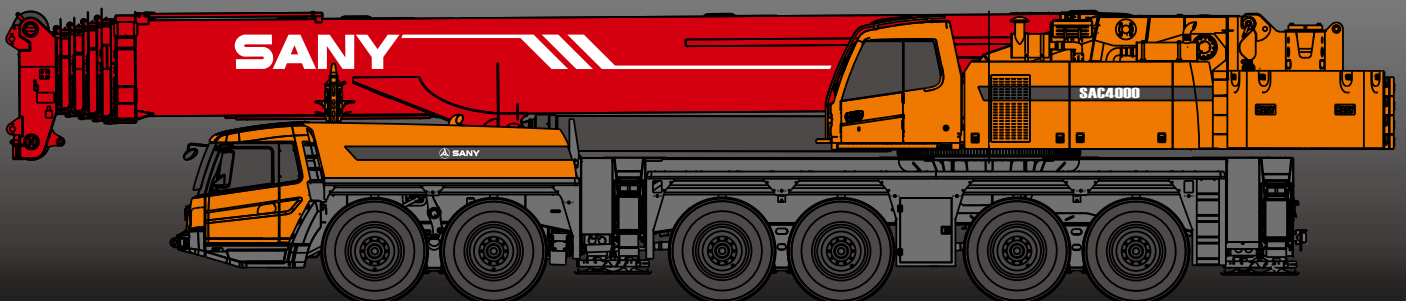


# SAC4000S

SAC4000S ALL-TERRAIN CRANE  
400 TONS LIFTING CAPACITY

Quality Changes the World



# SANY

■ SANY Automobile Hoisting Machinery is one of the core business unit of Sany Heavy Industry, mainly engaged in the research and development of high end, mid to large tonnage crane series, including mobile crane, crawler crane, tower crane and loader crane. It has two industrial parks in Ningxiang and Huzhou, since entering the market, the products of Sany Automobile Hoisting Machinery have received worldwide recognition with advanced technology, lean manufacturing, high reliability and excellent service.



# SANY ALL-TERRAIN CRANE

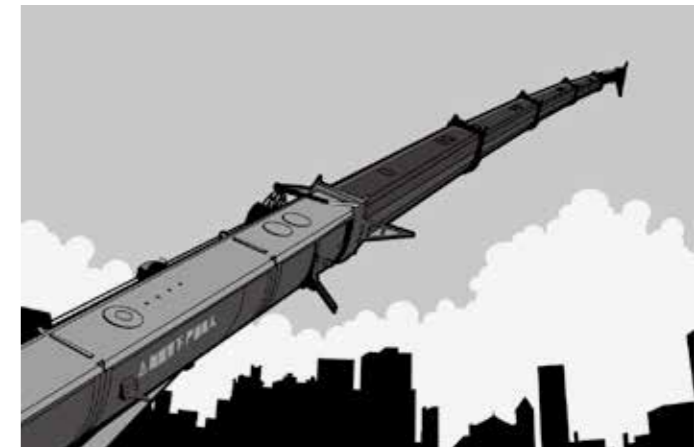
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### Excellent and stable chassis performance

The use of innovative 6-axle chassis design with six driving modes and four braking modes can provide more reliable traveling performance. High stability and safety are guaranteed with tipping over early-warning technology.



### Ultra long Boom for Wide Working Radius

Longest boom length and luffing jib length is 70m and 78m respectively, which ensures Max. lifting height of 132m and working radius of 96m. 0°~40° automatic infinite variable luffing jib is applied, ensuring conveniently switching over between all operation 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 and 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, 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 the 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 adopted to meet customer's individual requirements.

## Superstructure


-  **Cab**
- It is made of anti-corrosion steel plate with ergonomic design such as full-coverage soften interior, panoramic sunroof and adjustable seats etc., providing more comfortable and relaxing operation. The display of load moment limiter integrates main console and operation display system, which clearly show the data of all operating 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 EuroIII standard;
  - Capacity of fuel tank: 400L.


