

# SAC6000

SANY All Terrain Crane  
600 Tons Lifting Capacity



Max. Lifting Capacity: 600 t  
Max. Boom Length: 90 m  
Max. Lifting Height: 136 m

## Excellent and stable chassis performance

The use of innovative 8-axle chassis design with six driving modes and four braking modes, providing more reliable traveling performance. High stability and safety are guaranteed with tipping over early-warning technology.

## Ultra long Boom for Wide Working Radius

- ▣ The Max. length of boom and tower jib is 90m respectively, which ensures Max. lifting height with tower jib up to 136m. Fixed jib is 42m and are equipped with 0°~40° infinitely automatically variable luffing , ensuring conveniently switching over between all operating conditions with high efficiency.



## Highly efficient, energy-saving and unique hydraulic control technology

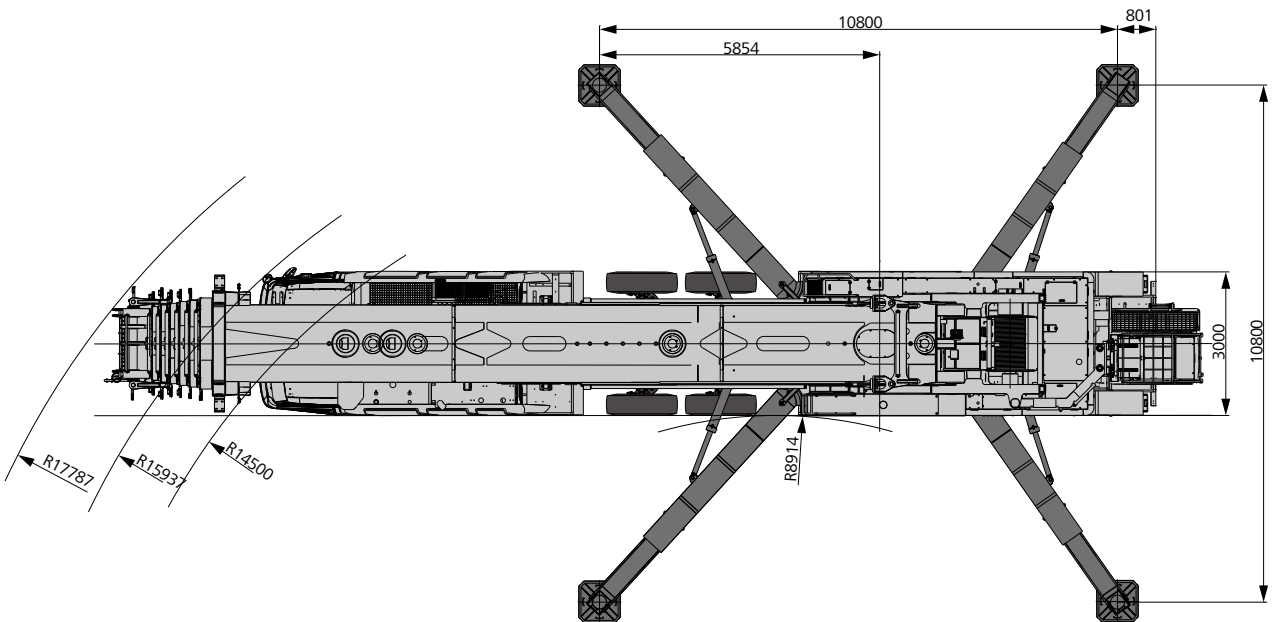
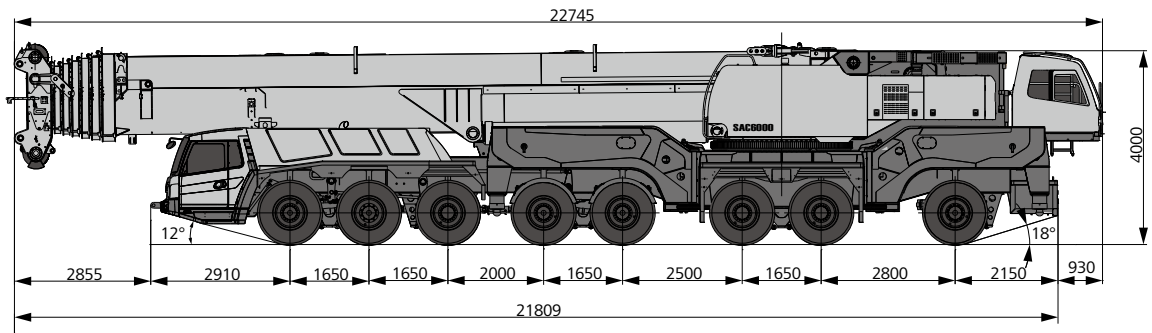
- Self-developed dual-pump converging / diversion main valve is used. Converging flow of the single-action dual-pump ensures fast operation and high work efficiency, combined-action dual-pump diversion system is applied to ensure stable controllability. Electric proportional variable displacement piston pump is used to ensure high-accurate flow control with higher efficiency and energy saving.

## Safe, stable, advanced, and intelligent electronic control technology

- The adoption of internationally advanced distributed integration bus data communication network and the configuration of abundant sensing elements can achieve timely feedback of data information and monitor the overall working status in real-time. The human-computer interaction interface is used to meet with customer's individual requirements.



# Overall Dimensions



## Technical Parameters

| Type                                      | Item   | Parameter                       |             |
|---|--|---------------------------------|-------------|
| Capacity                                  | Max. lifting capacity                                      | 600 t                           |             |
| Dimensions                                | Overall length   | 22745mm                         |             |
|   | Overall width  | 3000mm                          |             |
|   | Overall height   | 4000mm                          |             |
|   | Axle distance  | Axle-1,2                        | 1650mm      |
|   |  | Axle-2,3                        | 1650mm      |
|   |  | Axle-3,4                        | 2000mm      |
|   |  | Axle-4,5                        | 1650mm      |
| Axle-5,6                                  |  | 2500mm                          |             |
| Axle-6,7                                  |  | 1650mm                          |             |
| Weight                                    | Weight of travelling mode*                                 | 96000kg                         |             |
|   | Axle load  | Axle load-1,2,3,4               | 12000kg     |
|   |  | Axle load-5,6,7,8               | 12000kg     |
| Engine                                    | Rated power (under carriage)                               | 480kW / 1800rpm                 |             |
|   | Rated torque (under carriage)                              | 3000N.m / 1300rpm               |             |
|   | Rated power (super structure)                              | 205kW / 2200rpm                 |             |
|   | Rated torque (super structure)                             | 1100N.m / 1400rpm               |             |
| Traveling                                 | Max.traveling speed  | 75km/h                          |             |
|   | Turning radius   | Min.turning radius              | 14.5m       |
|   |  | Min.turning radius of boom head | 17.8m       |
|   | Wheel formula  | 16 × 8                          |             |
|   | Min.ground clearance                                       | 310mm                           |             |
|   | Approach angle   | 12 °                            |             |
|   | Departure angle  | 18 °                            |             |
|   | Max.gradeability   | 37.4%                           |             |
|   | Fuel consumption per 100km                                 | ≤ 125L                          |             |
| Main Performance Data                     | Temperature range  | - 20 ° ~ + 50 °                 |             |
|   | Min.rated range  | 3 m                             |             |
|   | Tail slewing radius of swingtable                          | 6950 mm                         |             |
|   | Boom section   | 7                               |             |
|   | Boom shape   | U-shaped                        |             |
|   | Max.lifting moment   | Base boom                       | 18228 kN·m  |
|   |  | Full-extend boom                | 11900 kN·m  |
|   |  | Full-extend boom+jib            | 4025 kN·m   |
|   |  | Full-extend boom+lattice jib    | 6420 kN·m   |
|   | Boom length  | Base boom                       | 17.1 m      |
|   |  | Full-extend boom                | 90 m        |
|   |  | Full-extend boom+jib            | 128 m       |
|   |  | Full-extend boom+lattice jib    | (50.6+90) m |
| Outrigger span (Longitudinal×Transversal) | 10.8 × 10.8 m  |                                 |             |
| Jib offset                                | 0 °—40°  |                                 |             |
| Working speed                             | Max.single rope lifting speed of main winch (no load)      | 130 m/min                       |             |
|   | Max.single rope lifting speed of auxiliary winch (no load) | 130 m/min                       |             |
|   | Full extension/retraction time of boom                     | 1200 / 1200 s                   |             |
|   | Full lifting/descending time of boom                       | 75 / 80 s                       |             |
|   | Slewing speed  | 0.9 r/min                       |             |
| Air condition                             | Superstructure   | Cooling / Heating               |             |
|   | Chassis  | Cooling / Heating               |             |

Notes: weight of travelling mode means that the weight without boom of 3,4,5,6,7 section and two rear outriggers.

## Technical Parameters



### Axle load

| Axle          | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | Overall mass |
|---------------|----|----|----|----|----|----|----|----|--------------|
| Axle load / t | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 96           |
| Remarks       | -  |    |    |    |    |    |    |    |              |



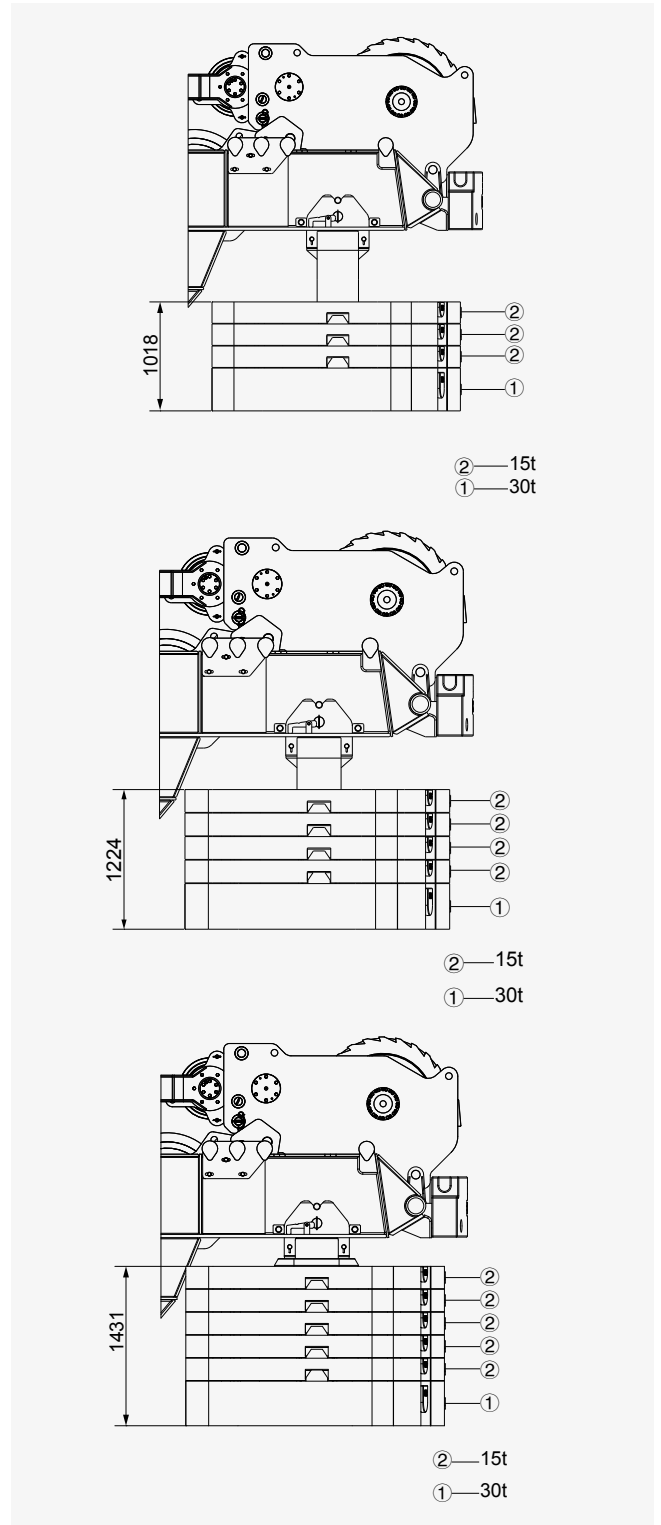
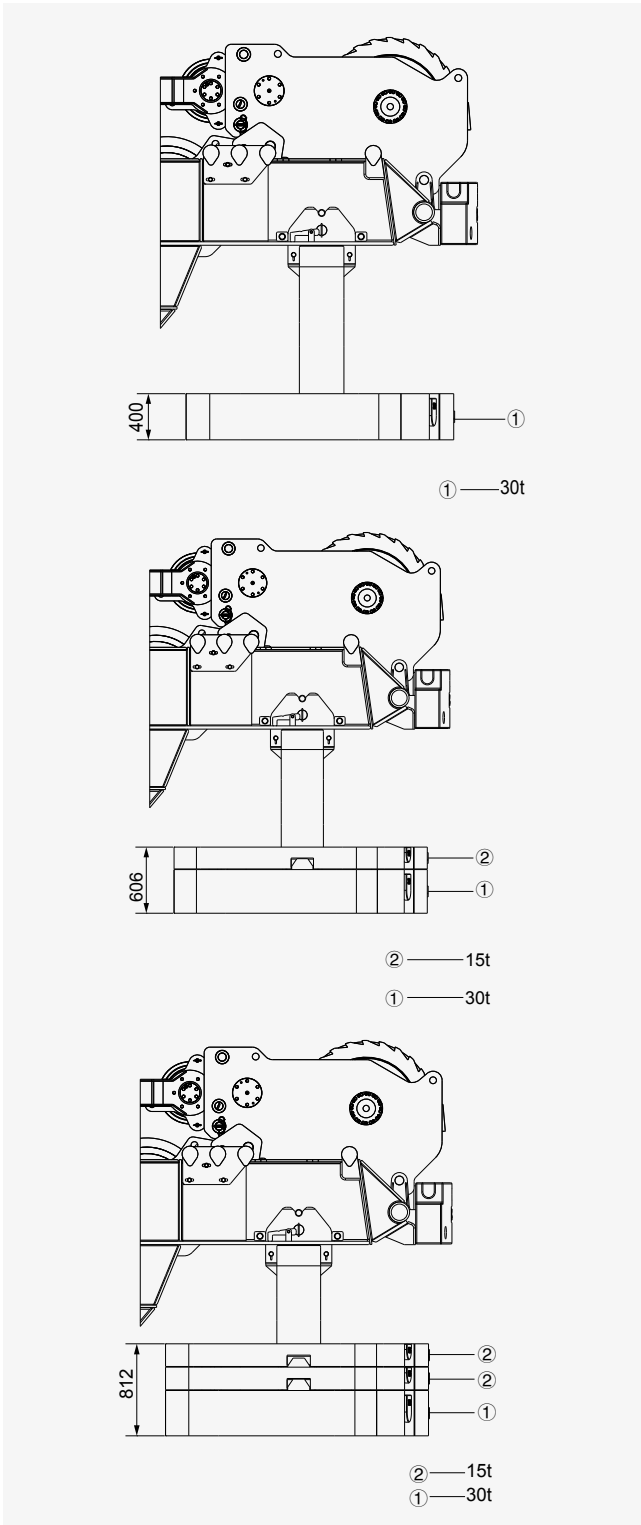
### Hook and multiplying power

| Rated load/t | Pulleys | Number of parts of line | Hook weight/kg |
|--------------|---------|-------------------------|----------------|
| 250          | 11      | 23                      | 4200           |
| 160          | 7       | 15                      | 3900           |
| 80           | 3       | 7                       | 2700           |
| 13.5         | 0       | 1                       | 700            |

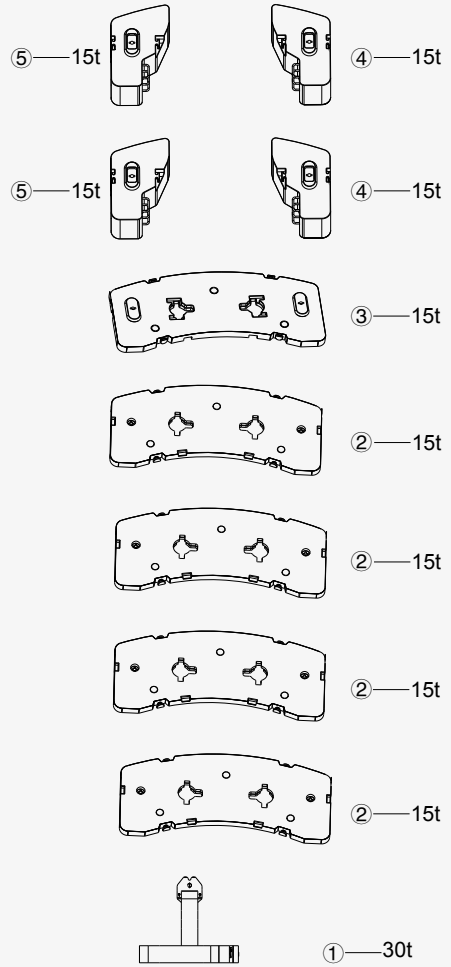
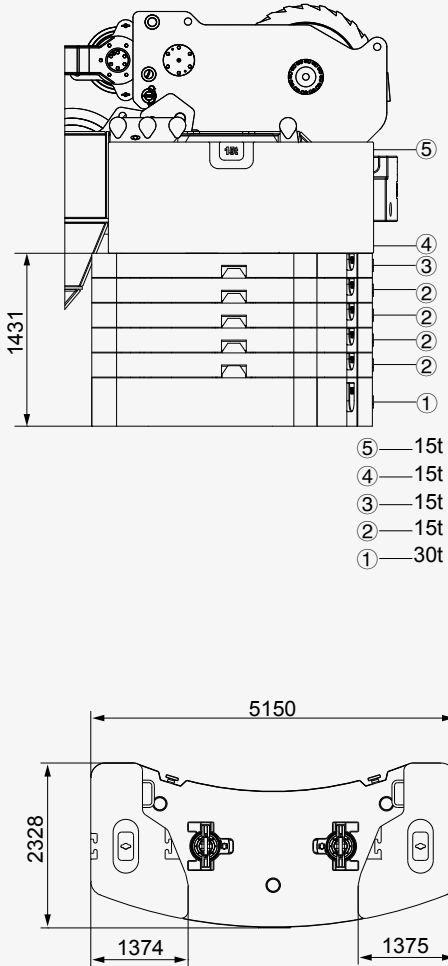
## Crane Introduction

| No | Name                     | Manufacture |
|----|--------------------------|-------------|
| 1  | Chassis Engine           | Benz        |
| 2  | Superstructure engine    | Benz        |
| 3  | Axle 1                   | KESSLER     |
| 4  | Axle 2                   | KESSLER     |
| 5  | Axle 3                   | KESSLER     |
| 6  | Axle 4                   | KESSLER     |
| 7  | Axle 5                   | KESSLER     |
| 8  | Axle 6                   | KESSLER     |
| 9  | Axle 7                   | KESSLER     |
| 10 | Axle 8                   | KESSLER     |
| 11 | Transmission             | ZF          |
| 12 | Transfer case            | KESSLER     |
| 13 | Main lifting piston pump | Rexroth     |
| 14 | Luffing piston pump      | Rexroth     |
| 15 | Telescoping piston pump  | Rexroth     |
| 16 | Telesoping balance valve | WESSEL      |

# Technical Parameters



# Technical Parameters



## Crane Introduction

### Cab

- It is made of safety glass and anti-corrosion steel plate with ergonomic design such as full-coverage soften interior, panoramic sunroof and adjustable seats etc. humanized design, providing more comfortable and relaxing operation experience. The display of load moment limiter integrates main console and operation display system, which clearly show the data of all operating superstructure conditions for lifting operation.

### Engine

- Type: Inline six-cylinder, water cooled, supercharged and inter-cooling diesel engine
- Rated power: 205kw/2200r/min
- Environment-protection: Emission complies with EuroII standard
- Capacity of fuel tank: 400L

### Hydraulic system

- The adoption of high-quality hydraulic components ensures high reliability and long service life. Accurate parameter matching provides more excellent operation performance.
- The electric proportional variable displacement piston pump is used to adjust the pump displacement in real-time through changing the opening of the electrical control handle, thus achieving high-precision flow control with no-loss of energy during operation.
- Self-developed dual-pump converging / diversion main valve is used with multiple pressure selection function to satisfy the pressure demands of different working conditions, ensuring stable overall crane action and reducing energy consumption.
- Main winch adopts the closed winch system with high working efficiency and low energy cost, ensuring excellent micro-mobility and stability of winch. It is equipped with four level protection system, making winch system more secure and reliable.
- The use of dead-weight luffing compensation hydraulic system ensures excellent lowering micro-mobility and stability.
- The unique single-cylinder pin locking telescopic boom technology is adopted, providing higher reliability with cylinder boom pin interlock combining mechanic, electric and hydraulic triple protections, ensuring high reliability.
- The closed system is used by slewing system to avoid the energy-saving cost of the open system, ensuring higher efficiency. The system has load sensitive features, low speed travelling under heavy load and high speed travelling under light load and high action efficiency functions. Emergency brake and slow brake can be achieved through electric proportion pressure reduce valve, which makes movement more stable and efficient.

### Luffing system

- The top double-cylinder luffing is applied with luffing angle ranging from  $-0.5^{\circ}$ ~ $86^{\circ}$ . Hydraulic system adopts the dual-pump converging open hydraulic circuit and combine electro proportional control, power lowering with self-weight luffing, achieving large-angle fast lowering and small-angle stable and slow lowering operations.

### Telescopic boom

- It consists of seven section booms welded with bended fine-grain high-strength steel plate, with oval section applied to ensure good buckling resistance performance, with single-cylinder automatic pin system, a dual-action cylinder can control telescopic operation of all booms and achieve a variety of boom combinations.
- Standard configuration of boom end pulley is 13 pulleys.
- The boom length is 90m.

### Lattice jibs

- There are fixed jib and tower jib. The adaptor, jib head, and 6m and 12m large (small) sectional standard sections are shared by fixed jib and tower jib. 12m~42m boom combination can be achieved for fixed jib. The application of  $0^{\circ}$ ~ $40^{\circ}$  infinitely luffing jib improves automation level and working efficiency through changing the angle according to the actual demands of the operating condition. With tower jib equipped with 24m~90m jib combination, thus greatly improving lifting capacity and operating height.
- Equipped with 6m special jib for wind turbine installation, featuring good adaptability to wind turbine working conditions and strong lifting capacity.

### Superlift devices

- The stress applied on the lifting boom can be reduced to avoid side bending and to reduce down-warping deformation. Therefore, under long boom state, deflection can be reduced and the lifting capacity can be improved.

### Slewing system

- It consists of constant displacement motor and slewing reducer with mature technology.  $360^{\circ}$  rotation can be achieved through external gearing with slewing ring. With slewing speed of 0-0.9rpm and with infinitely variable speed adjustment. Slewing hydraulic system adopts the closed system, which not only avoids throttling loss of the open system but also ensures a high efficiency. Emergency brake can be achieved through electric proportional brake pedal.

## Crane Introduction



### Control system

- The PLC integrated programmable controller and CAN-bus control network are used to achieve logic control and electric proportional control of the system by combining with the common electricity.
- With real-time monitoring and fault self-diagnosis system except for normal control function.
- Lifting, slewing and luffing can be controlled by electrical proportion of lifting, Lifting and lowering of counterweight, shifting of cab and locking of rotating bed can be controlled through the keys on the control panel.
- Display can be connected with the controller via CAN-bus with main functions as follows: digital adjustment and display of the electric proportional control parameters, display of fault code of the electric proportional system and real-time data display by the hydraulic system.



### Main hoisting system

- Planet-gear speed reducer and special groove winch drum are driven by hydraulic motor with brake installed internally.
- Wire rope lock: High-quality wire rope lock with casting at ends is applied. It is installed in the lock sleeve directly, which improves the replacement speed of the lifting rate.
- Spec. of wire rope:  $\phi$  25, non-rotating.
- Length: About 760m.
- Max. single rope speed (outer layer): about 130m/min.



### Tower boom winch mechanism

- Planet-gear speed reducer and special groove winch drum are driven by hydraulic motor with brake installed internally. Anti-winding wire rope is used. Separate rotation can be achieved together with the auxiliary hoisting system.
- Spec. of wire rope:  $\phi$  25, non-rotating.
- Length: About 1100m.
- Max. single rope speed (outer layer): about 130m/min.



### Safety system

- Load moment limiter: With analytical mechanics method, the load moment limiter calculation system is established based on the load mechanical model. The rated hoisting accurate can be up to  $\pm 3\%$  through on-line non-load calibration.
- Hydraulic system is configured with the balance valve, overflow valve, and two-way hydraulic lock etc., ensuring stable and reliable operation of the hydraulic system;
- Main and auxiliary winches are configured with 3-wraps protectors to prevent over roll-out of wire rope.
- Boom and jib are configured with height limiters at ends to prevent over-hoist of the wire rope.
- Boom head is equipped with anemometer to detect whether the high-altitude wind speed is within the allowable range.
- With superlift rope rewinding and release pull protection procedure and tower (jib) boom installation and lifting load protection procedure.



### Counterweight

- Combined variable counterweights are used with 0t, 30t, 45t, 60t, 75t, 90t, 105t, 135t, 165t nine combinations to meet requirements of different operating conditions and maximize structural parts performance, which can be self-assembled and disassembled.

## Crane Introduction

### Operating cab

- Cab is made of new steel structure self-developed by SANY, featuring excellent shock absorption and tightness, It is configured with swing-out doors at both sides, pneumatically suspended driver's seat and passenger's seat, adjustable steering wheel, large rearview mirror, comfortable driver's chair with a headrest, anti-fog fan, air conditioner, stereo radio and complete control instruments and meters, providing more comfortable and safe operation experience.

### Carrier frame

- Designed and manufactured by SANY, anti-torsion box structure is welded by fine-grain high-strength steel plate to provide strong load bearing capacity.

### Axles

- Full-axle steering is applied with axles 1, 2, 4 and 5 used for drive operation, axles 1, 2, 3 and 4 adopt the bar-feedback hydraulic power steering systems and axles 5,6,7 and 8 adopt the electrohydraulic control steering system with assist in speed control and special steering mode optional applied, thus ensuring easy steering and flexible operation.

### Engine

- Type: Electric controlled, V- type eight-cylinder, water cooled, supercharged and inter-cooling diesel engine.
- Rated power: 480kw/1800r/min.
- Max torque:3000Nm/1300rpm.
- Environment-protection: Emission complies with EuroIV standard.
- Capacity of fuel tank: 550L.

