3* | 25.3* | 24.3* | 23.1* | 21.7* | 20.2* | 56                             |
| 60                                                                                                                                                            |       |       |       |       |       | 23.2* | 22.6* | 21.7* | 20.8* | 19.6* | 18.4* | 60                             |
| 64                                                                                                                                                            |       |       |       |       |       |       | 20.2* | 19.4* | 18.7* | 17.7* | 16.7* | 64                             |
| 68                                                                                                                                                            |       |       |       |       |       |       |       | 17.4* | 16.7* | 16.0* | 15.2* | 68                             |
| 72                                                                                                                                                            |       |       |       |       |       |       |       | 15.5* | 14.9* | 14.3* | 13.6* | 72                             |
| 76                                                                                                                                                            |       |       |       |       |       |       |       |       | 13.4* | 12.8* | 12.2* | 76                             |
| 80                                                                                                                                                            |       |       |       |       |       |       |       |       |       | 11.6* | 11.0* | 80                             |
| 84                                                                                                                                                            |       |       |       |       |       |       |       |       |       | 10.3* | 9.7*  | 84                             |
| 88                                                                                                                                                            |       |       |       |       |       |       |       |       |       |       | 8.7*  | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of LJDB

Note:

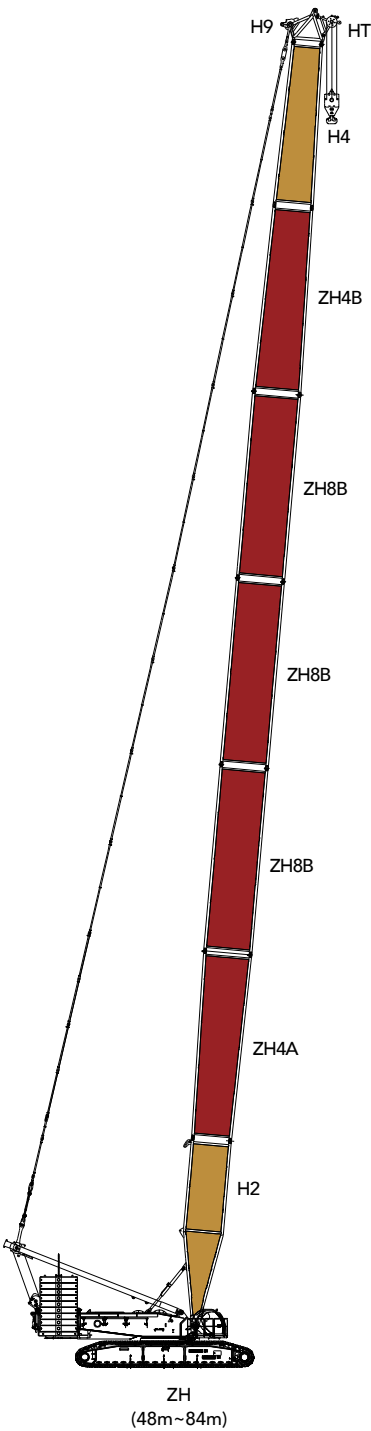
1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| LJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------------------------|
| Boom length 84m, Boom angle 85°, Jib length 24~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                         |
| Jib length<br>Radius(m)                                                                                                                                  | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>Radius(m) |
| 18                                                                                                                                                       | 113  |      |      |      |      |      |      |      |      |      |      | 18                      |
| 20                                                                                                                                                       | 103  | 98.2 |      |      |      |      |      |      |      |      |      | 20                      |
| 22                                                                                                                                                       | 94.8 | 91.8 | 84.4 | 76.1 |      |      |      |      |      |      |      | 22                      |
| 24                                                                                                                                                       | 87.3 | 84.6 | 80.6 | 73.1 | 66.4 |      |      |      |      |      |      | 24                      |
| 26                                                                                                                                                       | 80.9 | 78.4 | 76.1 | 70.0 | 63.9 | 57.7 |      |      |      |      |      | 26                      |
| 28                                                                                                                                                       | 75.2 | 72.9 | 70.8 | 66.9 | 61.4 | 55.7 | 50.3 |      |      |      |      | 28                      |
| 30                                                                                                                                                       | 70.1 | 68.0 | 66.1 | 63.3 | 58.5 | 53.6 | 48.9 | 43.7 | 38.1 |      |      | 30                      |
| 32                                                                                                                                                       | 65.7 | 63.7 | 61.9 | 59.6 | 55.5 | 51.1 | 46.9 | 42.8 | 37.7 | 32.6 |      | 32                      |
| 34                                                                                                                                                       |      | 59.8 | 58.1 | 56.0 | 52.6 | 48.8 | 45.1 | 41.4 | 37.4 | 32.4 | 27.7 | 34                      |
| 36                                                                                                                                                       |      | 56.3 | 54.7 | 52.6 | 49.8 | 46.7 | 43.0 | 39.6 | 36.4 | 32.0 | 27.5 | 36                      |
| 38                                                                                                                                                       |      | 53.1 | 51.6 | 49.6 | 47.0 | 44.3 | 41.2 | 38.1 | 35.1 | 31.7 | 27.3 | 38                      |
| 40                                                                                                                                                       |      |      | 48.8 | 46.6 | 44.3 | 41.9 | 39.2 | 36.6 | 33.6 | 30.6 | 27.0 | 40                      |
| 44                                                                                                                                                       |      |      | 42.8 | 40.9 | 39.5 | 37.4 | 35.3 | 33.3 | 30.9 | 28.4 | 25.9 | 44                      |
| 48                                                                                                                                                       |      |      |      | 35.9 | 34.8 | 33.4 | 31.7 | 29.9 | 28.2 | 26.1 | 24.1 | 48                      |
| 52                                                                                                                                                       |      |      |      |      | 30.8 | 29.7 | 28.4 | 27.2 | 25.6 | 23.9 | 22.1 | 52                      |
| 56                                                                                                                                                       |      |      |      |      | 27.4 | 26.3 | 25.3 | 24.3 | 23.1 | 21.7 | 20.2 | 56                      |
| 60                                                                                                                                                       |      |      |      |      |      | 23.2 | 22.6 | 21.7 | 20.8 | 19.6 | 18.4 | 60                      |
| 64                                                                                                                                                       |      |      |      |      |      |      | 20.2 | 19.4 | 18.7 | 17.7 | 16.7 | 64                      |
| 68                                                                                                                                                       |      |      |      |      |      |      |      | 17.4 | 16.7 | 16.0 | 15.2 | 68                      |
| 72                                                                                                                                                       |      |      |      |      |      |      |      | 15.5 | 14.9 | 14.3 | 13.6 | 72                      |
| 76                                                                                                                                                       |      |      |      |      |      |      |      |      | 13.4 | 12.8 | 12.2 | 76                      |
| 80                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 11.6 | 11.0 | 80                      |
| 84                                                                                                                                                       |      |      |      |      |      |      |      |      |      | 10.3 | 9.7  | 84                      |
| 88                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      | 8.6  | 88                      |

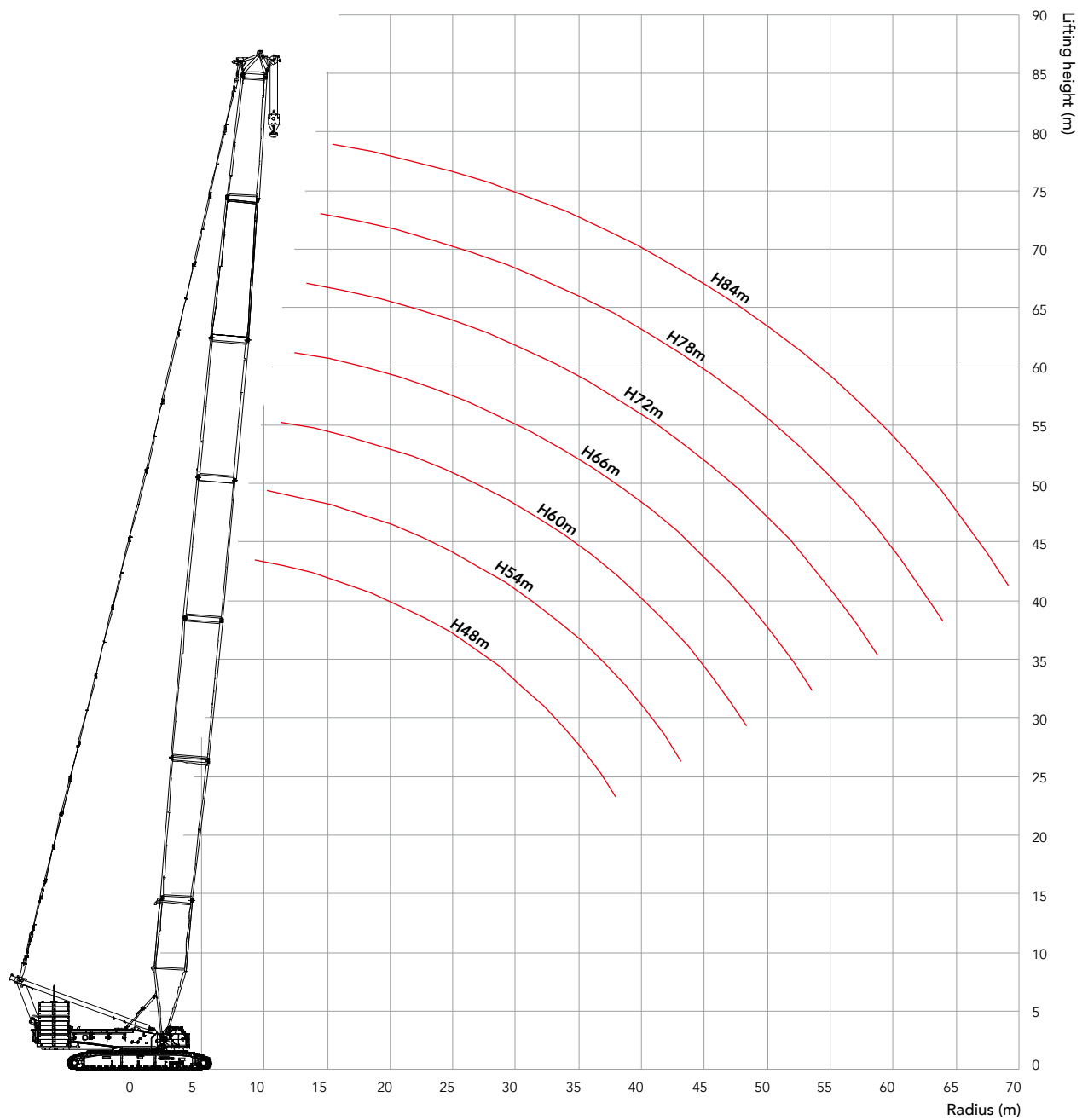
Boom Combination in ZH

| Boom Combination in ZH |            |            |            |            |
|------------------------|------------|------------|------------|------------|
| Boom length (m)        | Power boom |            |            |            |
|                        | 6m/(ZH6)   | 12m/(ZH4A) | 12m/(ZH8B) | 12m/(ZH4B) |
| 48                     | -          | 1          | -          | 1          |
| 54                     | 1          | 1          | -          | 1          |
| 60                     | -          | 1          | 1          | 1          |
| 66                     | 1          | 1          | 1          | 1          |
| 72                     | -          | 1          | 2          | 1          |
| 78                     | 1          | 1          | 2          | 1          |
| 84                     | -          | 1          | 3          | 1          |

Attention: If the boom length is 78m and more, the crane must boom up from side by side erection outrigger, otherwise, the crane may tip over !



## Working Radius in ZH



## Load Chart of ZH

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

### ZH Configuration

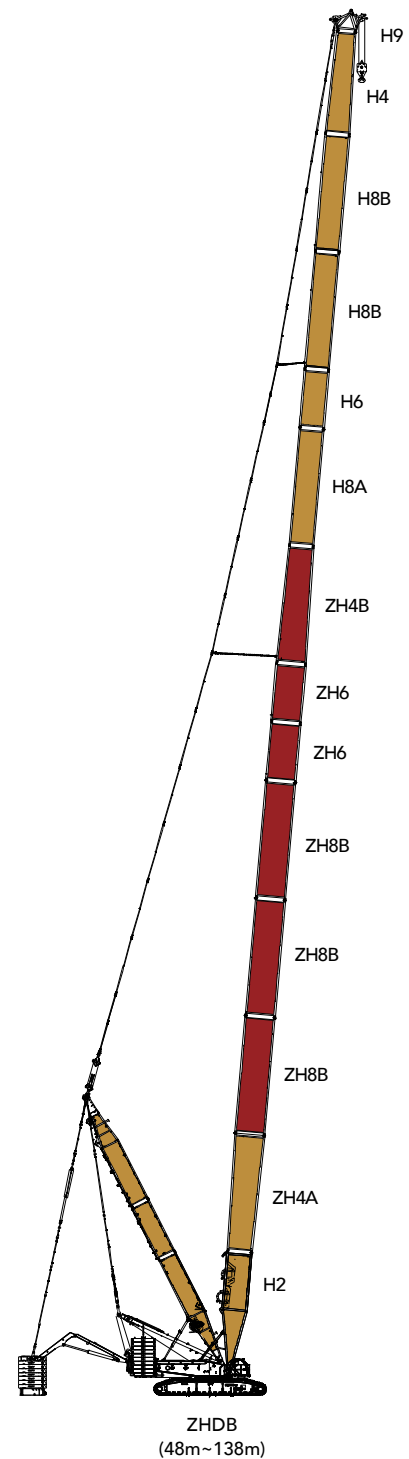
Boom length 48m~84m, Rear counterweight 230t, Carbody counterweight 50t

| Boom length<br>Radius(m) | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Boom length<br>Radius(m) |
|--------------------------|------|------|------|------|------|------|------|--------------------------|
| 8                        | 418  |      |      |      |      |      |      | 8                        |
| 9                        | 366  | 346  | 329  |      |      |      |      | 9                        |
| 10                       | 324  | 308  | 294  | 280  | 268  |      |      | 10                       |
| 11                       | 289  | 277  | 265  | 254  | 243  | 233  | 223  | 11                       |
| 12                       | 261  | 252  | 241  | 231  | 222  | 213  | 205  | 12                       |
| 14                       | 218  | 211  | 204  | 196  | 189  | 181  | 175  | 14                       |
| 16                       | 186  | 181  | 175  | 169  | 163  | 157  | 151  | 16                       |
| 18                       | 161  | 158  | 153  | 147  | 142  | 137  | 133  | 18                       |
| 20                       | 142  | 139  | 135  | 130  | 126  | 121  | 117  | 20                       |
| 22                       | 126  | 124  | 120  | 116  | 112  | 108  | 105  | 22                       |
| 24                       | 111  | 110  | 108  | 104  | 101  | 97.6 | 94.4 | 24                       |
| 26                       | 99.2 | 98.3 | 97.6 | 94.6 | 91.6 | 88.1 | 85.2 | 26                       |
| 28                       | 88.8 | 87.9 | 87.2 | 85.9 | 83.1 | 79.9 | 77.2 | 28                       |
| 30                       | 79.9 | 79.0 | 78.3 | 77.1 | 75.8 | 72.7 | 70.2 | 30                       |
| 32                       | 72.3 | 71.4 | 70.7 | 69.5 | 68.7 | 66.4 | 64.0 | 32                       |
| 34                       | 65.7 | 64.8 | 64.1 | 62.9 | 62.1 | 60.7 | 58.5 | 34                       |
| 36                       | 60.0 | 59.1 | 58.3 | 57.1 | 56.3 | 54.9 | 53.6 | 36                       |
| 38                       | 54.8 | 54.0 | 53.2 | 52.0 | 51.2 | 49.8 | 48.8 | 38                       |
| 40                       | 50.3 | 49.4 | 48.7 | 47.5 | 46.6 | 45.2 | 44.2 | 40                       |
| 44                       | 42.4 | 41.6 | 41.0 | 39.7 | 38.9 | 37.5 | 36.5 | 44                       |
| 48                       |      | 35.2 | 34.6 | 33.4 | 32.5 | 31.1 | 30.1 | 48                       |
| 52                       |      |      | 29.2 | 28.1 | 27.2 | 25.8 | 24.8 | 52                       |
| 56                       |      |      |      | 23.5 | 22.7 | 21.3 | 20.3 | 56                       |
| 60                       |      |      |      |      | 18.8 | 17.4 | 16.4 | 60                       |
| 64                       |      |      |      |      | 15.4 | 14.0 | 13.0 | 64                       |
| 68                       |      |      |      |      |      | 11.0 | 10.1 | 68                       |
| 72                       |      |      |      |      |      |      | 7.4  | 72                       |