-  **Hydraulic system**
- Open-closed combined independent hydraulic system is adopted for superstructure, which has the feature of load sensitive feature and high action efficiency with, low speed under heavy load, high speed under light load and high action efficiency. The luffing telescopic system adopts open system composed of electric proportional pump and self-control main valve. With four-level pressure selection function coordinated with the displacement of the electric proportional pump, different pressure grade is applied for different corresponding action, achieving energy-saving and safe luffing and telescopic actions. Lifting winch system adopts closed system to avoid throttling loss of the open system and ensure high efficiency and wide speed regulation range. Closed system is used for slewing operation to avoid throttling loss of the open system, thus ensuring high efficiency and good micro-mobility. In addition to the superstructure slewing, boom luffing, telescopic, lifting operations, the lifting of the counterweight, rotation of cab and locking of the rotating bed can be achieved as well.
  - The adoption of key hydraulic parts such as high-quality main oil pump, slewing pump, main valve, winch motor and balance valve etc. ensure high stability and reliability of the system. 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 in operation. Self-developed dual-pump converging / diversion main valve is used with single-action dual-pump applied to ensure high converging efficiency and with combined-action dual-pump diversion to ensure good controllability.
  - The use of dead-weight luffing compensation hydraulic system ensures excellent lowering micro-mobility and stability.
  - Single-cylinder pin telescopic system is used for boom.
  - Jib is equipped with luffing cylinder to achieve 0°~40°infinite luffing.
  - Capacity of hydraulic oil tank: 1425L


-  **Control system**
- With 24V DC power supply, the PLC integrated programmable controller and CAN-bus control network are used to achieve logic control and electro proportional control of the system by combining with the common electricity.
  - With real-time monitoring and fault self-diagnosis system.
  - Lifting, slewing and luffing can be controlled by two auto-reset multidirectional electric proportional handles. Foot-type telescopic pedal is used for telescopic operation. Lifting 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 electro proportional control parameters, display of fault code of the electro proportional system and real-time data display by the hydraulic system.


## Superstructure


-  **Main boom**
- It consists of six 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.
  - Basic boom length is 15.2m and fully extended boom length is 70m. Max. lifting height is 70m.

-  **Jib**
- 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. 6m~42m boom combination can be achieved for fixed jib. The application of 0~40°infinite luffing jib improves automation level and working efficiency through changing the angle according to the actual demands of the operating condition. With tower jib, 12m~78m jib combination can be achieved, thus greatly improving lifting capacity and operating height.
  - The max lifting height of fixed jib is 112m and the max lifting height of tower jib is 132m.

-  **Luffing system**
- The top single-cylinder luffing is applied, with luffing angle ranging from -0.4° to 82°. Hydraulic system adopts the dual-pump converging open hydraulic circuit to achieve large-angle fast lowering and small-angle stable and slow lowering operations combining with electro proportional control, power lowering, and self-weight luffing.

-  **Superlift devices**
- They are arranged at left and right sides of basic boom head independently and can be self-assembled and self-disassembled without any auxiliary lifting. With superlift device, 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 by 20%-30% and the lifting capacity can be improved by above 200%.

-  **Slewing system**
- It consists of constant displacement motor and slewing reducer with mature technology. 360° full-rotation can be achieved through external gearing with slewing ring. With slewing speed of 0-1.3rpm 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.

-  **Counterweight**
- Combined variable counterweights are used with 0t, 14t, 28.5t, 43t, 56t, 80t, 100t seven combinations to meet requirements of different operating conditions and maximize structural parts performance. It can be self-assembled and disassembled through remote control with good micro-mobility.

## Superstructure



### 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 accuracy 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 program, jib installation protection and lifting load protection program.



### 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:  $\phi 24-2160$ , non-rotating;
- Length: About 400m;
- Max. single rope speed (outer layer): About 130m/min.



### Luffing jib 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:  $\phi 24-2160$ , non-rotating;
- Length: About 700m;
- Max. single rope speed (outer layer): about 130m/min.

## Chassis



### 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 with fine-grain high-strength steel plate to provide strong load bearing capacity.



### Outriggers

- Four-point supporting of the H-shaped outriggers ensures easy operation and strong stability with Max. span up to 8.95m $\times$ 8.6m. 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.



### Engine

- Type: Electric controlled, V-type eight-cylinder, water cooled, supercharged and inter-cooling diesel engine
- Rated power: 440kw/1800r/min
- Max torque: 2800Nm/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 up to 30000Nm.