### Transmission system

- Gearbox: Manual /Automatic gearbox is adopted with 12-gear and large speed ratio range applied, which meets the requirements of low gradeability speed and high speed traveling.
- Transfer case: Transfer case with a large input torque is used with rated torque up to 30000N.m and with differential lock cylinder configured.
- Transmission shaft: With optimized arrangement of the transmission shaft, the transmission is more stable and reliable. For most optimized transmission, face-tooth coupling transmission shaft is used with large transmission torque.

### Tyres

- 12\*—16.00R25.

### Brakes system

- To ensure its reliability and security of brake system, it consists of 4 independent types of brake systems.
- Traveling brake: All wheels use dual-circuit pressure brakes
- Parking brake: Spring accumulator is used for cutting-off brake;
- Emergency brake: Spring accumulator is used not only for cutting-off brake but also for emergency brake;
- Slow brake: Engine is equipped with dual brake and transmission equipped with hydrodynamic retarder brake, five-bridge eddy-current retarder brake.

### Suspension system

- Axle suspension devices adopt the height-adjustable oil-gas suspension devices equipping with the hydraulic lock with stroke of suspension cylinder of +160/-130mm to achieve suspension, rigid locking, automatic leveling, overall lifting and lowering, single-point lifting and lowering modes. Load applied on each axle is no more than 12t. With good trafficability and adaptability of a variety of severe operating conditions and road, smooth and comfortable travelling and side stability of the vehicle are guaranteed.

### Steering system

- Servo power steering gear and dual-circuit system hydraulic steering device are used with emergency steering pump equipped.
- Six types steering modes: 1) Road running mode (default mode). 2) Full-wheel steering mode. 3) Crab-type mode. 4) Steering mode without deflection. 5) Independent rear-axle steering mode. 6) Steering mode with rear axle locked.

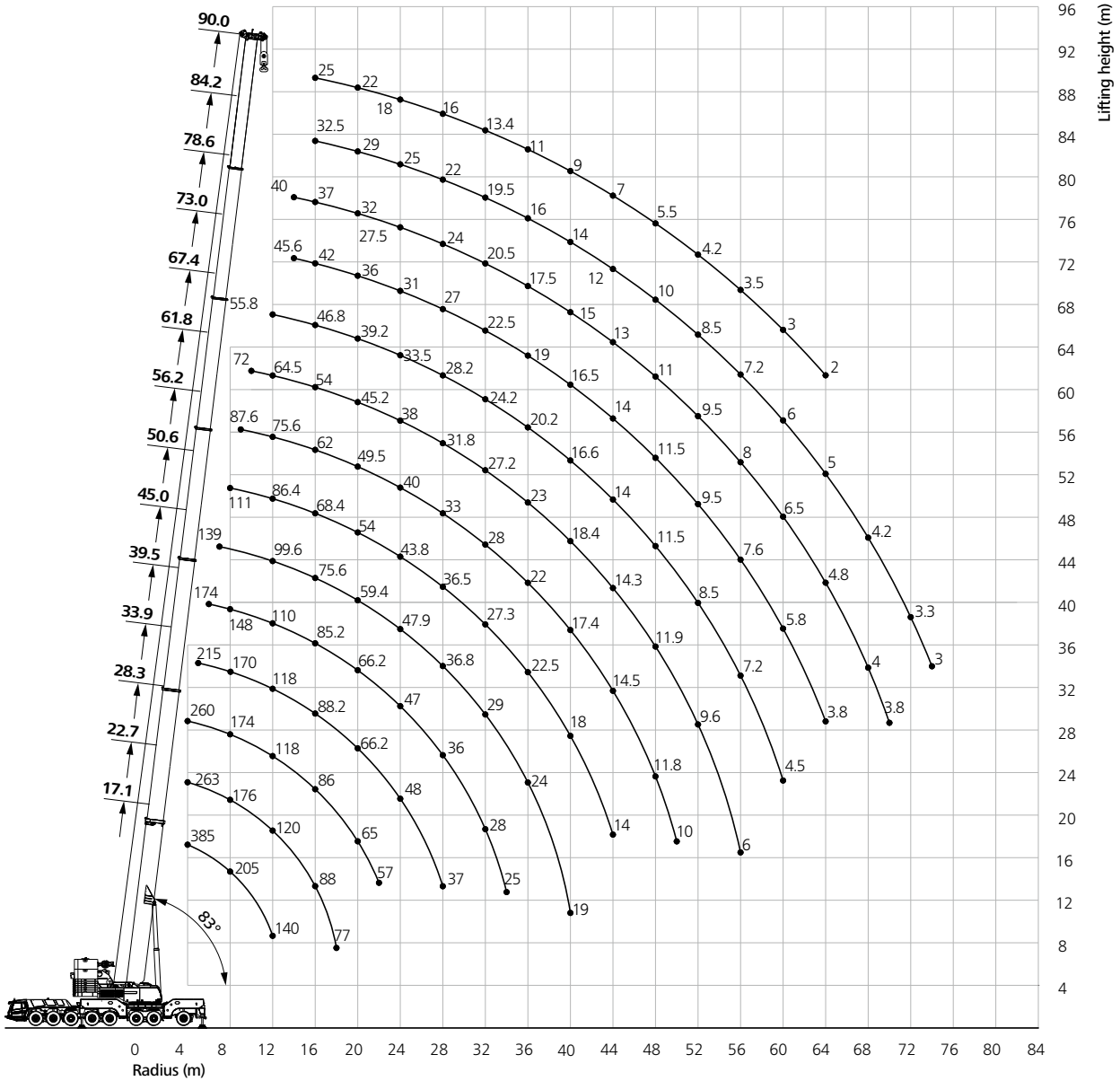
### Outriggers

- Four-point supporting of the X-shaped outriggers ensures easy operation and strong stability with Max. span up to 10.8m×10.8m. Outrigger telescopic hydraulic system adopts the electro proportional control technology with wireless remote control configured. Outrigger control panel can display all loads with automatic level function to ensure high control precision and simple operation.

### Electrical system

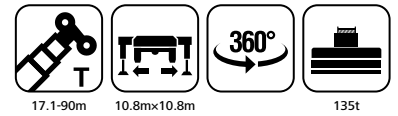
- With 24V DC power supply, cutting off power of the undercarriage can be achieved. Automotive lighting system is equipped. Vehicle actions such as throttle and outrigger control can be electrically controlled. Electrical system has strong detection, logic, and calculation capacity with fault self-diagnosis, centralized display and self-protection function.
- Chassis adopts CAN-bus system; multifunctional centralized display system is used. Power consumption is small with maximum value of only 5w. Four functional keys are provided on the user interface.LCD display is used, with adjustable contrast ratio.

# Boom Operating Range



# Load Chart - Telescopic Boom

Unit: t

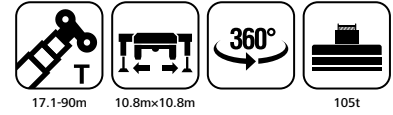


| Radius (m) | 17.1* | 22.7 | 28.3   | 33.9  | 39.5  | 45    | 50.6 | 56.2 | 61.8 | 67.4 | 73   | 78.6 | 84.2 | 90   | Radius (m) |    |
|------------|-------|------|--------|-------|-------|-------|------|------|------|------|------|------|------|------|------------|----|
| 3          | 600   |      |        |       |       |       |      |      |      |      |      |      |      |      | 3          |    |
| 3.5        | 440   | 263  |        |       |       |       |      |      |      |      |      |      |      |      | 3.5        |    |
| 4          | 385   | 263  | 260.4  |       |       |       |      |      |      |      |      |      |      |      | 4          |    |
| 4.5        | 292   | 262  | 250.95 |       |       |       |      |      |      |      |      |      |      |      | 4.5        |    |
| 5          | 288   | 246  | 235    | 219.6 |       |       |      |      |      |      |      |      |      |      | 5          |    |
| 6          | 250   | 220  | 212    | 201.6 | 174   |       |      |      |      |      |      |      |      |      | 6          |    |
| 7          | 225   | 196  | 194    | 187.2 | 159.6 | 139.2 |      |      |      |      |      |      |      |      | 7          |    |
| 8          | 205   | 176  | 174    | 169.8 | 147.6 | 128.4 | 112  |      |      |      |      |      |      |      | 8          |    |
| 9          | 190   | 159  | 157    | 154   | 136.8 | 120   | 105  | 87.6 |      |      |      |      |      |      | 9          |    |
| 10         | 186   | 144  | 142    | 140.4 | 127.2 | 112.8 | 98   | 82.8 | 72   |      |      |      |      |      | 10         |    |
| 12         | 140   | 120  | 118    | 118.5 | 110.4 | 99.6  | 87   | 75.6 | 64.5 | 55.8 | 49   |      |      |      | 12         |    |
| 14         | 105   | 103  | 101    | 101.7 | 96    | 87.6  | 76   | 68.4 | 59   | 51.6 | 45.6 | 40   |      |      | 14         |    |
| 16         |       | 88   | 86     | 88.2  | 85.2  | 75.6  | 68.4 | 62   | 54   | 46.8 | 42   | 37   | 32.5 | 25   | 16         |    |
| 18         |       | 77   | 75     | 77.2  | 77.2  | 66    | 60   | 55   | 49.5 | 43   | 39   | 34.5 | 30.5 | 23   | 18         |    |
| 20         |       | 66   | 65     | 66.2  | 66.2  | 59.4  | 54   | 49.5 | 45.2 | 39.2 | 36   | 32   | 29   | 21.5 | 20         |    |
| 22         |       |      | 57     | 55.5  | 55.5  | 54    | 48   | 45   | 41.5 | 36.2 | 33   | 29.5 | 27   | 20   | 22         |    |
| 24         |       |      | 51     | 48    | 47    | 47.9  | 43.8 | 40   | 38   | 33.5 | 31   | 27.5 | 25   | 18   | 24         |    |
| 26         |       |      |        | 42    | 40    | 42    | 40.8 | 36   | 34.2 | 30.8 | 28.5 | 25.5 | 23.5 | 17   | 26         |    |
| 28         |       |      |        | 37    | 36    | 36.8  | 37.8 | 33   | 31.8 | 28.2 | 27   | 24   | 22   | 16   | 28         |    |
| 30         |       |      |        | 32    | 32    | 31.8  | 34.5 | 30.8 | 29.2 | 26   | 24.5 | 22   | 20.5 | 14.5 | 30         |    |
| 32         |       |      |        |       | 28    | 29    | 31.6 | 28   | 27.2 | 24.2 | 22.5 | 20.5 | 19.5 | 13.4 | 32         |    |
| 34         |       |      |        |       | 25    | 26    | 28.4 | 25.3 | 25   | 22.2 | 21   | 19   | 17.5 | 12   | 34         |    |
| 36         |       |      |        |       |       | 24    | 26   | 22   | 23   | 20.2 | 19   | 17.5 | 16   | 11   | 36         |    |
| 38         |       |      |        |       |       | 21    | 23   | 19.1 | 20.9 | 18.4 | 18   | 16.5 | 15   | 10   | 38         |    |
| 40         |       |      |        |       |       | 19    | 20.6 | 17.4 | 18.4 | 16.6 | 16.5 | 15   | 14   | 9    | 40         |    |
| 42         |       |      |        |       |       |       | 18   | 15.9 | 16.1 | 15.2 | 15.2 | 14   | 13   | 8    | 42         |    |
| 44         |       |      |        |       |       |       | 15.8 | 14.5 | 14.3 | 14   | 14   | 13   | 12   | 7    | 44         |    |
| 46         |       |      |        |       |       |       |      |      | 13.2 | 13.1 | 13   | 12.8 | 12   | 11   | 6          | 46 |
| 48         |       |      |        |       |       |       |      |      | 11.8 | 11.9 | 11.5 | 11.5 | 11   | 10   | 5.5        | 48 |
| 50         |       |      |        |       |       |       |      |      | 10   | 10.8 | 10   | 10.2 | 10   | 9    | 5          | 50 |
| 52         |       |      |        |       |       |       |      |      |      | 9.6  | 8.5  | 9.5  | 9.5  | 8.5  | 4.2        | 52 |
| 54         |       |      |        |       |       |       |      |      |      | 8.5  | 7.8  | 8.8  | 9    | 8    | 3.8        | 54 |
| 56         |       |      |        |       |       |       |      |      |      | 6    | 7.2  | 7.6  | 8    | 7.2  | 3.5        | 56 |
| 58         |       |      |        |       |       |       |      |      |      |      | 6.6  | 6.5  | 7.5  | 6.8  | 3.2        | 58 |
| 60         |       |      |        |       |       |       |      |      |      |      |      | 5.8  | 6.5  | 6    | 3          | 60 |
| 62         |       |      |        |       |       |       |      |      |      |      |      |      | 5.3  | 5.5  | 2.5        | 62 |
| 64         |       |      |        |       |       |       |      |      |      |      |      |      |      | 4.8  | 2          | 64 |
| 66         |       |      |        |       |       |       |      |      |      |      |      |      |      | 4.5  | 4.5        | 66 |
| 68         |       |      |        |       |       |       |      |      |      |      |      |      |      | 4    | 4.2        | 68 |
| 70         |       |      |        |       |       |       |      |      |      |      |      |      |      | 3.8  | 3.8        | 70 |
| 72         |       |      |        |       |       |       |      |      |      |      |      |      |      |      | 3.3        | 72 |
| 74         |       |      |        |       |       |       |      |      |      |      |      |      |      |      | 3          | 74 |

Notes: The item with \* should be operated at rear side with additional equipment.

# Load Chart - Telescopic Boom

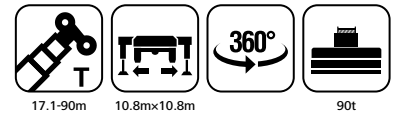
Unit: t



| Radius (m) | 17.1 | 22.7 | 28.3   | 33.9  | 39.5  | 45    | 50.6 | 56.2 | 61.8 | 67.4 | 73   | 78.6 | 84.2 | 90   | Radius (m) |
|------------|------|------|--------|-------|-------|-------|------|------|------|------|------|------|------|------|------------|
| 3          | 263  |      |        |       |       |       |      |      |      |      |      |      |      |      | 3          |
| 3.5        | 263  | 263  |        |       |       |       |      |      |      |      |      |      |      |      | 3.5        |
| 4          | 263  | 263  | 260.4  |       |       |       |      |      |      |      |      |      |      |      | 4          |
| 4.5        | 256  | 262  | 245    |       |       |       |      |      |      |      |      |      |      |      | 4.5        |
| 5          | 240  | 241  | 240.45 | 212   |       |       |      |      |      |      |      |      |      |      | 5          |
| 6          | 216  | 218  | 218.4  | 200.4 | 174   |       |      |      |      |      |      |      |      |      | 6          |
| 7          | 191  | 188  | 199.5  | 187.2 | 159.6 | 139.2 |      |      |      |      |      |      |      |      | 7          |
| 8          | 170  | 168  | 170    | 169.8 | 147.6 | 128.4 | 112  |      |      |      |      |      |      |      | 8          |
| 9          | 154  | 150  | 155    | 154   | 136.8 | 120   | 105  | 87.6 |      |      |      |      |      |      | 9          |
| 10         | 140  | 135  | 143    | 140.4 | 127.2 | 112.8 | 98   | 82.8 | 72   |      |      |      |      |      | 10         |
| 12         | 114  | 112  | 120    | 118.5 | 110.4 | 99.6  | 87   | 75.6 | 64.5 | 55.8 | 49   |      |      |      | 12         |
| 14         | 95   | 93   | 96     | 101.7 | 96    | 87.6  | 76   | 68.4 | 59   | 51.6 | 45.6 | 40   |      |      | 14         |
| 16         |      | 79   | 82     | 88    | 85.2  | 75.6  | 68.4 | 62   | 54   | 46.8 | 42   | 37   | 32.5 | 25   | 16         |
| 18         |      | 70.8 | 72     | 75    | 70    | 66    | 60   | 55   | 49.5 | 43   | 39   | 34.5 | 30.5 | 23   | 18         |
| 20         |      | 66   | 61     | 63.9  | 62.4  | 58    | 54   | 49.5 | 45.2 | 39.2 | 36   | 32   | 29   | 21   | 20         |
| 22         |      |      | 50     | 53.5  | 52.1  | 50    | 48   | 45   | 41.5 | 36.2 | 33   | 29.5 | 27   | 20   | 22         |
| 24         |      |      | 41     | 45.2  | 43.8  | 44    | 43.8 | 40   | 38   | 33.5 | 31   | 27.5 | 25   | 18   | 24         |
| 26         |      |      |        | 38.4  | 37    | 39.4  | 38.8 | 36   | 34.2 | 30.8 | 28.5 | 25.5 | 23.5 | 17   | 26         |
| 28         |      |      |        | 32.7  | 31.4  | 33.7  | 34   | 32   | 31.8 | 28.2 | 27   | 24   | 22   | 16   | 28         |
| 30         |      |      |        | 28    | 26.6  | 28.9  | 30   | 29.3 | 29.2 | 26   | 24.5 | 22   | 20.5 | 14.5 | 30         |
| 32         |      |      |        |       | 22.8  | 24.8  | 26.5 | 25.2 | 25   | 24.2 | 22.5 | 20.5 | 19.5 | 13.4 | 32         |
| 34         |      |      |        |       | 20    | 21.7  | 23.5 | 21.6 | 23.4 | 22.2 | 21   | 19   | 17.5 | 12   | 34         |
| 36         |      |      |        |       |       | 19    | 20.8 | 18.6 | 20.2 | 18   | 19   | 17.5 | 16   | 11   | 36         |
| 38         |      |      |        |       |       | 17    | 18.5 | 16.4 | 17.5 | 17   | 18   | 16.5 | 15   | 10   | 38         |
| 40         |      |      |        |       |       | 15    | 16.4 | 15.2 | 15.3 | 15.9 | 16.5 | 15   | 14   | 9    | 40         |
| 42         |      |      |        |       |       |       | 14.6 | 14   | 13.5 | 13.7 | 14   | 14   | 13   | 8    | 42         |
| 44         |      |      |        |       |       |       | 12.9 | 13   | 12.2 | 12.1 | 13   | 13   | 12   | 7    | 44         |
| 46         |      |      |        |       |       |       | 11   | 12   | 11   | 10.8 | 11.6 | 12.6 | 11   | 6    | 46         |
| 48         |      |      |        |       |       |       |      | 11   | 9.8  | 10   | 9.9  | 11   | 10   | 5.5  | 48         |
| 50         |      |      |        |       |       |       |      | 10   | 8.9  | 9.2  | 8.9  | 9.5  | 9    | 5    | 50         |
| 52         |      |      |        |       |       |       |      |      | 7.8  | 8.2  | 7.9  | 8.1  | 8.5  | 4.2  | 52         |
| 54         |      |      |        |       |       |       |      |      | 6.9  | 7.8  | 6.7  | 7.5  | 8    | 3.8  | 54         |
| 56         |      |      |        |       |       |       |      |      | 6    | 7.2  | 5.6  | 6.5  | 6.7  | 3.5  | 56         |
| 58         |      |      |        |       |       |       |      |      |      | 6.6  | 5    | 6.2  | 6.3  | 3.2  | 58         |
| 60         |      |      |        |       |       |       |      |      |      |      | 4.5  | 5.5  | 5.2  | 2.8  | 60         |
| 62         |      |      |        |       |       |       |      |      |      |      |      | 4    | 4.6  | 2.5  | 62         |
| 64         |      |      |        |       |       |       |      |      |      |      |      |      | 4    | 2    | 64         |
| 66         |      |      |        |       |       |       |      |      |      |      |      |      |      |      | 66         |

# Load Chart - Telescopic Boom

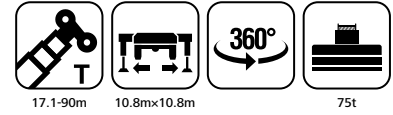
Unit: t



| Radius (m) | 17.1 | 22.7 | 28.3  | 33.9  | 39.5  | 45    | 50.6 | 56.2 | 61.8 | 67.4 | 73   | 78.6 | 84.2 | 90   | Radius (m) |
|------------|------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------------|
| 3          | 263  |      |       |       |       |       |      |      |      |      |      |      |      |      | 3          |
| 3.5        | 263  | 263  |       |       |       |       |      |      |      |      |      |      |      |      | 3.5        |
| 4          | 263  | 263  | 230   |       |       |       |      |      |      |      |      |      |      |      | 4          |
| 4.5        | 256  | 262  | 230   |       |       |       |      |      |      |      |      |      |      |      | 4.5        |
| 5          | 240  | 241  | 223   | 219.6 |       |       |      |      |      |      |      |      |      |      | 5          |
| 6          | 216  | 218  | 218.4 | 201.6 | 174   |       |      |      |      |      |      |      |      |      | 6          |
| 7          | 191  | 188  | 199.5 | 187.2 | 159.6 | 139.2 |      |      |      |      |      |      |      |      | 7          |
| 8          | 170  | 168  | 170   | 171.6 | 147.6 | 128.4 | 112  |      |      |      |      |      |      |      | 8          |
| 9          | 154  | 150  | 155   | 158.4 | 136.8 | 120   | 105  | 87.6 |      |      |      |      |      |      | 9          |
| 10         | 136  | 135  | 143   | 146.4 | 127.2 | 112.8 | 98   | 82.8 | 72   |      |      |      |      |      | 10         |
| 12         | 108  | 112  | 120   | 115   | 110.4 | 99.6  | 87   | 75.6 | 64.5 | 55.8 | 49   |      |      |      | 12         |
| 14         | 90   | 93   | 96    | 96    | 96    | 87.6  | 76   | 68.4 | 59   | 51.6 | 45.6 | 40   |      |      | 14         |
| 16         |      | 79   | 81.2  | 83    | 81.4  | 75.6  | 68.4 | 62   | 54   | 46.8 | 42   | 37   | 32.5 | 25   | 16         |
| 18         |      | 70.8 | 65.2  | 66.9  | 65.4  | 65.6  | 60   | 55   | 49.5 | 43   | 39   | 34.5 | 30.5 | 23   | 18         |
| 20         |      | 62.5 | 53.2  | 54.9  | 53.4  | 55.8  | 54   | 49.5 | 45.2 | 39.2 | 36   | 32   | 29   | 21.5 | 20         |
| 22         |      |      | 44.4  | 45.6  | 44.1  | 46.5  | 45.3 | 45   | 41.5 | 36.2 | 33   | 29.5 | 27   | 20   | 22         |
| 24         |      |      | 40.8  | 38    | 36.6  | 39    | 38.8 | 39.4 | 38   | 33.5 | 31   | 27.5 | 25   | 18   | 24         |
| 26         |      |      |       | 32.5  | 30.5  | 32.9  | 33.6 | 33.2 | 34.2 | 30.8 | 28.5 | 25.5 | 23.5 | 17   | 26         |
| 28         |      |      |       | 28.1  | 26.3  | 27.8  | 29.2 | 28.1 | 31.8 | 28.2 | 27   | 24   | 22   | 16   | 28         |
| 30         |      |      |       | 24.7  | 24    | 24.6  | 25.5 | 24.1 | 28.2 | 26   | 24.5 | 22   | 20.5 | 14.5 | 30         |
| 32         |      |      |       |       | 22.2  | 21.5  | 22.4 | 21   | 24.4 | 22.8 | 22.5 | 20.5 | 19.5 | 13.4 | 32         |
| 34         |      |      |       |       | 20    | 18.8  | 19.6 | 18.5 | 21.2 | 19.5 | 21   | 19   | 17.5 | 12   | 34         |
| 36         |      |      |       |       |       | 17.2  | 17.3 | 17.2 | 18.3 | 17.4 | 18.3 | 17.5 | 16   | 11   | 36         |
| 38         |      |      |       |       |       | 16    | 15.8 | 16.2 | 15.8 | 15.4 | 15.8 | 16.5 | 15   | 10   | 38         |
| 40         |      |      |       |       |       | 15    | 14   | 15.2 | 14.5 | 13.5 | 14   | 14.6 | 14   | 9    | 40         |
| 42         |      |      |       |       |       |       | 13   | 14   | 13.2 | 12   | 12.8 | 12.6 | 13   | 8    | 42         |
| 44         |      |      |       |       |       |       | 12   | 13   | 12.2 | 11.2 | 11.2 | 11   | 12   | 7    | 44         |
| 46         |      |      |       |       |       |       | 11   | 12   | 10.8 | 10.4 | 9.7  | 10.1 | 10.4 | 6    | 46         |
| 48         |      |      |       |       |       |       |      | 11   | 9.3  | 10   | 8.3  | 9.1  | 8.9  | 5.5  | 48         |
| 50         |      |      |       |       |       |       |      | 10   | 8    | 9.2  | 7.2  | 8.5  | 8.1  | 5    | 50         |
| 52         |      |      |       |       |       |       |      |      | 7.2  | 8.2  | 6.5  | 7.5  | 7.5  | 4.2  | 52         |
| 54         |      |      |       |       |       |       |      |      | 6.4  | 7.8  | 6    | 6.4  | 6.3  | 3.8  | 54         |
| 56         |      |      |       |       |       |       |      |      | 5.5  | 7.2  | 5.5  | 6    | 5.2  | 3.5  | 56         |
| 58         |      |      |       |       |       |       |      |      |      | 6.6  | 5    | 5.6  | 4.5  | 3.2  | 58         |
| 60         |      |      |       |       |       |       |      |      |      | 4    | 4.5  | 5.1  | 4    | 2.5  | 60         |
| 62         |      |      |       |       |       |       |      |      |      |      | 3.9  | 4.5  | 3    | 2.2  | 62         |
| 64         |      |      |       |       |       |       |      |      |      |      | 3.5  | 3    |      | 1.5  | 64         |
| 66         |      |      |       |       |       |       |      |      |      |      | 3.2  |      |      |      | 66         |