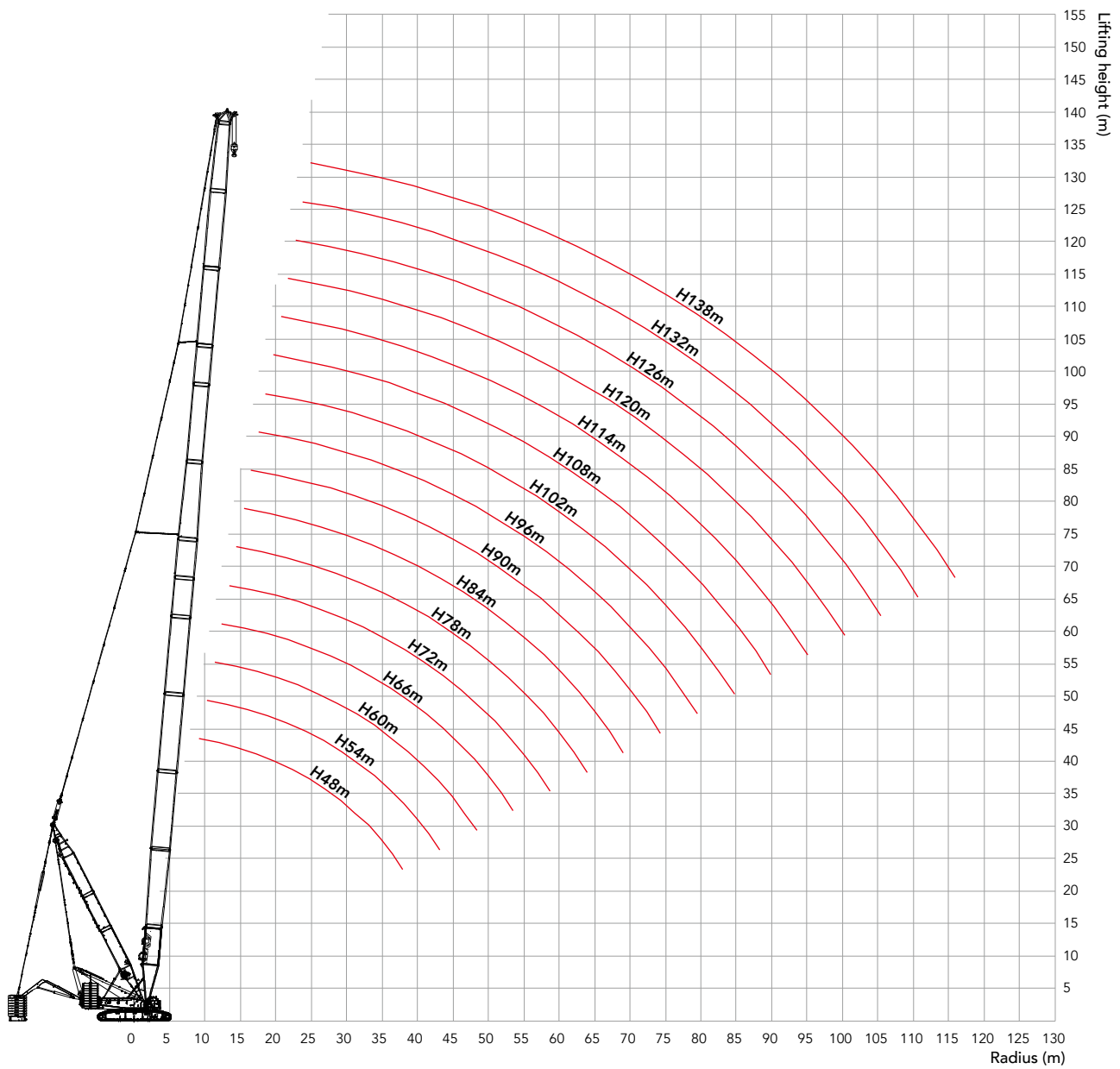
## Boom Combination in ZHDB

| Boom Combination in ZHDB |             |                |                |                |                |              |                |
|--------------------------|-------------|----------------|----------------|----------------|----------------|--------------|----------------|
| Boom length (m)          | Boom insert |                |                | Power boom     |                |              |                |
|                          | 6m/<br>(H6) | 12mA/<br>(H8A) | 12mA/<br>(H8B) | 12m/<br>(ZH4A) | 12m/<br>(ZH8B) | 6m/<br>(ZH6) | 12m/<br>(ZH4B) |
| 48                       | -           | -              | -              | 1              | -              | -            | 1              |
| 54                       | -           | -              | -              | 1              | -              | 1            | 1              |
| 60                       | -           | -              | -              | 1              | 1              | -            | 1              |
| 66                       | -           | -              | -              | 1              | 1              | 1            | 1              |
| 72                       | -           | -              | -              | 1              | 2              | -            | 1              |
| 78                       | -           | -              | -              | 1              | 2              | 1            | 1              |
| 84                       | -           | -              | -              | 1              | 3              | -            | 1              |
| 90                       | -           | -              | -              | 1              | 3              | 1            | 1              |
| 96                       | -           | -              | -              | 1              | 3              | 2            | 1              |
| 102**                    | 1           | -              | -              | 1              | 3              | 2            | 1              |
| 108**                    | 2           | -              | -              | 1              | 3              | 2            | 1              |
| 114**                    | 1           | 1              | -              | 1              | 3              | 2            | 1              |
| 120**                    | 2           | 1              | -              | 1              | 3              | 2            | 1              |
| 126**                    | 1           | 1              | 1              | 1              | 3              | 2            | 1              |
| 132**                    | 2           | 1              | 1              | 1              | 3              | 2            | 1              |
| 138**                    | 1           | 1              | 2              | 1              | 3              | 2            | 1              |

Note: For boom combinations of 102m~138m, marked with "\*\*", the mid-point suspension cable must be used, otherwise, the boom system may break.



## Working Radius in ZHDB



## Load Chart of ZHDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZHDB Configuration                                                                                                           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                 |
|------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------------|
| Boom length 48m~138m, Superlift radius 18m, Superlift counterweight 280t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                 |
| Boom length<br>(m)<br>Radius(m)                                                                                              | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 90   | 96   | 102  | 108  | 114  | 120  | 126  | 132  | 138  | Boom length<br>(m)<br>Radius(m) |
| 8                                                                                                                            | 589* |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 8                               |
| 9                                                                                                                            | 592* | 535* | 476* |      |      |      |      |      |      |      |      |      |      |      |      |      | 9                               |
| 10                                                                                                                           | 594* | 537* | 476* | 446* | 384* |      |      |      |      |      |      |      |      |      |      |      | 10                              |
| 11                                                                                                                           | 597* | 537* | 476* | 446* | 384* | 353* | 321* |      |      |      |      |      |      |      |      |      | 11                              |
| 12                                                                                                                           | 583  | 537* | 476* | 446* | 384* | 353* | 321* | 321* | 290* |      |      |      |      |      |      |      | 12                              |
| 14                                                                                                                           | 500  | 499  | 476  | 446* | 384* | 353* | 321* | 321* | 290* | 254* | 222* | 198* | 174* |      |      |      | 14                              |
| 16                                                                                                                           | 437  | 436  | 436  | 434  | 384* | 353* | 321* | 321* | 290* | 255* | 222* | 199* | 175* | 153* | 135* | 119* | 16                              |
| 18                                                                                                                           | 388  | 387  | 386  | 385  | 384  | 353  | 321* | 321* | 290* | 255* | 222* | 199* | 175* | 153* | 136* | 118* | 18                              |
| 20                                                                                                                           | 348  | 347  | 346  | 345  | 344  | 342  | 332  | 319  | 290  | 255* | 223* | 199* | 175* | 153* | 135* | 117* | 20                              |
| 22                                                                                                                           | 315  | 314  | 313  | 312  | 311  | 309  | 303  | 291  | 280  | 255  | 223* | 199* | 175* | 154* | 134* | 116* | 22                              |
| 24                                                                                                                           | 287  | 286  | 286  | 284  | 283  | 282  | 279  | 268  | 257  | 249  | 222* | 199* | 175* | 153* | 133* | 115* | 24                              |
| 26                                                                                                                           | 263  | 262  | 262  | 261  | 260  | 258  | 257  | 248  | 238  | 230  | 222  | 199* | 175* | 153* | 132* | 114* | 26                              |
| 28                                                                                                                           | 242  | 241  | 241  | 239  | 239  | 237  | 236  | 235  | 222  | 215  | 207  | 199  | 175* | 152* | 131* | 113* | 28                              |
| 30                                                                                                                           | 224  | 223  | 222  | 221  | 220  | 219  | 218  | 216  | 215  | 201  | 194  | 188  | 174  | 150* | 129* | 112* | 30                              |
| 32                                                                                                                           | 208  | 207  | 206  | 205  | 204  | 203  | 202  | 200  | 199  | 189  | 183  | 176  | 171  | 149* | 128* | 111* | 32                              |
| 34                                                                                                                           | 194  | 193  | 192  | 191  | 190  | 189  | 188  | 186  | 185  | 184  | 172  | 166  | 161  | 148  | 127* | 109* | 34                              |
| 36                                                                                                                           | 181  | 180  | 180  | 178  | 178  | 176  | 175  | 174  | 172  | 171  | 171  | 157  | 152  | 146  | 126* | 108* | 36                              |
| 38                                                                                                                           | 170  | 169  | 168  | 167  | 166  | 165  | 164  | 163  | 161  | 160  | 159  | 158  | 144  | 141  | 124  | 107* | 38                              |
| 40                                                                                                                           | 160  | 159  | 158  | 157  | 156  | 155  | 154  | 153  | 151  | 150  | 149  | 148  | 145  | 134  | 123  | 106* | 40                              |
| 44                                                                                                                           | 143  | 142  | 141  | 140  | 139  | 138  | 137  | 135  | 134  | 133  | 132  | 131  | 130  | 129  | 118  | 103  | 44                              |
| 48                                                                                                                           |      | 127  | 127  | 126  | 125  | 123  | 122  | 121  | 119  | 119  | 118  | 117  | 116  | 115  | 114  | 101  | 48                              |
| 52                                                                                                                           |      |      | 115  | 113  | 113  | 111  | 110  | 109  | 107  | 107  | 106  | 105  | 104  | 103  | 102  | 99.1 | 52                              |
| 56                                                                                                                           |      |      |      | 103  | 102  | 101  | 100  | 98.9 | 97.5 | 96.6 | 95.8 | 94.8 | 93.9 | 93.3 | 92.3 | 91.7 | 56                              |
| 60                                                                                                                           |      |      |      |      | 93.6 | 92.3 | 91.4 | 89.9 | 88.5 | 87.7 | 86.8 | 85.8 | 84.9 | 84.4 | 83.4 | 82.7 | 60                              |
| 64                                                                                                                           |      |      |      |      | 85.7 | 84.4 | 83.5 | 82.1 | 80.6 | 79.8 | 78.9 | 78.0 | 77.1 | 76.5 | 75.5 | 74.9 | 64                              |
| 68                                                                                                                           |      |      |      |      |      | 77.4 | 76.6 | 75.1 | 73.7 | 72.9 | 72.0 | 71.1 | 70.1 | 69.6 | 68.6 | 68.0 | 68                              |
| 72                                                                                                                           |      |      |      |      |      |      | 70.4 | 68.9 | 67.5 | 66.7 | 65.8 | 64.9 | 64.0 | 63.5 | 62.5 | 61.9 | 72                              |
| 76                                                                                                                           |      |      |      |      |      |      |      | 63.4 | 62.0 | 61.2 | 60.3 | 59.4 | 58.5 | 58.0 | 57.0 | 56.4 | 76                              |
| 80                                                                                                                           |      |      |      |      |      |      |      | 58.4 | 57.0 | 56.2 | 55.4 | 54.5 | 53.5 | 53.0 | 52.0 | 51.4 | 80                              |
| 84                                                                                                                           |      |      |      |      |      |      |      |      | 52.4 | 51.7 | 50.8 | 50.0 | 49.0 | 48.5 | 47.5 | 46.9 | 84                              |
| 88                                                                                                                           |      |      |      |      |      |      |      |      |      | 47.5 | 46.7 | 45.9 | 44.9 | 44.4 | 43.5 | 42.9 | 88                              |
| 92                                                                                                                           |      |      |      |      |      |      |      |      |      |      | 43.0 | 42.1 | 41.2 | 40.7 | 39.7 | 39.1 | 92                              |
| 96                                                                                                                           |      |      |      |      |      |      |      |      |      |      | 39.5 | 38.7 | 37.8 | 37.3 | 36.3 | 35.7 | 96                              |
| 100                                                                                                                          |      |      |      |      |      |      |      |      |      |      |      | 35.5 | 34.6 | 34.1 | 33.2 | 32.6 | 100                             |
| 104                                                                                                                          |      |      |      |      |      |      |      |      |      |      |      |      | 31.6 | 31.2 | 30.2 | 29.7 | 104                             |
| 108                                                                                                                          |      |      |      |      |      |      |      |      |      |      |      |      |      | 28.5 | 27.5 | 27.0 | 108                             |
| 112                                                                                                                          |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 25.0 | 24.4 | 112                             |
| 116                                                                                                                          |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 22.6 | 22.1 | 116                             |
| 120                                                                                                                          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 19.9 | 120                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of ZHDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

### ZHDB Configuration

Boom length 48m~138m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t

| Boom length<br>(m)<br>Radius(m) | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 90   | 96   | 102  | 108  | 114  | 120  | 126  | 132  | 138  | Boom length<br>(m)<br>Radius(m) |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------------|
| 8                               | 373  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 8                               |
| 9                               | 326  | 309  | 294  |      |      |      |      |      |      |      |      |      |      |      |      |      | 9                               |
| 10                              | 289  | 275  | 262  | 250  | 239  |      |      |      |      |      |      |      |      |      |      |      | 10                              |
| 11                              | 258  | 247  | 236  | 226  | 217  | 207  | 199  |      |      |      |      |      |      |      |      |      | 11                              |
| 12                              | 234  | 224  | 215  | 206  | 198  | 190  | 182  | 175  | 167  |      |      |      |      |      |      |      | 12                              |
| 14                              | 195  | 188  | 181  | 174  | 168  | 161  | 155  | 149  | 143  | 138  | 133  | 128  | 124  |      |      |      | 14                              |
| 16                              | 166  | 161  | 155  | 150  | 144  | 139  | 134  | 129  | 124  | 119  | 115  | 111  | 107  | 104  | 100  | 97.3 | 16                              |
| 18                              | 143  | 140  | 135  | 130  | 126  | 121  | 117  | 113  | 108  | 105  | 101  | 97.9 | 94.4 | 91.5 | 88.1 | 85.3 | 18                              |
| 20                              | 122  | 121  | 119  | 115  | 111  | 107  | 103  | 99.8 | 95.8 | 92.6 | 89.5 | 86.3 | 83.3 | 80.7 | 77.7 | 75.2 | 20                              |
| 22                              | 105  | 105  | 105  | 102  | 99.3 | 95.6 | 92.4 | 88.7 | 85.1 | 82.2 | 79.4 | 76.6 | 73.8 | 71.5 | 68.8 | 66.5 | 22                              |
| 24                              | 92.8 | 92.3 | 92.0 | 91.2 | 88.9 | 85.5 | 82.6 | 79.2 | 75.9 | 73.3 | 70.8 | 68.2 | 65.6 | 63.6 | 61.1 | 59.0 | 24                              |
| 26                              | 82.1 | 81.6 | 81.2 | 80.4 | 79.8 | 77.0 | 74.3 | 71.2 | 68.0 | 65.7 | 63.3 | 60.9 | 58.6 | 56.7 | 54.3 | 52.5 | 26                              |
| 28                              | 73.2 | 72.7 | 72.3 | 71.4 | 70.8 | 69.5 | 67.1 | 64.1 | 61.2 | 59.0 | 56.8 | 54.6 | 52.4 | 50.6 | 48.4 | 46.7 | 28                              |
| 30                              | 65.7 | 65.1 | 64.7 | 63.8 | 63.2 | 62.1 | 60.8 | 57.9 | 55.2 | 53.1 | 51.1 | 49.0 | 46.9 | 45.3 | 43.2 | 41.5 | 30                              |
| 32                              | 59.2 | 58.6 | 58.2 | 57.3 | 56.6 | 55.5 | 54.8 | 52.5 | 49.8 | 47.9 | 45.9 | 44.0 | 42.0 | 40.5 | 38.5 | 37.0 | 32                              |
| 34                              | 53.6 | 53.0 | 52.5 | 51.6 | 51.0 | 49.8 | 49.1 | 47.6 | 45.1 | 43.2 | 41.4 | 39.5 | 37.6 | 36.2 | 34.3 | 32.8 | 34                              |
| 36                              | 48.7 | 48.0 | 47.6 | 46.6 | 46.0 | 44.8 | 44.1 | 42.8 | 40.8 | 39.0 | 37.3 | 35.5 | 33.6 | 32.3 | 30.5 | 29.1 | 36                              |
| 38                              | 44.3 | 43.7 | 43.2 | 42.2 | 41.6 | 40.4 | 39.6 | 38.4 | 36.9 | 35.3 | 33.6 | 31.8 | 30.1 | 28.8 | 27.0 | 25.7 | 38                              |
| 40                              | 40.4 | 39.8 | 39.3 | 38.3 | 37.7 | 36.5 | 35.7 | 34.4 | 33.1 | 31.8 | 30.2 | 28.5 | 26.8 | 25.6 | 23.9 | 22.6 | 40                              |
| 44                              | 33.7 | 33.1 | 32.7 | 31.7 | 31.0 | 29.8 | 29.0 | 27.7 | 26.4 | 25.7 | 24.3 | 22.7 | 21.1 | 20.0 | 18.3 | 17.1 | 44                              |
| 48                              |      | 27.6 | 27.2 | 26.2 | 25.5 | 24.3 | 23.6 | 22.2 | 20.9 | 20.2 | 19.3 | 17.7 | 16.2 | 15.2 | 13.6 | 12.5 | 48                              |
| 52                              |      |      | 22.6 | 21.6 | 20.9 | 19.8 | 19.0 | 17.6 | 16.3 | 15.6 | 14.8 | 13.5 | 12.0 | 11.0 | 9.5  | 8.5  | 52                              |
| 56                              |      |      |      | 17.7 | 17.0 | 15.8 | 15.1 | 13.7 | 12.4 | 11.7 | 10.9 | 9.8  | 8.4  | 7.5  | 6.0  | 5.0  | 56                              |
| 60                              |      |      |      |      | 13.6 | 12.5 | 11.7 | 10.3 | 9.0  | 8.3  | 7.5  | 6.6  | 5.2  | 4.3  | 2.9  | 1.9  | 60                              |
| 64                              |      |      |      |      | 10.7 | 9.5  | 8.7  | 7.4  | 6.1  | 5.4  | 4.6  | 3.7  | 2.4  | 1.5  |      |      | 64                              |
| 68                              |      |      |      |      |      | 6.9  | 6.1  | 4.8  | 3.5  | 2.8  | 2.0  | 1.2  |      |      |      |      | 68                              |
| 72                              |      |      |      |      |      |      | 3.8  | 2.5  | 1.2  | 0.5  |      |      |      |      |      |      | 72                              |
| 76                              |      |      |      |      |      |      |      | 0.4  |      |      |      |      |      |      |      |      | 76                              |