### Axles

- Full-axle steering is applied with axles 1, 3, 5 and 6 used for drive operation and with axles 1, 3, 5 and 6 equipped with differential locks for planetary transmission. Axles 1 and 2 adopt the bar-feedback hydraulic power steering systems and axles 3, 4, 5 and 6 adopt the electro-hydraulic control steering system. With assist in speed control and special steering mode optional applied, thus ensuring easy steering and flexible operation.



### Suspension system

- Axle suspension devices adopt the height-adjustable oil-gas suspension devices equipped 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 conditions, smooth and comfortable travelling and side stability of the vehicle are guaranteed.



### Tyres

- 12 \* 16.00R25

## Chassis

## Steering system

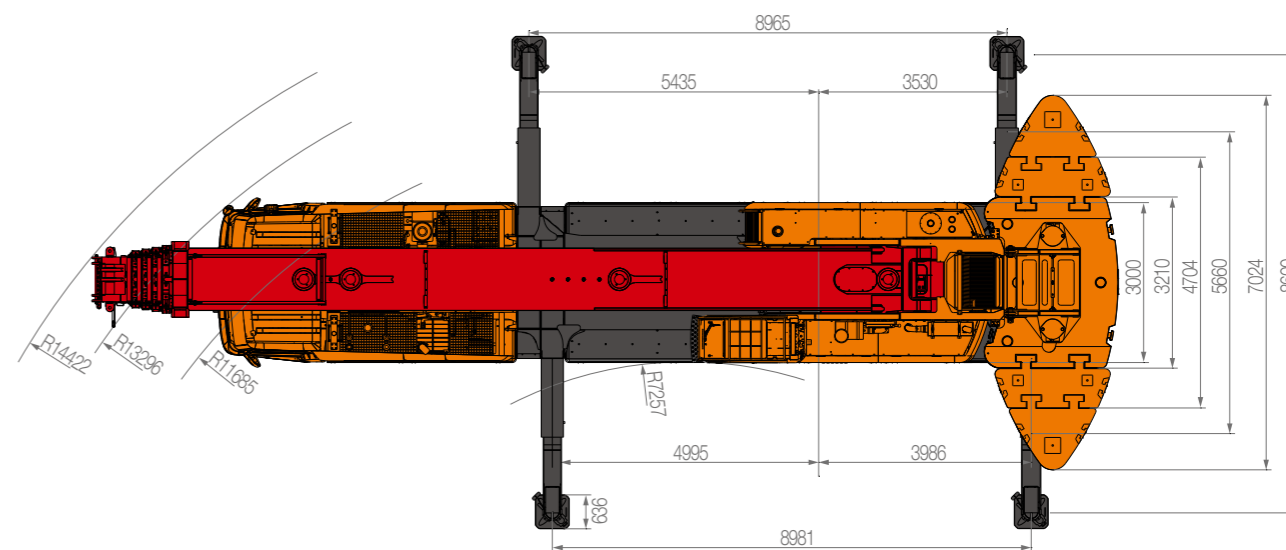
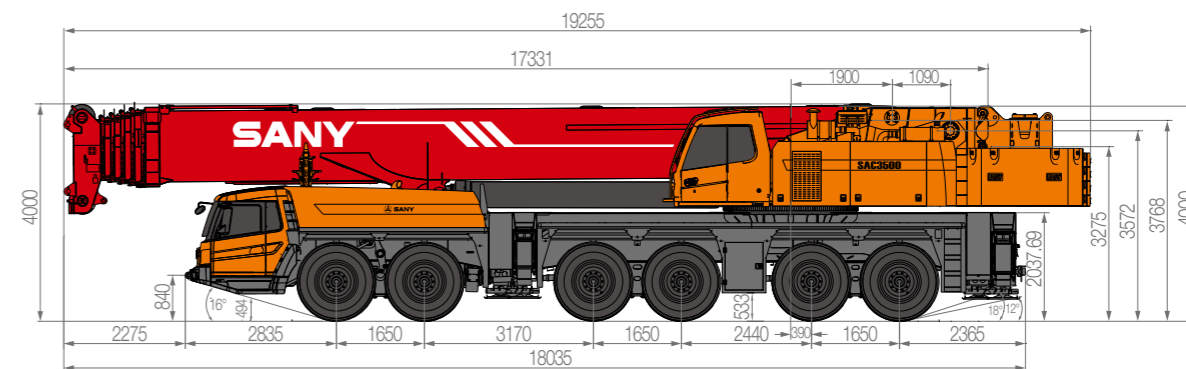
- Servo power steering gear and dual-circuit system hydraulic steering device are used with emergency steering pump equipped. Steering can be adjusted through regulating the speed. Axles 3 and 4 steering will stop from 30km/h and from 60km/h for axles 5 and 6.
- Six types steering modes: 1) Road running 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.