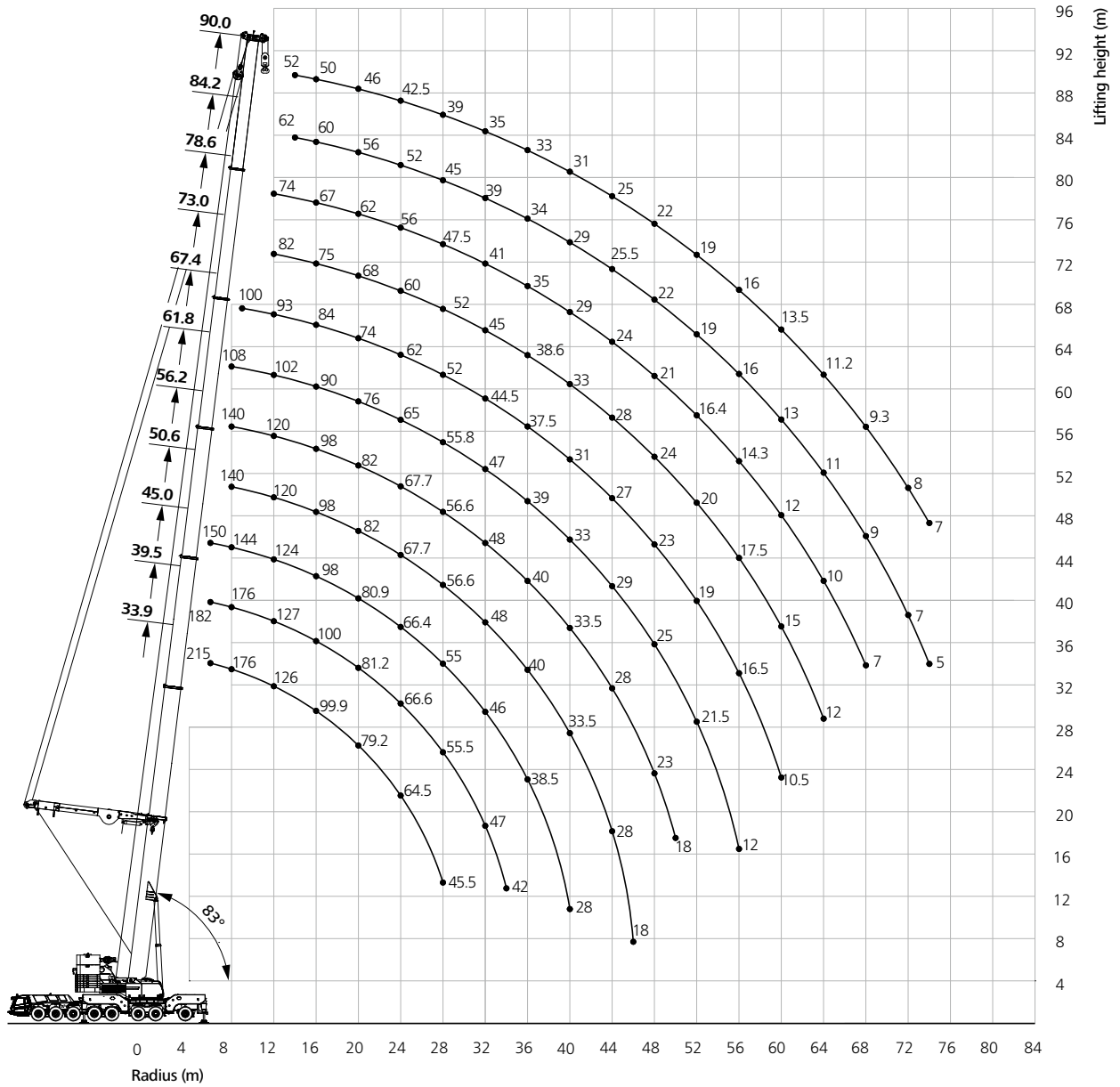
# Load Chart - Telescopic Boom

Unit: t



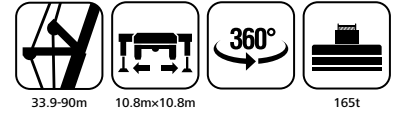
| Radius (m) | 17.1 | 22.7 | 28.3   | 33.9  | 39.5  | 45    | 50.6 | 56.2 | 61.8 | 67.4 | 73   | 78.6 | 84.2 | 90   | Radius (m) |
|------------|------|------|--------|-------|-------|-------|------|------|------|------|------|------|------|------|------------|
| 3          | 263  |      |        |       |       |       |      |      |      |      |      |      |      |      | 3          |
| 3.5        | 263  | 263  |        |       |       |       |      |      |      |      |      |      |      |      | 3.5        |
| 4          | 263  | 263  | 260.4  |       |       |       |      |      |      |      |      |      |      |      | 4          |
| 4.5        | 256  | 262  | 250.95 |       |       |       |      |      |      |      |      |      |      |      | 4.5        |
| 5          | 240  | 241  | 240.45 | 219.6 |       |       |      |      |      |      |      |      |      |      | 5          |
| 6          | 218  | 216  | 218.4  | 200.4 | 174   |       |      |      |      |      |      |      |      |      | 6          |
| 7          | 186  | 196  | 199.5  | 187.2 | 159.6 | 139.2 |      |      |      |      |      |      |      |      | 7          |
| 8          | 160  | 179  | 178.5  | 169.8 | 147.6 | 128.4 | 112  |      |      |      |      |      |      |      | 8          |
| 9          | 142  | 158  | 160    | 154   | 136.8 | 120   | 105  | 87.6 |      |      |      |      |      |      | 9          |
| 10         | 130  | 140  | 140    | 140.4 | 127.2 | 112.8 | 98   | 82.8 | 72   |      |      |      |      |      | 10         |
| 12         | 102  | 104  | 110    | 112   | 110.4 | 99.6  | 87   | 75.6 | 64.5 | 55.8 | 49   |      |      |      | 12         |
| 14         | 86   | 85   | 89.2   | 91.1  | 89.4  | 87.6  | 76   | 68.4 | 59   | 51.6 | 45.6 | 40   |      |      | 14         |
| 16         |      | 76.8 | 69.3   | 71    | 69.5  | 69.6  | 68.4 | 62   | 54   | 46.8 | 42   | 37   | 32.5 | 25   | 16         |
| 18         |      | 64.6 | 55     | 56.7  | 55.2  | 57.7  | 56.4 | 55   | 49.5 | 43   | 39   | 34.5 | 30.5 | 23   | 18         |
| 20         |      | 53.6 | 48     | 46    | 44.5  | 47    | 46   | 47.3 | 45.2 | 39.2 | 36   | 32   | 29   | 21.5 | 20         |
| 22         |      |      | 44.4   | 38.5  | 37    | 39    | 38.8 | 38.9 | 41.5 | 36.2 | 33   | 29.5 | 27   | 20   | 22         |
| 24         |      |      | 40.8   | 33    | 31.5  | 33    | 33.1 | 32.2 | 34   | 33.5 | 31   | 27.5 | 25   | 18   | 24         |
| 26         |      |      |        | 30.2  | 28    | 28.6  | 28.4 | 26.9 | 28.5 | 29.5 | 28.5 | 25.5 | 23.5 | 17   | 26         |
| 28         |      |      |        | 28    | 26    | 24.3  | 24.5 | 23.2 | 24   | 24.9 | 26.6 | 24   | 22   | 16   | 28         |
| 30         |      |      |        | 25    | 24    | 21    | 22   | 21   | 21.8 | 21.1 | 22.7 | 22   | 20.5 | 14.5 | 30         |
| 32         |      |      |        |       | 22.2  | 20    | 20   | 19.8 | 19.8 | 18.4 | 19.3 | 20.4 | 19.5 | 13.4 | 32         |
| 34         |      |      |        |       | 20    | 18.5  | 18.8 | 18.5 | 18.5 | 16.8 | 16.9 | 17.5 | 17.5 | 12   | 34         |
| 36         |      |      |        |       |       | 17.2  | 17   | 17.2 | 16.6 | 15.2 | 14.9 | 16   | 16   | 10.8 | 36         |
| 38         |      |      |        |       |       | 16    | 15.8 | 16.2 | 14.3 | 14.2 | 13   | 14.5 | 13.9 | 9.8  | 38         |
| 40         |      |      |        |       |       | 15    | 14   | 15.2 | 12.4 | 13   | 12   | 13   | 12   | 8.8  | 40         |
| 42         |      |      |        |       |       |       | 12.4 | 14   | 11.4 | 12   | 11   | 11.3 | 11.2 | 7.9  | 42         |
| 44         |      |      |        |       |       |       | 11   | 13   | 10.4 | 11.2 | 10   | 9.7  | 9.9  | 7.2  | 44         |
| 46         |      |      |        |       |       |       |      | 12   | 9.8  | 10.4 | 9.2  | 8.9  | 8.7  | 6    | 46         |
| 48         |      |      |        |       |       |       |      | 10.7 | 8.8  | 9.1  | 8    | 8.1  | 7.6  | 5.5  | 48         |
| 50         |      |      |        |       |       |       |      | 9.4  | 7.8  | 8    | 7    | 7.4  | 6.4  | 4.5  | 50         |
| 52         |      |      |        |       |       |       |      |      | 7.2  | 7.4  | 5.9  | 6.9  | 5.2  | 3.8  | 52         |
| 54         |      |      |        |       |       |       |      |      | 6.4  | 6.9  | 5.4  | 5.9  | 4    | 3.5  | 54         |
| 56         |      |      |        |       |       |       |      |      | 5.8  | 6.4  | 5    | 4    | 3    | 3    | 56         |
| 58         |      |      |        |       |       |       |      |      |      | 5.9  | 4.6  | 3    |      |      | 58         |
| 60         |      |      |        |       |       |       |      |      |      |      | 4.2  |      |      |      | 60         |
| 62         |      |      |        |       |       |       |      |      |      |      | 3    |      |      |      | 62         |

# Boom Operating Range



# Load Chart - Telescopic Boom

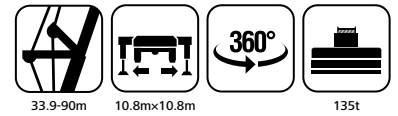
Unit: t



| Radius (m) | 33.9  | 39.5  | 45    | 50.6  | 56.2 | 61.8 | 67.4 | 73   | 78.6 | 84.2 | 90   | Radius (m) |
|------------|-------|-------|-------|-------|------|------|------|------|------|------|------|------------|
| 4.5        | 225   |       |       |       |      |      |      |      |      |      |      | 4.5        |
| 5          | 220   |       |       |       |      |      |      |      |      |      |      | 5          |
| 6          | 215   | 182   | 150   | 149.5 |      |      |      |      |      |      |      | 6          |
| 7          | 195.2 | 180   | 148   | 146   |      |      |      |      |      |      |      | 7          |
| 8          | 176.5 | 176.3 | 144   | 142   | 127  | 108  |      |      |      |      |      | 8          |
| 9          | 160.6 | 160.5 | 136   | 136   | 125  | 106  | 100  |      |      |      |      | 9          |
| 10         | 147   | 146.9 | 130   | 132   | 122  | 105  | 97   |      |      |      |      | 10         |
| 12         | 125.8 | 126.8 | 124   | 122   | 115  | 102  | 93   | 82   | 74   |      |      | 12         |
| 14         | 112   | 112   | 107.8 | 110   | 103  | 97   | 87   | 79   | 70   | 62   | 52   | 14         |
| 16         | 99.9  | 100   | 98    | 98    | 94   | 90   | 84   | 75   | 67   | 60   | 50   | 16         |
| 18         | 88.6  | 90.5  | 90    | 89.5  | 86   | 84   | 79   | 72   | 65   | 58   | 48   | 18         |
| 20         | 79.2  | 81.2  | 80.9  | 82    | 80   | 76   | 74   | 68   | 62   | 56   | 46   | 20         |
| 22         | 71.3  | 73.3  | 73.1  | 74.4  | 73   | 70   | 68   | 63   | 59   | 54   | 44   | 22         |
| 24         | 64.5  | 66.6  | 66.4  | 67.7  | 66   | 65   | 62   | 60   | 56   | 52   | 42.5 | 24         |
| 26         | 58.6  | 60.7  | 60    | 61.9  | 59.6 | 60   | 58   | 56   | 52   | 49   | 40.5 | 26         |
| 28         | 53.4  | 55.5  | 55    | 56.6  | 54.6 | 55.8 | 52   | 52   | 47.5 | 45   | 39   | 28         |
| 30         | 42    | 51    | 50    | 52    | 50   | 51   | 48   | 48   | 44   | 42   | 37   | 30         |
| 32         |       | 47    | 46    | 48    | 45.5 | 47   | 44.5 | 45   | 41   | 39   | 35   | 32         |
| 34         |       | 42    | 42    | 44    | 42   | 42.5 | 40.5 | 41.6 | 38   | 36.5 | 34   | 34         |
| 36         |       |       | 38.5  | 40    | 39   | 39   | 37.5 | 38.6 | 35   | 34   | 33   | 36         |
| 38         |       |       | 35.5  | 36.5  | 35   | 36   | 35   | 35.6 | 32   | 31.5 | 32   | 38         |
| 40         |       |       | 28    | 33.5  | 32   | 33   | 31   | 33   | 29   | 29   | 31   | 40         |
| 42         |       |       |       | 31.5  | 30   | 31   | 29.5 | 30   | 26   | 27   | 28   | 42         |
| 44         |       |       |       | 28    | 28   | 29   | 27   | 28   | 24   | 25.5 | 25   | 44         |
| 46         |       |       |       | 18    | 26   | 27   | 25   | 26   | 22   | 24   | 24   | 46         |
| 48         |       |       |       |       | 23   | 25   | 23   | 24   | 21   | 22   | 22   | 48         |
| 50         |       |       |       |       | 18   | 23   | 21   | 22   | 18.5 | 20   | 20.4 | 50         |
| 52         |       |       |       |       |      | 21.5 | 19   | 20   | 16.4 | 19   | 19   | 52         |
| 54         |       |       |       |       |      | 18.5 | 17.5 | 18.5 | 15.3 | 17   | 17.2 | 54         |
| 56         |       |       |       |       |      | 12   | 16.5 | 17.5 | 14.3 | 16   | 16   | 56         |
| 58         |       |       |       |       |      |      | 14.5 | 16.5 | 13   | 14   | 14.3 | 58         |
| 60         |       |       |       |       |      |      | 10.5 | 15   | 12   | 13   | 13.5 | 60         |
| 62         |       |       |       |       |      |      |      | 14   | 11   | 12   | 12.4 | 62         |
| 64         |       |       |       |       |      |      |      | 12   | 10   | 11   | 11.2 | 64         |
| 66         |       |       |       |       |      |      |      |      | 9    | 10   | 10.5 | 66         |
| 68         |       |       |       |       |      |      |      |      | 7    | 9    | 9.3  | 68         |
| 70         |       |       |       |       |      |      |      |      |      | 8    | 8.4  | 70         |
| 72         |       |       |       |       |      |      |      |      |      | 7    | 8    | 72         |
| 74         |       |       |       |       |      |      |      |      |      | 5    | 7    | 74         |
| 76         |       |       |       |       |      |      |      |      |      |      | 6    | 76         |
| 78         |       |       |       |       |      |      |      |      |      |      |      | 78         |

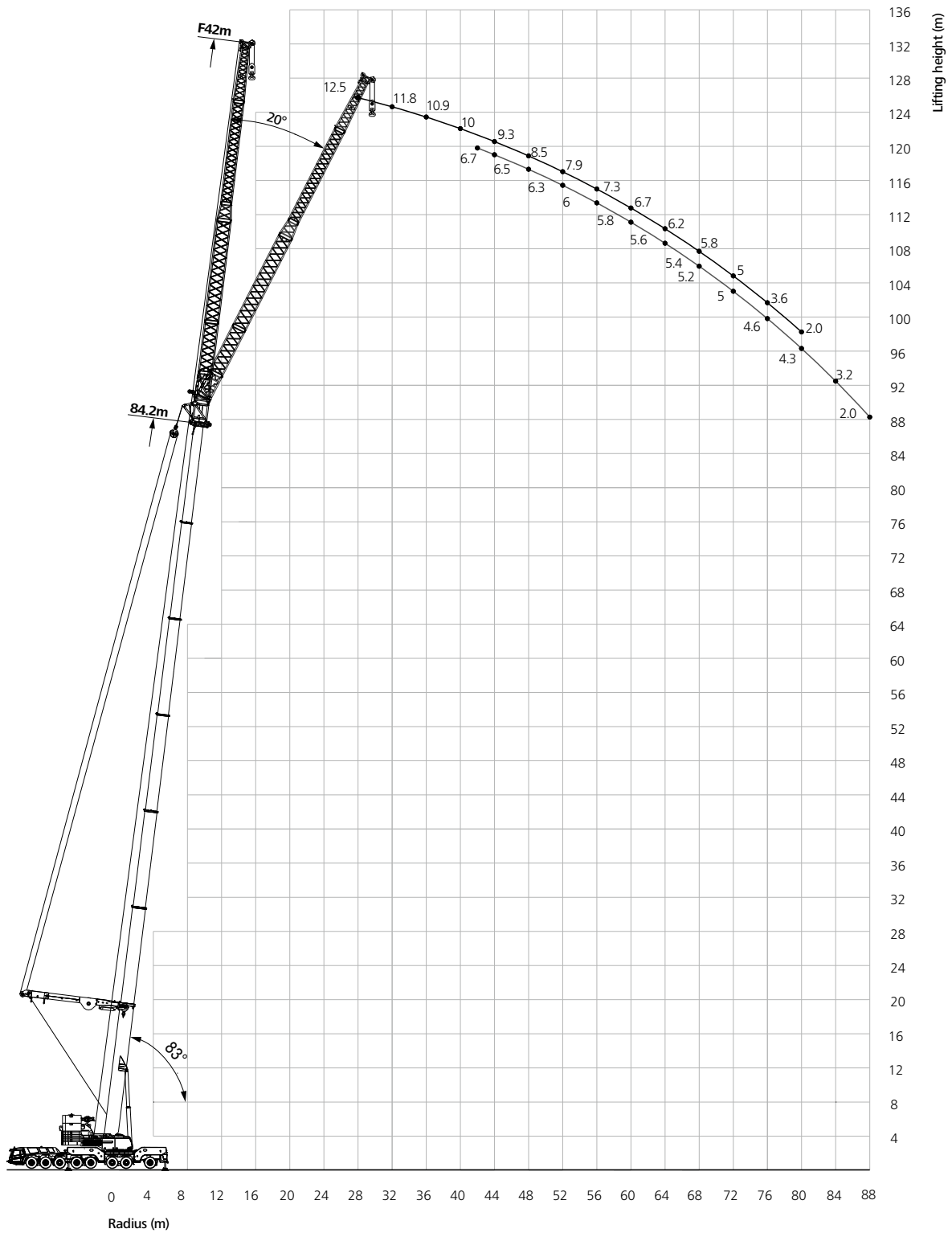
# Load Chart - Telescopic Boom

Unit: t



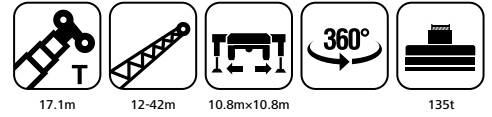
| Radius (m) | 33.9  | 39.5  | 45    | 50.6  | 56.2 | 61.8 | 67.4 | 73   | 78.6 | 84.2 | 90   | Radius (m) |
|------------|-------|-------|-------|-------|------|------|------|------|------|------|------|------------|
| 4.5        | 225   | 190   | 138   |       |      |      |      |      |      |      |      | 4.5        |
| 5          | 220   | 185   | 152   | 152   |      |      |      |      |      |      |      | 5          |
| 6          | 213.7 | 182   | 150   | 149.5 | 134  | 110  |      |      |      |      |      | 6          |
| 7          | 191.6 | 180   | 148   | 146   | 130  | 110  | 100  |      |      |      |      | 7          |
| 8          | 173.2 | 173   | 144   | 142   | 127  | 108  | 100  |      |      |      |      | 8          |
| 9          | 157.6 | 157.5 | 136   | 136   | 125  | 106  | 100  | 84   |      |      |      | 9          |
| 10         | 144   | 143.9 | 130   | 132   | 122  | 105  | 97   | 84   | 74   | 62   | 52   | 10         |
| 12         | 122.5 | 123.6 | 122.1 | 122   | 115  | 102  | 93   | 82   | 74   | 62   | 52   | 12         |
| 14         | 109.3 | 109.2 | 104.9 | 108   | 103  | 97   | 87   | 79   | 70   | 62   | 52   | 14         |
| 16         | 97.3  | 97.7  | 96.7  | 96    | 94   | 90   | 84   | 75   | 67   | 60   | 50   | 16         |
| 18         | 86.3  | 88.1  | 87.9  | 87.2  | 85.3 | 84   | 79   | 72   | 65   | 58   | 48   | 18         |
| 20         | 77.1  | 79    | 78.8  | 80.1  | 79   | 76   | 74   | 68   | 62   | 56   | 46   | 20         |
| 22         | 69.3  | 71.3  | 71.1  | 72.4  | 71.3 | 70   | 68   | 63   | 59   | 54   | 44   | 22         |
| 24         | 62.3  | 64.7  | 64.5  | 65.9  | 64.7 | 65   | 62   | 60   | 56   | 52   | 42.5 | 24         |
| 26         | 55.7  | 58.2  | 58    | 59.5  | 58.2 | 59.4 | 55   | 55   | 50   | 49   | 40.5 | 26         |
| 28         | 50    | 52.5  | 52.3  | 53.9  | 52.6 | 53.9 | 50   | 50   | 46   | 45   | 39   | 28         |
| 30         | 42    | 47.6  | 47.5  | 49.1  | 47.8 | 49   | 46   | 46   | 42   | 42   | 37   | 30         |
| 32         |       | 43.3  | 43.2  | 44.8  | 43.5 | 44.8 | 42   | 42   | 38   | 39   | 35   | 32         |
| 34         |       | 39.5  | 39.5  | 41.1  | 38   | 40   | 38   | 38   | 35   | 35   | 34   | 34         |
| 36         |       |       | 35    | 37.8  | 35   | 36   | 34   | 35   | 32   | 32   | 32   | 36         |
| 38         |       |       | 33.1  | 34.8  | 32   | 33   | 31   | 32   | 29   | 30   | 29   | 38         |
| 40         |       |       | 28    | 31    | 30   | 31   | 28   | 30   | 26   | 27   | 26.5 | 40         |
| 42         |       |       |       | 29    | 27   | 28   | 26   | 27   | 24   | 25   | 25   | 42         |
| 44         |       |       |       | 26    | 25   | 26   | 24   | 25   | 22   | 23   | 23   | 44         |
| 46         |       |       |       | 18    | 22.5 | 24   | 22   | 23   | 20   | 21   | 21   | 46         |
| 48         |       |       |       |       | 21   | 22   | 20   | 21   | 18   | 19   | 19   | 48         |
| 50         |       |       |       |       | 18   | 20   | 18   | 19   | 16   | 17   | 17   | 50         |
| 52         |       |       |       |       |      | 19   | 16   | 17.5 | 14.5 | 15.5 | 15.5 | 52         |
| 54         |       |       |       |       |      | 17   | 15   | 16   | 13   | 14   | 14   | 54         |
| 56         |       |       |       |       |      | 12   | 13   | 15   | 12   | 12.5 | 12.5 | 56         |
| 58         |       |       |       |       |      |      | 12.5 | 13.5 | 10.7 | 11.5 | 11.5 | 58         |
| 60         |       |       |       |       |      |      |      | 10.5 | 9.4  | 10.8 | 10.5 | 60         |
| 62         |       |       |       |       |      |      |      |      | 11.5 | 8.1  | 9.6  | 62         |
| 64         |       |       |       |       |      |      |      |      | 10.3 | 6.9  | 8.4  | 64         |
| 66         |       |       |       |       |      |      |      |      |      | 5.8  | 7.3  | 66         |
| 68         |       |       |       |       |      |      |      |      |      | 4.7  | 6.2  | 68         |
| 70         |       |       |       |       |      |      |      |      |      |      | 5.2  | 70         |
| 72         |       |       |       |       |      |      |      |      |      |      | 4.3  | 72         |
| 74         |       |       |       |       |      |      |      |      |      |      | 3.4  | 74         |
| 76         |       |       |       |       |      |      |      |      |      |      | 3    | 76         |

# Jib Operating Range



# Load Chart - Fixed Jib

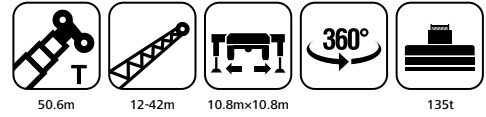
Unit: t



| Radius (m) | 12m  |      |      | 18m  |      |      | 24m  |      |      | 30m  |      |     | 36m  |      |     | 42m  |     | Radius (m) |
|------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|-----|------------|
|            | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40° | 0°   | 20°  | 40° | 0°   | 20° |            |
| 5          | 73   |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |     | 5          |
| 6          | 65   |      |      | 50   |      |      |      |      |      |      |      |     |      |      |     |      |     | 6          |
| 7          | 58   |      |      | 45.5 |      |      | 49.1 |      |      | 38.0 |      |     |      |      |     |      |     | 7          |
| 8          | 52   |      |      | 41   |      |      | 44.2 |      |      | 35.0 |      |     | 28.7 |      |     |      |     | 8          |
| 9          | 45.5 |      |      | 37.5 |      |      | 40.4 |      |      | 32.4 |      |     | 26.4 |      |     | 22.4 |     | 9          |
| 10         | 41   | 29.5 |      | 34   |      |      | 36.7 |      |      | 29.6 |      |     | 24.5 |      |     | 20.7 |     | 10         |
| 12         | 35.5 | 25.9 |      | 28.2 |      |      | 30.4 |      |      | 25.1 |      |     | 21.1 |      |     | 18   |     | 12         |
| 14         | 31   | 23   | 19.1 | 24.7 | 18.5 |      | 26.6 | 19.1 |      | 21.7 |      |     | 18.3 |      |     | 15.8 |     | 14         |
| 16         | 26.8 | 20.8 | 17.6 | 21.8 | 16.5 |      | 23.5 | 18.0 |      | 19.1 | 14.0 |     | 15.9 |      |     | 13.9 |     | 16         |
| 18         | 23.2 | 18.9 | 16.2 | 19.3 | 14.8 |      | 20.8 | 16.1 |      | 17.0 | 12.7 |     | 14.3 |      |     | 12.2 |     | 18         |
| 20         | 19.9 | 17.2 | 15.2 | 17.1 | 13.5 | 11.7 | 18.4 | 14.7 | 12.2 | 15.3 | 11.4 |     | 12.9 | 10.0 |     | 11   |     | 20         |
| 22         | 17.7 | 15.7 | 14.3 | 15   | 12.3 | 10.8 | 16.2 | 13.4 | 11.8 | 13.6 | 10.3 |     | 11.6 | 9.0  |     | 10   |     | 22         |
| 24         | 16.1 | 14.5 | 13.5 | 13.1 | 11.3 | 10   | 14.1 | 12.3 | 10.9 | 12.1 | 9.4  | 8.0 | 10.4 | 8.1  |     | 9.1  | 6.8 | 24         |
| 26         | 14.6 | 13.5 | 13   | 11.5 | 10.4 | 9.4  | 12.4 | 11.3 | 10.2 | 10.7 | 8.7  | 7.5 | 9.4  | 7.3  |     | 8.3  | 6.2 | 26         |
| 28         | 13.4 | 12.9 |      | 10.5 | 9.5  | 8.9  | 11.3 | 10.3 | 9.7  | 9.4  | 7.9  | 6.9 | 8.4  | 6.6  |     | 7.5  | 5.6 | 28         |
| 30         |      |      |      | 9.6  | 8.8  | 8.3  | 10.4 | 9.5  | 9.0  | 8.3  | 7.3  | 6.5 | 7.4  | 6.1  | 5.0 | 6.8  | 5   | 30         |
| 32         |      |      |      | 8.8  | 8.2  | 8    | 9.5  | 8.9  | 8.7  | 7.4  | 6.7  | 6.1 | 6.5  | 5.7  | 4.6 | 6.1  | 4.6 | 32         |
| 34         |      |      |      | 8.1  | 7.8  |      | 8.7  | 8.4  | 8.3  | 6.8  | 6.1  | 5.6 | 5.6  | 5.2  | 4.3 | 5.4  | 4.2 | 34         |
| 36         |      |      |      |      |      |      | 8.1  | 8.0  |      | 6.3  | 5.6  | 5.3 | 5.1  | 4.8  | 4.1 | 4.8  | 3.9 | 36         |
| 38         |      |      |      |      |      |      | 7.6  |      |      | 5.7  | 5.3  | 5.1 | 4.7  | 4.4  | 3.8 | 4.1  | 3.6 | 38         |
| 40         |      |      |      |      |      |      |      |      |      | 5.2  | 5.0  | 4.9 | 4.4  | 4.1  | 3.6 | 3.7  | 3.3 | 40         |
| 42         |      |      |      |      |      |      |      |      |      | 4.9  | 4.8  |     | 4.0  | 3.8  | 3.4 | 3.3  | 3.1 | 42         |
| 44         |      |      |      |      |      |      |      |      |      | 4.6  | 4.6  |     | 3.7  | 3.6  | 3.2 | 3.1  | 2.8 | 44         |
| 46         |      |      |      |      |      |      |      |      |      |      |      |     | 3.4  | 3.3  | 3.1 | 2.8  | 2.6 | 46         |
| 48         |      |      |      |      |      |      |      |      |      |      |      |     | 3.2  | 3.2  | 3.0 | 2.6  |     | 48         |
| 50         |      |      |      |      |      |      |      |      |      |      |      |     | 3.0  | 3.0  |     | 2.4  |     | 50         |
| 52         |      |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |     | 52         |