## Boom Combination in ZLJ

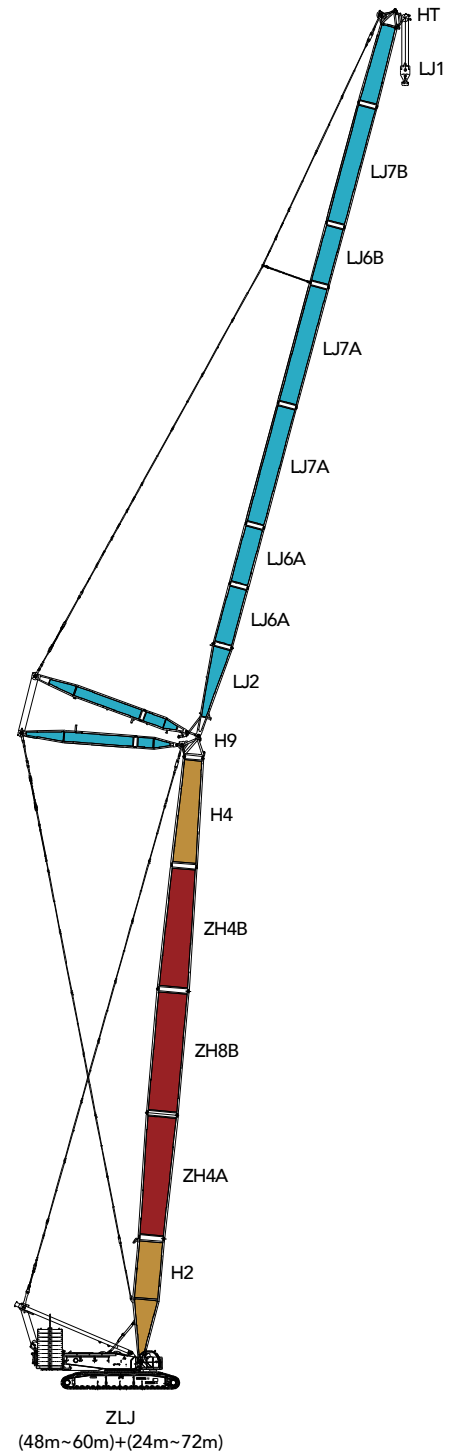
Boom Combination in ZLJ

| Boom length (m) | Power boom   |              |              |            | Jib insert  |             |              |              |
|-----------------|--------------|--------------|--------------|------------|-------------|-------------|--------------|--------------|
|                 | 12m/<br>ZH4A | 12m/<br>ZH4B | 12m/<br>ZH8B | 6m/<br>ZH6 | 6m/<br>LJ6A | 6m/<br>LJ6B | 12m/<br>LJ7A | 12m/<br>LJ7B |
| 24              | -            | -            | -            | -          | 1           | -           | -            | -            |
| 30              | -            | -            | -            | -          | 2           | -           | -            | -            |
| 36              | -            | -            | -            | -          | 1           | -           | 1            | -            |
| 42              | -            | -            | -            | -          | 2           | -           | 1            | -            |
| 48              | 1            | 1            | -            | -          | 1           | -           | 2            | -            |
| 54              | 1            | 1            | -            | 1          | 2           | -           | 2            | -            |
| 60              | 1            | 1            | 1            | -          | 2           | 1           | 2            | -            |
| 66**            | -            | -            | -            | -          | 2           | -           | 2            | 1            |
| 72**            | -            | -            | -            | -          | 2           | 1           | 2            | 1            |

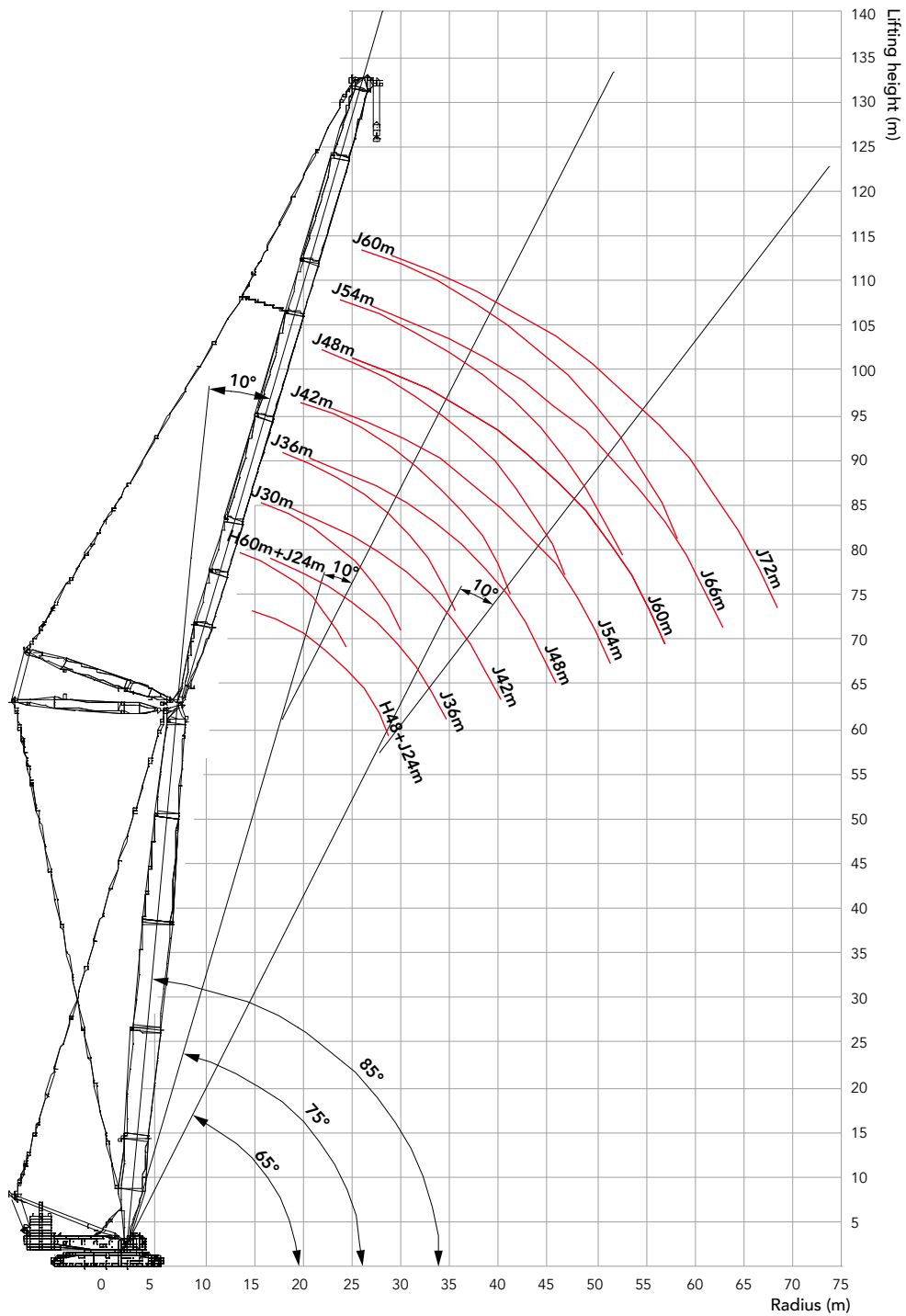
For LJ configuration: boom length 48m~60m, jib length 24m~72m, Boom angle: 65° , 75° , 85° ,  
Longest boom combination: 54m+72m

Note: For combinations of 66m~72m, marked with "\*\*", the mid-point suspension cable must be used for jib. The use of mid-point suspension cable must be strictly in accordance with the Operation Manual.

Attention: For LJ configuration, the crane must boom up strictly in accordance with the LJ Erection and Lowering Table in Operation Manual, otherwise the crane may tip over!



## Working Radius in ZLJ



Unit: t

## Load Chart of ZLJ

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJ Configuration                                                                                       |      |      |      |      |      |      |      |      |      |                                |
|---------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 48m, Boom angle 85°, Jib length 24m~72m, Rear counterweight 230t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                          | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                      | 179  | 173  |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                      | 159  | 154  | 150  |      |      |      |      |      |      | 18                             |
| 20                                                                                                      | 144  | 139  | 135  | 131  |      |      |      |      |      | 20                             |
| 22                                                                                                      | 130  | 127  | 123  | 120  | 116  | 113  |      |      |      | 22                             |
| 24                                                                                                      | 119  | 116  | 113  | 110  | 107  | 104  | 101  |      |      | 24                             |
| 26                                                                                                      | 110  | 107  | 104  | 101  | 99.0 | 96.2 | 93.6 | 91.3 |      | 26                             |
| 28                                                                                                      | 102  | 99.6 | 97.1 | 94.2 | 91.8 | 89.2 | 86.8 | 84.7 | 79.3 | 28                             |
| 30                                                                                                      | 95.5 | 92.7 | 90.4 | 87.7 | 85.5 | 83.1 | 80.8 | 78.8 | 76.6 | 30                             |
| 32                                                                                                      |      | 86.7 | 84.5 | 82.0 | 79.9 | 77.6 | 75.5 | 73.6 | 71.6 | 32                             |
| 34                                                                                                      |      | 81.3 | 79.3 | 76.9 | 74.9 | 72.7 | 70.7 | 69.0 | 67.0 | 34                             |
| 36                                                                                                      |      |      | 74.6 | 72.3 | 70.4 | 68.3 | 66.4 | 64.8 | 62.9 | 36                             |
| 38                                                                                                      |      |      | 70.2 | 68.1 | 66.4 | 64.4 | 62.5 | 61.0 | 59.2 | 38                             |
| 40                                                                                                      |      |      | 65.4 | 64.4 | 62.7 | 60.8 | 59.0 | 57.6 | 55.8 | 40                             |
| 44                                                                                                      |      |      |      | 56.9 | 56.3 | 54.5 | 52.8 | 51.5 | 49.9 | 44                             |
| 48                                                                                                      |      |      |      |      | 50.1 | 49.2 | 47.6 | 46.4 | 44.8 | 48                             |
| 52                                                                                                      |      |      |      |      | 44.4 | 44.0 | 43.2 | 42.0 | 40.5 | 52                             |
| 56                                                                                                      |      |      |      |      |      | 39.3 | 38.8 | 38.2 | 36.8 | 56                             |
| 60                                                                                                      |      |      |      |      |      |      | 34.8 | 34.5 | 33.5 | 60                             |
| 64                                                                                                      |      |      |      |      |      |      | 31.2 | 31.0 | 30.3 | 64                             |
| 68                                                                                                      |      |      |      |      |      |      |      | 27.9 | 27.3 | 68                             |
| 72                                                                                                      |      |      |      |      |      |      |      |      | 24.6 | 72                             |
| 76                                                                                                      |      |      |      |      |      |      |      |      | 22.1 | 76                             |

## Load Chart of ZLJ

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

### ZLJ Configuration

Boom length 54m, Boom angle 85°, Jib length 24m~72m, Rear counterweight 230t, Carbody counterweight 50t

| Jib length<br>(m)<br>Radius(m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | Jib length<br>(m)<br>Radius(m) |
|--------------------------------|------|------|------|------|------|------|------|------|------|--------------------------------|
| 16                             | 172  |      |      |      |      |      |      |      |      | 16                             |
| 18                             | 154  | 149  | 145  |      |      |      |      |      |      | 18                             |
| 20                             | 139  | 135  | 131  | 127  |      |      |      |      |      | 20                             |
| 22                             | 126  | 123  | 119  | 116  | 113  |      |      |      |      | 22                             |
| 24                             | 116  | 112  | 110  | 106  | 103  | 100  | 98.0 |      |      | 24                             |
| 26                             | 107  | 104  | 101  | 98.5 | 95.9 | 93.2 | 90.6 | 88.4 |      | 26                             |
| 28                             | 99.4 | 96.7 | 94.2 | 91.4 | 89.0 | 86.4 | 84.0 | 82.0 | 76.0 | 28                             |
| 30                             | 92.6 | 90.0 | 87.8 | 85.1 | 82.9 | 80.5 | 78.3 | 76.4 | 74.2 | 30                             |
| 32                             |      | 84.2 | 82.1 | 79.6 | 77.5 | 75.3 | 73.1 | 71.4 | 69.3 | 32                             |
| 34                             |      | 79.0 | 77.0 | 74.7 | 72.7 | 70.6 | 68.6 | 66.9 | 64.9 | 34                             |
| 36                             |      | 74.4 | 72.5 | 70.2 | 68.4 | 66.3 | 64.4 | 62.8 | 61.0 | 36                             |
| 38                             |      |      | 68.4 | 66.2 | 64.5 | 62.5 | 60.7 | 59.2 | 57.4 | 38                             |
| 40                             |      |      | 64.7 | 62.6 | 60.9 | 59.0 | 57.3 | 55.8 | 54.1 | 40                             |
| 44                             |      |      |      | 56.3 | 54.7 | 52.9 | 51.3 | 50.0 | 48.3 | 44                             |
| 48                             |      |      |      |      | 49.5 | 47.8 | 46.2 | 45.0 | 43.5 | 48                             |
| 52                             |      |      |      |      | 44.2 | 43.4 | 41.9 | 40.7 | 39.3 | 52                             |
| 56                             |      |      |      |      |      | 39.0 | 38.1 | 37.0 | 35.6 | 56                             |
| 60                             |      |      |      |      |      |      | 34.5 | 33.8 | 32.4 | 60                             |
| 64                             |      |      |      |      |      |      | 31.0 | 30.7 | 29.5 | 64                             |
| 68                             |      |      |      |      |      |      |      | 27.7 | 27.0 | 68                             |
| 72                             |      |      |      |      |      |      |      |      | 24.4 | 72                             |
| 76                             |      |      |      |      |      |      |      |      | 21.9 | 76                             |

### ZLJ Configuration

Boom length 60m, Boom angle 85°, Jib length 24m~60m, Rear counterweight 230t, Carbody counterweight 50t

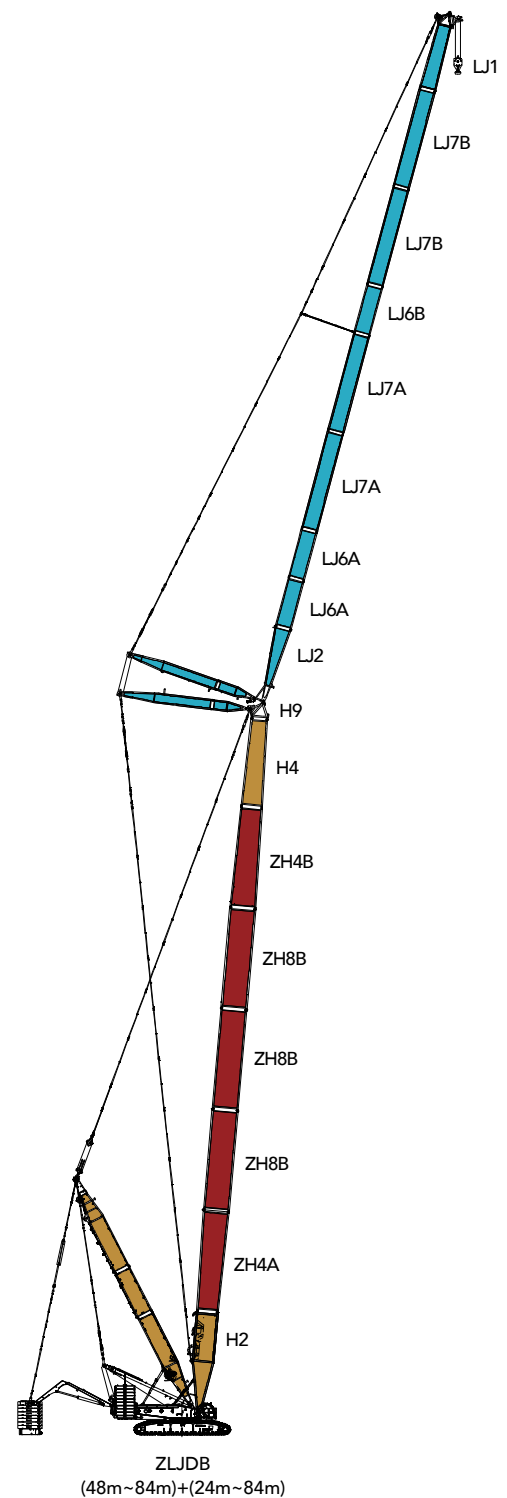
| Jib length<br>(m)<br>Radius(m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | Jib length<br>(m)<br>Radius(m) |
|--------------------------------|------|------|------|------|------|------|------|--------------------------------|
| 16                             | 165  |      |      |      |      |      |      | 16                             |
| 18                             | 148  | 144  |      |      |      |      |      | 18                             |
| 20                             | 134  | 130  | 126  | 122  |      |      |      | 20                             |
| 22                             | 122  | 118  | 115  | 112  | 109  |      |      | 22                             |
| 24                             | 112  | 109  | 106  | 103  | 100  | 97.5 |      | 24                             |
| 26                             | 103  | 100  | 98.3 | 95.3 | 92.8 | 90.1 | 87.6 | 26                             |
| 28                             | 96.3 | 93.7 | 91.3 | 88.5 | 86.2 | 83.7 | 81.3 | 28                             |
| 30                             | 89.8 | 87.3 | 85.1 | 82.5 | 80.3 | 78.0 | 75.7 | 30                             |
| 32                             |      | 81.7 | 79.7 | 77.2 | 75.2 | 72.9 | 70.8 | 32                             |
| 34                             |      | 76.7 | 74.8 | 72.4 | 70.5 | 68.4 | 66.4 | 34                             |
| 36                             |      | 72.3 | 70.4 | 68.2 | 66.3 | 64.3 | 62.4 | 36                             |
| 38                             |      |      | 66.5 | 64.3 | 62.6 | 60.6 | 58.8 | 38                             |
| 40                             |      |      | 62.9 | 60.8 | 59.1 | 57.2 | 55.5 | 40                             |
| 44                             |      |      |      | 54.7 | 53.1 | 51.4 | 49.7 | 44                             |
| 48                             |      |      |      | 49.5 | 48.0 | 46.4 | 44.8 | 48                             |
| 52                             |      |      |      |      | 43.7 | 42.1 | 40.6 | 52                             |
| 56                             |      |      |      |      |      | 38.3 | 36.9 | 56                             |
| 60                             |      |      |      |      |      | 34.6 | 33.7 | 60                             |
| 64                             |      |      |      |      |      |      | 30.7 | 64                             |