## Brakes system

- Brakes system includes traveling brake, parking brake, emergency brake, and auxiliary brake.
- Traveling brake: All wheels use the air servo brakes and dual-circuit brake system and are equipped with drum brakes.
- Parking brake: Force driven by accumulator is applied on the second to sixth axle. Emergency brake: Accumulator is used not only for cutting-off brake but also for emergency brake;
- Auxiliary brake consists of engine brake and exhaust brake etc. There are double brakes for the engine, hydraulic power retarder brake for reducer and eddy current retarder brake for four axle which ensure high safety and reliability of the travelling.

## Electrical system

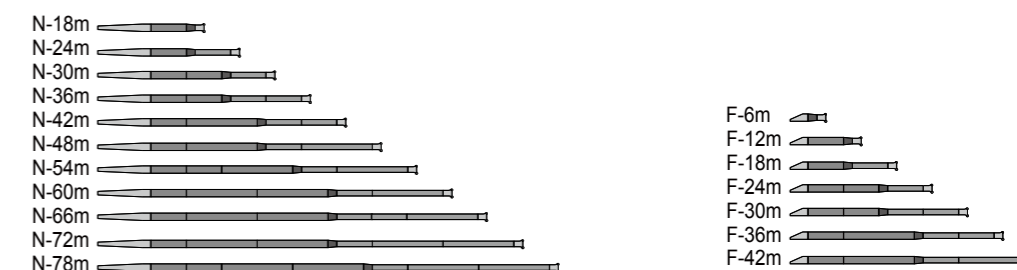
- With 24V DC power supply, cutting off power of the undercarriage can be achieved; automotive lighting system is equipped; vehicle actions, such as throttle and outrigger control, can be electrically controlled; electrical system has strong detection, logic, and calculation capacity with fault self-diagnosis, 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.