# Load Chart - Fixed Jib

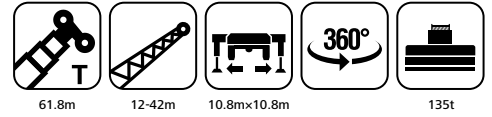
Unit: t



| Radius (m) | 12m  |      |      | 18m  |      |      | 24m  |      |      | 30m |     |     | 36m  |      |     | 42m  |     | Radius (m) |
|------------|------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|-----|------|-----|------------|
|            | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°  | 20° | 40° | 0°   | 20°  | 40° | 0°   | 20° |            |
| 12         | 44   |      |      | 32   |      |      | 32.5 |      |      |     |     |     |      |      |     |      |     | 12         |
| 14         | 40   |      |      | 29.4 |      |      | 30.7 |      |      |     |     |     | 23.5 |      |     | 18.3 |     | 14         |
| 16         | 37   | 25.3 |      | 27.2 |      |      | 28.4 |      |      |     |     |     | 21.9 |      |     | 16.8 |     | 16         |
| 18         | 34.5 | 23.8 |      | 25.2 | 17.2 |      | 26.3 | 18.0 |      |     |     |     | 20.2 |      |     | 15.6 |     | 18         |
| 20         | 32   | 22.5 | 17.5 | 23.4 | 16.2 |      | 24.4 | 17.3 |      |     |     |     | 18.9 |      |     | 14.5 |     | 20         |
| 22         | 30   | 21.3 | 16.9 | 21.8 | 15.3 |      | 22.7 | 16.3 |      |     |     |     | 17.6 | 12.5 |     | 13.6 |     | 22         |
| 24         | 28.3 | 20.2 | 16.3 | 20.4 | 14.4 | 11.3 | 21.3 | 15.3 | 12.1 |     |     |     | 16.4 | 11.8 |     | 12.7 |     | 24         |
| 26         | 26.7 | 19.2 | 15.8 | 19.3 | 13.7 | 10.8 | 20.1 | 14.5 | 11.6 |     |     |     | 15.3 | 11.2 |     | 11.8 | 8.4 | 26         |
| 28         | 24.9 | 18.4 | 15.3 | 18.3 | 12.9 | 10.4 | 19.1 | 13.7 | 11.1 |     |     |     | 14.5 | 10.5 |     | 11.0 | 7.9 | 28         |
| 30         | 23   | 17.7 | 14.8 | 17.3 | 12.3 | 10.1 | 18.1 | 13.0 | 10.8 |     |     |     | 13.8 | 9.9  | 7.2 | 10.4 | 7.4 | 30         |
| 32         | 21.3 | 17   | 14.5 | 16.5 | 11.8 | 9.7  | 17.2 | 12.5 | 10.3 |     |     |     | 13.0 | 9.4  | 6.9 | 9.8  | 7.0 | 32         |
| 34         | 19.6 | 16.3 | 14.1 | 15.6 | 11.3 | 9.4  | 16.3 | 11.9 | 10.0 |     |     |     | 12.3 | 8.9  | 6.6 | 9.3  | 6.6 | 34         |
| 36         | 18.1 | 15.7 | 13.8 | 14.8 | 10.8 | 9.1  | 15.4 | 11.4 | 9.7  |     |     |     | 11.7 | 8.5  | 6.4 | 8.8  | 6.2 | 36         |
| 38         | 16.5 | 15.1 | 13.5 | 13.9 | 10.4 | 8.9  | 14.5 | 11.0 | 9.4  |     |     |     | 11.2 | 8.0  | 6.2 | 8.4  | 5.9 | 38         |
| 40         | 14.9 | 14.6 | 13.2 | 13.2 | 10   | 8.6  | 13.8 | 10.5 | 9.1  |     |     |     | 10.6 | 7.7  | 5.9 | 8.0  | 5.6 | 40         |
| 42         | 13.4 | 13.8 | 13   | 12.4 | 9.6  | 8.4  | 12.9 | 10.1 | 8.9  |     |     |     | 10.0 | 7.4  | 5.7 | 7.6  | 5.4 | 42         |
| 44         | 12.1 | 12.7 | 12.8 | 11.7 | 9.2  | 8.2  | 12.2 | 9.7  | 8.7  |     |     |     | 9.3  | 7.1  | 5.6 | 7.2  | 5.1 | 44         |
| 46         | 11.1 | 11.6 | 12   | 10.9 | 8.9  | 8.1  | 11.4 | 9.4  | 8.6  |     |     |     | 8.8  | 6.8  | 5.5 | 6.8  | 4.9 | 46         |
| 48         | 10.1 | 10.6 |      | 9.9  | 8.6  | 7.9  | 10.3 | 9.0  | 8.3  |     |     |     | 8.2  | 6.5  | 5.3 | 6.4  | 4.7 | 48         |
| 50         | 9.3  | 9.6  |      | 9.1  | 8.3  | 7.7  | 9.5  | 8.7  | 8.1  |     |     |     | 7.7  | 6.2  | 5.2 | 6.0  | 4.5 | 50         |
| 52         | 8.4  | 8.7  |      | 8.3  | 8.0  | 7.6  | 8.7  | 8.4  | 8.0  |     |     |     | 7.2  | 6.0  | 5.1 | 5.7  | 4.3 | 52         |
| 54         | 7.3  | 7.9  |      | 7.6  | 7.8  | 7.6  | 7.9  | 8.2  | 8.0  |     |     |     | 6.8  | 5.7  | 4.9 | 5.3  | 4.1 | 54         |
| 56         | 5.9  | 6.3  |      | 7.0  | 7.4  |      | 7.3  | 7.8  |      |     |     |     | 6.5  | 5.5  | 4.8 | 4.9  | 3.9 | 56         |
| 58         | 4.5  |      |      | 5.8  | 6.7  |      | 6.6  | 7.0  |      |     |     |     | 6.2  | 5.2  | 4.7 | 4.6  | 3.7 | 58         |
| 60         | 3.3  |      |      | 4.6  | 5.5  |      | 5.5  | 6.4  |      |     |     |     | 5.9  | 5.1  | 4.7 | 4.3  | 3.6 | 60         |
| 62         |      |      |      | 3.4  | 4.1  |      | 4.4  | 5.8  |      |     |     |     | 5.2  | 5.0  |     | 4.2  | 3.4 | 62         |
| 64         |      |      |      | 2.3  | 2.8  |      | 3.3  | 4.6  |      |     |     |     | 4.1  | 4.8  |     | 3.9  | 3.3 | 64         |
| 66         |      |      |      |      |      |      | 2.2  |      |      |     |     |     | 3.0  | 4.7  |     | 3.1  | 3.2 | 66         |
| 68         |      |      |      |      |      |      |      |      |      |     |     |     | 2.1  | 3.7  |     | 2.1  | 3.1 | 68         |
| 70         |      |      |      |      |      |      |      |      |      |     |     |     | 2.6  |      |     | 3.0  | 2.9 | 70         |
| 72         |      |      |      |      |      |      |      |      |      |     |     |     |      |      |     | 2.3  | 2.8 | 72         |
| 74         |      |      |      |      |      |      |      |      |      |     |     |     |      |      |     | 2.0  |     | 74         |
| 76         |      |      |      |      |      |      |      |      |      |     |     |     |      |      |     |      | 1.6 | 76         |

# Load Chart - Fixed Jib

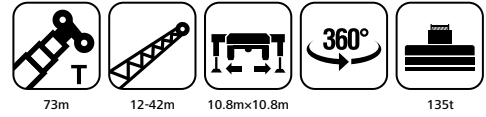
Unit: t



| Radius (m) | 12m  |      |      | 18m  |      |      | 24m  |      |      | 30m  |      |     | 36m  |     |     | 42m  |     | Radius (m) |
|------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|------------|
|            | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40° | 0°   | 20° | 40° | 0°   | 20° |            |
| 12         |      |      |      |      |      |      |      |      |      |      |      |     |      |     |     |      |     | 12         |
| 14         | 32.5 |      |      | 26.7 |      |      | 27.0 |      |      |      |      |     |      |     |     |      |     | 14         |
| 16         | 29.9 |      |      | 24.8 |      |      | 25.7 |      |      | 19.7 |      |     |      |     |     |      |     | 16         |
| 18         | 27.6 | 24.1 |      | 23.3 |      |      | 24.2 |      |      | 18.5 |      |     | 14.2 |     |     | 11.7 |     | 18         |
| 20         | 25.5 | 23   |      | 22   |      |      | 22.8 |      |      | 17.4 |      |     | 13.3 |     |     | 11   |     | 20         |
| 22         | 23.6 | 22   | 16.9 | 20.5 | 15.1 |      | 21.3 | 16.0 |      | 16.5 |      |     | 12.5 |     |     | 10.3 |     | 22         |
| 24         | 21.8 | 21   | 16.3 | 19.1 | 14.4 |      | 19.8 | 15.2 |      | 15.6 |      |     | 11.8 |     |     | 9.7  |     | 24         |
| 26         | 20.2 | 20.1 | 15.9 | 17.8 | 13.7 |      | 18.5 | 14.5 |      | 14.7 | 11.0 |     | 11.2 |     |     | 9.2  |     | 26         |
| 28         | 18.7 | 18.9 | 15.4 | 16.6 | 13.1 | 10.4 | 17.2 | 13.8 | 11.3 | 14.0 | 10.4 |     | 10.6 | 7.7 |     | 8.7  |     | 28         |
| 30         | 17.4 | 17.6 | 15   | 15.4 | 12.5 | 10.1 | 16.0 | 13.2 | 10.8 | 13.3 | 9.9  |     | 10.0 | 7.4 |     | 8.2  |     | 30         |
| 32         | 16.2 | 16.4 | 14.6 | 14.3 | 12   | 9.8  | 14.8 | 12.6 | 10.4 | 12.7 | 9.5  | 7.0 | 9.5  | 7.0 |     | 7.8  | 5.3 | 32         |
| 34         | 15.1 | 15.3 | 14.3 | 13.3 | 11.5 | 9.5  | 13.8 | 12.1 | 10.1 | 12.0 | 9.0  | 6.6 | 9.0  | 6.6 |     | 7.4  | 5   | 34         |
| 36         | 14   | 14.3 | 14   | 12.4 | 11.1 | 9.2  | 12.9 | 11.7 | 9.8  | 11.3 | 8.5  | 6.4 | 8.6  | 6.3 |     | 7    | 4.8 | 36         |
| 38         | 13.1 | 13.3 | 13.4 | 11.6 | 10.7 | 9    | 12.0 | 11.2 | 9.5  | 10.5 | 8.2  | 6.2 | 8.2  | 6.0 | 4.3 | 6.6  | 4.6 | 38         |
| 40         | 12.1 | 12.4 | 12.4 | 10.8 | 10.3 | 8.8  | 11.2 | 10.8 | 9.3  | 9.8  | 7.8  | 6.0 | 7.8  | 5.7 | 4.1 | 6.3  | 4.3 | 40         |
| 42         | 11.2 | 11.5 | 11.5 | 10   | 10   | 8.6  | 10.4 | 10.5 | 9.1  | 9.1  | 7.5  | 5.9 | 7.5  | 5.4 | 4.0 | 6    | 4.1 | 42         |
| 44         | 10.3 | 10.6 | 10.7 | 9.3  | 9.6  | 8.4  | 9.7  | 10.1 | 8.9  | 8.5  | 7.3  | 5.7 | 7.2  | 5.2 | 3.9 | 5.7  | 3.9 | 44         |
| 46         | 9.4  | 9.7  | 9.8  | 8.6  | 9    | 8.2  | 8.9  | 9.4  | 8.6  | 7.9  | 7.0  | 5.5 | 6.8  | 5.0 | 3.8 | 5.5  | 3.7 | 46         |
| 48         | 8.5  | 8.9  | 9.1  | 8    | 8.3  | 8.1  | 8.3  | 8.7  | 8.5  | 7.3  | 6.8  | 5.4 | 6.3  | 4.8 | 3.6 | 5.2  | 3.6 | 48         |
| 50         | 7.5  | 8.1  | 8.3  | 7.3  | 7.7  | 7.9  | 7.6  | 8.0  | 8.3  | 6.8  | 6.5  | 5.3 | 5.8  | 4.6 | 3.5 | 5    | 3.4 | 50         |
| 52         | 6.7  | 7.3  | 7.6  | 6.6  | 7.1  | 7.4  | 6.9  | 7.4  | 7.8  | 6.2  | 6.3  | 5.1 | 5.4  | 4.4 | 3.4 | 4.7  | 3.3 | 52         |
| 54         | 6.1  | 6.6  | 6.9  | 5.9  | 6.4  | 6.8  | 6.1  | 6.7  | 7.1  | 5.7  | 6.1  | 5.0 | 4.9  | 4.2 | 3.4 | 4.4  | 3.2 | 54         |
| 56         | 5.5  | 5.9  |      | 5.2  | 5.8  | 6.2  | 5.4  | 6.1  | 6.5  | 5.2  | 5.9  | 4.9 | 4.4  | 4.1 | 3.3 | 4.0  | 3.0 | 56         |
| 58         | 5.0  | 5.3  |      | 4.6  | 5.4  | 5.7  | 4.8  | 5.6  | 6.0  | 4.6  | 5.4  | 4.8 | 4.0  | 4.0 | 3.2 | 3.7  | 2.9 | 58         |
| 60         | 4.4  | 4.7  |      | 4.1  | 4.9  | 5.3  | 4.3  | 5.1  | 5.5  | 4.1  | 4.9  | 4.8 | 3.6  | 3.8 | 3.1 | 3.3  | 2.8 | 60         |
| 62         | 3.4  | 4.0  |      | 3.6  | 4.4  |      | 3.7  | 4.6  |      | 3.6  | 4.5  | 4.7 | 3.2  | 3.7 | 3.1 | 3.0  | 2.7 | 62         |
| 64         | 2.4  | 2.8  |      | 3.2  | 3.8  |      | 3.3  | 4.0  |      | 3.1  | 4.1  | 4.4 | 2.8  | 3.5 | 3.0 | 2.7  | 2.6 | 64         |
| 66         |      | 1.7  |      | 2.1  | 3.1  |      | 2.7  | 3.4  |      | 2.7  | 3.6  | 4.0 | 2.4  | 3.3 | 3.0 | 2.4  | 2.5 | 66         |
| 68         |      |      |      | 2    |      |      | 1.8  | 2.9  |      | 2.3  | 3.2  | 3.6 | 2.0  | 3.0 | 2.9 | 2.0  | 2.4 | 68         |
| 70         |      |      |      |      |      |      |      | 2.2  |      |      | 2.7  |     |      | 2.6 | 2.9 |      | 2.3 | 70         |
| 72         |      |      |      |      |      |      |      |      |      |      | 2.3  |     |      | 2.3 | 2.7 |      | 2.1 | 72         |
| 74         |      |      |      |      |      |      |      |      |      |      |      |     |      | 1.9 | 2.3 |      | 1.8 | 74         |
| 76         |      |      |      |      |      |      |      |      |      |      |      |     |      |     | 1.9 |      |     | 76         |

# Load Chart - Fixed Jib

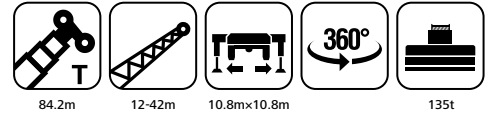
Unit: t



| Radius (m) | 12m  |      |      | 18m  |      |     | 24m  |      |      | 30m  |     |     | 36m  |     |     | 42m |     | Radius (m) |
|------------|------|------|------|------|------|-----|------|------|------|------|-----|-----|------|-----|-----|-----|-----|------------|
|            | 0°   | 20°  | 40°  | 0°   | 20°  | 40° | 0°   | 20°  | 40°  | 0°   | 20° | 40° | 0°   | 20° | 40° | 0°  | 20° |            |
| 12         |      |      |      |      |      |     |      |      |      |      |     |     |      |     |     |     |     | 12         |
| 14         |      |      |      |      |      |     |      |      |      |      |     |     |      |     |     |     |     | 14         |
| 16         | 22.3 |      |      |      |      |     |      |      |      |      |     |     |      |     |     |     |     | 16         |
| 18         | 20.6 |      |      | 17.5 |      |     | 18.2 |      |      | 15.0 |     |     |      |     |     |     |     | 18         |
| 20         | 19.1 | 19.1 |      | 16.3 |      |     | 16.8 |      |      | 14.1 |     |     | 11.9 |     |     |     |     | 20         |
| 22         | 17.8 | 17.8 |      | 15.2 |      |     | 15.7 |      |      | 13.1 |     |     | 11.1 |     |     | 8.7 |     | 22         |
| 24         | 16.5 | 16.7 | 15.9 | 14.3 | 13.5 |     | 14.8 | 14.0 |      | 12.3 |     |     | 10.4 |     |     | 8.3 |     | 24         |
| 26         | 15.4 | 15.6 | 15.4 | 13.3 | 13   |     | 13.7 | 13.7 |      | 11.5 |     |     | 9.7  |     |     | 7.9 |     | 26         |
| 28         | 14.3 | 14.7 | 14.7 | 12.4 | 12.5 |     | 12.8 | 13.1 |      | 10.8 | 9.7 |     | 9.2  |     |     | 7.5 |     | 28         |
| 30         | 13.2 | 13.7 | 13.9 | 11.6 | 11.8 | 9.8 | 12.0 | 12.4 | 10.4 | 10.1 | 9.4 |     | 8.6  |     |     | 7.1 |     | 30         |
| 32         | 12.2 | 12.7 | 13.1 | 10.8 | 11.1 | 9.5 | 11.2 | 11.6 | 10.1 | 9.5  | 8.9 |     | 8.1  | 6.5 |     | 6.7 |     | 32         |
| 34         | 11.3 | 11.8 | 12.2 | 9.9  | 10.5 | 9.3 | 10.2 | 11.0 | 9.9  | 8.8  | 8.6 |     | 7.7  | 6.3 |     | 6.3 |     | 34         |
| 36         | 10.5 | 10.9 | 11.4 | 9.2  | 9.9  | 9.1 | 9.5  | 10.4 | 9.6  | 8.1  | 8.3 | 6.4 | 7.2  | 6.0 |     | 6   | 4.4 | 36         |
| 38         | 9.7  | 10.1 | 10.6 | 8.5  | 9.2  | 8.9 | 8.8  | 9.6  | 9.4  | 7.5  | 8.0 | 6.1 | 6.7  | 5.8 |     | 5.6 | 4.2 | 38         |
| 40         | 8.9  | 9.3  | 9.8  | 7.8  | 8.5  | 8.7 | 8.1  | 8.9  | 9.2  | 6.8  | 7.7 | 5.9 | 6.1  | 5.5 |     | 5.2 | 4   | 40         |
| 42         | 8.3  | 8.6  | 9    | 7.2  | 7.8  | 8.4 | 7.4  | 8.1  | 8.8  | 6.2  | 7.3 | 5.8 | 5.6  | 5.3 | 3.9 | 4.8 | 3.8 | 42         |
| 44         | 7.6  | 8    | 8.3  | 6.6  | 7.2  | 8   | 6.8  | 7.5  | 8.4  | 5.7  | 6.9 | 5.6 | 5.1  | 5.0 | 3.8 | 4.4 | 3.7 | 44         |
| 46         | 7    | 7.3  | 7.7  | 6    | 6.6  | 7.4 | 6.2  | 6.9  | 7.8  | 5.2  | 6.4 | 5.5 | 4.6  | 4.8 | 3.7 | 3.9 | 3.5 | 46         |
| 48         | 6.4  | 6.7  | 7.1  | 5.4  | 6.1  | 6.8 | 5.6  | 6.4  | 7.1  | 4.7  | 5.8 | 5.3 | 4.1  | 4.6 | 3.6 | 3.5 | 3.4 | 48         |
| 50         | 5.8  | 6.2  | 6.4  | 4.9  | 5.6  | 6.3 | 5.1  | 5.8  | 6.6  | 4.3  | 5.3 | 5.2 | 3.7  | 4.5 | 3.5 | 3.2 | 3.3 | 50         |
| 52         | 5.3  | 5.6  | 5.9  | 4.4  | 5.1  | 5.7 | 4.5  | 5.3  | 6.0  | 3.8  | 4.8 | 5.0 | 3.3  | 4.2 | 3.4 | 2.8 | 3.1 | 52         |
| 54         | 4.7  | 5.1  | 5.3  | 4    | 4.6  | 5.2 | 4.1  | 4.8  | 5.4  | 3.4  | 4.4 | 5.0 | 3.0  | 3.8 | 3.3 | 2.5 | 3   | 54         |
| 56         | 4.2  | 4.5  | 4.8  | 3.5  | 4.1  | 4.8 | 3.6  | 4.3  | 5.0  | 3.0  | 4.0 | 4.6 | 2.6  | 3.4 | 3.3 | 2.1 | 2.9 | 56         |
| 58         | 3.7  | 4.0  | 4.3  | 3.1  | 3.7  | 4.3 | 3.2  | 3.8  | 4.5  | 2.6  | 3.6 | 4.1 | 2.3  | 3.1 | 3.2 |     | 2.7 | 58         |
| 60         | 3.2  | 3.6  | 3.8  | 2.7  | 3.3  | 3.8 | 2.8  | 3.4  | 4.0  | 2.1  | 3.2 | 3.7 |      | 2.7 | 3.1 |     | 2.4 | 60         |
| 62         | 2.8  | 3.2  |      | 2.3  | 2.9  | 3.4 | 2.4  | 3.0  | 3.5  |      | 2.8 | 3.3 |      | 2.4 | 3.0 |     | 2.1 | 62         |
| 64         | 2.3  | 2.7  |      | 2.0  | 2.5  | 3.0 | 2.1  | 2.6  | 3.1  |      | 2.4 | 2.9 |      | 2.0 | 2.7 |     | 1.8 | 64         |
| 66         | 1.9  | 2.2  |      |      | 2.1  | 2.6 |      | 2.2  | 2.7  |      | 2.0 | 2.5 |      |     | 2.3 |     |     | 66         |
| 68         |      | 1.8  |      |      |      | 2.2 |      |      | 2.3  |      |     |     |      |     | 2.0 |     |     | 68         |
| 70         |      |      |      |      |      |     |      |      |      |      |     | 1.7 |      |     |     |     |     | 70         |