## Boom Combination in ZLJDB

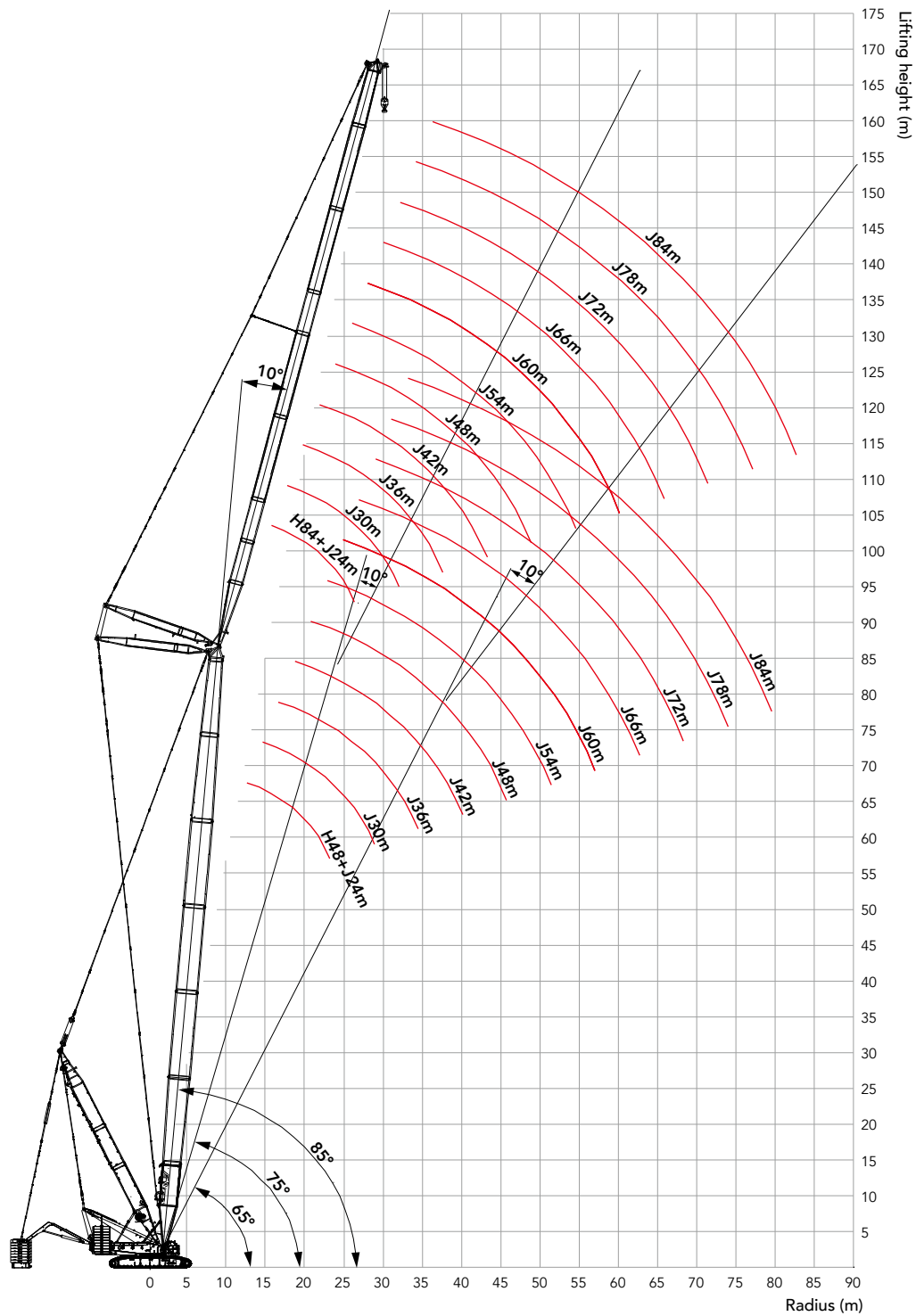
| Boom Combination in ZLJDB |              |              |              |            |             |             |              |              |
|---------------------------|--------------|--------------|--------------|------------|-------------|-------------|--------------|--------------|
| Boom length (m)           | Power boom   |              |              |            | Jib insert  |             |              |              |
|                           | 12m/<br>ZH4A | 12m/<br>ZH4B | 12m/<br>ZH8B | 6m/<br>ZH6 | 6m/<br>LJ6A | 6m/<br>LJ6B | 12m/<br>LJ7A | 12m/<br>LJ7B |
| 24                        | -            | -            | -            | -          | 1           | -           | -            | -            |
| 30                        | -            | -            | -            | -          | 2           | -           | -            | -            |
| 36                        | -            | -            | -            | -          | 1           | -           | 1            | -            |
| 42                        | -            | -            | -            | -          | 2           | -           | 1            | -            |
| 48                        | 1            | 1            | -            | -          | 1           | -           | 2            | -            |
| 54                        | 1            | 1            | -            | 1          | 2           | -           | 2            | -            |
| 60                        | 1            | 1            | 1            | -          | 2           | 1           | 2            | -            |
| 66**                      | 1            | 1            | 1            | 1          | 2           | -           | 2            | 1            |
| 72**                      | 1            | 1            | 2            | -          | 2           | 1           | 2            | 1            |
| 78**                      | 1            | 1            | 2            | 1          | 2           | -           | 2            | 2            |
| 84**                      | 1            | 1            | 3            | -          | 2           | 1           | 2            | 2            |

For LJDB configuration: boom length 48m~84m, jib length 24m~84m, boom angle: 65°, 75°, 85°.

Note: For combinations of 66m~84m, marked with "\*\*", the mid-point suspension cable must be used for jib. The use of mid-point suspension cable must be strictly in accordance with the Operation Manual.



## Working Radius in ZLJDB



## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                            |      |      |      |       |       |       |       |       |       |       |       |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 48m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |      |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                 | 24   | 30   | 36   | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                             | 266* | 251* |      |       |       |       |       |       |       |       |       | 16                             |
| 18                                                                                                                                                             | 250* | 248* | 223* |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                             | 225* | 224* | 222* | 191*  |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                             | 204* | 203* | 202* | 189*  | 162*  | 133*  |       |       |       |       |       | 22                             |
| 24                                                                                                                                                             | 186* | 185* | 185* | 183*  | 161*  | 133*  | 110*  |       |       |       |       | 24                             |
| 26                                                                                                                                                             | 172* | 171* | 169* | 169*  | 161*  | 133*  | 110*  | 94.7* |       |       |       | 26                             |
| 28                                                                                                                                                             | 158* | 158* | 157* | 156*  | 156*  | 132*  | 109*  | 94.4* | 79.7* |       |       | 28                             |
| 30                                                                                                                                                             | 147* | 147* | 145* | 145*  | 144*  | 131*  | 109*  | 94.0* | 79.4* | 66.6* | 56.5* | 30                             |
| 32                                                                                                                                                             |      | 136* | 136* | 135*  | 134*  | 130*  | 108*  | 93.5* | 79.0* | 66.1* | 56.1* | 32                             |
| 34                                                                                                                                                             |      | 129* | 128* | 127*  | 126*  | 125*  | 107*  | 93.0* | 78.6* | 65.6* | 55.7* | 34                             |
| 36                                                                                                                                                             |      |      | 121* | 119*  | 118*  | 118*  | 106*  | 92.4* | 78.1* | 65.1* | 55.2* | 36                             |
| 38                                                                                                                                                             |      |      | 113* | 113*  | 112*  | 111*  | 105*  | 91.8* | 77.6* | 64.6* | 54.8* | 38                             |
| 40                                                                                                                                                             |      |      | 106* | 107*  | 106*  | 104*  | 104*  | 91.1* | 77.1* | 64.1* | 54.3* | 40                             |
| 44                                                                                                                                                             |      |      |      | 96.7* | 96.1* | 94.8* | 93.8* | 89.7* | 76.0* | 63.0* | 53.4* | 44                             |
| 48                                                                                                                                                             |      |      |      |       | 86.4* | 86.0* | 84.6* | 83.9* | 74.9* | 60.9* | 52.4* | 48                             |
| 52                                                                                                                                                             |      |      |      |       | 76.3* | 77.0* | 75.5* | 76.3* | 73.7* | 55.8* | 51.5* | 52                             |
| 56                                                                                                                                                             |      |      |      |       |       | 68.8* | 67.6* | 68.8* | 68.2* | 50.8* | 50.5* | 56                             |
| 60                                                                                                                                                             |      |      |      |       |       |       | 61.2* | 62.3* | 61.8* | 46.7* | 49.6* | 60                             |
| 64                                                                                                                                                             |      |      |      |       |       |       | 55.7* | 56.3* | 56.1* | 42.8* | 48.8* | 64                             |
| 68                                                                                                                                                             |      |      |      |       |       |       |       | 51.0* | 50.9* | 38.9* | 45.1* | 68                             |
| 72                                                                                                                                                             |      |      |      |       |       |       |       |       | 46.3* | 35.7* | 41.7* | 72                             |
| 76                                                                                                                                                             |      |      |      |       |       |       |       |       | 41.9* | 32.1* | 38.0* | 76                             |
| 80                                                                                                                                                             |      |      |      |       |       |       |       |       |       | 29.7* | 34.9* | 80                             |
| 84                                                                                                                                                             |      |      |      |       |       |       |       |       |       |       | 32.0* | 84                             |
| 88                                                                                                                                                             |      |      |      |       |       |       |       |       |       |       | 31.7* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 48m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                            | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                        | 160  | 154  |      |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                                                                        | 142  | 138  | 134  |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                        | 128  | 124  | 121  | 117  |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                        | 116  | 113  | 110  | 106  | 103  | 100  |      |      |      |      |      | 22                             |
| 24                                                                                                                                                        | 106  | 103  | 100  | 97.8 | 95.1 | 92.2 | 89.6 |      |      |      |      | 24                             |
| 26                                                                                                                                                        | 98.4 | 95.6 | 93.0 | 90.1 | 87.6 | 85.0 | 82.6 | 80.5 |      |      |      | 26                             |
| 28                                                                                                                                                        | 89.5 | 88.5 | 86.2 | 83.4 | 81.2 | 78.7 | 76.4 | 74.5 | 72.3 |      |      | 28                             |
| 30                                                                                                                                                        | 81.2 | 81.7 | 80.2 | 77.6 | 75.5 | 73.2 | 71.1 | 69.2 | 67.2 | 65.4 | 56.5 | 30                             |
| 32                                                                                                                                                        |      | 74.9 | 74.8 | 72.4 | 70.5 | 68.3 | 66.3 | 64.6 | 62.6 | 60.9 | 56.1 | 32                             |
| 34                                                                                                                                                        |      | 69.0 | 69.0 | 67.8 | 66.0 | 63.9 | 62.0 | 60.4 | 58.5 | 56.9 | 55.1 | 34                             |
| 36                                                                                                                                                        |      |      | 63.9 | 63.3 | 61.9 | 60.0 | 58.1 | 56.6 | 54.8 | 53.3 | 51.6 | 36                             |
| 38                                                                                                                                                        |      |      | 59.4 | 58.8 | 58.3 | 56.4 | 54.7 | 53.2 | 51.5 | 50.1 | 48.4 | 38                             |
| 40                                                                                                                                                        |      |      | 55.3 | 54.8 | 54.4 | 53.2 | 51.5 | 50.1 | 48.5 | 47.1 | 45.4 | 40                             |
| 44                                                                                                                                                        |      |      |      | 47.9 | 47.6 | 47.0 | 46.0 | 44.7 | 43.1 | 41.8 | 40.3 | 44                             |
| 48                                                                                                                                                        |      |      |      |      | 42.0 | 41.4 | 40.8 | 40.1 | 38.6 | 37.4 | 35.9 | 48                             |
| 52                                                                                                                                                        |      |      |      |      | 37.2 | 36.8 | 36.2 | 35.8 | 34.7 | 33.6 | 32.2 | 52                             |
| 56                                                                                                                                                        |      |      |      |      |      | 32.8 | 32.3 | 31.9 | 31.2 | 30.2 | 28.9 | 56                             |
| 60                                                                                                                                                        |      |      |      |      |      |      | 28.9 | 28.6 | 27.9 | 27.3 | 26.0 | 60                             |
| 64                                                                                                                                                        |      |      |      |      |      |      | 25.8 | 25.6 | 25.0 | 24.5 | 23.4 | 64                             |
| 68                                                                                                                                                        |      |      |      |      |      |      |      | 23.0 | 22.4 | 22.0 | 21.2 | 68                             |
| 72                                                                                                                                                        |      |      |      |      |      |      |      |      | 20.1 | 19.7 | 19.0 | 72                             |
| 76                                                                                                                                                        |      |      |      |      |      |      |      |      | 17.9 | 17.6 | 17.0 | 76                             |
| 80                                                                                                                                                        |      |      |      |      |      |      |      |      |      | 15.8 | 15.2 | 80                             |
| 84                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 13.5 | 84                             |
| 88                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 11.9 | 88                             |

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                            |      |      |      |       |       |       |       |       |       |       |       |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 54m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |      |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                 | 24   | 30   | 36   | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                             | 266* |      |      |       |       |       |       |       |       |       |       | 16                             |
| 18                                                                                                                                                             | 237* | 236* | 218* |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                             | 213* | 210* | 209* | 186*  |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                             | 192* | 191* | 189* | 185*  | 153*  |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                             | 176* | 174* | 173* | 172*  | 153*  | 127*  | 105*  |       |       |       |       | 24                             |
| 26                                                                                                                                                             | 162* | 161* | 160* | 159*  | 152*  | 126*  | 105*  | 90.6* |       |       |       | 26                             |
| 28                                                                                                                                                             | 149* | 148* | 147* | 146*  | 146*  | 126*  | 104*  | 90.4* | 76.7* |       |       | 28                             |
| 30                                                                                                                                                             | 139* | 137* | 138* | 136*  | 135*  | 125*  | 104*  | 90.1* | 76.4* | 64.1* |       | 30                             |
| 32                                                                                                                                                             |      | 130* | 128* | 127*  | 126*  | 124*  | 103*  | 89.7* | 76.1* | 63.8* | 54.1* | 32                             |
| 34                                                                                                                                                             |      | 121* | 120* | 119*  | 118*  | 117*  | 103*  | 89.3* | 75.6* | 63.4* | 53.8* | 34                             |
| 36                                                                                                                                                             |      | 114* | 113* | 112*  | 111*  | 110*  | 102*  | 88.8* | 75.4* | 63.0* | 53.4* | 36                             |
| 38                                                                                                                                                             |      |      | 107* | 106*  | 105*  | 103*  | 101*  | 88.3* | 75.0* | 62.5* | 53.0* | 38                             |
| 40                                                                                                                                                             |      |      | 101* | 100*  | 99.6* | 98.1* | 97.0* | 87.7* | 74.5* | 62.1* | 52.6* | 40                             |
| 44                                                                                                                                                             |      |      |      | 90.9* | 90.1* | 88.7* | 87.6* | 86.0* | 73.6* | 61.1* | 51.8* | 44                             |
| 48                                                                                                                                                             |      |      |      |       | 81.6* | 80.6* | 79.4* | 78.1* | 72.6* | 60.1* | 51.0* | 48                             |
| 52                                                                                                                                                             |      |      |      |       | 74.7* | 73.6* | 72.4* | 71.7* | 70.4* | 56.2* | 50.1* | 52                             |
| 56                                                                                                                                                             |      |      |      |       |       | 67.8* | 66.3* | 65.5* | 64.7* | 51.4* | 49.2* | 56                             |
| 60                                                                                                                                                             |      |      |      |       |       |       | 61.4* | 60.6* | 59.8* | 46.7* | 48.5* | 60                             |
| 64                                                                                                                                                             |      |      |      |       |       |       | 56.6* | 56.5* | 55.1* | 42.9* | 47.6* | 64                             |
| 68                                                                                                                                                             |      |      |      |       |       |       |       | 51.7* | 51.1* | 39.2* | 45.6* | 68                             |
| 72                                                                                                                                                             |      |      |      |       |       |       |       |       | 46.4* | 36.1* | 41.8* | 72                             |
| 76                                                                                                                                                             |      |      |      |       |       |       |       |       | 42.1* | 32.6* | 38.6* | 76                             |
| 80                                                                                                                                                             |      |      |      |       |       |       |       |       |       | 29.6* | 35.1* | 80                             |
| 84                                                                                                                                                             |      |      |      |       |       |       |       |       |       |       | 32.3* | 84                             |
| 88                                                                                                                                                             |      |      |      |       |       |       |       |       |       |       | 29.4* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 54m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                            | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                        | 154  |      |      |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                                                                        | 137  | 133  | 129  |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                        | 124  | 120  | 116  | 113  |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                        | 112  | 109  | 106  | 103  | 100  |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                        | 103  | 100  | 97.7 | 94.6 | 92.0 | 89.2 | 86.6 |      |      |      |      | 24                             |
| 26                                                                                                                                                        | 95.4 | 92.6 | 90.1 | 87.3 | 84.9 | 82.3 | 79.9 | 77.8 |      |      |      | 26                             |
| 28                                                                                                                                                        | 88.4 | 85.9 | 83.6 | 80.9 | 78.7 | 76.3 | 74.0 | 72.1 | 69.9 |      |      | 28                             |
| 30                                                                                                                                                        | 81.2 | 79.9 | 77.8 | 75.3 | 73.2 | 70.9 | 68.8 | 67.0 | 65.0 | 63.2 |      | 30                             |
| 32                                                                                                                                                        |      | 74.7 | 72.7 | 70.3 | 68.4 | 66.2 | 64.2 | 62.5 | 60.6 | 58.9 | 54.1 | 32                             |
| 34                                                                                                                                                        |      | 68.8 | 68.1 | 65.9 | 64.0 | 62.0 | 60.1 | 58.5 | 56.6 | 55.1 | 53.2 | 34                             |
| 36                                                                                                                                                        |      | 63.5 | 63.7 | 61.9 | 60.1 | 58.2 | 56.4 | 54.9 | 53.1 | 51.6 | 49.8 | 36                             |
| 38                                                                                                                                                        |      |      | 59.2 | 58.3 | 56.6 | 54.7 | 53.0 | 51.6 | 49.8 | 48.4 | 46.7 | 38                             |
| 40                                                                                                                                                        |      |      | 55.1 | 54.6 | 53.4 | 51.6 | 49.9 | 48.6 | 46.9 | 45.5 | 43.9 | 40                             |
| 44                                                                                                                                                        |      |      |      | 47.8 | 47.4 | 46.1 | 44.6 | 43.3 | 41.7 | 40.5 | 38.9 | 44                             |
| 48                                                                                                                                                        |      |      |      |      | 41.8 | 41.2 | 40.0 | 38.8 | 37.3 | 36.1 | 34.7 | 48                             |
| 52                                                                                                                                                        |      |      |      |      | 37.1 | 36.6 | 36.0 | 35.0 | 33.6 | 32.4 | 31.0 | 52                             |
| 56                                                                                                                                                        |      |      |      |      |      | 32.6 | 32.1 | 31.6 | 30.3 | 29.2 | 27.8 | 56                             |
| 60                                                                                                                                                        |      |      |      |      |      |      | 28.7 | 28.4 | 27.4 | 26.3 | 25.0 | 60                             |
| 64                                                                                                                                                        |      |      |      |      |      |      | 25.7 | 25.4 | 24.8 | 23.8 | 22.5 | 64                             |
| 68                                                                                                                                                        |      |      |      |      |      |      |      | 22.8 | 22.2 | 21.6 | 20.3 | 68                             |
| 72                                                                                                                                                        |      |      |      |      |      |      |      |      | 19.9 | 19.5 | 18.3 | 72                             |
| 76                                                                                                                                                        |      |      |      |      |      |      |      |      | 17.8 | 17.5 | 16.5 | 76                             |
| 80                                                                                                                                                        |      |      |      |      |      |      |      |      |      | 15.6 | 14.9 | 80                             |
| 84                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 13.3 | 84                             |
| 88                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 11.8 | 88                             |

Unit: t

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                            |      |      |       |       |       |       |       |       |       |       |       |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 60m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                 | 24   | 30   | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                             | 263* |      |       |       |       |       |       |       |       |       |       | 16                             |
| 18                                                                                                                                                             | 232* | 231* |       |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                             | 208* | 206* | 205*  | 176*  |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                             | 187* | 186* | 185*  | 176*  | 146*  |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                             | 171* | 170* | 169*  | 169*  | 146*  | 121*  |       |       |       |       |       | 24                             |
| 26                                                                                                                                                             | 158* | 157* | 155*  | 154*  | 145*  | 121*  | 101*  | 87.2* |       |       |       | 26                             |
| 28                                                                                                                                                             | 145* | 144* | 143*  | 142*  | 142*  | 120*  | 100*  | 87.0* | 74.0* |       |       | 28                             |
| 30                                                                                                                                                             | 136* | 135* | 133*  | 132*  | 132*  | 120*  | 100*  | 86.8* | 73.8* | 62.1* |       | 30                             |
| 32                                                                                                                                                             |      | 125* | 125*  | 124*  | 123*  | 119*  | 100*  | 86.5* | 73.5* | 61.8* | 52.5* | 32                             |
| 34                                                                                                                                                             |      | 118* | 116*  | 115*  | 114*  | 114*  | 99.4* | 86.1* | 73.3* | 61.5* | 52.2* | 34                             |
| 36                                                                                                                                                             |      | 111* | 110*  | 109*  | 108*  | 106*  | 98.7* | 85.7* | 72.9* | 61.1* | 51.9* | 36                             |
| 38                                                                                                                                                             |      |      | 104*  | 102*  | 102*  | 100*  | 98.0* | 85.2* | 72.6* | 60.7* | 51.5* | 38                             |
| 40                                                                                                                                                             |      |      | 98.6* | 97.7* | 96.3* | 95.4* | 94.6* | 84.7* | 72.2* | 60.3* | 51.2* | 40                             |
| 44                                                                                                                                                             |      |      |       | 87.5* | 87.3* | 85.7* | 84.5* | 83.5* | 71.4* | 59.5* | 50.5* | 44                             |
| 48                                                                                                                                                             |      |      |       | 80.0* | 78.8* | 77.9* | 76.7* | 75.5* | 70.4* | 58.6* | 49.7* | 48                             |
| 52                                                                                                                                                             |      |      |       |       | 72.3* | 71.3* | 69.9* | 69.1* | 68.3* | 56.1* | 48.9* | 52                             |
| 56                                                                                                                                                             |      |      |       |       |       | 65.6* | 64.1* | 63.4* | 62.8* | 51.4* | 48.1* | 56                             |
| 60                                                                                                                                                             |      |      |       |       |       | 60.1* | 59.5* | 58.6* | 57.4* | 47.0* | 47.4* | 60                             |
| 64                                                                                                                                                             |      |      |       |       |       |       | 54.3* | 53.9* | 52.7* | 43.1* | 46.6* | 64                             |
| 68                                                                                                                                                             |      |      |       |       |       |       |       | 48.7* | 48.2* | 39.4* | 44.1* | 68                             |
| 72                                                                                                                                                             |      |      |       |       |       |       |       |       | 43.7* | 36.4* | 40.9* | 72                             |
| 76                                                                                                                                                             |      |      |       |       |       |       |       |       | 39.8* | 32.9* | 37.8* | 76                             |
| 80                                                                                                                                                             |      |      |       |       |       |       |       |       |       | 30.1* | 34.9* | 80                             |
| 84                                                                                                                                                             |      |      |       |       |       |       |       |       |       |       | 32.1* | 84                             |
| 88                                                                                                                                                             |      |      |       |       |       |       |       |       |       |       | 29.3* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 60m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                            | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                        | 148  |      |      |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                                                                        | 132  | 128  |      |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                        | 119  | 116  | 112  | 109  |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                        | 109  | 105  | 102  | 99.6 | 96.7 |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                        | 100  | 97.1 | 94.5 | 91.4 | 88.9 | 86.1 |      |      |      |      |      | 24                             |
| 26                                                                                                                                                        | 92.4 | 89.7 | 87.2 | 84.4 | 82.1 | 79.5 | 77.1 | 75.1 |      |      |      | 26                             |
| 28                                                                                                                                                        | 85.7 | 83.2 | 80.9 | 78.3 | 76.1 | 73.7 | 71.5 | 69.6 | 67.4 |      |      | 28                             |
| 30                                                                                                                                                        | 79.8 | 77.5 | 75.4 | 72.9 | 70.9 | 68.6 | 66.5 | 64.7 | 62.7 | 60.9 |      | 30                             |
| 32                                                                                                                                                        |      | 72.4 | 70.5 | 68.1 | 66.2 | 64.1 | 62.1 | 60.4 | 58.5 | 56.8 | 52.5 | 32                             |
| 34                                                                                                                                                        |      | 67.9 | 66.1 | 63.8 | 62.0 | 60.0 | 58.1 | 56.5 | 54.7 | 53.1 | 51.3 | 34                             |
| 36                                                                                                                                                        |      | 63.2 | 62.1 | 60.0 | 58.3 | 56.3 | 54.5 | 53.0 | 51.2 | 49.8 | 48.0 | 36                             |
| 38                                                                                                                                                        |      |      | 58.6 | 56.5 | 54.9 | 53.0 | 51.3 | 49.8 | 48.1 | 46.7 | 45.0 | 38                             |
| 40                                                                                                                                                        |      |      | 54.8 | 53.4 | 51.8 | 50.0 | 48.3 | 46.9 | 45.3 | 43.9 | 42.3 | 40                             |
| 44                                                                                                                                                        |      |      |      | 47.5 | 46.4 | 44.7 | 43.1 | 41.9 | 40.3 | 39.0 | 37.5 | 44                             |
| 48                                                                                                                                                        |      |      |      | 41.7 | 41.6 | 40.2 | 38.7 | 37.5 | 36.0 | 34.8 | 33.4 | 48                             |
| 52                                                                                                                                                        |      |      |      |      | 36.9 | 36.3 | 34.9 | 33.8 | 32.4 | 31.2 | 29.8 | 52                             |
| 56                                                                                                                                                        |      |      |      |      |      | 32.4 | 31.6 | 30.6 | 29.2 | 28.1 | 26.7 | 56                             |
| 60                                                                                                                                                        |      |      |      |      |      | 28.8 | 28.5 | 27.7 | 26.4 | 25.3 | 24.0 | 60                             |
| 64                                                                                                                                                        |      |      |      |      |      |      | 25.5 | 25.2 | 23.9 | 22.9 | 21.6 | 64                             |
| 68                                                                                                                                                        |      |      |      |      |      |      |      | 22.6 | 21.7 | 20.7 | 19.4 | 68                             |
| 72                                                                                                                                                        |      |      |      |      |      |      |      |      | 19.7 | 18.7 | 17.5 | 72                             |
| 76                                                                                                                                                        |      |      |      |      |      |      |      |      | 17.6 | 16.9 | 15.7 | 76                             |
| 80                                                                                                                                                        |      |      |      |      |      |      |      |      |      | 15.3 | 14.1 | 80                             |
| 84                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 12.7 | 84                             |
| 88                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 11.3 | 88                             |

Unit: t

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                            |      |      |       |       |       |       |       |       |       |       |       |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 66m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                 | 24   | 30   | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                             | 257* |      |       |       |       |       |       |       |       |       |       | 16                             |
| 18                                                                                                                                                             | 227* | 226* |       |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                             | 203* | 201* | 197*  |       |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                             | 183* | 182* | 182*  | 163*  | 137*  |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                             | 167* | 166* | 165*  | 163*  | 136*  | 114*  |       |       |       |       |       | 24                             |
| 26                                                                                                                                                             | 153* | 152* | 151*  | 150*  | 136*  | 114*  | 96.0* |       |       |       |       | 26                             |
| 28                                                                                                                                                             | 142* | 140* | 140*  | 138*  | 135*  | 114*  | 95.8* | 83.0* |       |       |       | 28                             |
| 30                                                                                                                                                             | 132* | 130* | 130*  | 128*  | 128*  | 113*  | 95.5* | 82.8* | 70.5* | 59.5* |       | 30                             |
| 32                                                                                                                                                             |      | 121* | 121*  | 120*  | 119*  | 112*  | 95.0* | 82.6* | 70.3* | 59.2* | 50.5* | 32                             |
| 34                                                                                                                                                             |      | 114* | 113*  | 112*  | 111*  | 110*  | 94.5* | 82.3* | 70.1* | 59.0* | 50.3* | 34                             |
| 36                                                                                                                                                             |      | 108* | 106*  | 105*  | 104*  | 103*  | 93.9* | 81.9* | 69.8* | 58.7* | 50.0* | 36                             |
| 38                                                                                                                                                             |      |      | 101*  | 99.6* | 99.0* | 97.5* | 93.2* | 81.4* | 69.5* | 58.4* | 49.7* | 38                             |
| 40                                                                                                                                                             |      |      | 95.3* | 94.2* | 93.3* | 92.3* | 91.0* | 81.0* | 69.1* | 58.0* | 49.4* | 40                             |
| 44                                                                                                                                                             |      |      |       | 84.9* | 84.0* | 83.0* | 82.3* | 79.8* | 68.4* | 57.3* | 48.8* | 44                             |
| 48                                                                                                                                                             |      |      |       | 77.2* | 76.2* | 75.6* | 74.3* | 73.1* | 66.5* | 56.4* | 48.1* | 48                             |
| 52                                                                                                                                                             |      |      |       |       | 70.0* | 68.8* | 67.5* | 66.7* | 64.6* | 55.5* | 47.4* | 52                             |
| 56                                                                                                                                                             |      |      |       |       |       | 63.0* | 62.0* | 61.2* | 59.1* | 51.4* | 46.6* | 56                             |
| 60                                                                                                                                                             |      |      |       |       |       | 56.8* | 56.6* | 55.5* | 54.2* | 47.1* | 45.9* | 60                             |
| 64                                                                                                                                                             |      |      |       |       |       |       | 50.6* | 50.2* | 49.1* | 43.4* | 44.7* | 64                             |
| 68                                                                                                                                                             |      |      |       |       |       |       |       | 45.3* | 44.8* | 39.8* | 41.3* | 68                             |
| 72                                                                                                                                                             |      |      |       |       |       |       |       | 40.6* | 40.5* | 36.3* | 38.2* | 72                             |
| 76                                                                                                                                                             |      |      |       |       |       |       |       |       | 36.5* | 33.4* | 35.0* | 76                             |
| 80                                                                                                                                                             |      |      |       |       |       |       |       |       |       | 30.2* | 32.2* | 80                             |
| 84                                                                                                                                                             |      |      |       |       |       |       |       |       |       |       | 29.5* | 84                             |
| 88                                                                                                                                                             |      |      |       |       |       |       |       |       |       |       | 27.1* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 66m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                            | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 16                                                                                                                                                        | 142  |      |      |      |      |      |      |      |      |      |      | 16                             |
| 18                                                                                                                                                        | 127  | 123  |      |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                        | 115  | 111  | 108  |      |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                        | 105  | 102  | 99.1 | 95.9 | 93.1 |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                        | 96.6 | 93.7 | 91.1 | 88.1 | 85.6 | 82.9 |      |      |      |      |      | 24                             |
| 26                                                                                                                                                        | 89.2 | 86.6 | 84.2 | 81.4 | 79.1 | 76.6 | 74.2 |      |      |      |      | 26                             |
| 28                                                                                                                                                        | 82.8 | 80.3 | 78.2 | 75.6 | 73.4 | 71.1 | 68.8 | 67.0 |      |      |      | 28                             |
| 30                                                                                                                                                        | 77.1 | 74.9 | 72.8 | 70.4 | 68.4 | 66.2 | 64.1 | 62.3 | 60.3 | 58.6 |      | 30                             |
| 32                                                                                                                                                        |      | 70.0 | 68.1 | 65.8 | 63.9 | 61.8 | 59.8 | 58.2 | 56.2 | 54.6 | 50.5 | 32                             |
| 34                                                                                                                                                        |      | 65.7 | 63.9 | 61.7 | 59.9 | 57.9 | 56.0 | 54.4 | 52.6 | 51.1 | 49.2 | 34                             |
| 36                                                                                                                                                        |      | 61.8 | 60.1 | 58.0 | 56.3 | 54.4 | 52.6 | 51.1 | 49.3 | 47.8 | 46.1 | 36                             |
| 38                                                                                                                                                        |      |      | 56.7 | 54.7 | 53.0 | 51.2 | 49.4 | 48.0 | 46.3 | 44.9 | 43.2 | 38                             |
| 40                                                                                                                                                        |      |      | 53.6 | 51.6 | 50.0 | 48.2 | 46.6 | 45.2 | 43.6 | 42.2 | 40.6 | 40                             |
| 44                                                                                                                                                        |      |      |      | 46.3 | 44.8 | 43.1 | 41.6 | 40.3 | 38.8 | 37.5 | 35.9 | 44                             |
| 48                                                                                                                                                        |      |      |      | 41.5 | 40.4 | 38.8 | 37.3 | 36.1 | 34.6 | 33.5 | 32.0 | 48                             |
| 52                                                                                                                                                        |      |      |      |      | 36.6 | 35.1 | 33.6 | 32.5 | 31.1 | 30.0 | 28.6 | 52                             |
| 56                                                                                                                                                        |      |      |      |      |      | 31.8 | 30.4 | 29.4 | 28.0 | 26.9 | 25.6 | 56                             |
| 60                                                                                                                                                        |      |      |      |      |      | 28.6 | 27.6 | 26.6 | 25.3 | 24.3 | 22.9 | 60                             |
| 64                                                                                                                                                        |      |      |      |      |      |      | 25.1 | 24.2 | 22.9 | 21.9 | 20.6 | 64                             |
| 68                                                                                                                                                        |      |      |      |      |      |      |      | 22.0 | 20.7 | 19.7 | 18.5 | 68                             |
| 72                                                                                                                                                        |      |      |      |      |      |      |      | 20.0 | 18.8 | 17.8 | 16.6 | 72                             |
| 76                                                                                                                                                        |      |      |      |      |      |      |      |      | 17.0 | 16.1 | 14.9 | 76                             |
| 80                                                                                                                                                        |      |      |      |      |      |      |      |      |      | 14.5 | 13.3 | 80                             |
| 84                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 11.9 | 84                             |
| 88                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 10.6 | 88                             |