# Load Chart - Fixed Jib

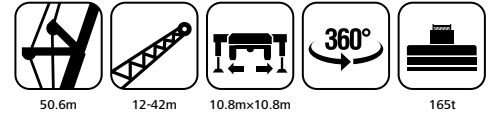
Unit: t



| Radius (m) | 12m  |      |      | 18m  |     |     | 24m  |     |     | 30m |     |     | 36m |     |     | 42m |     | Radius (m) |
|------------|------|------|------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|
|            | 0°   | 20°  | 40°  | 0°   | 20° | 40° | 0°   | 20° | 40° | 0°  | 20° | 40° | 0°  | 20° | 40° | 0°  | 20° |            |
| 12         |      |      |      |      |     |     |      |     |     |     |     |     |     |     |     |     |     | 12         |
| 14         |      |      |      |      |     |     |      |     |     |     |     |     |     |     |     |     |     | 14         |
| 16         |      |      |      |      |     |     |      |     |     |     |     |     |     |     |     |     |     | 16         |
| 18         | 14.8 |      |      |      |     |     |      |     |     |     |     |     |     |     |     |     |     | 18         |
| 20         | 13.7 |      |      | 11.5 |     |     | 12.0 |     |     |     |     |     |     |     |     |     |     | 20         |
| 22         | 12.8 |      |      | 10.7 |     |     | 11.0 |     |     | 9.3 |     |     |     |     |     |     |     | 22         |
| 24         | 11.9 | 12.3 |      | 10   |     |     | 10.3 |     |     | 8.5 |     |     | 7.0 |     |     |     |     | 24         |
| 26         | 11.2 | 11.5 |      | 9.3  |     |     | 9.6  |     |     | 7.8 |     |     | 6.5 |     |     | 5.2 |     | 26         |
| 28         | 10.5 | 10.7 | 11.1 | 8.7  | 9.3 |     | 9.0  | 9.9 |     | 7.3 |     |     | 6.0 |     |     | 4.8 |     | 28         |
| 30         | 9.9  | 10   | 10.4 | 8.2  | 8.7 |     | 8.4  | 9.1 |     | 6.8 |     |     | 5.6 |     |     | 4.4 |     | 30         |
| 32         | 9.2  | 9.4  | 9.7  | 7.7  | 8.1 |     | 7.9  | 8.5 |     | 6.4 | 7.2 |     | 5.1 |     |     | 4.1 |     | 32         |
| 34         | 8.6  | 8.8  | 9.1  | 7.2  | 7.6 | 8.1 | 7.4  | 7.9 | 8.9 | 6.0 | 6.7 |     | 4.7 |     |     | 3.8 |     | 34         |
| 36         | 7.8  | 8.3  | 8.6  | 6.8  | 7.1 | 7.6 | 7.0  | 7.4 | 8.0 | 5.6 | 6.2 |     | 4.4 | 5.1 |     | 3.5 |     | 36         |
| 38         | 7.2  | 7.7  | 8    | 6.3  | 6.6 | 7.1 | 6.5  | 6.9 | 7.5 | 5.2 | 5.7 |     | 4.1 | 4.7 |     | 3.2 |     | 38         |
| 40         | 6.6  | 7.1  | 7.5  | 5.7  | 6.2 | 6.6 | 5.9  | 6.5 | 6.9 | 4.8 | 5.3 | 5.7 | 3.7 | 4.4 |     | 2.9 | 3.5 | 40         |
| 42         | 6    | 6.5  | 7    | 5.2  | 5.8 | 6.2 | 5.4  | 6.0 | 6.5 | 4.4 | 4.9 | 5.5 | 3.4 | 4.0 |     | 2.6 | 3.3 | 42         |
| 44         | 5.4  | 5.9  | 6.6  | 4.7  | 5.4 | 5.8 | 4.8  | 5.6 | 6.1 | 4.0 | 4.6 | 5.1 | 3.1 | 3.7 |     |     | 3.1 | 44         |
| 46         | 4.9  | 5.4  | 6    | 4.3  | 5   | 5.4 | 4.4  | 5.2 | 5.7 | 3.6 | 4.2 | 4.7 | 2.8 | 3.4 | 3.5 |     | 2.8 | 46         |
| 48         | 4.4  | 4.9  | 5.5  | 3.9  | 4.6 | 5   | 4.0  | 4.8 | 5.2 | 3.2 | 3.9 | 4.4 | 2.5 | 3.1 | 3.5 |     | 2.5 | 48         |
| 50         | 4    | 4.4  | 5    | 3.4  | 4.1 | 4.6 | 3.5  | 4.3 | 4.8 | 2.8 | 3.6 | 4.0 |     | 2.8 | 3.3 |     | 2.3 | 50         |
| 52         | 3.5  | 4    | 4.5  | 3    | 3.7 | 4.2 | 3.1  | 3.8 | 4.4 | 2.3 | 3.2 | 3.7 |     | 2.6 | 3.1 |     |     | 52         |
| 54         | 3.1  | 3.5  | 4    | 2.7  | 3.3 | 3.8 | 2.8  | 3.4 | 4.0 |     | 2.9 | 3.4 |     | 2.3 | 2.8 |     |     | 54         |
| 56         | 2.7  | 3.1  | 3.6  | 2.3  | 2.9 | 3.4 | 2.4  | 3.0 | 3.5 |     | 2.6 | 3.1 |     | 2.0 | 2.5 |     |     | 56         |
| 58         | 2.3  | 2.7  | 3.2  |      | 2.5 | 3.0 |      | 2.6 | 3.1 |     | 2.1 | 2.8 |     |     | 2.3 |     |     | 58         |
| 60         |      | 2.3  | 2.8  |      | 2.2 | 2.6 |      | 2.3 | 2.7 |     |     | 2.5 |     |     | 2.0 |     |     | 60         |
| 62         |      | 1.9  | 2.4  |      |     | 2.2 |      |     | 2.3 |     |     | 2.0 |     |     |     |     |     | 62         |
| 64         |      |      | 2.0  |      |     | 1.9 |      |     | 2.0 |     |     |     |     |     |     |     |     | 64         |

# Load Chart - Fixed Jib

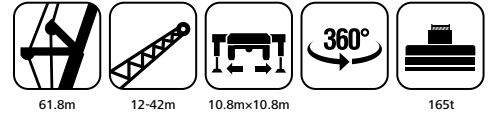
Unit: t



| Radius (m) | 12m  |      |      | 18m  |      |      | 24m  |      |      | 30m  |      |     | 36m  |      |     | 42m  |      |     | Radius (m) |
|------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|------|-----|------------|
|            | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40° | 0°   | 20°  | 40° | 0°   | 20°  | 40° |            |
| 12         | 74   |      |      | 53   |      |      | 55.3 |      |      |      |      |     |      |      |     |      |      |     | 12         |
| 14         | 69   |      |      | 49.5 |      |      | 51.7 |      |      | 39.0 |      |     |      |      |     |      |      |     | 14         |
| 16         | 64   | 41   |      | 46.5 |      |      | 48.5 |      |      | 36.4 |      |     | 28.9 |      |     | 23.7 |      |     | 16         |
| 18         | 61   | 40   |      | 43.5 |      |      | 45.4 |      |      | 33.9 |      |     | 27.0 |      |     | 22.2 |      |     | 18         |
| 20         | 57   | 38.5 | 25.7 | 41   | 24.7 |      | 42.8 | 26.3 |      | 31.8 |      |     | 25.5 |      |     | 20.9 |      |     | 20         |
| 22         | 53   | 37   | 25.4 | 39   | 24.6 |      | 40.7 | 26.2 |      | 30.3 |      |     | 24.0 |      |     | 19.7 |      |     | 22         |
| 24         | 48   | 36   | 24.9 | 37   | 24.3 | 15   | 38.6 | 25.8 | 16.2 | 28.6 | 16.9 |     | 22.8 |      |     | 18.6 |      |     | 24         |
| 26         | 44.5 | 34.5 | 24.4 | 35   | 23.9 | 15.2 | 36.5 | 25.3 | 16.3 | 27.1 | 16.5 |     | 21.6 | 12.6 |     | 17.7 |      |     | 26         |
| 28         | 40.5 | 33.5 | 23.9 | 33.5 | 23.4 | 15.4 | 35.0 | 24.8 | 16.3 | 26.0 | 16.3 |     | 20.4 | 12.6 |     | 16.8 |      |     | 28         |
| 30         | 37   | 32.5 | 23.5 | 32   | 22.8 | 15.4 | 33.4 | 24.1 | 16.3 | 24.7 | 16.1 | 9.3 | 19.5 | 12.6 |     | 15.9 | 10.6 |     | 30         |
| 32         | 33.5 | 31.5 | 23.2 | 30.5 | 22.1 | 15.2 | 31.8 | 23.3 | 16.2 | 23.5 | 15.9 | 9.4 | 18.6 | 12.6 |     | 15.2 | 10.3 |     | 32         |
| 34         | 30.5 | 31   | 22.8 | 29.1 | 21.4 | 15   | 30.4 | 22.6 | 16.0 | 22.4 | 15.7 | 9.5 | 17.8 | 12.6 |     | 14.5 | 10   |     | 34         |
| 36         | 27.3 | 29.5 | 22.6 | 27.8 | 20.7 | 14.7 | 29.0 | 21.8 | 15.6 | 21.5 | 15.5 | 9.6 | 16.9 | 12.6 | 7.1 | 13.9 | 9.7  |     | 36         |
| 38         | 24.5 | 26.5 | 22.3 | 25.8 | 20.1 | 14.4 | 26.9 | 21.2 | 15.3 | 20.6 | 15.3 | 9.7 | 16.2 | 12.5 | 7.1 | 13.2 | 9.5  |     | 38         |
| 40         | 22   | 23.9 | 22.1 | 23.5 | 19.6 | 14.1 | 24.5 | 20.6 | 14.9 | 19.7 | 15.1 | 9.7 | 15.6 | 12.2 | 7.2 | 12.5 | 9.3  |     | 40         |
| 42         | 19.7 | 21.5 | 22   | 21.3 | 19   | 13.9 | 22.2 | 20.0 | 14.7 | 18.8 | 14.8 | 9.7 | 14.9 | 11.8 | 7.1 | 12.1 | 9.1  |     | 42         |
| 44         | 17.7 | 19.3 | 20.3 | 19.2 | 18.5 | 13.7 | 20.0 | 19.5 | 14.5 | 18.1 | 14.4 | 9.6 | 14.3 | 11.4 | 7.1 | 11.6 | 8.8  |     | 44         |
| 46         | 15.8 | 17.2 | 18.1 | 17.3 | 18.1 | 13.5 | 18.1 | 19.0 | 14.3 | 17.5 | 14.0 | 9.5 | 13.7 | 11.1 | 7.0 | 11.1 | 8.5  |     | 46         |
| 48         | 14.1 | 15.4 |      | 15.6 | 17.6 | 13.4 | 16.3 | 18.5 | 14.1 | 16.7 | 13.6 | 9.3 | 13.2 | 10.7 | 6.8 | 10.7 | 8.1  |     | 48         |
| 50         | 12.5 | 13.7 |      | 14.1 | 16   | 13.3 | 14.7 | 16.8 | 14.0 | 15.6 | 13.2 | 9.2 | 12.7 | 10.4 | 6.6 | 10.2 | 7.8  |     | 50         |
| 52         | 11.1 | 12.1 |      | 12.6 | 14.3 | 13.2 | 13.2 | 15.0 | 13.9 | 14.1 | 12.9 | 9.0 | 12.2 | 10.1 | 6.5 | 9.8  | 7.5  |     | 52         |
| 54         | 9.8  | 10.6 |      | 11.3 | 12.8 | 13.2 | 11.8 | 13.4 | 13.9 | 12.7 | 12.6 | 8.9 | 11.5 | 9.7  | 6.4 | 9.4  | 7.3  |     | 54         |
| 56         | 8.5  | 9.2  |      | 10   | 11.4 |      | 10.4 | 11.9 |      | 11.4 | 12.2 | 8.9 | 11.0 | 9.5  | 6.2 | 9    | 7    |     | 56         |
| 58         | 6.4  |      |      | 8.9  | 10.1 |      | 9.3  | 10.6 |      | 10.2 | 11.9 | 8.8 | 10.6 | 9.2  | 6.1 | 8.6  | 6.8  |     | 58         |
| 60         |      |      |      | 7.8  | 8.9  |      | 8.1  | 9.3  |      | 9.1  | 10.9 | 8.8 | 10.0 | 9.0  | 6.0 | 8.1  | 6.5  |     | 60         |
| 62         |      |      |      | 6.8  | 7.7  |      | 7.1  | 8.1  |      | 8.1  | 9.8  |     | 9.0  | 8.7  | 6.0 | 7.7  | 6.3  |     | 62         |
| 64         |      |      |      | 5.1  | 6.6  |      | 5.3  | 6.9  |      | 7.1  | 8.5  |     | 8.0  | 8.5  | 5.9 | 7.5  | 6.1  |     | 64         |
| 66         |      |      |      |      |      |      | 3.3  |      |      | 6.2  | 7.5  |     | 7.1  | 8.4  | 5.8 | 7.2  | 6    |     | 66         |
| 68         |      |      |      |      |      |      |      |      |      | 5.2  | 6.5  |     | 6.0  | 8.0  | 5.8 | 6.9  | 5.8  |     | 68         |
| 70         |      |      |      |      |      |      |      |      |      | 4.1  | 5.4  |     | 4.8  | 7.0  |     | 5.7  | 5.6  |     | 70         |
| 72         |      |      |      |      |      |      |      |      |      | 2.7  |      |     | 3.8  | 6.0  |     | 4.65 | 5.5  |     | 72         |
| 74         |      |      |      |      |      |      |      |      |      |      |      |     | 2.7  | 4.8  |     | 3.6  | 5.3  |     | 74         |
| 76         |      |      |      |      |      |      |      |      |      |      |      |     | 1.8  | 3.6  |     | 2.7  | 5.2  |     | 76         |
| 78         |      |      |      |      |      |      |      |      |      |      |      |     |      | 2.4  |     | 2    | 4.1  |     | 78         |
| 80         |      |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      | 3.0  |     | 80         |
| 82         |      |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      | 2.0  |     | 82         |

# Load Chart - Fixed Jib

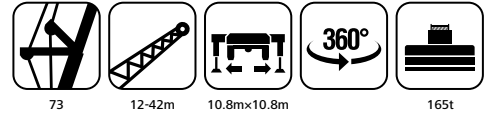
Unit: t



| Radius (m) | 12m  |      |      | 18m  |      |      | 24m  |      |      | 30m  |      |     | 36m  |      |     | 42m  |      |     | Radius (m) |
|------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|------|-----|------------|
|            | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40° | 0°   | 20°  | 40° | 0°   | 20°  | 40° |            |
| 12         |      |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |      |     | 12         |
| 14         | 67   |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |      |     | 14         |
| 16         | 64   |      |      | 46.5 |      |      | 48.3 |      |      | 36.3 |      |     |      |      |     |      |      |     | 16         |
| 18         | 59   | 40.5 |      | 44   |      |      | 45.7 |      |      | 34.3 |      |     | 26.3 |      |     | 21.5 |      |     | 18         |
| 20         | 54   | 39   |      | 42   |      |      | 43.6 |      |      | 32.8 |      |     | 25.0 |      |     | 20.4 |      |     | 20         |
| 22         | 48.5 | 37.5 | 25.1 | 39.5 | 24.7 |      | 41.0 | 26.2 |      | 30.7 |      |     | 23.8 |      |     | 19.3 |      |     | 22         |
| 24         | 44.5 | 36.5 | 25.1 | 38   | 24.7 |      | 39.4 | 26.1 |      | 29.4 |      |     | 22.6 |      |     | 18.4 |      |     | 24         |
| 26         | 41   | 35.5 | 24.6 | 36.5 | 24.7 |      | 37.9 | 26.1 |      | 28.1 | 17.1 |     | 21.4 |      |     | 17.6 |      |     | 26         |
| 28         | 38   | 34.5 | 24.2 | 34.5 | 24.7 | 14.7 | 35.8 | 26.0 | 15.7 | 26.9 | 17.0 |     | 20.6 |      |     | 16.7 |      |     | 28         |
| 30         | 35   | 33.5 | 23.8 | 33   | 24.1 | 15   | 34.3 | 25.4 | 16.0 | 25.6 | 17.0 |     | 19.7 | 12.6 |     | 16   |      |     | 30         |
| 32         | 32.5 | 32.5 | 23.4 | 31.5 | 23.4 | 15.3 | 32.7 | 24.6 | 16.0 | 24.7 | 16.9 | 9.3 | 18.8 | 12.6 |     | 15.3 |      |     | 32         |
| 34         | 29.8 | 31.5 | 23.1 | 29.3 | 22.7 | 15.2 | 30.4 | 23.9 | 16.0 | 23.7 | 16.7 | 9.5 | 18.0 | 12.6 |     | 14.6 | 10.1 |     | 34         |
| 36         | 27.1 | 29   | 22.9 | 27.2 | 22.1 | 14.9 | 28.2 | 23.2 | 15.8 | 22.8 | 16.5 | 9.7 | 17.4 | 12.6 |     | 14   | 10   |     | 36         |
| 38         | 24.6 | 26.8 | 22.6 | 25   | 21.5 | 14.6 | 25.9 | 22.6 | 15.5 | 21.9 | 16.3 | 9.9 | 16.7 | 12.6 | 6.7 | 13.5 | 9.8  |     | 38         |
| 40         | 22.4 | 24.4 | 22.3 | 22.8 | 20.9 | 14.4 | 23.7 | 21.9 | 15.2 | 21.1 | 15.8 | 9.9 | 16.1 | 12.5 | 6.8 | 13   | 9.7  |     | 40         |
| 42         | 20.4 | 22.2 | 22.2 | 20.9 | 20.3 | 14.2 | 21.7 | 21.3 | 15.0 | 20.4 | 15.4 | 9.9 | 15.4 | 12.2 | 7.0 | 12.5 | 9.4  |     | 42         |
| 44         | 18.5 | 20.2 | 21.4 | 19.1 | 19.9 | 14   | 19.8 | 20.8 | 14.8 | 19.7 | 15.0 | 9.8 | 14.9 | 11.9 | 7.1 | 12   | 9.1  |     | 44         |
| 46         | 16.7 | 18.2 | 19.3 | 17.4 | 19.4 | 13.8 | 18.1 | 20.3 | 14.5 | 18.2 | 14.6 | 9.7 | 14.4 | 11.6 | 7.0 | 11.5 | 8.8  |     | 46         |
| 48         | 15   | 16.4 | 17.4 | 15.9 | 18.1 | 13.6 | 16.5 | 18.9 | 14.3 | 16.7 | 14.2 | 9.5 | 14.0 | 11.3 | 6.9 | 11.1 | 8.5  |     | 48         |
| 50         | 13.4 | 14.7 | 15.6 | 14.4 | 16.5 | 13.5 | 14.9 | 17.2 | 14.2 | 15.3 | 13.9 | 9.4 | 13.5 | 10.9 | 6.8 | 10.7 | 8.2  |     | 50         |
| 52         | 12   | 13.2 | 13.9 | 13   | 14.9 | 13.3 | 13.5 | 15.6 | 14.0 | 13.9 | 13.5 | 9.2 | 12.9 | 10.6 | 6.7 | 10.4 | 8    |     | 52         |
| 54         | 10.6 | 11.7 | 12.4 | 11.7 | 13.4 | 13.3 | 12.1 | 14.0 | 14.0 | 12.7 | 13.1 | 9.1 | 12.4 | 10.3 | 6.5 | 10   | 7.7  |     | 54         |
| 56         | 9.4  | 10.4 |      | 10.4 | 12.1 | 13.2 | 10.8 | 12.6 | 13.8 | 11.5 | 12.8 | 8.9 | 11.9 | 10.1 | 6.4 | 9.6  | 7.4  |     | 56         |
| 58         | 8.2  | 9.2  |      | 9.3  | 10.8 | 11.8 | 9.7  | 11.3 | 12.4 | 10.3 | 12.4 | 8.8 | 10.9 | 9.8  | 6.3 | 9.3  | 7.2  |     | 58         |
| 60         | 7.2  | 8    |      | 8.2  | 9.6  | 10.5 | 8.5  | 10.0 | 11.0 | 9.2  | 11.3 | 8.7 | 9.9  | 9.5  | 6.2 | 8.9  | 7    |     | 60         |
| 62         | 6.2  | 6.9  |      | 7.2  | 8.5  |      | 7.5  | 8.9  |      | 8.2  | 10.2 | 8.6 | 8.9  | 9.3  | 6.1 | 8.5  | 6.8  |     | 62         |
| 64         | 5.2  | 5.9  |      | 6.2  | 7.4  |      | 6.4  | 7.7  |      | 7.3  | 9.0  | 8.6 | 8.0  | 9.1  | 6.0 | 8.2  | 6.6  |     | 64         |
| 66         | 4.2  | 4.9  |      | 5.4  | 6.4  |      | 5.6  | 6.7  |      | 6.3  | 8.0  | 8.5 | 7.1  | 8.9  | 5.9 | 7.4  | 6.3  |     | 66         |
| 68         | 2.7  |      |      | 4.6  | 5.5  |      | 4.8  | 5.7  |      | 5.4  | 7.0  | 8.0 | 6.3  | 8.3  | 5.9 | 6.6  | 6.2  |     | 68         |
| 70         |      |      |      | 4    | 4.5  |      | 4.2  | 4.9  |      | 4.7  | 6.0  |     | 5.3  | 7.3  | 5.8 | 5.8  | 6    |     | 70         |
| 72         |      |      |      | 2.6  | 3    |      | 3.1  | 4.2  |      | 4.2  | 5.1  |     | 4.2  | 6.5  | 5.8 | 4.8  | 5.9  |     | 72         |
| 74         |      |      |      | 1.5  |      |      | 2.0  |      |      | 3.2  | 4.5  |     | 3.2  | 5.6  | 5.7 | 3.8  | 5.7  |     | 74         |
| 76         |      |      |      |      |      |      |      |      |      | 2.1  | 3.9  |     | 2.3  | 4.5  |     | 2.9  | 5.6  |     | 76         |
| 78         |      |      |      |      |      |      |      |      |      |      | 2.9  |     |      | 3.5  |     | 2.0  | 4.8  |     | 78         |
| 80         |      |      |      |      |      |      |      |      |      |      | 1.8  |     |      | 2.4  |     |      | 3.75 |     | 80         |
| 82         |      |      |      |      |      |      |      |      |      |      |      |     |      | 1.5  |     |      | 3    |     | 82         |

# Load Chart - Fixed Jib

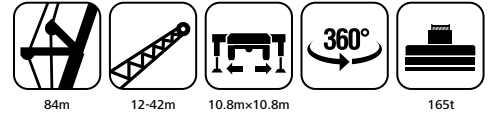
Unit: t



| Radius (m) | 12m  |      |      | 18m  |      |      | 24m  |      |      | 30m  |      |     | 36m  |      |     | 42m  |     |     | Radius (m) |
|------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|-----|-----|------------|
|            | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40° | 0°   | 20°  | 40° | 0°   | 20° | 40° |            |
| 12         |      |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |     |     | 12         |
| 14         |      |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |     |     | 14         |
| 16         |      |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |     |     | 16         |
| 18         | 48.5 |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |     |     | 18         |
| 20         | 46   |      |      | 38.5 |      |      | 39.8 |      |      | 29.9 |      |     |      |      |     |      |     |     | 20         |
| 22         | 43.5 |      |      | 37   |      |      | 38.2 |      |      | 28.7 |      |     | 22.8 |      |     |      |     |     | 22         |
| 24         | 40.5 | 36.5 |      | 35   |      |      | 36.2 |      |      | 27.6 |      |     | 21.9 |      |     | 17.2 |     |     | 24         |
| 26         | 38.5 | 35.5 | 24.4 | 33.5 | 24.7 |      | 34.6 | 26.0 |      | 26.5 |      |     | 21.0 |      |     | 16.4 |     |     | 26         |
| 28         | 35.5 | 34.5 | 24   | 31.5 | 24.4 |      | 32.6 | 25.7 |      | 25.4 |      |     | 20.2 |      |     | 15.8 |     |     | 28         |
| 30         | 33   | 33   | 23.7 | 30   | 23.7 | 14.5 | 31.0 | 24.9 | 15.4 | 24.5 | 16.8 |     | 19.4 |      |     | 15.2 |     |     | 30         |
| 32         | 30.5 | 31.5 | 23.3 | 28.4 | 23.1 | 15.1 | 29.4 | 24.2 | 16.0 | 23.7 | 16.9 |     | 18.7 |      |     | 14.6 |     |     | 32         |
| 34         | 28.2 | 29.4 | 23.1 | 26.9 | 22.5 | 15.1 | 27.8 | 23.6 | 16.0 | 22.9 | 16.6 |     | 18.1 | 12.6 |     | 14   |     |     | 34         |
| 36         | 26.2 | 27.4 | 22.8 | 25.5 | 21.9 | 14.9 | 26.4 | 22.9 | 15.8 | 22.1 | 16.4 | 9.2 | 17.4 | 12.6 |     | 13.5 |     |     | 36         |
| 38         | 24.3 | 25.5 | 22.6 | 23.7 | 21.4 | 14.6 | 24.5 | 22.4 | 15.4 | 21.2 | 16.1 | 9.5 | 16.8 | 12.6 |     | 13.1 | 9.7 |     | 38         |
| 40         | 22.3 | 23.8 | 22.4 | 22.2 | 20.9 | 14.4 | 22.9 | 21.8 | 15.2 | 20.4 | 15.7 | 9.7 | 16.3 | 12.5 |     | 12.6 | 9.6 |     | 40         |
| 42         | 20.4 | 22.2 | 22.2 | 20.5 | 20.4 | 14.2 | 21.2 | 21.3 | 15.0 | 19.6 | 15.3 | 9.9 | 15.8 | 12.2 | 6.6 | 12.1 | 9.3 |     | 42         |
| 44         | 18.6 | 20.3 | 21.6 | 18.8 | 20   | 14.1 | 19.4 | 20.9 | 14.8 | 18.8 | 14.9 | 9.9 | 15.3 | 11.9 | 6.8 | 11.8 | 9.1 |     | 44         |
| 46         | 17   | 18.6 | 19.8 | 17.3 | 19.4 | 13.9 | 17.9 | 20.2 | 14.6 | 17.8 | 14.6 | 9.7 | 14.8 | 11.6 | 6.9 | 11.4 | 8.8 |     | 46         |
| 48         | 15.4 | 16.9 | 18.1 | 15.8 | 18   | 13.7 | 16.3 | 18.8 | 14.4 | 16.3 | 14.3 | 9.5 | 14.3 | 11.3 | 6.9 | 11   | 8.5 |     | 48         |
| 50         | 14   | 15.4 | 16.5 | 14.4 | 16.5 | 13.6 | 14.9 | 17.2 | 14.3 | 15.0 | 13.9 | 9.4 | 13.8 | 11.0 | 6.8 | 10.7 | 8.3 |     | 50         |
| 52         | 12.7 | 14   | 15   | 13.2 | 15.1 | 13.5 | 13.6 | 15.7 | 14.1 | 13.7 | 13.6 | 9.3 | 13.2 | 10.8 | 6.7 | 10.3 | 8.1 |     | 52         |
| 54         | 11.4 | 12.7 | 13.5 | 12   | 13.8 | 13.4 | 12.4 | 14.4 | 14.0 | 12.6 | 13.3 | 9.1 | 12.5 | 10.5 | 6.6 | 9.9  | 7.8 |     | 54         |
| 56         | 10   | 11.4 | 12.1 | 10.9 | 12.6 | 13.2 | 11.3 | 13.1 | 13.8 | 11.4 | 12.9 | 8.9 | 11.5 | 10.3 | 6.5 | 9.5  | 7.6 |     | 56         |
| 58         | 8.6  | 10.2 | 10.8 | 9.8  | 11.5 | 12.7 | 10.1 | 12.0 | 13.3 | 10.4 | 12.6 | 8.8 | 10.5 | 10.0 | 6.4 | 9    | 7.4 |     | 58         |
| 60         | 7.5  | 9    | 9.6  | 8.6  | 10.4 | 11.4 | 8.9  | 10.8 | 11.9 | 9.4  | 11.6 | 8.7 | 9.6  | 9.8  | 6.3 | 8.6  | 7.2 |     | 60         |
| 62         | 6.4  | 7.9  |      | 7.4  | 9.3  | 10.2 | 7.6  | 9.7  | 10.6 | 8.5  | 10.5 | 8.7 | 8.7  | 9.6  | 6.2 | 8.2  | 7   |     | 62         |
| 64         | 5.4  | 6.7  |      | 6.3  | 8.2  | 9.1  | 6.5  | 8.5  | 9.5  | 7.7  | 9.6  | 8.6 | 7.8  | 9.4  | 6.1 | 7.8  | 6.8 |     | 64         |
| 66         | 4.3  | 5.6  |      | 5.3  | 7.2  | 8    | 5.5  | 7.5  | 8.3  | 6.7  | 8.6  | 8.4 | 7.1  | 9.2  | 6.0 | 7    | 6.6 |     | 66         |
| 68         | 3.2  | 4.5  |      | 4.4  | 6.3  | 7    | 4.5  | 6.5  | 7.3  | 5.8  | 7.7  | 8.0 | 6.3  | 8.4  | 5.9 | 6.3  | 6.4 |     | 68         |
| 70         | 2.5  | 3.4  |      | 3.5  | 5.5  |      | 3.6  | 5.7  |      | 4.9  | 6.8  | 7.5 | 5.7  | 7.6  | 5.9 | 5.6  | 6.3 |     | 70         |
| 72         | 1.8  | 2.5  |      | 2.6  | 4.4  |      | 2.7  | 4.6  |      | 4.1  | 5.8  | 6.9 | 4.7  | 6.8  | 5.8 | 4.9  | 6.1 |     | 72         |
| 74         |      | 1.6  |      | 1.6  | 3.4  |      | 1.7  | 3.5  |      | 3.3  | 5.0  | 5.9 | 3.6  | 6.0  | 5.7 | 4.1  | 5.9 |     | 74         |
| 76         |      |      |      |      | 2.4  |      |      | 2.5  |      | 2.5  | 4.4  |     | 2.7  | 5.2  | 5.7 | 3.2  | 5.7 |     | 76         |
| 78         |      |      |      |      | 1.7  |      |      | 1.8  |      |      | 3.6  |     | 1.8  | 4.4  | 5.6 | 2.3  | 5   |     | 78         |
| 80         |      |      |      |      |      |      |      |      |      |      | 2.7  |     |      | 3.3  | 4.7 |      | 4.4 |     | 80         |
| 82         |      |      |      |      |      |      |      |      |      |      |      |     |      | 2.4  | 4.1 |      | 3.3 |     | 82         |

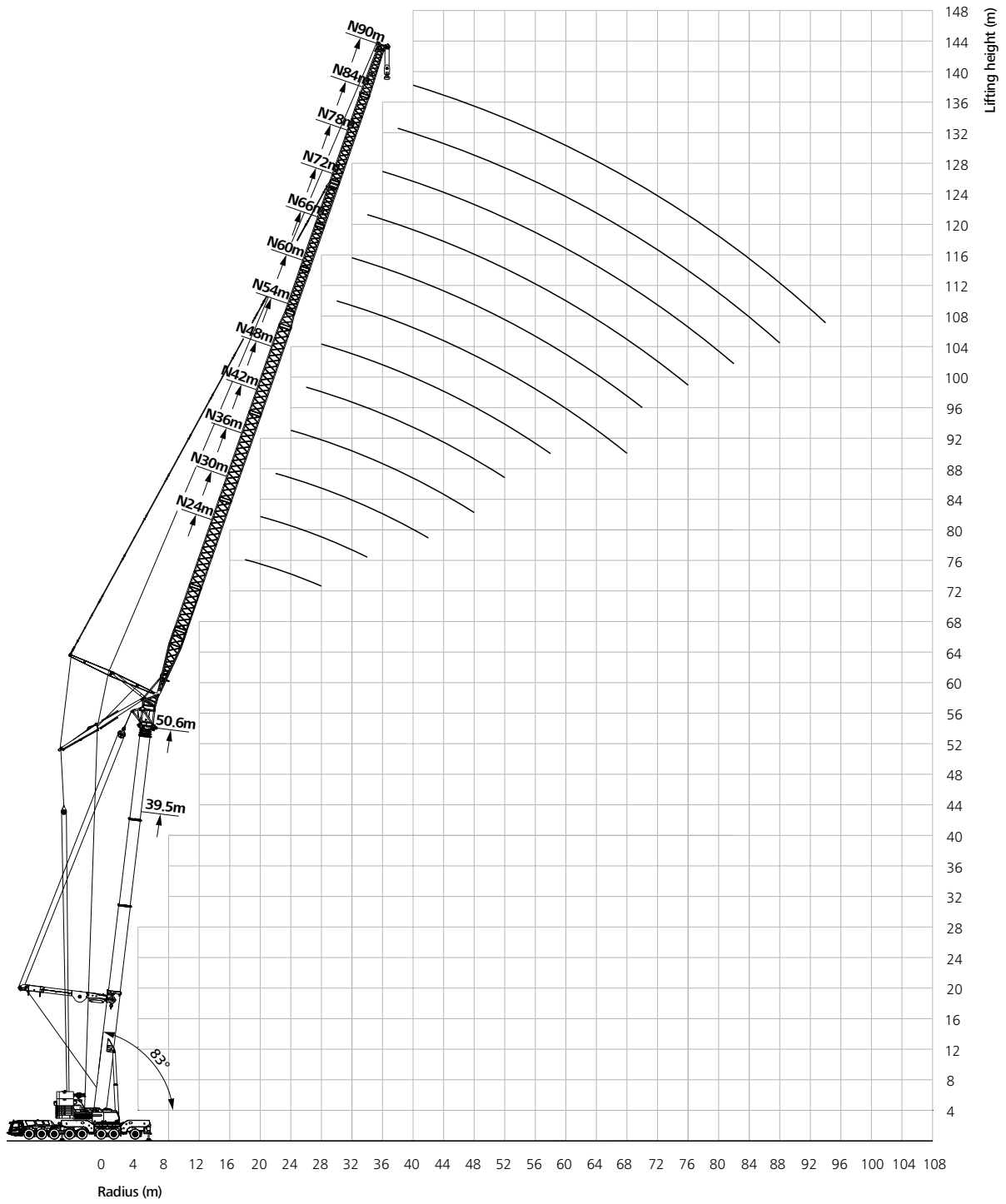
# Load Chart - Fixed Jib

Unit: t



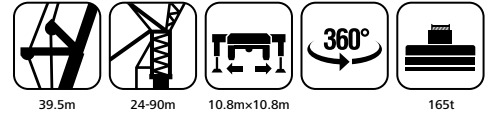
| Radius (m) | 12m  |      |      | 18m  |      |      | 24m  |      |      | 30m  |      |     | 36m  |     |     | 42m  |     |     | Radius (m) |
|------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|-----|------------|
|            | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40°  | 0°   | 20°  | 40° | 0°   | 20° | 40° | 0°   | 20° | 40° |            |
| 12         |      |      |      |      |      |      |      |      |      |      |      |     |      |     |     |      |     |     | 12         |
| 14         |      |      |      |      |      |      |      |      |      |      |      |     |      |     |     |      |     |     | 14         |
| 16         |      |      |      |      |      |      |      |      |      |      |      |     |      |     |     |      |     |     | 16         |
| 18         |      |      |      |      |      |      |      |      |      |      |      |     |      |     |     |      |     |     | 18         |
| 20         |      |      |      |      |      |      |      |      |      |      |      |     |      |     |     |      |     |     | 20         |
| 22         | 27.7 |      |      |      |      |      |      |      |      |      |      |     |      |     |     |      |     |     | 22         |
| 24         | 26.4 |      |      | 22   |      |      | 22.7 |      |      |      |      |     |      |     |     |      |     |     | 24         |
| 26         | 25.3 | 22.8 |      | 21   |      |      | 21.6 |      |      | 17.3 |      |     |      |     |     |      |     |     | 26         |
| 28         | 24.1 | 21.9 |      | 20.1 |      |      | 20.7 |      |      | 16.6 |      |     | 13.9 |     |     | 12.5 |     |     | 28         |
| 30         | 23.1 | 21.1 | 19.2 | 19.3 | 16.9 |      | 19.9 | 17.7 |      | 15.9 |      |     | 13.3 |     |     | 12.3 |     |     | 30         |
| 32         | 22.2 | 20.3 | 19   | 18.5 | 16.5 |      | 19.1 | 17.3 |      | 15.3 |      |     | 12.8 |     |     | 11.8 |     |     | 32         |
| 34         | 21.3 | 19.5 | 18.5 | 17.7 | 16   | 11.7 | 18.2 | 16.7 | 12.4 | 14.6 | 10.8 |     | 12.2 |     |     | 11.3 |     |     | 34         |
| 36         | 20.3 | 18.9 | 18   | 17   | 15.4 | 11.7 | 17.5 | 16.1 | 12.3 | 14.0 | 10.7 |     | 11.7 |     |     | 10.9 |     |     | 36         |
| 38         | 19.3 | 18.2 | 17.5 | 16.3 | 14.8 | 11.7 | 16.8 | 15.4 | 12.3 | 13.5 | 10.5 |     | 11.2 | 8.2 |     | 10.4 |     |     | 38         |
| 40         | 18.3 | 17.5 | 16.9 | 15.7 | 14.4 | 11.8 | 16.2 | 15.0 | 12.3 | 12.9 | 10.4 | 7.0 | 10.8 | 8.0 |     | 10   |     |     | 40         |
| 42         | 17.3 | 17   | 16.4 | 15.1 | 13.9 | 11.8 | 15.6 | 14.5 | 12.3 | 12.3 | 10.1 | 7.0 | 10.4 | 7.9 |     | 9.6  | 6.7 |     | 42         |
| 44         | 16.2 | 16.4 | 15.9 | 14.6 | 13.4 | 11.8 | 15.0 | 14.0 | 12.3 | 11.9 | 10.0 | 7.0 | 9.9  | 7.7 |     | 9.3  | 6.5 |     | 44         |
| 46         | 15.2 | 15.9 | 15.4 | 14   | 12.9 | 11.8 | 14.4 | 13.4 | 12.3 | 11.5 | 9.8  | 7.0 | 9.5  | 7.6 | 4.7 | 8.9  | 6.4 |     | 46         |
| 48         | 14.2 | 15.3 | 14.9 | 13.4 | 12.5 | 11.8 | 13.8 | 13.0 | 12.3 | 11.0 | 9.7  | 7.0 | 9.2  | 7.5 | 4.7 | 8.5  | 6.3 |     | 48         |
| 50         | 13.2 | 14.6 | 14.5 | 12.8 | 12.1 | 11.6 | 13.2 | 12.6 | 12.1 | 10.6 | 9.6  | 7.0 | 8.8  | 7.4 | 4.7 | 8.2  | 6.1 |     | 50         |
| 52         | 12.2 | 13.6 | 13.8 | 12   | 11.8 | 11.2 | 12.4 | 12.3 | 11.7 | 10.2 | 9.3  | 7.1 | 8.5  | 7.3 | 4.8 | 7.9  | 6   |     | 52         |
| 54         | 11.2 | 12.6 | 13   | 11.2 | 11.4 | 10.9 | 11.5 | 11.8 | 11.4 | 9.8  | 9.0  | 7.1 | 8.2  | 7.2 | 4.8 | 7.6  | 5.9 |     | 54         |
| 56         | 10.2 | 11.6 | 12.1 | 10.3 | 10.8 | 10.6 | 10.6 | 11.2 | 11.1 | 9.1  | 8.7  | 7.1 | 7.8  | 7.0 | 4.8 | 7.3  | 5.8 |     | 56         |
| 58         | 9.1  | 10.7 | 11.3 | 9.5  | 10.3 | 10.3 | 9.8  | 10.7 | 10.7 | 8.4  | 8.4  | 7.1 | 7.5  | 6.9 | 4.8 | 7    | 5.7 |     | 58         |
| 60         | 8    | 9.6  | 10.4 | 8.7  | 9.7  | 9.8  | 9.0  | 10.1 | 10.2 | 7.6  | 8.2  | 7.1 | 7.0  | 6.7 | 4.8 | 6.7  | 5.6 |     | 60         |
| 62         | 6.9  | 8.4  | 9.2  | 7.7  | 9.1  | 9.4  | 7.9  | 9.4  | 9.8  | 6.9  | 7.8  | 7.1 | 6.6  | 6.5 | 4.8 | 6.5  | 5.5 |     | 62         |
| 64         | 5.8  | 7.3  | 8    | 6.8  | 8.5  | 9    | 7.0  | 8.8  | 9.4  | 6.3  | 7.3  | 7.0 | 6.1  | 6.3 | 4.9 | 6.2  | 5.4 |     | 64         |
| 66         | 4.7  | 6.1  | 6.8  | 5.8  | 7.7  | 8.5  | 6.0  | 8.0  | 8.8  | 5.6  | 6.8  | 6.8 | 5.6  | 6.2 | 4.9 | 6    | 5.3 |     | 66         |
| 68         | 3.8  | 5    | 5.6  | 4.9  | 6.7  | 7.7  | 5.0  | 6.9  | 8.0  | 4.8  | 6.3  | 6.6 | 5.1  | 5.9 | 4.9 | 5.8  | 5.2 |     | 68         |
| 70         | 3.1  | 4    |      | 3.9  | 5.7  | 6.7  | 4.0  | 5.9  | 7.0  | 4.1  | 5.9  | 6.2 | 4.6  | 5.6 | 4.9 | 5.5  | 5.1 |     | 70         |
| 72         | 2.3  | 3.1  |      | 3    | 4.8  | 5.6  | 3.1  | 5.0  | 5.8  | 3.4  | 5.3  | 6.0 | 3.9  | 5.3 | 4.8 | 5    | 5   |     | 72         |
| 74         |      | 2.2  |      | 2.5  | 3.8  | 4.6  | 2.6  | 3.9  | 4.8  | 2.5  | 4.5  | 5.5 | 3.2  | 5.0 | 4.7 | 4.4  | 4.8 |     | 74         |
| 76         |      |      |      | 2    | 3    |      | 2.1  | 3.1  |      | 1.8  | 3.7  | 4.7 | 2.5  | 4.7 | 4.6 | 3.6  | 4.6 |     | 76         |
| 78         |      |      |      |      | 2.4  |      |      | 2.5  |      |      | 3.0  | 3.9 | 1.9  | 4.3 | 4.4 | 2.7  | 4.5 |     | 78         |
| 80         |      |      |      |      | 1.8  |      |      | 1.9  |      |      | 2.1  | 3.1 |      | 3.6 | 4.3 | 2.0  | 4.3 |     | 80         |
| 82         |      |      |      |      |      |      |      |      |      |      |      | 2.2 |      | 2.9 | 3.7 |      | 4.1 |     | 82         |
| 84         |      |      |      |      |      |      |      |      |      |      |      |     |      | 2.3 | 3.0 |      | 3.2 |     | 84         |
| 86         |      |      |      |      |      |      |      |      |      |      |      |     |      | 1.6 | 2.4 |      | 2.5 |     | 86         |
| 88         |      |      |      |      |      |      |      |      |      |      |      |     |      |     | 1.8 |      |     |     | 88         |

# Jib Operating Range



# Load Chart - Tower Jib

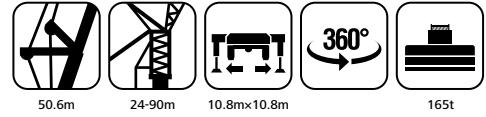
Unit: t



| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 90   | Working radius (m) |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|
| 16                 | 87.0 |      |      |      |      |      |      |      |      |      |      |      | 16                 |
| 18                 | 83.0 | 78.9 |      |      |      |      |      |      |      |      |      |      | 18                 |
| 20                 | 79.4 | 73.6 | 69.4 |      |      |      |      |      |      |      |      |      | 20                 |
| 22                 | 74.0 | 69.4 | 65.2 | 58.8 |      |      |      |      |      |      |      |      | 22                 |
| 24                 | 68.5 | 64.1 | 61.1 | 56.7 | 47   |      |      |      |      |      |      |      | 24                 |
| 26                 | 61.9 | 60.9 | 57.9 | 54.7 | 46   | 37   |      |      |      |      |      |      | 26                 |
| 28                 |      | 56.6 | 54.8 | 52.6 | 45   | 36.5 | 30   |      |      |      |      |      | 28                 |
| 30                 |      | 52.9 | 51.2 | 49.5 | 44.5 | 35.5 | 29.7 | 31.2 |      |      |      |      | 30                 |
| 32                 |      | 48.7 | 48.1 | 46.5 | 43.5 | 35   | 29.4 | 30.8 | 24.6 |      |      |      | 32                 |
| 34                 |      |      | 44.9 | 43.4 | 42   | 34.5 | 29   | 30.4 | 23.8 | 20.6 |      |      | 34                 |
| 36                 |      |      | 42.4 | 40.9 | 40   | 34   | 28.7 | 30.1 | 23.0 | 20.3 | 15.7 |      | 36                 |
| 38                 |      |      | 39.8 | 38.3 | 37.5 | 33.5 | 28.4 | 29.8 | 22.4 | 20.0 | 15.3 | 13.3 | 38                 |
| 40                 |      |      |      | 36.3 | 35   | 32.5 | 28.2 | 29.6 | 21.8 | 19.7 | 14.8 | 13.2 | 40                 |
| 42                 |      |      |      | 34.3 | 33.5 | 32   | 27.9 | 29.3 | 21.2 | 19.2 | 14.4 | 12.8 | 42                 |
| 44                 |      |      |      | 32.2 | 31.5 | 31   | 27.6 | 28.9 | 20.5 | 18.7 | 14   | 12.4 | 44                 |
| 46                 |      |      |      | 30.0 | 29.8 | 29.4 | 27.3 | 28.6 | 19.9 | 18.3 | 13.6 | 12.1 | 46                 |
| 48                 |      |      |      |      | 28.3 | 27.9 | 27.1 | 28.4 | 19.3 | 18.0 | 13.3 | 11.8 | 48                 |
| 50                 |      |      |      |      | 27   | 26.6 | 26.1 | 27.4 | 18.8 | 17.6 | 12.9 | 11.5 | 50                 |
| 52                 |      |      |      |      |      | 25.3 | 24.8 | 26.0 | 18.4 | 17.3 | 12.6 | 11.2 | 52                 |
| 54                 |      |      |      |      |      | 24.1 | 23.6 | 24.7 | 17.9 | 16.9 | 12.3 | 10.9 | 54                 |
| 56                 |      |      |      |      |      | 23   | 22.5 | 23.6 | 17.6 | 16.6 | 11.9 | 10.7 | 56                 |
| 58                 |      |      |      |      |      |      | 21.5 | 22.5 | 17.2 | 16.3 | 11.6 | 10.4 | 58                 |
| 60                 |      |      |      |      |      |      | 20.6 | 21.6 | 16.9 | 16.0 | 11.4 | 10.1 | 60                 |
| 62                 |      |      |      |      |      |      | 19.7 | 20.7 | 16.5 | 15.7 | 11.1 | 9.9  | 62                 |
| 64                 |      |      |      |      |      |      | 18.9 | 19.8 | 16.2 | 15.5 | 10.9 | 9.7  | 64                 |
| 66                 |      |      |      |      |      |      | 17.4 | 18.2 | 16.0 | 15.1 | 10.7 | 9.5  | 66                 |
| 68                 |      |      |      |      |      |      |      | 15.2 | 15.8 | 14.9 | 10.4 | 9.3  | 68                 |
| 70                 |      |      |      |      |      |      |      |      | 15.6 | 14.7 | 10.2 | 9.2  | 70                 |
| 72                 |      |      |      |      |      |      |      |      | 15.2 | 14.4 | 10   | 9    | 72                 |
| 74                 |      |      |      |      |      |      |      |      | 12.9 | 14.3 | 9.8  | 8.9  | 74                 |
| 76                 |      |      |      |      |      |      |      |      |      | 14.1 | 9.6  | 8.7  | 76                 |
| 78                 |      |      |      |      |      |      |      |      |      | 13.5 | 9.5  | 8.6  | 78                 |
| 80                 |      |      |      |      |      |      |      |      |      | 11.7 | 9.3  | 8.4  | 80                 |
| 82                 |      |      |      |      |      |      |      |      |      |      | 9.2  | 8.3  | 82                 |
| 84                 |      |      |      |      |      |      |      |      |      |      | 9.1  | 8.2  | 84                 |
| 86                 |      |      |      |      |      |      |      |      |      |      | 9.1  | 8.1  | 86                 |
| 88                 |      |      |      |      |      |      |      |      |      |      |      | 8    | 88                 |
| 90                 |      |      |      |      |      |      |      |      |      |      |      | 7.9  | 90                 |
| 92                 |      |      |      |      |      |      |      |      |      |      |      | 7.9  | 92                 |
| 94                 |      |      |      |      |      |      |      |      |      |      |      |      | 94                 |

# Load Chart - Tower Jib

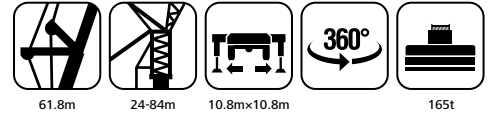
Unit: t



| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 90  | Working radius (m) |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|-----|--------------------|
| 16                 |      |      |      |      |      |      |      |      |      |      |      |     | 16                 |
| 18                 | 79.9 |      |      |      |      |      |      |      |      |      |      |     | 18                 |
| 20                 | 73.5 | 67.2 |      |      |      |      |      |      |      |      |      |     | 20                 |
| 22                 | 68.1 | 64.0 | 57.1 |      |      |      |      |      |      |      |      |     | 22                 |
| 24                 | 64.9 | 59.8 | 53.9 | 47.8 |      |      |      |      |      |      |      |     | 24                 |
| 26                 | 61.7 | 55.5 | 51.8 | 45.7 | 40   |      |      |      |      |      |      |     | 26                 |
| 28                 | 55.0 | 52.9 | 49.2 | 44.1 | 39   | 31.5 |      |      |      |      |      |     | 28                 |
| 30                 |      | 50.2 | 46.1 | 42.6 | 37.5 | 31.5 | 25.3 |      |      |      |      |     | 30                 |
| 32                 |      | 47.6 | 44.0 | 41.0 | 36.5 | 31.5 | 25.3 | 26.6 |      |      |      |     | 32                 |
| 34                 |      | 44.9 | 41.9 | 39.0 | 35.5 | 31.5 | 25.3 | 26.6 | 20.9 |      |      |     | 34                 |
| 36                 |      |      | 39.8 | 36.9 | 34.5 | 31   | 25.3 | 26.6 | 20.9 | 16.7 |      |     | 36                 |
| 38                 |      |      | 37.7 | 35.4 | 33   | 30   | 25.3 | 26.6 | 20.9 | 16.6 | 13   |     | 38                 |
| 40                 |      |      | 35.7 | 34.3 | 31.5 | 29.3 | 25.2 | 26.4 | 20.9 | 16.6 | 13   | 9.9 | 40                 |
| 42                 |      |      | 34.0 | 32.3 | 30.5 | 28.6 | 24.9 | 26.1 | 20.6 | 16.6 | 13   | 9.9 | 42                 |
| 44                 |      |      |      | 30.8 | 29.5 | 27.6 | 24.5 | 25.7 | 19.9 | 16.6 | 13   | 9.9 | 44                 |
| 46                 |      |      |      | 29.0 | 28   | 26.7 | 24.2 | 25.4 | 19.4 | 16.6 | 12.8 | 9.9 | 46                 |
| 48                 |      |      |      | 27.5 | 26.6 | 25.9 | 23.4 | 24.6 | 18.9 | 16.6 | 12.5 | 9.9 | 48                 |
| 50                 |      |      |      |      |      | 24.8 | 22.5 | 23.6 | 18.5 | 16.6 | 12.3 | 9.9 | 50                 |
| 52                 |      |      |      |      |      | 23.6 | 21.7 | 22.8 | 18.0 | 16.6 | 12   | 9.9 | 52                 |
| 54                 |      |      |      |      |      | 22.5 | 20.9 | 21.9 | 17.7 | 16.4 | 11.8 | 9.9 | 54                 |
| 56                 |      |      |      |      |      | 21.5 | 20.1 | 21.1 | 17.3 | 16.1 | 11.6 | 9.9 | 56                 |
| 58                 |      |      |      |      |      | 20.5 | 19.3 | 20.2 | 17.0 | 15.8 | 11.4 | 9.9 | 58                 |
| 60                 |      |      |      |      |      |      | 18.6 | 19.5 | 16.7 | 15.6 | 11.1 | 9.9 | 60                 |
| 62                 |      |      |      |      |      |      | 17.9 | 18.8 | 16.4 | 15.3 | 10.9 | 9.9 | 62                 |
| 64                 |      |      |      |      |      |      | 17.3 | 18.1 | 15.8 | 14.7 | 10.7 | 9.8 | 64                 |
| 66                 |      |      |      |      |      |      | 16.7 | 17.5 | 15.3 | 14.1 | 10.5 | 9.7 | 66                 |
| 68                 |      |      |      |      |      |      | 16.1 | 16.9 | 14.8 | 13.6 | 10.3 | 9.5 | 68                 |
| 70                 |      |      |      |      |      |      |      | 16.1 | 14.2 | 13.1 | 10.1 | 9.3 | 70                 |
| 72                 |      |      |      |      |      |      |      |      | 13.8 | 12.6 | 9.9  | 9.1 | 72                 |
| 74                 |      |      |      |      |      |      |      |      | 13.6 | 12.2 | 9.7  | 8.7 | 74                 |
| 76                 |      |      |      |      |      |      |      |      | 13.4 | 11.8 | 9.5  | 8.3 | 76                 |
| 78                 |      |      |      |      |      |      |      |      |      | 11.5 | 9.4  | 8   | 78                 |
| 80                 |      |      |      |      |      |      |      |      |      | 11.3 | 9.2  | 7.6 | 80                 |
| 82                 |      |      |      |      |      |      |      |      |      | 11.1 | 9.1  | 7.3 | 82                 |
| 84                 |      |      |      |      |      |      |      |      |      |      | 8.8  | 6.9 | 84                 |
| 86                 |      |      |      |      |      |      |      |      |      |      | 8.6  | 6.6 | 86                 |
| 88                 |      |      |      |      |      |      |      |      |      |      | 8.5  | 6.4 | 88                 |
| 90                 |      |      |      |      |      |      |      |      |      |      |      | 6.1 | 90                 |
| 92                 |      |      |      |      |      |      |      |      |      |      |      | 5.9 | 92                 |
| 94                 |      |      |      |      |      |      |      |      |      |      |      | 5.7 | 94                 |