Unit: t

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                            |      |      |       |       |       |       |       |       |       |       |       |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 72m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |      |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                 | 24   | 30   | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                             | 222* | 219* |       |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                             | 197* | 198* | 183*  |       |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                             | 179* | 178* | 177*  | 153*  |       |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                             | 162* | 161* | 161*  | 152*  | 129*  | 108*  |       |       |       |       |       | 24                             |
| 26                                                                                                                                                             | 150* | 148* | 147*  | 147*  | 128*  | 108*  | 91.6* |       |       |       |       | 26                             |
| 28                                                                                                                                                             | 138* | 137* | 136*  | 135*  | 127*  | 108*  | 91.4* | 79.4* |       |       |       | 28                             |
| 30                                                                                                                                                             | 128* | 127* | 126*  | 125*  | 124*  | 107*  | 91.1* | 79.3* | 67.6* |       |       | 30                             |
| 32                                                                                                                                                             | 120* | 118* | 118*  | 117*  | 116*  | 107*  | 90.7* | 79.1* | 67.5* | 57.0* | 48.7* | 32                             |
| 34                                                                                                                                                             |      | 111* | 110*  | 109*  | 108*  | 106*  | 90.4* | 78.8* | 67.3* | 56.8* | 48.5* | 34                             |
| 36                                                                                                                                                             |      | 105* | 103*  | 102*  | 101*  | 100*  | 89.8* | 78.4* | 67.0* | 56.6* | 48.3* | 36                             |
| 38                                                                                                                                                             |      |      | 98.2* | 97.0* | 96.1* | 94.5* | 89.1* | 78.0* | 66.8* | 56.3* | 48.1* | 38                             |
| 40                                                                                                                                                             |      |      | 92.9* | 91.8* | 90.6* | 89.5* | 88.4* | 77.5* | 66.4* | 56.0* | 47.8* | 40                             |
| 44                                                                                                                                                             |      |      |       | 82.4* | 81.7* | 80.6* | 79.6* | 76.4* | 65.7* | 55.3* | 47.2* | 44                             |
| 48                                                                                                                                                             |      |      |       | 75.1* | 74.2* | 72.8* | 71.8* | 70.7* | 64.8* | 54.5* | 46.6* | 48                             |
| 52                                                                                                                                                             |      |      |       |       | 67.4* | 66.5* | 65.5* | 64.5* | 61.4* | 53.7* | 45.9* | 52                             |
| 56                                                                                                                                                             |      |      |       |       |       | 61.0* | 59.8* | 58.4* | 56.3* | 52.1* | 45.2* | 56                             |
| 60                                                                                                                                                             |      |      |       |       |       | 54.5* | 53.8* | 52.8* | 51.3* | 47.8* | 44.5* | 60                             |
| 64                                                                                                                                                             |      |      |       |       |       |       | 47.8* | 47.4* | 46.5* | 43.6* | 42.6* | 64                             |
| 68                                                                                                                                                             |      |      |       |       |       |       |       | 42.8* | 42.2* | 40.1* | 39.3* | 68                             |
| 72                                                                                                                                                             |      |      |       |       |       |       |       | 38.5* | 38.1* | 36.6* | 36.1* | 72                             |
| 76                                                                                                                                                             |      |      |       |       |       |       |       |       | 34.7* | 33.8* | 33.2* | 76                             |
| 80                                                                                                                                                             |      |      |       |       |       |       |       |       |       | 30.7* | 30.5* | 80                             |
| 84                                                                                                                                                             |      |      |       |       |       |       |       |       |       | 28.3* | 27.9* | 84                             |
| 88                                                                                                                                                             |      |      |       |       |       |       |       |       |       |       | 25.5* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 72m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                            | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                        | 122  | 118  |      |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                        | 111  | 107  | 104  |      |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                        | 101  | 98.2 | 95.4 | 92.3 |      |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                        | 93.2 | 90.3 | 87.8 | 84.9 | 82.4 | 79.7 |      |      |      |      |      | 24                             |
| 26                                                                                                                                                        | 86.1 | 83.5 | 81.2 | 78.5 | 76.2 | 73.7 | 71.4 |      |      |      |      | 26                             |
| 28                                                                                                                                                        | 79.9 | 77.6 | 75.4 | 72.9 | 70.8 | 68.4 | 66.2 | 64.4 |      |      |      | 28                             |
| 30                                                                                                                                                        | 74.5 | 72.3 | 70.3 | 67.9 | 65.9 | 63.7 | 61.7 | 59.9 | 57.9 |      |      | 30                             |
| 32                                                                                                                                                        | 69.7 | 67.7 | 65.8 | 63.5 | 61.6 | 59.5 | 57.6 | 56.0 | 54.0 | 52.4 | 48.7 | 32                             |
| 34                                                                                                                                                        |      | 63.5 | 61.8 | 59.6 | 57.8 | 55.8 | 53.9 | 52.4 | 50.5 | 49.0 | 47.2 | 34                             |
| 36                                                                                                                                                        |      | 59.7 | 58.1 | 56.0 | 54.3 | 52.4 | 50.6 | 49.1 | 47.4 | 45.9 | 44.2 | 36                             |
| 38                                                                                                                                                        |      |      | 54.8 | 52.8 | 51.2 | 49.3 | 47.6 | 46.2 | 44.5 | 43.1 | 41.4 | 38                             |
| 40                                                                                                                                                        |      |      | 51.8 | 49.9 | 48.3 | 46.5 | 44.8 | 43.5 | 41.9 | 40.5 | 38.9 | 40                             |
| 44                                                                                                                                                        |      |      |      | 44.7 | 43.3 | 41.6 | 40.0 | 38.8 | 37.2 | 35.9 | 34.4 | 44                             |
| 48                                                                                                                                                        |      |      |      | 40.3 | 39.0 | 37.4 | 35.9 | 34.7 | 33.2 | 32.1 | 30.6 | 48                             |
| 52                                                                                                                                                        |      |      |      |      | 35.3 | 33.8 | 32.3 | 31.2 | 29.8 | 28.7 | 27.3 | 52                             |
| 56                                                                                                                                                        |      |      |      |      |      | 30.6 | 29.2 | 28.2 | 26.8 | 25.7 | 24.4 | 56                             |
| 60                                                                                                                                                        |      |      |      |      |      | 27.8 | 26.5 | 25.5 | 24.2 | 23.2 | 21.8 | 60                             |
| 64                                                                                                                                                        |      |      |      |      |      |      | 24.1 | 23.1 | 21.9 | 20.8 | 19.6 | 64                             |
| 68                                                                                                                                                        |      |      |      |      |      |      |      | 21.0 | 19.8 | 18.8 | 17.5 | 68                             |
| 72                                                                                                                                                        |      |      |      |      |      |      |      | 19.1 | 17.9 | 16.9 | 15.7 | 72                             |
| 76                                                                                                                                                        |      |      |      |      |      |      |      |      | 16.1 | 15.2 | 14.0 | 76                             |
| 80                                                                                                                                                        |      |      |      |      |      |      |      |      |      | 13.7 | 12.5 | 80                             |
| 84                                                                                                                                                        |      |      |      |      |      |      |      |      |      | 12.3 | 11.1 | 84                             |
| 88                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 9.8  | 88                             |

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                            |      |       |       |       |       |       |       |       |       |       |       |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 78m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |       |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                 | 24   | 30    | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                             | 218* |       |       |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                             | 194* | 193*  | 167*  |       |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                             | 174* | 174*  | 166*  | 141*  |       |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                             | 159* | 157*  | 157*  | 140*  | 119*  |       |       |       |       |       |       | 24                             |
| 26                                                                                                                                                             | 146* | 145*  | 144*  | 139*  | 119*  | 101*  | 86.5* |       |       |       |       | 26                             |
| 28                                                                                                                                                             | 135* | 134*  | 133*  | 132*  | 118*  | 101*  | 86.3* | 75.0* |       |       |       | 28                             |
| 30                                                                                                                                                             | 126* | 124*  | 123*  | 122*  | 117*  | 100*  | 86.0* | 74.8* | 64.0* |       |       | 30                             |
| 32                                                                                                                                                             | 117* | 116*  | 115*  | 113*  | 112*  | 100*  | 85.6* | 74.6* | 63.9* | 54.4* |       | 32                             |
| 34                                                                                                                                                             |      | 109*  | 108*  | 106*  | 105*  | 99.3* | 85.0* | 74.4* | 63.7* | 54.2* | 46.3* | 34                             |
| 36                                                                                                                                                             |      | 103*  | 101*  | 100*  | 99.1* | 98.2* | 84.4* | 74.0* | 63.5* | 54.0* | 46.1* | 36                             |
| 38                                                                                                                                                             |      | 96.4* | 95.4* | 94.3* | 93.2* | 92.4* | 83.7* | 73.6* | 63.2* | 53.7* | 45.9* | 38                             |
| 40                                                                                                                                                             |      |       | 90.5* | 89.4* | 88.0* | 87.0* | 82.9* | 73.1* | 62.9* | 53.5* | 45.7* | 40                             |
| 44                                                                                                                                                             |      |       | 81.9* | 80.5* | 79.6* | 78.3* | 77.2* | 71.9* | 62.2* | 52.8* | 45.1* | 44                             |
| 48                                                                                                                                                             |      |       |       | 72.7* | 71.9* | 70.9* | 70.1* | 67.1* | 61.2* | 52.1* | 44.5* | 48                             |
| 52                                                                                                                                                             |      |       |       |       | 66.0* | 64.6* | 63.2* | 60.8* | 58.0* | 51.3* | 43.9* | 52                             |
| 56                                                                                                                                                             |      |       |       |       |       | 57.6* | 56.4* | 55.0* | 53.0* | 49.6* | 43.2* | 56                             |
| 60                                                                                                                                                             |      |       |       |       |       | 51.3* | 50.7* | 49.6* | 48.3* | 45.8* | 42.5* | 60                             |
| 64                                                                                                                                                             |      |       |       |       |       |       | 45.2* | 44.5* | 43.6* | 42.0* | 40.0* | 64                             |
| 68                                                                                                                                                             |      |       |       |       |       |       |       | 40.1* | 39.6* | 38.3* | 36.9* | 68                             |
| 72                                                                                                                                                             |      |       |       |       |       |       |       | 36.0* | 35.7* | 34.7* | 33.8* | 72                             |
| 76                                                                                                                                                             |      |       |       |       |       |       |       |       | 32.5* | 31.6* | 30.9* | 76                             |
| 80                                                                                                                                                             |      |       |       |       |       |       |       |       |       | 29.0* | 28.2* | 80                             |
| 84                                                                                                                                                             |      |       |       |       |       |       |       |       |       | 26.2* | 25.9* | 84                             |
| 88                                                                                                                                                             |      |       |       |       |       |       |       |       |       |       | 23.6* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 78m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                            | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                        | 117  |      |      |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                        | 106  | 103  | 100  |      |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                        | 97.4 | 94.3 | 91.6 | 88.5 |      |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                        | 89.6 | 86.8 | 84.3 | 81.5 | 79.1 |      |      |      |      |      |      | 24                             |
| 26                                                                                                                                                        | 82.8 | 80.3 | 78.0 | 75.4 | 73.1 | 70.7 | 68.4 |      |      |      |      | 26                             |
| 28                                                                                                                                                        | 77.0 | 74.6 | 72.5 | 70.0 | 67.9 | 65.6 | 63.5 | 61.7 |      |      |      | 28                             |
| 30                                                                                                                                                        | 71.8 | 69.6 | 67.7 | 65.3 | 63.3 | 61.1 | 59.1 | 57.4 | 55.4 |      |      | 30                             |
| 32                                                                                                                                                        | 67.2 | 65.2 | 63.3 | 61.1 | 59.2 | 57.1 | 55.2 | 53.6 | 51.7 | 50.1 |      | 32                             |
| 34                                                                                                                                                        |      | 61.2 | 59.5 | 57.3 | 55.5 | 53.5 | 51.7 | 50.2 | 48.3 | 46.8 | 45.0 | 34                             |
| 36                                                                                                                                                        |      | 57.6 | 56.0 | 53.9 | 52.2 | 50.3 | 48.5 | 47.1 | 45.3 | 43.8 | 42.1 | 36                             |
| 38                                                                                                                                                        |      | 54.3 | 52.8 | 50.8 | 49.2 | 47.3 | 45.6 | 44.2 | 42.5 | 41.1 | 39.5 | 38                             |
| 40                                                                                                                                                        |      |      | 49.9 | 48.0 | 46.4 | 44.6 | 43.0 | 41.6 | 40.0 | 38.7 | 37.0 | 40                             |
| 44                                                                                                                                                        |      |      | 44.8 | 43.0 | 41.6 | 39.9 | 38.3 | 37.1 | 35.5 | 34.3 | 32.8 | 44                             |
| 48                                                                                                                                                        |      |      |      | 38.8 | 37.4 | 35.9 | 34.4 | 33.2 | 31.7 | 30.5 | 29.1 | 48                             |
| 52                                                                                                                                                        |      |      |      |      | 33.9 | 32.4 | 30.9 | 29.8 | 28.4 | 27.3 | 25.9 | 52                             |
| 56                                                                                                                                                        |      |      |      |      |      | 29.3 | 28.0 | 26.9 | 25.5 | 24.5 | 23.1 | 56                             |
| 60                                                                                                                                                        |      |      |      |      |      | 26.6 | 25.3 | 24.3 | 23.0 | 22.0 | 20.6 | 60                             |
| 64                                                                                                                                                        |      |      |      |      |      |      | 23.0 | 22.0 | 20.7 | 19.7 | 18.4 | 64                             |
| 68                                                                                                                                                        |      |      |      |      |      |      |      | 20.0 | 18.7 | 17.7 | 16.5 | 68                             |
| 72                                                                                                                                                        |      |      |      |      |      |      |      | 18.1 | 16.9 | 15.9 | 14.7 | 72                             |
| 76                                                                                                                                                        |      |      |      |      |      |      |      |      | 15.2 | 14.3 | 13.1 | 76                             |
| 80                                                                                                                                                        |      |      |      |      |      |      |      |      |      | 12.8 | 11.6 | 80                             |
| 84                                                                                                                                                        |      |      |      |      |      |      |      |      |      | 11.4 | 10.3 | 84                             |
| 88                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 9.0  | 88                             |