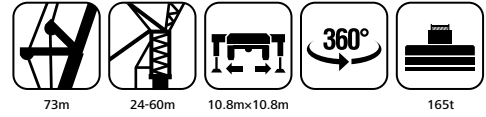
# Load Chart - Tower Jib

Unit: t



| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84  | Working radius (m) |
|--------------------|------|------|------|------|------|------|------|------|------|------|-----|--------------------|
| 20                 | 58.8 |      |      |      |      |      |      |      |      |      |     | 20                 |
| 22                 | 55.1 | 50.7 |      |      |      |      |      |      |      |      |     | 22                 |
| 24                 | 51.9 | 48.0 | 44.2 |      |      |      |      |      |      |      |     | 24                 |
| 26                 | 48.6 | 44.9 | 42.1 | 36.7 |      |      |      |      |      |      |     | 26                 |
| 28                 | 45.4 | 42.2 | 40.0 | 35.1 |      |      |      |      |      |      |     | 28                 |
| 30                 |      | 40.1 | 37.9 | 34.1 | 29.1 |      |      |      |      |      |     | 30                 |
| 32                 |      | 37.4 | 35.8 | 32.5 | 28.4 | 23.2 |      |      |      |      |     | 32                 |
| 34                 |      | 35.3 | 33.7 | 31.5 | 27.3 | 23.2 | 17.3 | 18.2 |      |      |     | 34                 |
| 36                 |      | 33.0 | 32.1 | 30.1 | 26.4 | 23.1 | 17.3 | 18.2 | 13.4 |      |     | 36                 |
| 38                 |      |      | 30.4 | 29.0 | 25.5 | 22.7 | 17.4 | 18.3 | 13.5 | 10.0 |     | 38                 |
| 40                 |      |      | 28.8 | 27.6 | 24.6 | 22.1 | 17.4 | 18.3 | 13.5 | 10.0 | 7.2 | 40                 |
| 42                 |      |      | 27.0 | 26.2 | 23.8 | 21.4 | 17.4 | 18.3 | 13.5 | 10.0 | 7.3 | 42                 |
| 44                 |      |      |      | 25.0 | 22.9 | 20.8 | 17.4 | 18.3 | 13.4 | 10.0 | 7.3 | 44                 |
| 46                 |      |      |      | 23.8 | 21.8 | 20.2 | 17.4 | 18.3 | 13.4 | 10.0 | 7.3 | 46                 |
| 48                 |      |      |      | 22.3 | 20.8 | 19.6 | 16.9 | 17.7 | 13.4 | 10.0 | 7.3 | 48                 |
| 50                 |      |      |      | 21.0 | 19.9 | 18.9 | 16.3 | 17.1 | 13.4 | 10.0 | 7.3 | 50                 |
| 52                 |      |      |      |      | 19   | 18.2 | 15.6 | 16.4 | 13.4 | 10.0 | 7.3 | 52                 |
| 54                 |      |      |      |      | 18.3 | 17.4 | 14.9 | 15.6 | 12.9 | 10.0 | 7.3 | 54                 |
| 56                 |      |      |      |      |      | 16.7 | 14.3 | 15.0 | 12.3 | 10.0 | 7.3 | 56                 |
| 58                 |      |      |      |      |      | 16   | 13.7 | 14.4 | 11.7 | 10.0 | 7.3 | 58                 |
| 60                 |      |      |      |      |      | 15.3 | 13.1 | 13.7 | 11.2 | 9.6  | 7.3 | 60                 |
| 62                 |      |      |      |      |      |      | 12.5 | 13.1 | 10.6 | 9.1  | 7   | 62                 |
| 64                 |      |      |      |      |      |      | 11.9 | 12.5 | 10.1 | 8.6  | 6.6 | 64                 |
| 66                 |      |      |      |      |      |      | 11.4 | 12.0 | 9.6  | 8.2  | 6.2 | 66                 |
| 68                 |      |      |      |      |      |      | 11   | 11.5 | 9.1  | 7.7  | 5.9 | 68                 |
| 70                 |      |      |      |      |      |      | 10.6 | 11.1 | 8.7  | 7.3  | 5.6 | 70                 |
| 72                 |      |      |      |      |      |      |      |      | 8.3  | 6.9  | 5.3 | 72                 |
| 74                 |      |      |      |      |      |      |      |      | 7.8  | 6.5  | 5   | 74                 |
| 76                 |      |      |      |      |      |      |      |      | 7.6  | 6.1  | 4.7 | 76                 |
| 78                 |      |      |      |      |      |      |      |      | 7.1  | 5.8  | 4.4 | 78                 |
| 80                 |      |      |      |      |      |      |      |      |      | 5.5  | 4.1 | 80                 |
| 82                 |      |      |      |      |      |      |      |      |      | 5.3  | 3.9 | 82                 |
| 84                 |      |      |      |      |      |      |      |      |      | 5.1  | 3.7 | 84                 |
| 86                 |      |      |      |      |      |      |      |      |      |      | 3.5 | 86                 |
| 88                 |      |      |      |      |      |      |      |      |      |      | 3.3 | 88                 |
| 90                 |      |      |      |      |      |      |      |      |      |      | 3.2 | 90                 |

## Load Chart - Tower Jib

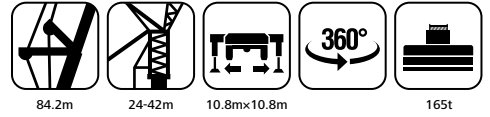


Unit: t

| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54   | 60  | Working radius (m) |
|--------------------|------|------|------|------|------|------|-----|--------------------|
| 20                 |      |      |      |      |      |      |     | 20                 |
| 22                 | 43.7 |      |      |      |      |      |     | 22                 |
| 24                 | 41.7 | 35.2 |      |      |      |      |     | 24                 |
| 26                 | 39.0 | 33.6 | 29.8 |      |      |      |     | 26                 |
| 28                 | 36.8 | 31.7 | 28.3 |      |      |      |     | 28                 |
| 30                 | 33.0 | 30.1 | 26.9 | 23.8 |      |      |     | 30                 |
| 32                 |      | 28.6 | 25.6 | 22.6 | 19.4 |      |     | 32                 |
| 34                 |      | 27.3 | 24.4 | 21.7 | 18.7 | 14.0 |     | 34                 |
| 36                 |      | 26.0 | 23.3 | 20.7 | 18.0 | 14.2 | 9.5 | 36                 |
| 38                 |      |      | 22.3 | 19.8 | 17.2 | 14.3 | 9.7 | 38                 |
| 40                 |      |      | 21.5 | 19.0 | 16.6 | 13.9 | 9.7 | 40                 |
| 42                 |      |      | 20.5 | 18.3 | 15.9 | 13.4 | 9.7 | 42                 |
| 44                 |      |      | 19.8 | 17.6 | 15.3 | 12.9 | 9.7 | 44                 |
| 46                 |      |      |      | 16.9 | 14.7 | 12.4 | 9.4 | 46                 |
| 48                 |      |      |      | 16.3 | 14.2 | 11.9 | 8.9 | 48                 |
| 50                 |      |      |      | 15.7 | 13.7 | 11.4 | 8.4 | 50                 |
| 52                 |      |      |      |      | 13.3 | 10.8 | 7.9 | 52                 |
| 54                 |      |      |      |      | 12.8 | 10.3 | 7.4 | 54                 |
| 56                 |      |      |      |      |      | 9.8  | 7.0 | 56                 |
| 58                 |      |      |      |      |      | 9.3  | 6.6 | 58                 |
| 60                 |      |      |      |      |      | 8.8  | 6.3 | 60                 |
| 62                 |      |      |      |      |      |      | 5.9 | 62                 |
| 64                 |      |      |      |      |      |      | 5.6 | 64                 |
| 66                 |      |      |      |      |      |      | 5.2 | 66                 |
| 68                 |      |      |      |      |      |      | 5.0 | 68                 |
| 70                 |      |      |      |      |      |      | 4.7 | 70                 |
| 72                 |      |      |      |      |      |      | 4.5 | 72                 |
| 74                 |      |      |      |      |      |      |     | 74                 |
| 76                 |      |      |      |      |      |      |     | 76                 |
| 78                 |      |      |      |      |      |      |     | 78                 |
| 80                 |      |      |      |      |      |      |     | 80                 |
| 82                 |      |      |      |      |      |      |     | 82                 |
| 84                 |      |      |      |      |      |      |     | 84                 |
| 86                 |      |      |      |      |      |      |     | 86                 |
| 88                 |      |      |      |      |      |      |     | 88                 |
| 90                 |      |      |      |      |      |      |     | 90                 |

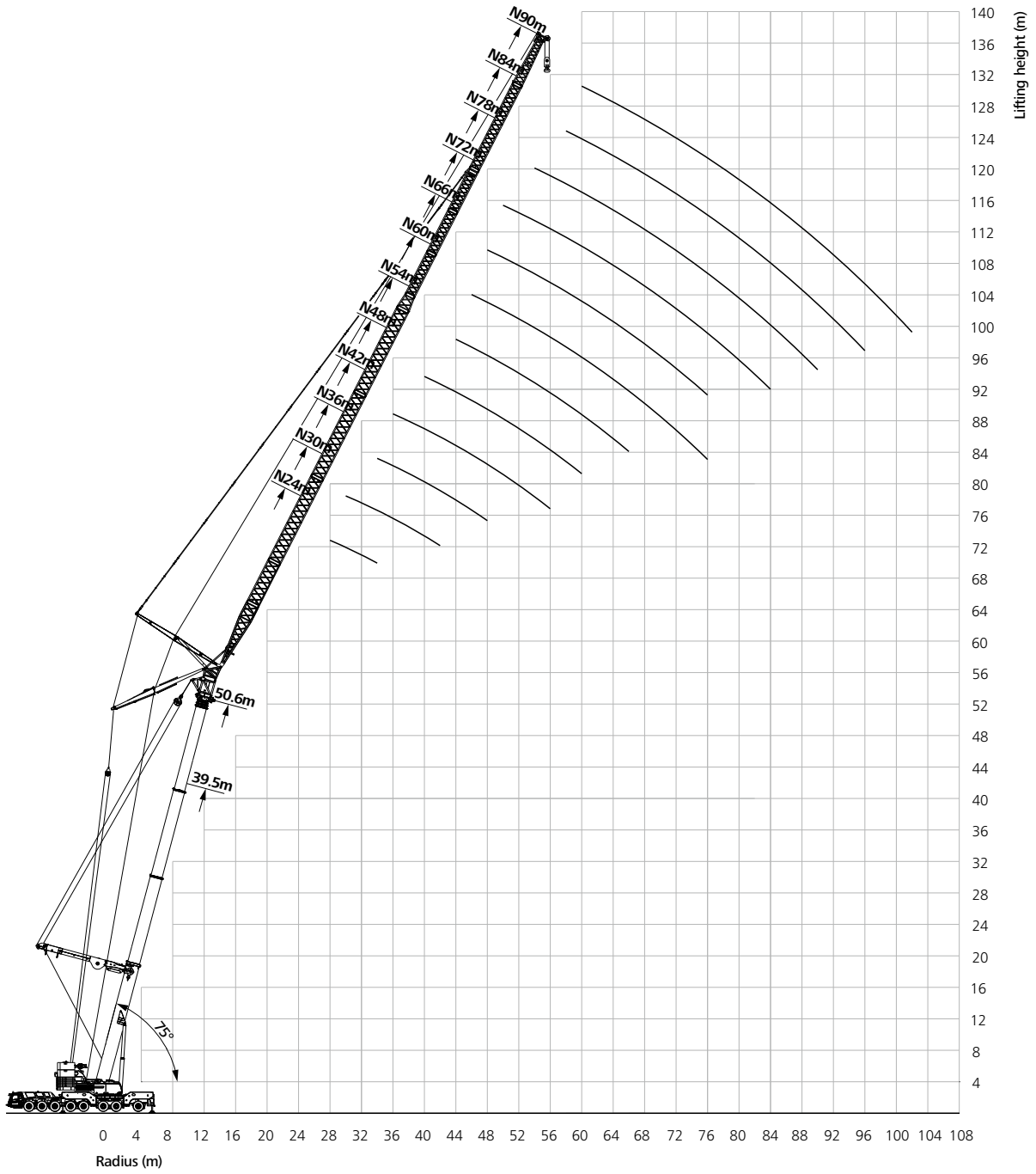
# Load Chart - Tower Jib

Unit: t



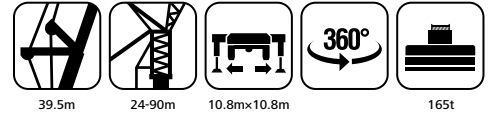
| Working radius (m) | 24   | 30   | 36   | 42   | Working radius (m) |
|--------------------|------|------|------|------|--------------------|
| 20                 |      |      |      |      | 20                 |
| 22                 |      |      |      |      | 22                 |
| 24                 | 27.2 |      |      |      | 24                 |
| 26                 | 25.6 | 20.1 |      |      | 26                 |
| 28                 | 24.2 | 20.1 |      |      | 28                 |
| 30                 |      | 19.0 | 16.2 |      | 30                 |
| 32                 |      | 18.1 | 15.3 | 13.2 | 32                 |
| 34                 |      |      | 14.4 | 12.4 | 34                 |
| 36                 |      |      | 13.7 | 11.7 | 36                 |
| 38                 |      |      | 13.0 | 11.1 | 38                 |
| 40                 |      |      |      | 10.5 | 40                 |
| 42                 |      |      |      | 10.0 | 42                 |
| 44                 |      |      |      | 9.3  | 44                 |
| 46                 |      |      |      |      | 46                 |
| 48                 |      |      |      |      | 48                 |
| 50                 |      |      |      |      | 50                 |
| 52                 |      |      |      |      | 52                 |
| 54                 |      |      |      |      | 54                 |
| 56                 |      |      |      |      | 56                 |
| 58                 |      |      |      |      | 58                 |
| 60                 |      |      |      |      | 60                 |
| 62                 |      |      |      |      | 62                 |
| 64                 |      |      |      |      | 64                 |
| 66                 |      |      |      |      | 66                 |
| 68                 |      |      |      |      | 68                 |
| 70                 |      |      |      |      | 70                 |
| 72                 |      |      |      |      | 72                 |
| 74                 |      |      |      |      | 74                 |
| 76                 |      |      |      |      | 76                 |
| 78                 |      |      |      |      | 78                 |
| 80                 |      |      |      |      | 80                 |
| 82                 |      |      |      |      | 82                 |
| 84                 |      |      |      |      | 84                 |
| 86                 |      |      |      |      | 86                 |
| 88                 |      |      |      |      | 88                 |
| 90                 |      |      |      |      | 90                 |

# Jib Operating Range



# Load Chart - Tower Jib

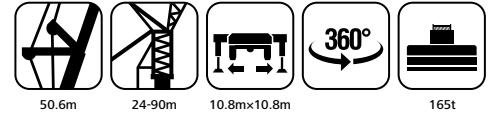
Unit: t



| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 90   | Working radius (m) |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|
| 24                 | 62.9 |      |      |      |      |      |      |      |      |      |      |      | 24                 |
| 26                 | 57.6 |      |      |      |      |      |      |      |      |      |      |      | 26                 |
| 28                 | 53.8 | 50.7 |      |      |      |      |      |      |      |      |      |      | 28                 |
| 30                 | 50.1 | 46.9 | 45.2 |      |      |      |      |      |      |      |      |      | 30                 |
| 32                 | 45.0 | 43.8 | 42.1 |      |      |      |      |      |      |      |      |      | 32                 |
| 34                 |      | 41.1 | 39.5 | 37.7 |      |      |      |      |      |      |      |      | 34                 |
| 36                 |      | 38.5 | 36.9 | 35.7 | 34   |      |      |      |      |      |      |      | 36                 |
| 38                 |      | 36.3 | 34.2 | 33.1 | 32   |      |      |      |      |      |      |      | 38                 |
| 40                 |      |      | 32.7 | 31.5 | 30   | 29.7 |      |      |      |      |      |      | 40                 |
| 42                 |      |      | 30.7 | 29.5 | 28.5 | 28   | 27.3 |      |      |      |      |      | 42                 |
| 44                 |      |      | 29.0 | 27.9 | 26.9 | 26.4 | 25.8 | 27.1 |      |      |      |      | 44                 |
| 46                 |      |      | 28.0 | 26.4 | 25.4 | 25   | 24.4 | 25.6 |      |      |      |      | 46                 |
| 48                 |      |      |      | 25.0 | 24.1 | 23.7 | 23.1 | 24.3 | 20.9 |      |      |      | 48                 |
| 50                 |      |      |      | 23.8 | 22.9 | 22.4 | 21.9 | 23.0 | 20.4 | 18.9 |      |      | 50                 |
| 52                 |      |      |      | 22.6 | 21.8 | 21.3 | 20.7 | 21.7 | 19.9 | 18.5 | 13.5 |      | 52                 |
| 54                 |      |      |      |      | 20.7 | 20.3 | 19.7 | 20.7 | 19.4 | 18.1 | 13.1 |      | 54                 |
| 56                 |      |      |      |      | 19.8 | 19.3 | 18.8 | 19.7 | 18.8 | 17.7 | 12.8 | 11.1 | 56                 |
| 58                 |      |      |      |      |      | 18.4 | 17.9 | 18.8 | 18.2 | 17.3 | 12.5 | 10.9 | 58                 |
| 60                 |      |      |      |      |      | 17.6 | 17.1 | 18.0 | 17.3 | 16.5 | 12.2 | 10.7 | 60                 |
| 62                 |      |      |      |      |      | 16.8 | 16.3 | 17.1 | 16.4 | 15.6 | 11.9 | 10.4 | 62                 |
| 64                 |      |      |      |      |      |      | 15.6 | 16.4 | 15.7 | 14.9 | 11.6 | 10.2 | 64                 |
| 66                 |      |      |      |      |      |      | 14.9 | 15.6 | 15.0 | 14.2 | 11.4 | 10   | 66                 |
| 68                 |      |      |      |      |      |      | 14.2 | 14.9 | 14.4 | 13.6 | 11.1 | 9.8  | 68                 |
| 70                 |      |      |      |      |      |      | 13.6 | 14.3 | 13.7 | 13.0 | 10.9 | 9.7  | 70                 |
| 72                 |      |      |      |      |      |      | 13.1 | 13.8 | 13.1 | 12.3 | 10.7 | 9.5  | 72                 |
| 74                 |      |      |      |      |      |      |      | 13.1 | 12.6 | 11.7 | 10.5 | 9.3  | 74                 |
| 76                 |      |      |      |      |      |      |      |      | 12.0 | 11.2 | 10.3 | 9.1  | 76                 |
| 78                 |      |      |      |      |      |      |      |      | 11.6 | 10.7 | 10   | 9    | 78                 |
| 80                 |      |      |      |      |      |      |      |      | 11.1 | 10.3 | 9.6  | 8.9  | 80                 |
| 82                 |      |      |      |      |      |      |      |      |      | 9.9  | 9.2  | 8.6  | 82                 |
| 84                 |      |      |      |      |      |      |      |      |      | 9.4  | 8.7  | 8.2  | 84                 |
| 86                 |      |      |      |      |      |      |      |      |      | 9.0  | 8.3  | 7.8  | 86                 |
| 88                 |      |      |      |      |      |      |      |      |      |      | 8    | 7.5  | 88                 |
| 90                 |      |      |      |      |      |      |      |      |      |      | 7.6  | 7.1  | 90                 |
| 92                 |      |      |      |      |      |      |      |      |      |      | 7.3  | 6.8  | 92                 |
| 94                 |      |      |      |      |      |      |      |      |      |      |      | 6.4  | 94                 |
| 96                 |      |      |      |      |      |      |      |      |      |      |      | 6.1  | 96                 |
| 98                 |      |      |      |      |      |      |      |      |      |      |      | 5.8  | 98                 |
| 100                |      |      |      |      |      |      |      |      |      |      |      |      | 100                |
| 102                |      |      |      |      |      |      |      |      |      |      |      |      | 102                |

## Load Chart - Tower Jib

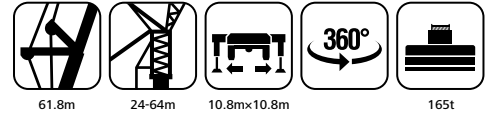
Unit: t



| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 90  | Working radius (m) |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|-----|--------------------|
| 24                 |      |      |      |      |      |      |      |      |      |      |      |     | 24                 |
| 26                 |      |      |      |      |      |      |      |      |      |      |      |     | 26                 |
| 28                 | 48.5 |      |      |      |      |      |      |      |      |      |      |     | 28                 |
| 30                 | 45.3 | 43.2 |      |      |      |      |      |      |      |      |      |     | 30                 |
| 32                 | 42.7 | 40.0 |      |      |      |      |      |      |      |      |      |     | 32                 |
| 34                 | 40.0 | 37.4 | 35.4 |      |      |      |      |      |      |      |      |     | 34                 |
| 36                 |      | 35.2 | 33.3 | 32.3 |      |      |      |      |      |      |      |     | 36                 |
| 38                 |      | 33.1 | 31.2 | 30.2 |      |      |      |      |      |      |      |     | 38                 |
| 40                 |      | 31.0 | 29.4 | 28.4 | 26.9 |      |      |      |      |      |      |     | 40                 |
| 42                 |      | 29.0 | 27.8 | 26.7 | 25.4 |      |      |      |      |      |      |     | 42                 |
| 44                 |      |      | 26.2 | 25.2 | 23.9 | 23.4 |      |      |      |      |      |     | 44                 |
| 46                 |      |      | 24.8 | 23.8 | 22.6 | 22.1 | 21.4 |      |      |      |      |     | 46                 |
| 48                 |      |      | 23.6 | 22.6 | 21.4 | 20.9 | 20.2 | 21.2 |      |      |      |     | 48                 |
| 50                 |      |      |      | 21.5 | 20.3 | 19.8 | 19.2 | 20.2 | 18.8 |      |      |     | 50                 |
| 52                 |      |      |      | 20.3 | 19.3 | 18.8 | 18.1 | 19.0 | 17.9 |      |      |     | 52                 |
| 54                 |      |      |      | 19.4 | 18.3 | 17.8 | 17.2 | 18.1 | 17.1 | 15.9 |      |     | 54                 |
| 56                 |      |      |      | 18.5 | 17.4 | 17   | 16.3 | 17.1 | 16.3 | 15.2 |      |     | 56                 |
| 58                 |      |      |      |      | 16.6 | 16.1 | 15.5 | 16.3 | 15.5 | 14.4 | 12.2 |     | 58                 |
| 60                 |      |      |      |      | 15.8 | 15.4 | 14.8 | 15.6 | 14.8 | 13.8 | 12   | 9.8 | 60                 |
| 62                 |      |      |      |      |      | 14.7 | 14.1 | 14.8 | 14.2 | 13.2 | 11.5 | 9.3 | 62                 |
| 64                 |      |      |      |      |      | 14   | 13.4 | 14.1 | 13.6 | 12.6 | 11   | 8.9 | 64                 |
| 66                 |      |      |      |      |      | 13.3 | 12.8 | 13.4 | 12.9 | 12.1 | 10.5 | 8.4 | 66                 |
| 68                 |      |      |      |      |      |      | 12.2 | 12.8 | 12.3 | 11.5 | 10   | 7.9 | 68                 |
| 70                 |      |      |      |      |      |      | 11.6 | 12.2 | 11.7 | 10.9 | 9.6  | 7.5 | 70                 |
| 72                 |      |      |      |      |      |      | 11.1 | 11.7 | 11.2 | 10.3 | 9.2  | 7.1 | 72                 |
| 74                 |      |      |      |      |      |      | 10.6 | 11.1 | 10.7 | 9.9  | 8.8  | 6.7 | 74                 |
| 76                 |      |      |      |      |      |      | 10.2 | 10.7 | 10.1 | 9.4  | 8.4  | 6.4 | 76                 |
| 78                 |      |      |      |      |      |      |      |      | 9.7  | 8.9  | 8    | 6.1 | 78                 |
| 80                 |      |      |      |      |      |      |      |      | 9.3  | 8.5  | 7.7  | 5.8 | 80                 |
| 82                 |      |      |      |      |      |      |      |      | 8.9  | 8.1  | 7.3  | 5.5 | 82                 |
| 84                 |      |      |      |      |      |      |      |      | 8.2  | 7.8  | 7    | 5.2 | 84                 |
| 86                 |      |      |      |      |      |      |      |      |      | 7.4  | 6.6  | 5   | 86                 |
| 88                 |      |      |      |      |      |      |      |      |      | 7.0  | 6.3  | 4.7 | 88                 |
| 90                 |      |      |      |      |      |      |      |      |      | 6.6  | 6    | 4.5 | 90                 |
| 92                 |      |      |      |      |      |      |      |      |      |      | 5.7  | 4.2 | 92                 |
| 94                 |      |      |      |      |      |      |      |      |      |      | 5.4  | 4   | 94                 |
| 96                 |      |      |      |      |      |      |      |      |      |      | 5.1  | 3.8 | 96                 |
| 98                 |      |      |      |      |      |      |      |      |      |      |      | 3.6 | 98                 |
| 100                |      |      |      |      |      |      |      |      |      |      |      | 3.5 | 100                |
| 102                |      |      |      |      |      |      |      |      |      |      |      | 3.3 | 102                |