## Load Chart of ZLJDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| ZLJDB Configuration                                                                                                                                            |      |       |       |       |       |       |       |       |       |       |       |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|
| Boom length 84m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |      |       |       |       |       |       |       |       |       |       |       |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                                 | 24   | 30    | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                             | 210* |       |       |       |       |       |       |       |       |       |       | 18                             |
| 20                                                                                                                                                             | 190* | 178*  |       |       |       |       |       |       |       |       |       | 20                             |
| 22                                                                                                                                                             | 171* | 170*  | 152*  | 131*  |       |       |       |       |       |       |       | 22                             |
| 24                                                                                                                                                             | 156* | 155*  | 150*  | 130*  | 112*  |       |       |       |       |       |       | 24                             |
| 26                                                                                                                                                             | 142* | 141*  | 141*  | 129*  | 111*  | 95.8* |       |       |       |       |       | 26                             |
| 28                                                                                                                                                             | 132* | 131*  | 130*  | 127*  | 110*  | 95.4* | 81.6* |       |       |       |       | 28                             |
| 30                                                                                                                                                             | 122* | 121*  | 120*  | 119*  | 109*  | 94.8* | 81.3* | 71.0* | 61.0* |       |       | 30                             |
| 32                                                                                                                                                             | 114* | 113*  | 112*  | 111*  | 108*  | 94.0* | 80.9* | 70.8* | 60.9* | 51.9* |       | 32                             |
| 34                                                                                                                                                             |      | 106*  | 105*  | 104*  | 103*  | 93.0* | 80.3* | 70.5* | 60.8* | 51.8* | 44.3* | 34                             |
| 36                                                                                                                                                             |      | 99.8* | 99.2* | 98.0* | 96.8* | 91.9* | 79.7* | 70.1* | 60.5* | 51.6* | 44.1* | 36                             |
| 38                                                                                                                                                             |      | 94.5* | 93.2* | 92.5* | 91.1* | 90.3* | 78.9* | 69.6* | 60.3* | 51.4* | 43.9* | 38                             |
| 40                                                                                                                                                             |      |       | 88.5* | 87.1* | 86.0* | 85.1* | 78.1* | 69.1* | 59.9* | 51.1* | 43.7* | 40                             |
| 44                                                                                                                                                             |      |       | 79.4* | 78.5* | 77.1* | 76.2* | 74.2* | 67.9* | 59.1* | 50.5* | 43.2* | 44                             |
| 48                                                                                                                                                             |      |       |       | 71.3* | 70.2* | 68.9* | 66.9* | 63.9* | 58.2* | 49.7* | 42.7* | 48                             |
| 52                                                                                                                                                             |      |       |       |       | 63.7* | 62.0* | 60.2* | 57.8* | 55.0* | 48.9* | 42.0* | 52                             |
| 56                                                                                                                                                             |      |       |       |       | 56.1* | 54.9* | 54.0* | 52.3* | 50.2* | 47.5* | 41.3* | 56                             |
| 60                                                                                                                                                             |      |       |       |       |       | 49.0* | 48.2* | 47.1* | 45.8* | 43.8* | 40.7* | 60                             |
| 64                                                                                                                                                             |      |       |       |       |       |       | 43.1* | 42.5* | 41.5* | 39.9* | 38.1* | 64                             |
| 68                                                                                                                                                             |      |       |       |       |       |       |       | 38.4* | 37.6* | 36.6* | 35.0* | 68                             |
| 72                                                                                                                                                             |      |       |       |       |       |       |       | 34.4* | 34.1* | 33.2* | 32.0* | 72                             |
| 76                                                                                                                                                             |      |       |       |       |       |       |       |       | 30.8* | 30.3* | 29.4* | 76                             |
| 80                                                                                                                                                             |      |       |       |       |       |       |       |       |       | 27.6* | 27.0* | 80                             |
| 84                                                                                                                                                             |      |       |       |       |       |       |       |       |       | 24.9* | 24.7* | 84                             |
| 88                                                                                                                                                             |      |       |       |       |       |       |       |       |       |       | 22.5* | 88                             |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of ZLJDB

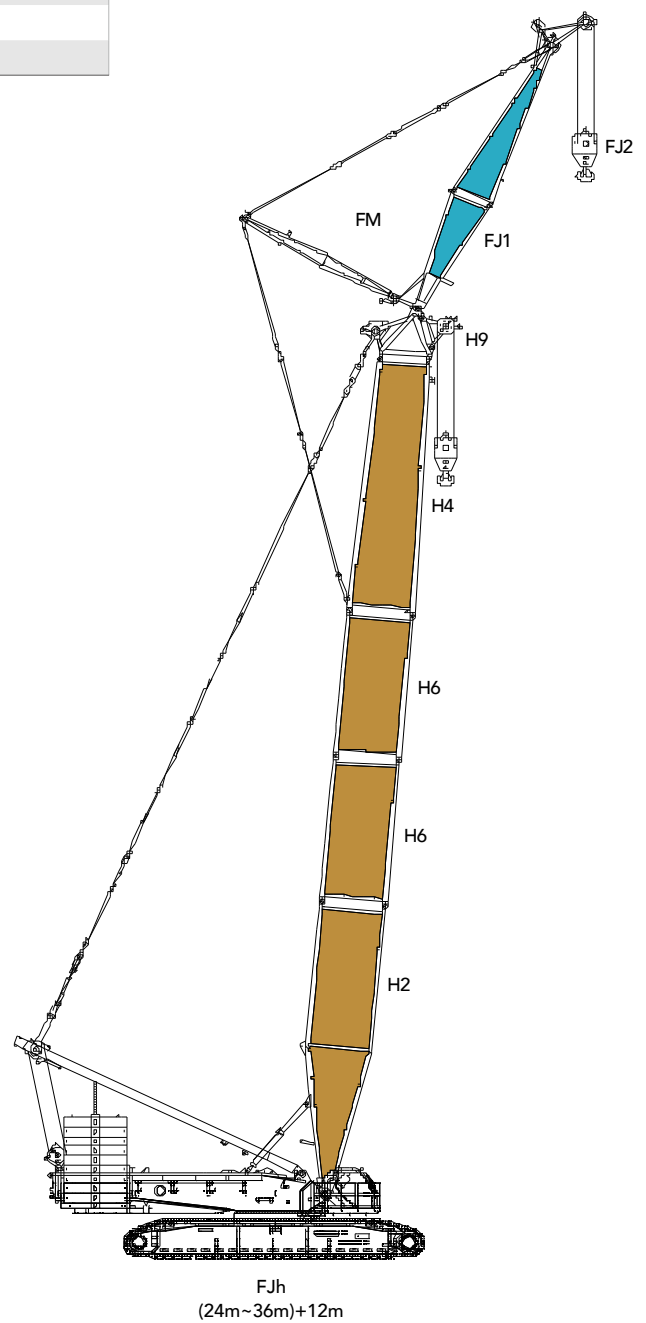
Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

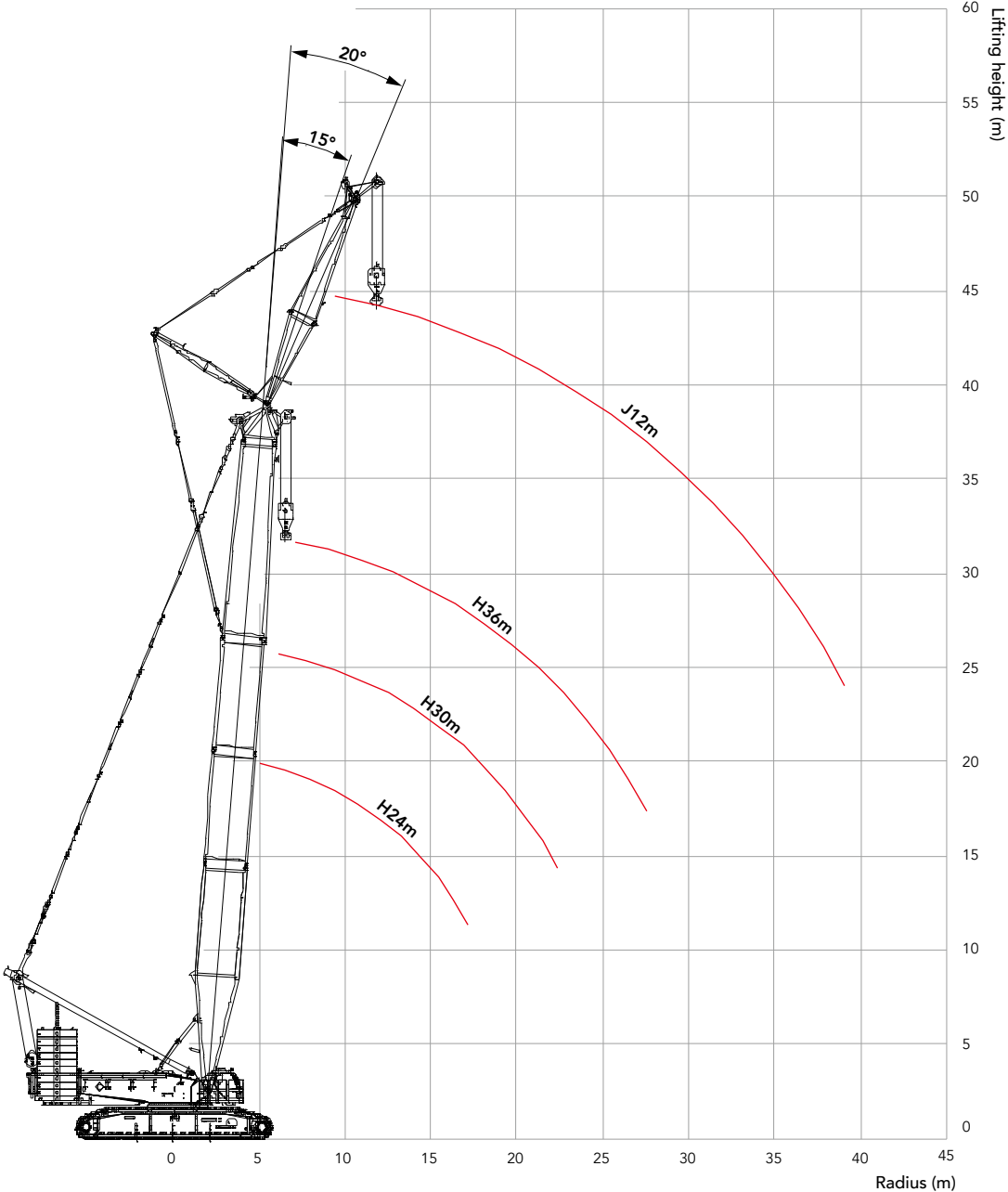
| ZLJDB Configuration                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|
| Boom length 84m, Boom angle 85°, Jib length 24m~84m, Superlift radius 18m, Superlift counterweight 0t, Rear counterweight 160t, Carbody counterweight 50t |      |      |      |      |      |      |      |      |      |      |      |                                |
| Jib length<br>(m)<br>Radius(m)                                                                                                                            | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | Jib length<br>(m)<br>Radius(m) |
| 18                                                                                                                                                        | 112  |      |      |      |      |      |      |      |      |      |      | 18                             |
| 20                                                                                                                                                        | 102  | 98.8 |      |      |      |      |      |      |      |      |      | 20                             |
| 22                                                                                                                                                        | 93.5 | 90.5 | 87.9 | 84.8 |      |      |      |      |      |      |      | 22                             |
| 24                                                                                                                                                        | 86.1 | 83.4 | 81.0 | 78.2 | 75.8 |      |      |      |      |      |      | 24                             |
| 26                                                                                                                                                        | 79.7 | 77.2 | 75.0 | 72.4 | 70.2 | 67.7 |      |      |      |      |      | 26                             |
| 28                                                                                                                                                        | 74.1 | 71.8 | 69.7 | 67.3 | 65.2 | 62.9 | 60.8 |      |      |      |      | 28                             |
| 30                                                                                                                                                        | 69.1 | 67.0 | 65.1 | 62.7 | 60.8 | 58.6 | 56.6 | 54.9 | 52.9 |      |      | 30                             |
| 32                                                                                                                                                        | 64.7 | 62.7 | 60.9 | 58.7 | 56.9 | 54.8 | 52.9 | 51.3 | 49.4 | 47.8 |      | 32                             |
| 34                                                                                                                                                        |      | 58.9 | 57.2 | 55.1 | 53.3 | 51.4 | 49.5 | 48.0 | 46.2 | 44.7 | 42.9 | 34                             |
| 36                                                                                                                                                        |      | 55.4 | 53.9 | 51.8 | 50.1 | 48.2 | 46.5 | 45.0 | 43.3 | 41.8 | 40.1 | 36                             |
| 38                                                                                                                                                        |      | 52.3 | 50.8 | 48.8 | 47.2 | 45.4 | 43.7 | 42.3 | 40.6 | 39.2 | 37.6 | 38                             |
| 40                                                                                                                                                        |      |      | 48.0 | 46.1 | 44.6 | 42.8 | 41.2 | 39.8 | 38.2 | 36.9 | 35.2 | 40                             |
| 44                                                                                                                                                        |      |      | 43.1 | 41.3 | 39.9 | 38.3 | 36.7 | 35.5 | 33.9 | 32.7 | 31.1 | 44                             |
| 48                                                                                                                                                        |      |      |      | 37.3 | 35.9 | 34.4 | 32.9 | 31.7 | 30.2 | 29.1 | 27.6 | 48                             |
| 52                                                                                                                                                        |      |      |      |      | 32.5 | 31.0 | 29.6 | 28.5 | 27.1 | 25.9 | 24.5 | 52                             |
| 56                                                                                                                                                        |      |      |      |      | 29.5 | 28.0 | 26.7 | 25.6 | 24.3 | 23.2 | 21.8 | 56                             |
| 60                                                                                                                                                        |      |      |      |      |      | 25.4 | 24.1 | 23.1 | 21.8 | 20.8 | 19.5 | 60                             |
| 64                                                                                                                                                        |      |      |      |      |      |      | 21.9 | 20.9 | 19.6 | 18.6 | 17.3 | 64                             |
| 68                                                                                                                                                        |      |      |      |      |      |      |      | 18.9 | 17.7 | 16.7 | 15.4 | 68                             |
| 72                                                                                                                                                        |      |      |      |      |      |      |      | 17.1 | 15.9 | 15.0 | 13.7 | 72                             |
| 76                                                                                                                                                        |      |      |      |      |      |      |      |      | 14.3 | 13.4 | 12.2 | 76                             |
| 80                                                                                                                                                        |      |      |      |      |      |      |      |      |      | 11.9 | 10.7 | 80                             |
| 84                                                                                                                                                        |      |      |      |      |      |      |      |      |      | 10.6 | 9.4  | 84                             |
| 88                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      | 8.2  | 88                             |

## Boom Combination in FJh

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



Working Radius in FJh



Unit: t

## Load Chart of FJh

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| FJh Configuration                                                                                         |           |           |           |           |           |           |                                 |
|-----------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------------|
| Boom length 24m~36m, Jib length 12m, Offset angle 15°, Rear counterweight 230t, Carbody counterweight 50t |           |           |           |           |           |           |                                 |
| Boom length<br>(m)<br>Radius(m)                                                                           | 24        |           | 30        |           | 36        |           | Boom length<br>(m)<br>Radius(m) |
|                                                                                                           | Main hook | Aux. hook | Main hook | Aux. hook | Main hook | Aux. hook |                                 |
| 6                                                                                                         | 558       |           |           |           |           |           | 6                               |
| 7                                                                                                         | 496       |           | 496       |           | 475       |           | 7                               |
| 8                                                                                                         | 428       |           | 429       |           | 429       |           | 8                               |
| 9                                                                                                         | 372       | 160       | 372       |           | 372       |           | 9                               |
| 10                                                                                                        | 328       | 160       | 328       | 160       | 328       | 160       | 10                              |
| 11                                                                                                        | 292       | 156       | 293       | 160       | 293       | 160       | 11                              |
| 12                                                                                                        | 263       | 147       | 264       | 153       | 264       | 157       | 12                              |
| 14                                                                                                        | 218       | 133       | 219       | 140       | 219       | 145       | 14                              |
| 16                                                                                                        | 185       | 121       | 186       | 128       | 186       | 134       | 16                              |
| 18                                                                                                        | 157       | 112       | 159       | 119       | 160       | 125       | 18                              |
| 20                                                                                                        | 134       | 103       | 135       | 111       | 136       | 117       | 20                              |
| 22                                                                                                        | 115       | 96.1      | 117       | 104       | 117       | 111       | 22                              |
| 24                                                                                                        |           | 90.3      | 102       | 98.4      | 103       | 104       | 24                              |
| 26                                                                                                        |           | 85.0      | 90.1      | 92.6      | 90.9      | 98.9      | 26                              |
| 28                                                                                                        |           | 80.4      | 79.8      | 87.9      | 80.8      | 93.7      | 28                              |
| 30                                                                                                        |           | 76.7      |           | 83.5      | 72.2      | 85.0      | 30                              |
| 32                                                                                                        |           | 73.1      |           | 78.0      | 64.7      | 77.6      | 32                              |
| 34                                                                                                        |           | 70.5      |           | 71.5      |           | 71.1      | 34                              |
| 36                                                                                                        |           |           |           | 65.8      |           | 65.5      | 36                              |
| 38                                                                                                        |           |           |           | 60.7      |           | 60.5      | 38                              |
| 40                                                                                                        |           |           |           | 56.1      |           | 56.0      | 40                              |
| 44                                                                                                        |           |           |           |           |           | 48.3      | 44                              |