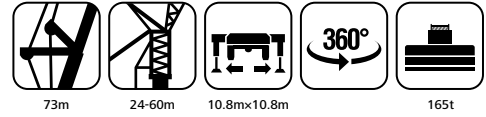
# Load Chart - Tower Jib

Unit: t



| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72  | 78  | 84  | Working radius (m) |
|--------------------|------|------|------|------|------|------|------|------|-----|-----|-----|--------------------|
| 30                 | 38.5 |      |      |      |      |      |      |      |     |     |     | 30                 |
| 32                 | 36.4 |      |      |      |      |      |      |      |     |     |     | 32                 |
| 34                 | 34.2 | 32.6 |      |      |      |      |      |      |     |     |     | 34                 |
| 36                 | 32.7 | 30.6 |      |      |      |      |      |      |     |     |     | 36                 |
| 38                 |      | 29.1 | 27.8 |      |      |      |      |      |     |     |     | 38                 |
| 40                 |      | 27.7 | 26.3 | 24.6 |      |      |      |      |     |     |     | 40                 |
| 42                 |      | 26.4 | 25.0 | 23.3 |      |      |      |      |     |     |     | 42                 |
| 44                 |      | 25.6 | 23.9 | 22.1 | 19.3 |      |      |      |     |     |     | 44                 |
| 46                 |      |      | 22.8 | 21.0 | 18.3 |      |      |      |     |     |     | 46                 |
| 48                 |      |      | 21.5 | 20.0 | 17.4 | 16.4 |      |      |     |     |     | 48                 |
| 50                 |      |      | 20.5 | 19.1 | 16.6 | 15.6 | 13   | 13.7 |     |     |     | 50                 |
| 52                 |      |      |      | 18.3 | 15.8 | 14.8 | 12.3 | 12.9 |     |     |     | 52                 |
| 54                 |      |      |      | 17.4 | 15.1 | 14   | 11.6 | 12.2 | 9.7 |     |     | 54                 |
| 56                 |      |      |      | 16.7 | 14.4 | 13.4 | 11   | 11.6 | 9.0 |     |     | 56                 |
| 58                 |      |      |      | 16.0 | 13.8 | 12.8 | 10.4 | 10.9 | 8.5 | 6.8 |     | 58                 |
| 60                 |      |      |      |      | 13.2 | 12.2 | 9.8  | 10.3 | 8.0 | 6.4 | 4.3 | 60                 |
| 62                 |      |      |      |      | 12.6 | 11.7 | 9.3  | 9.8  | 7.5 | 6.0 | 4   | 62                 |
| 64                 |      |      |      |      |      | 11.1 | 8.8  | 9.3  | 7.1 | 5.5 | 3.8 | 64                 |
| 66                 |      |      |      |      |      | 10.6 | 8.4  | 8.8  | 6.6 | 5.1 | 3.5 | 66                 |
| 68                 |      |      |      |      |      | 10.1 | 7.9  | 8.3  | 6.3 | 4.7 | 3.2 | 68                 |
| 70                 |      |      |      |      |      |      | 7.5  | 7.9  | 5.9 | 4.5 | 3   | 70                 |
| 72                 |      |      |      |      |      |      | 7.1  | 7.5  | 5.6 | 4.2 | 2.8 | 72                 |
| 74                 |      |      |      |      |      |      | 6.7  | 7.0  | 5.3 | 4.0 | 2.6 | 74                 |
| 76                 |      |      |      |      |      |      | 6.4  | 6.7  | 5.0 | 3.8 | 2.4 | 76                 |
| 78                 |      |      |      |      |      |      | 6.1  | 6.4  | 4.7 | 3.5 | 2.2 | 78                 |
| 80                 |      |      |      |      |      |      |      |      | 4.4 | 3.3 | 2   | 80                 |
| 82                 |      |      |      |      |      |      |      |      | 4.1 | 3.1 | 1.8 | 82                 |
| 84                 |      |      |      |      |      |      |      |      | 3.9 | 2.9 | 1.6 | 84                 |
| 86                 |      |      |      |      |      |      |      |      | 3.7 | 2.7 | 1.5 | 86                 |
| 88                 |      |      |      |      |      |      |      |      |     | 2.5 | 1.3 | 88                 |
| 90                 |      |      |      |      |      |      |      |      |     | 2.4 | 1.1 | 90                 |
| 92                 |      |      |      |      |      |      |      |      |     | 2.2 | 1   | 92                 |

# Load Chart - Tower Jib

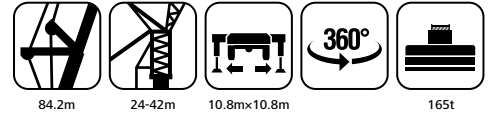


Unit: t

| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54  | 60  | Working radius (m) |
|--------------------|------|------|------|------|------|-----|-----|--------------------|
| 30                 |      |      |      |      |      |     |     | 30                 |
| 32                 |      |      |      |      |      |     |     | 32                 |
| 34                 | 28.9 |      |      |      |      |     |     | 34                 |
| 36                 | 27.2 |      |      |      |      |     |     | 36                 |
| 38                 | 25.8 | 22.4 |      |      |      |     |     | 38                 |
| 40                 | 23.4 | 21.4 |      |      |      |     |     | 40                 |
| 42                 |      | 20.3 | 18.4 |      |      |     |     | 42                 |
| 44                 |      | 19.3 | 17.5 |      |      |     |     | 44                 |
| 46                 |      | 18.5 | 16.6 | 14.9 |      |     |     | 46                 |
| 48                 |      |      | 15.7 | 14.2 | 12.1 |     |     | 48                 |
| 50                 |      |      | 15.0 | 13.3 | 11.5 |     |     | 50                 |
| 52                 |      |      | 14.3 | 12.7 | 10.9 | 7.7 |     | 52                 |
| 54                 |      |      | 13.7 | 12.1 | 10.3 | 7.2 | 4.1 | 54                 |
| 56                 |      |      |      | 11.4 | 9.8  | 6.7 | 3.8 | 56                 |
| 58                 |      |      |      | 10.8 | 9.3  | 6.2 | 3.5 | 58                 |
| 60                 |      |      |      | 10.3 | 8.8  | 5.8 | 3.3 | 60                 |
| 62                 |      |      |      |      | 8.4  | 5.5 | 3   | 62                 |
| 64                 |      |      |      |      | 7.9  | 5.2 | 2.8 | 64                 |
| 66                 |      |      |      |      | 7.5  | 4.9 | 2.6 | 66                 |
| 68                 |      |      |      |      |      | 4.6 | 2.4 | 68                 |
| 70                 |      |      |      |      |      | 4.3 | 2.2 | 70                 |
| 72                 |      |      |      |      |      | 4   | 2   | 72                 |
| 74                 |      |      |      |      |      |     | 1.8 | 74                 |
| 76                 |      |      |      |      |      |     | 1.6 | 76                 |
| 78                 |      |      |      |      |      |     | 1.4 | 78                 |
| 80                 |      |      |      |      |      |     | 1.3 | 80                 |
| 82                 |      |      |      |      |      |     | 1.2 | 82                 |
| 84                 |      |      |      |      |      |     |     | 84                 |
| 86                 |      |      |      |      |      |     |     | 86                 |
| 88                 |      |      |      |      |      |     |     | 88                 |
| 90                 |      |      |      |      |      |     |     | 90                 |
| 92                 |      |      |      |      |      |     |     | 92                 |

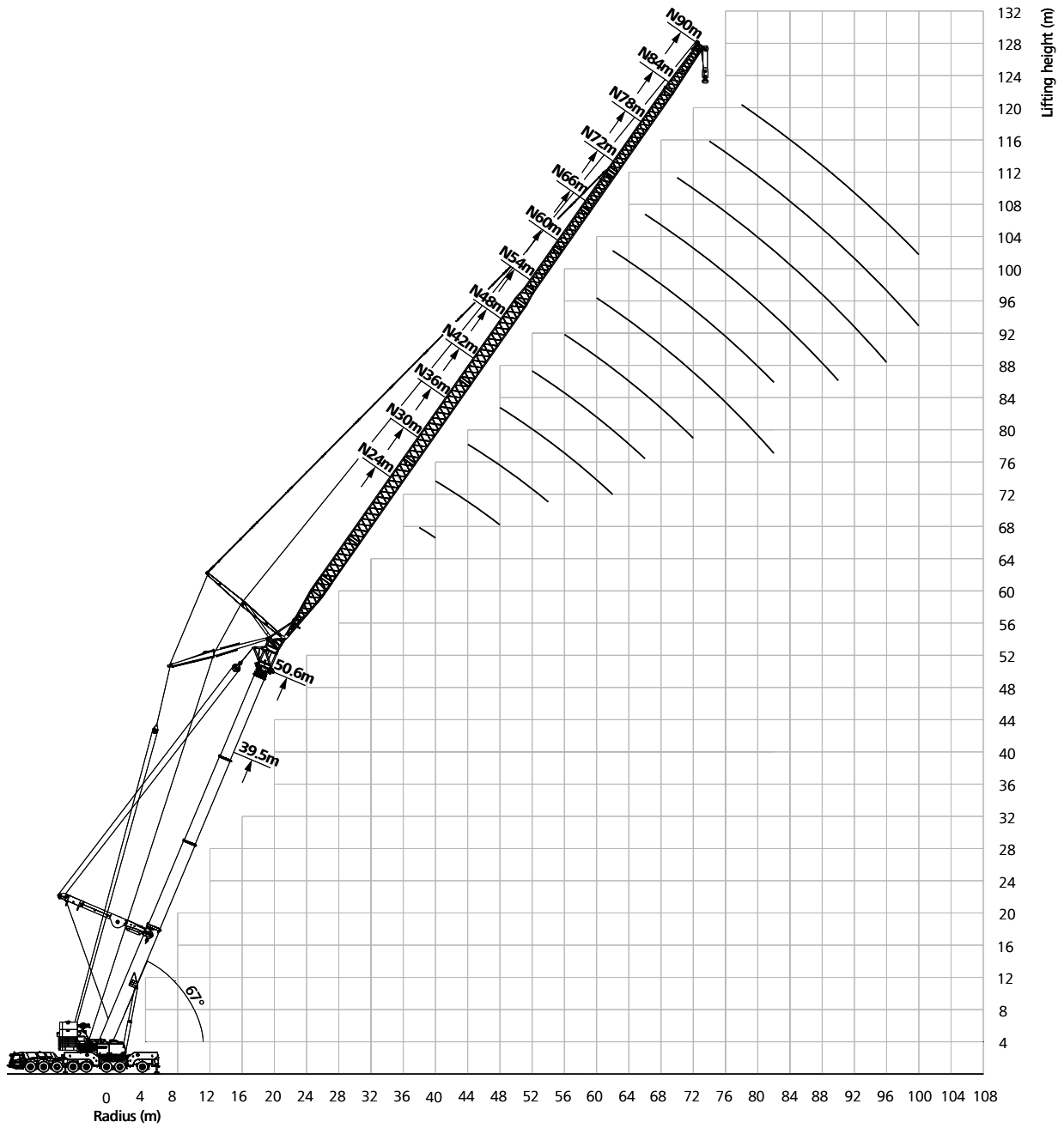
# Load Chart - Tower Jib

Unit: t



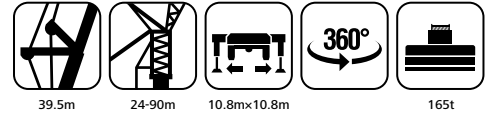
| Working radius (m) | 24   | 30   | 36  | 42  | Working radius (m) |
|--------------------|------|------|-----|-----|--------------------|
| 30                 |      |      |     |     | 30                 |
| 32                 |      |      |     |     | 32                 |
| 34                 |      |      |     |     | 34                 |
| 36                 |      |      |     |     | 36                 |
| 38                 | 16.6 |      |     |     | 38                 |
| 40                 | 15.9 |      |     |     | 40                 |
| 42                 |      | 11.8 |     |     | 42                 |
| 44                 |      | 11.2 |     |     | 44                 |
| 46                 |      | 10.7 | 8.8 |     | 46                 |
| 48                 |      |      | 8.3 |     | 48                 |
| 50                 |      |      | 7.8 | 6.0 | 50                 |
| 52                 |      |      |     | 5.5 | 52                 |
| 54                 |      |      |     | 5.1 | 54                 |
| 56                 |      |      |     | 4.8 | 56                 |
| 58                 |      |      |     |     | 58                 |
| 60                 |      |      |     |     | 60                 |
| 62                 |      |      |     |     | 62                 |
| 64                 |      |      |     |     | 64                 |
| 66                 |      |      |     |     | 66                 |
| 68                 |      |      |     |     | 68                 |
| 70                 |      |      |     |     | 70                 |
| 72                 |      |      |     |     | 72                 |
| 74                 |      |      |     |     | 74                 |
| 76                 |      |      |     |     | 76                 |
| 78                 |      |      |     |     | 78                 |
| 80                 |      |      |     |     | 80                 |
| 82                 |      |      |     |     | 82                 |
| 84                 |      |      |     |     | 84                 |
| 86                 |      |      |     |     | 86                 |
| 88                 |      |      |     |     | 88                 |
| 90                 |      |      |     |     | 90                 |
| 92                 |      |      |     |     | 92                 |

# Jib Operating Range



# Load Chart - Tower Jib

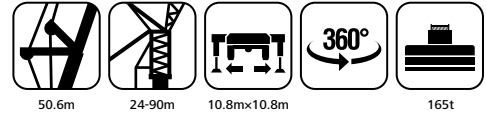
Unit: t



| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84  | 90  | Working radius (m) |
|--------------------|------|------|------|------|------|------|------|------|------|------|-----|-----|--------------------|
| 32                 | 40.7 |      |      |      |      |      |      |      |      |      |     |     | 32                 |
| 34                 | 38.1 |      |      |      |      |      |      |      |      |      |     |     | 34                 |
| 36                 | 35.9 | 33.6 |      |      |      |      |      |      |      |      |     |     | 36                 |
| 38                 |      | 31.5 |      |      |      |      |      |      |      |      |     |     | 38                 |
| 40                 |      | 29.7 | 28.1 |      |      |      |      |      |      |      |     |     | 40                 |
| 42                 |      | 28.0 | 26.5 |      |      |      |      |      |      |      |     |     | 42                 |
| 44                 |      | 26.5 | 25.1 | 24.0 |      |      |      |      |      |      |     |     | 44                 |
| 46                 |      |      | 23.7 | 22.7 |      |      |      |      |      |      |     |     | 46                 |
| 48                 |      |      | 22.5 | 21.5 | 20.4 |      |      |      |      |      |     |     | 48                 |
| 50                 |      |      | 21.0 | 20.4 | 19.4 |      |      |      |      |      |     |     | 50                 |
| 52                 |      |      |      | 19.4 | 18.4 | 17.9 |      |      |      |      |     |     | 52                 |
| 54                 |      |      |      | 18.4 | 17.5 | 17   |      |      |      |      |     |     | 54                 |
| 56                 |      |      |      | 17.5 | 16.6 | 16.1 | 15.5 |      |      |      |     |     | 56                 |
| 58                 |      |      |      | 16.7 | 15.8 | 15.3 | 14.7 | 15.5 |      |      |     |     | 58                 |
| 60                 |      |      |      |      | 15.1 | 14.6 | 14   | 14.7 |      |      |     |     | 60                 |
| 62                 |      |      |      |      | 14.4 | 13.9 | 13.3 | 14.0 | 13.5 |      |     |     | 62                 |
| 64                 |      |      |      |      |      | 13.2 | 12.7 | 13.3 | 12.8 | 12.0 |     |     | 64                 |
| 66                 |      |      |      |      |      | 12.6 | 12.1 | 12.7 | 12.1 | 11.4 |     |     | 66                 |
| 68                 |      |      |      |      |      | 12.1 | 11.5 | 12.1 | 11.5 | 10.8 | 9.9 |     | 68                 |
| 70                 |      |      |      |      |      |      | 11   | 11.6 | 11.0 | 10.2 | 9.4 |     | 70                 |
| 72                 |      |      |      |      |      |      | 10.5 | 11.0 | 10.5 | 9.7  | 8.9 | 8.4 | 72                 |
| 74                 |      |      |      |      |      |      | 10   | 10.5 | 9.9  | 9.2  | 8.4 | 7.9 | 74                 |
| 76                 |      |      |      |      |      |      | 9.6  | 10.1 | 9.5  | 8.7  | 8   | 7.5 | 76                 |
| 78                 |      |      |      |      |      |      | 9.1  | 9.6  | 9.1  | 8.3  | 7.6 | 7   | 78                 |
| 80                 |      |      |      |      |      |      |      |      | 8.7  | 7.9  | 7.2 | 6.6 | 80                 |
| 82                 |      |      |      |      |      |      |      |      | 8.3  | 7.5  | 6.8 | 6.3 | 82                 |
| 84                 |      |      |      |      |      |      |      |      | 7.9  | 7.2  | 6.5 | 5.9 | 84                 |
| 86                 |      |      |      |      |      |      |      |      | 7.6  | 6.7  | 6.1 | 5.6 | 86                 |
| 88                 |      |      |      |      |      |      |      |      |      | 6.4  | 5.8 | 5.2 | 88                 |
| 90                 |      |      |      |      |      |      |      |      |      | 6.1  | 5.5 | 5   | 90                 |
| 92                 |      |      |      |      |      |      |      |      |      | 5.8  | 5.2 | 4.7 | 92                 |
| 94                 |      |      |      |      |      |      |      |      |      |      | 4.9 | 4.5 | 94                 |
| 96                 |      |      |      |      |      |      |      |      |      |      | 4.7 | 4.2 | 96                 |
| 98                 |      |      |      |      |      |      |      |      |      |      | 4.5 | 3.8 | 98                 |
| 100                |      |      |      |      |      |      |      |      |      |      |     | 3.5 | 100                |
| 102                |      |      |      |      |      |      |      |      |      |      |     | 3.2 | 102                |

# Load Chart - Tower Jib

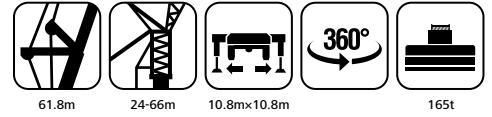
Unit: t



| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72  | 78  | 84  | 90  | Working radius (m) |
|--------------------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|--------------------|
| 32                 |      |      |      |      |      |      |      |      |     |     |     |     | 32                 |
| 34                 |      |      |      |      |      |      |      |      |     |     |     |     | 34                 |
| 36                 |      |      |      |      |      |      |      |      |     |     |     |     | 36                 |
| 38                 | 28.9 |      |      |      |      |      |      |      |     |     |     |     | 38                 |
| 40                 | 27.3 | 25.5 |      |      |      |      |      |      |     |     |     |     | 40                 |
| 42                 |      | 24.0 |      |      |      |      |      |      |     |     |     |     | 42                 |
| 44                 |      | 22.6 | 21.4 |      |      |      |      |      |     |     |     |     | 44                 |
| 46                 |      | 21.5 | 20.3 |      |      |      |      |      |     |     |     |     | 46                 |
| 48                 |      | 20.3 | 19.1 | 18.3 |      |      |      |      |     |     |     |     | 48                 |
| 50                 |      |      | 18.0 | 17.2 |      |      |      |      |     |     |     |     | 50                 |
| 52                 |      |      | 17.2 | 16.3 | 15.1 |      |      |      |     |     |     |     | 52                 |
| 54                 |      |      | 16.3 | 15.5 | 14.3 |      |      |      |     |     |     |     | 54                 |
| 56                 |      |      |      | 14.6 | 13.5 | 13   |      |      |     |     |     |     | 56                 |
| 58                 |      |      |      | 13.9 | 12.8 | 12.3 |      |      |     |     |     |     | 58                 |
| 60                 |      |      |      | 13.3 | 12.2 | 11.7 | 11   |      |     |     |     |     | 60                 |
| 62                 |      |      |      | 12.7 | 11.6 | 11.1 | 10.4 | 10.9 |     |     |     |     | 62                 |
| 64                 |      |      |      |      | 11   | 10.5 | 9.9  | 10.4 |     |     |     |     | 64                 |
| 66                 |      |      |      |      | 10.5 | 10   | 9.3  | 9.8  | 9.4 |     |     |     | 66                 |
| 68                 |      |      |      |      |      | 9.5  | 8.9  | 9.4  | 8.8 |     |     |     | 68                 |
| 70                 |      |      |      |      |      | 9    | 8.4  | 8.8  | 8.4 | 7.6 |     |     | 70                 |
| 72                 |      |      |      |      |      | 8.6  | 8    | 8.4  | 7.9 | 7.1 |     |     | 72                 |
| 74                 |      |      |      |      |      |      | 7.6  | 8.0  | 7.5 | 6.7 | 6   |     | 74                 |
| 76                 |      |      |      |      |      |      | 7.2  | 7.6  | 7.1 | 6.4 | 5.6 |     | 76                 |
| 78                 |      |      |      |      |      |      | 6.8  | 7.2  | 6.7 | 6.0 | 5.2 | 4.3 | 78                 |
| 80                 |      |      |      |      |      |      | 6.5  | 6.8  | 6.1 | 5.5 | 4.9 | 4.1 | 80                 |
| 82                 |      |      |      |      |      |      | 6.1  | 6.4  | 5.8 | 5.2 | 4.7 | 3.9 | 82                 |
| 84                 |      |      |      |      |      |      |      |      | 5.5 | 5.0 | 4.4 | 3.6 | 84                 |
| 86                 |      |      |      |      |      |      |      |      | 5.1 | 4.7 | 4.2 | 3.4 | 86                 |
| 88                 |      |      |      |      |      |      |      |      | 4.9 | 4.5 | 4   | 3.1 | 88                 |
| 90                 |      |      |      |      |      |      |      |      | 4.7 | 4.3 | 3.8 | 2.8 | 90                 |
| 92                 |      |      |      |      |      |      |      |      |     | 4.1 | 3.6 | 2.5 | 92                 |
| 94                 |      |      |      |      |      |      |      |      |     | 3.9 | 3.3 | 2.1 | 94                 |
| 96                 |      |      |      |      |      |      |      |      |     | 3.7 | 2.9 | 1.8 | 96                 |
| 98                 |      |      |      |      |      |      |      |      |     |     | 2.6 | 1.5 | 98                 |
| 100                |      |      |      |      |      |      |      |      |     |     | 2.3 | 1.2 | 100                |
| 102                |      |      |      |      |      |      |      |      |     |     |     |     | 102                |

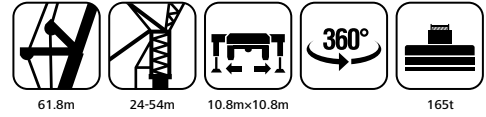
# Load Chart - Tower Jib

Unit: t



| Working radius (m) | 24   | 30   | 36   | 42   | 48   | 54  | 60  | 66  | Working radius (m) |
|--------------------|------|------|------|------|------|-----|-----|-----|--------------------|
| 42                 | 22.5 |      |      |      |      |     |     |     | 42                 |
| 44                 | 21.3 |      |      |      |      |     |     |     | 44                 |
| 46                 |      | 18.8 |      |      |      |     |     |     | 46                 |
| 48                 |      | 17.7 |      |      |      |     |     |     | 48                 |
| 50                 |      | 16.9 | 15.5 |      |      |     |     |     | 50                 |
| 52                 |      | 15.9 | 14.6 |      |      |     |     |     | 52                 |
| 54                 |      |      | 13.9 | 13.2 |      |     |     |     | 54                 |
| 56                 |      |      | 13.2 | 12.4 |      |     |     |     | 56                 |
| 58                 |      |      | 12.5 | 11.8 | 10.6 |     |     |     | 58                 |
| 60                 |      |      |      | 11.2 | 10.1 |     |     |     | 60                 |
| 62                 |      |      |      | 10.6 | 9.5  | 8.8 |     |     | 62                 |
| 64                 |      |      |      | 10.0 | 9    | 8.4 |     |     | 64                 |
| 66                 |      |      |      | 9.5  | 8.5  | 7.9 | 5.6 | 5.9 | 66                 |
| 68                 |      |      |      |      | 8.1  | 7.5 | 5.3 | 5.6 | 68                 |
| 70                 |      |      |      |      | 7.7  | 7.1 | 5   | 5.3 | 70                 |
| 72                 |      |      |      |      |      | 6.7 | 4.7 | 5.0 | 72                 |
| 74                 |      |      |      |      |      | 6.3 | 4.4 | 4.6 | 74                 |
| 76                 |      |      |      |      |      | 6   | 4.2 | 4.4 | 76                 |
| 78                 |      |      |      |      |      |     | 3.9 | 4.1 | 78                 |
| 80                 |      |      |      |      |      |     | 3.7 | 3.9 | 80                 |
| 82                 |      |      |      |      |      |     | 3.5 | 3.7 | 82                 |
| 84                 |      |      |      |      |      |     | 3.3 | 3.5 | 84                 |
| 86                 |      |      |      |      |      |     | 3.1 | 3.3 | 86                 |

# Load Chart - Tower Jib

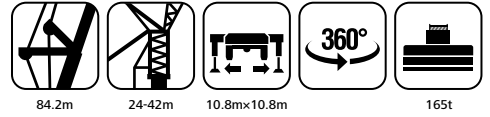


Unit: t

| Working radius (m) | 24   | 30   | 36  | 42  | 48  | 54  | Working radius (m) |
|--------------------|------|------|-----|-----|-----|-----|--------------------|
| 42                 |      |      |     |     |     |     | 42                 |
| 44                 |      |      |     |     |     |     | 44                 |
| 46                 | 16.5 |      |     |     |     |     | 46                 |
| 48                 | 15.6 |      |     |     |     |     | 48                 |
| 50                 |      | 12.4 |     |     |     |     | 50                 |
| 52                 |      | 11.7 |     |     |     |     | 52                 |
| 54                 |      | 11.2 |     |     |     |     | 54                 |
| 56                 |      | 10.6 | 9.1 |     |     |     | 56                 |
| 58                 |      |      | 8.6 |     |     |     | 58                 |
| 60                 |      |      | 8.2 | 6.7 |     |     | 60                 |
| 62                 |      |      | 7.7 | 6.3 |     |     | 62                 |
| 64                 |      |      |     | 5.9 | 4.4 |     | 64                 |
| 66                 |      |      |     | 5.6 | 4.2 |     | 66                 |
| 68                 |      |      |     | 5.2 | 3.9 | 1.7 | 68                 |
| 70                 |      |      |     |     | 3.7 | 1.6 | 70                 |
| 72                 |      |      |     |     | 3.5 | 1.4 | 72                 |
| 74                 |      |      |     |     |     | 1.2 | 74                 |
| 76                 |      |      |     |     |     | 1.1 | 76                 |
| 78                 |      |      |     |     |     |     | 78                 |
| 80                 |      |      |     |     |     |     | 80                 |
| 82                 |      |      |     |     |     |     | 82                 |
| 84                 |      |      |     |     |     |     | 84                 |
| 86                 |      |      |     |     |     |     | 86                 |

# Load Chart - Tower Jib

Unit: t



| Working radius (m) | 24  | 30  | 42  | Working radius (m) |
|--------------------|-----|-----|-----|--------------------|
| 42                 |     |     |     | 42                 |
| 44                 |     |     |     | 44                 |
| 46                 |     |     |     | 46                 |
| 48                 |     |     |     | 48                 |
| 50                 |     |     |     | 50                 |
| 52                 | 9.9 |     |     | 52                 |
| 54                 |     |     |     | 54                 |
| 56                 |     | 5.6 |     | 56                 |
| 58                 |     | 5.2 |     | 58                 |
| 60                 |     |     | 2.9 | 60                 |
| 62                 |     |     | 2.8 | 62                 |
| 64                 |     |     | 2.6 | 64                 |
| 66                 |     |     |     | 66                 |
| 68                 |     |     |     | 68                 |
| 70                 |     |     |     | 70                 |
| 72                 |     |     |     | 72                 |
| 74                 |     |     |     | 74                 |
| 76                 |     |     |     | 76                 |
| 78                 |     |     |     | 78                 |
| 80                 |     |     |     | 80                 |
| 82                 |     |     |     | 82                 |
| 84                 |     |     |     | 84                 |
| 86                 |     |     |     | 86                 |



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