## Load Chart of FJh

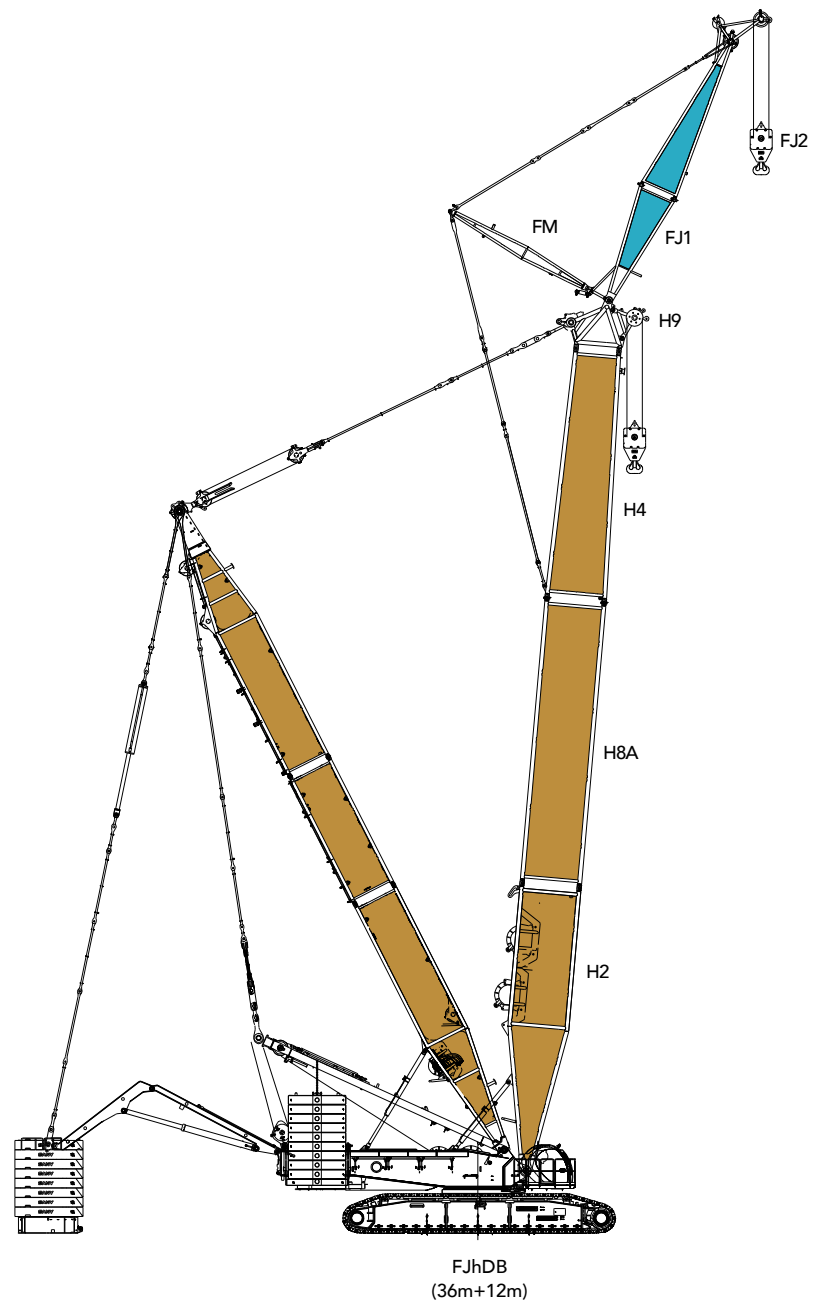
Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

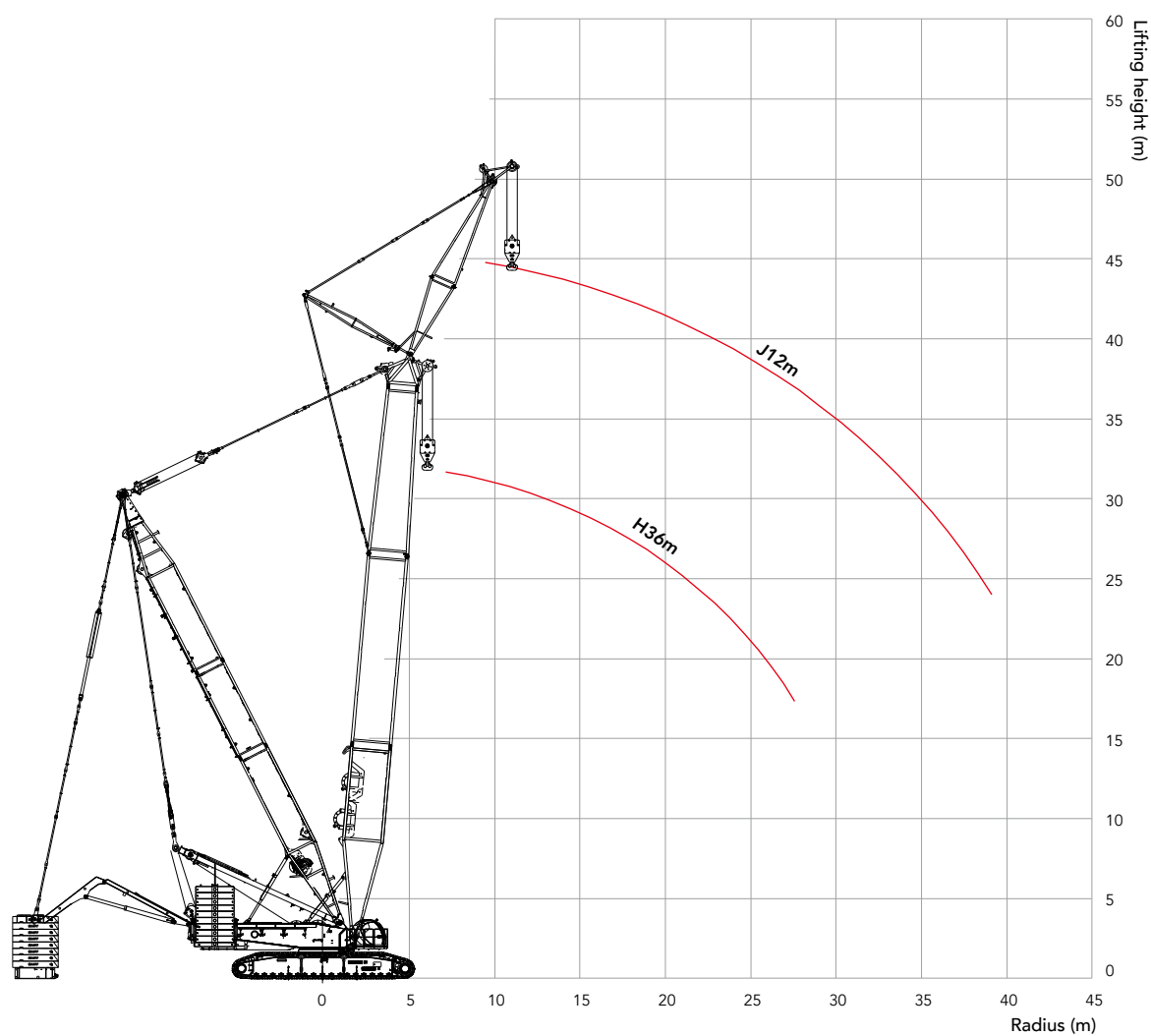
| FJh Configuration                                                                                         |           |           |           |           |           |           |                                 |
|-----------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------------|
| Boom length 24m~36m, Jib length 12m, Offset angle 20°, Rear counterweight 230t, Carbody counterweight 50t |           |           |           |           |           |           |                                 |
| Boom length<br>(m)<br>Radius(m)                                                                           | 24        |           | 30        |           | 36        |           | Boom length<br>(m)<br>Radius(m) |
|                                                                                                           | Main hook | Aux. hook | Main hook | Aux. hook | Main hook | Aux. hook |                                 |
| 6                                                                                                         | 558       |           |           |           |           |           | 6                               |
| 7                                                                                                         | 495       |           | 495       |           | 475       |           | 7                               |
| 8                                                                                                         | 427       |           | 428       |           | 428       |           | 8                               |
| 9                                                                                                         | 371       |           | 371       |           | 371       |           | 9                               |
| 10                                                                                                        | 327       | 135       | 328       |           | 328       |           | 10                              |
| 11                                                                                                        | 292       | 128       | 292       | 131       | 292       | 133       | 11                              |
| 12                                                                                                        | 263       | 122       | 263       | 125       | 263       | 127       | 12                              |
| 14                                                                                                        | 218       | 111       | 219       | 116       | 219       | 119       | 14                              |
| 16                                                                                                        | 185       | 102       | 186       | 108       | 186       | 111       | 16                              |
| 18                                                                                                        | 157       | 95.4      | 159       | 101       | 159       | 105       | 18                              |
| 20                                                                                                        | 133       | 89.4      | 135       | 94.7      | 136       | 99.0      | 20                              |
| 22                                                                                                        | 115       | 83.7      | 117       | 89.1      | 117       | 94.6      | 22                              |
| 24                                                                                                        |           | 78.9      | 102       | 85.2      | 102       | 89.7      | 24                              |
| 26                                                                                                        |           | 74.6      | 90.0      | 80.9      | 90.7      | 85.3      | 26                              |
| 28                                                                                                        |           | 71.1      | 79.7      | 77.0      | 80.6      | 81.9      | 28                              |
| 30                                                                                                        |           | 68.3      |           | 73.7      | 72.0      | 78.5      | 30                              |
| 32                                                                                                        |           | 66.0      |           | 70.7      | 64.6      | 75.8      | 32                              |
| 34                                                                                                        |           | 63.6      |           | 68.1      |           | 71.4      | 34                              |
| 36                                                                                                        |           |           |           | 65.8      |           | 65.7      | 36                              |
| 38                                                                                                        |           |           |           | 60.9      |           | 60.7      | 38                              |
| 40                                                                                                        |           |           |           | 56.2      |           | 56.2      | 40                              |
| 44                                                                                                        |           |           |           |           |           | 48.4      | 44                              |

## Boom Combination in FJhDB

| Boom Combination in FJhDB |           |                    |                                |
|---------------------------|-----------|--------------------|--------------------------------|
| Boom length (m)           | Insert    | Boom               |                                |
|                           | 12m/(H8A) | 12m boom base/(H2) | 10.5m tapered boom insert/(H4) |
| 36                        | 1         | 1                  | 1                              |



Working Radius in FJhDB



## Load Chart of FJhDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| FJhDB Configuration                                                                                                                                             |           |           |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|
| Boom length 36m, Jib length 12m, Offset angle 15°,<br>Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |           |           |           |
| Radius(m)                                                                                                                                                       | 36        |           | Radius(m) |
|                                                                                                                                                                 | Main hook | Aux. hook |           |
| 7                                                                                                                                                               | 534*      |           | 7         |
| 8                                                                                                                                                               | 534*      |           | 8         |
| 9                                                                                                                                                               | 538*      |           | 9         |
| 10                                                                                                                                                              | 538*      | 160*      | 10        |
| 11                                                                                                                                                              | 540*      | 160*      | 11        |
| 12                                                                                                                                                              | 545*      | 160*      | 12        |
| 14                                                                                                                                                              | 495       | 147*      | 14        |
| 16                                                                                                                                                              | 432       | 136*      | 16        |
| 18                                                                                                                                                              | 383       | 126*      | 18        |
| 20                                                                                                                                                              | 343       | 119*      | 20        |
| 22                                                                                                                                                              | 310       | 111*      | 22        |
| 24                                                                                                                                                              | 282       | 106*      | 24        |
| 26                                                                                                                                                              | 257       | 100*      | 26        |
| 28                                                                                                                                                              | 236       | 95.1*     | 28        |
| 30                                                                                                                                                              | 218       | 90.5*     | 30        |
| 32                                                                                                                                                              | 202       | 86.9*     | 32        |
| 34                                                                                                                                                              |           | 83.2*     |           |
| 36                                                                                                                                                              |           | 80.3*     |           |
| 38                                                                                                                                                              |           | 77.3*     |           |
| 40                                                                                                                                                              |           | 74.6*     |           |
| 44                                                                                                                                                              |           | 70.1*     |           |

| FJhDB Configuration                                                                                                                                           |           |           |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|
| Boom length 36m, Jib length 12m, Offset angle 15°,<br>Superlift radius 18m, Superlift counterweight 0t,<br>Rear counterweight 160t, Carbody counterweight 50t |           |           |           |
| Radius(m)                                                                                                                                                     | 36        |           | Radius(m) |
|                                                                                                                                                               | Main hook | Aux. hook |           |
| 7                                                                                                                                                             | 459       |           | 7         |
| 8                                                                                                                                                             | 390       |           | 8         |
| 9                                                                                                                                                             | 338       |           | 9         |
| 10                                                                                                                                                            | 298       | 160       | 10        |
| 11                                                                                                                                                            | 266       | 160       | 11        |
| 12                                                                                                                                                            | 239       | 160       | 12        |
| 14                                                                                                                                                            | 198       | 147       | 14        |
| 16                                                                                                                                                            | 164       | 136       | 16        |
| 18                                                                                                                                                            | 136       | 126       | 18        |
| 20                                                                                                                                                            | 115       | 119       | 20        |
| 22                                                                                                                                                            | 99.1      | 111       | 22        |
| 24                                                                                                                                                            | 86.1      | 99.4      | 24        |
| 26                                                                                                                                                            | 75.5      | 88.6      | 26        |
| 28                                                                                                                                                            | 66.6      | 79.6      | 28        |
| 30                                                                                                                                                            | 59.1      | 72.0      | 30        |
| 32                                                                                                                                                            | 52.6      | 65.5      | 32        |
| 34                                                                                                                                                            |           | 59.8      | 34        |
| 36                                                                                                                                                            |           | 54.8      | 36        |
| 38                                                                                                                                                            |           | 50.4      | 38        |
| 40                                                                                                                                                            |           | 46.5      | 40        |
| 44                                                                                                                                                            |           | 39.7      | 44        |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

## Load Chart of FJhDB

Note:

1. Meet ISO 4305 standard;
2. The rated load in the table includes the weight of hook, wire rope and other spreader. The weight to be lifted is the sum of the rated load minus the weight of the above items.

| FJhDB Configuration                                                                                                                                             |                    |           |           |                    |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|-----------|--------------------|-----------|
| Boom length 36m, Jib length 12m, Offset angle 20°,<br>Superlift radius 18m, Superlift counterweight 280t,<br>Rear counterweight 160t, Carbody counterweight 50t |                    |           |           |                    |           |
| Radius(m)                                                                                                                                                       | Boom length<br>(m) | 36        |           | Boom length<br>(m) | Radius(m) |
|                                                                                                                                                                 |                    | Main hook | Aux. hook |                    |           |
| 7                                                                                                                                                               |                    | 534*      |           |                    | 7         |
| 8                                                                                                                                                               |                    | 534*      |           |                    | 8         |
| 9                                                                                                                                                               |                    | 538*      |           |                    | 9         |
| 10                                                                                                                                                              |                    | 538*      |           |                    | 10        |
| 11                                                                                                                                                              |                    | 540*      | 134*      |                    | 11        |
| 12                                                                                                                                                              |                    | 545*      | 130*      |                    | 12        |
| 14                                                                                                                                                              |                    | 495       | 121*      |                    | 14        |
| 16                                                                                                                                                              |                    | 432       | 112*      |                    | 16        |
| 18                                                                                                                                                              |                    | 382       | 106*      |                    | 18        |
| 20                                                                                                                                                              |                    | 342       | 100*      |                    | 20        |
| 22                                                                                                                                                              |                    | 309       | 95.2*     |                    | 22        |
| 24                                                                                                                                                              |                    | 282       | 90.8*     |                    | 24        |
| 26                                                                                                                                                              |                    | 257       | 86.4*     |                    | 26        |
| 28                                                                                                                                                              |                    | 236       | 82.5*     |                    | 28        |
| 30                                                                                                                                                              |                    | 218       | 79.0*     |                    | 30        |
| 32                                                                                                                                                              |                    | 202       | 75.8*     |                    | 32        |
| 34                                                                                                                                                              |                    |           | 73.4*     |                    |           |
| 36                                                                                                                                                              |                    |           | 70.9*     |                    |           |
| 38                                                                                                                                                              |                    |           | 69.0*     |                    |           |
| 40                                                                                                                                                              |                    |           | 66.9*     |                    |           |
| 44                                                                                                                                                              |                    |           | 63.6*     |                    |           |

Note: The data in the table with \* indicates that the superlift counterweight cannot be off the ground under this operating condition.

| FJhDB Configuration                                                                                                                                           |                    |           |           |                    |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|-----------|--------------------|-----------|
| Boom length 36m, Jib length 12m, Offset angle 20°,<br>Superlift radius 18m, Superlift counterweight 0t,<br>Rear counterweight 160t, Carbody counterweight 50t |                    |           |           |                    |           |
| Radius(m)                                                                                                                                                     | Boom length<br>(m) | 36        |           | Boom length<br>(m) | Radius(m) |
|                                                                                                                                                               |                    | Main hook | Aux. hook |                    |           |
| 7                                                                                                                                                             |                    | 458       |           |                    | 7         |
| 8                                                                                                                                                             |                    | 389       |           |                    | 8         |
| 9                                                                                                                                                             |                    | 338       |           |                    | 9         |
| 10                                                                                                                                                            |                    | 297       |           |                    | 10        |
| 11                                                                                                                                                            |                    | 265       | 134       |                    | 11        |
| 12                                                                                                                                                            |                    | 239       | 130       |                    | 12        |
| 14                                                                                                                                                            |                    | 198       | 121       |                    | 14        |
| 16                                                                                                                                                            |                    | 163       | 112       |                    | 16        |
| 18                                                                                                                                                            |                    | 135       | 106       |                    | 18        |
| 20                                                                                                                                                            |                    | 115       | 100       |                    | 20        |
| 22                                                                                                                                                            |                    | 98.8      | 95.2      |                    | 22        |
| 24                                                                                                                                                            |                    | 85.9      | 90.8      |                    | 24        |
| 26                                                                                                                                                            |                    | 75.3      | 86.4      |                    | 26        |
| 28                                                                                                                                                            |                    | 66.5      | 80.1      |                    | 28        |
| 30                                                                                                                                                            |                    | 59.0      | 72.4      |                    | 30        |
| 32                                                                                                                                                            |                    | 52.5      | 65.8      |                    | 32        |
| 34                                                                                                                                                            |                    |           | 60.1      |                    |           |
| 36                                                                                                                                                            |                    |           | 55.1      |                    |           |
| 38                                                                                                                                                            |                    |           | 50.6      |                    |           |
| 40                                                                                                                                                            |                    |           | 46.7      |                    |           |
| 44                                                                                                                                                            |                    |           | 39.8      |                    |           |



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