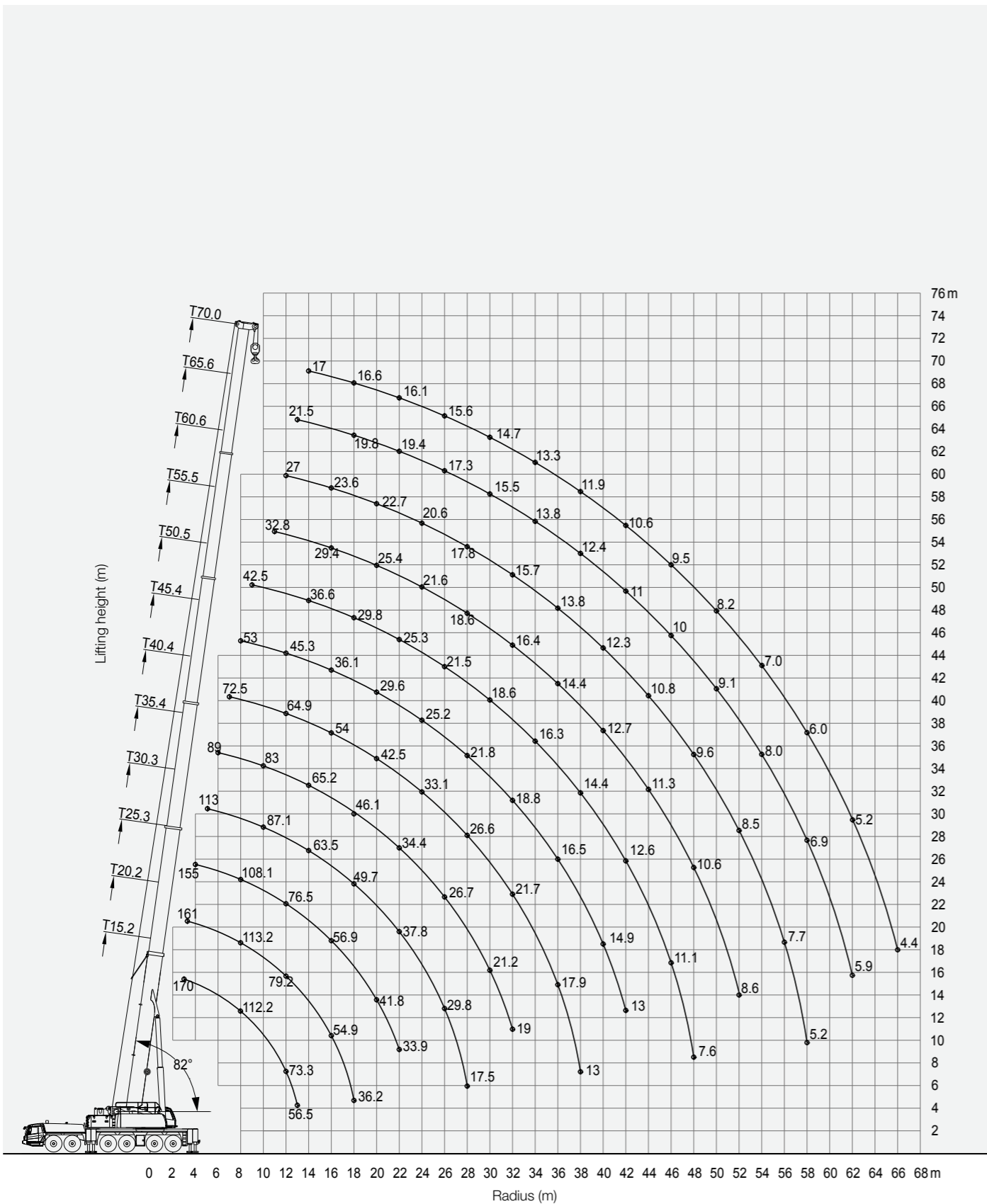


| Type                                      | Item   | Parameter                           |               |
|---|--|-------------------------------------|---------------|
| Capacity                                  | Max. lifting capacity                                      | 400t                                |               |
| Dimensions                                | Overall length   | 18035mm                             |               |
|   | Overall width  | 3000mm                              |               |
|   | Overall height   | 4000mm                              |               |
|   | Axle distance  | Axle-1,2                            | 1650mm        |
|   |  | Axle-2,3                            | 3170mm        |
|   |  | Axle-3,4                            | 1650mm        |
| Axle-4,5                                  |  | 2440mm                              |               |
| Axle-5,6                                  |  | 1650mm                              |               |
| Weight                                    | Overall weight   | 72000 kg                            |               |
|   | Axle load  | Axle load-1,2,3                     | 12000 kg      |
|   |  | Axle load-4,5,6                     | 12000 kg      |
| Engine                                    | Rated power  | 440 kW/1800rpm                      |               |
|   | Rated torque   | 2800 N.m/ 1300 rpm                  |               |
|   | Rated power  | 205 kW/2200rpm                      |               |
|   | Rated torque   | 1100 N.m/ 1200 rpm~1600 rpm         |               |
| Traveling                                 | Max.traveling speed  | 80 km/h                             |               |
|   | Turning radius   | Min.turning radius                  | 12 m          |
|   |  | Min.turning radius of boom head     | 14.4 m        |
|   | Wheel formula  | 12 × 8                              |               |
|   | Min.ground clearance                                       | 360 mm                              |               |
|   | Approach angle   | 16 °                                |               |
|   | Departure angle  | 18 °                                |               |
|   | Max.gradeability   | 49%                                 |               |
| Fuel consumption per 100km                | ≤ 114 L  |                                     |               |
| Main Performance Data                     | Temperature range  | - 20 °C ~ + 50 °C                   |               |
|   | Min.rated range  | 3 m                                 |               |
|   | Tail slewing radius of swingtable                          | 5735 mm                             |               |
|   | Boom section   | 6                                   |               |
|   | Boom shape   | U-shaped                            |               |
|   | Max.lifting moment   | Base boom                           | 11520 kN·m    |
|   |  | Full-extend boom                    | 8180 kN·m     |
|   |  | Max. length of main boom+fixed jib  | 1995 kN·m     |
|   |  | Max. length of main boom+ tower jib | 1768 kN·m     |
|   | Boom length  | Base boom                           | 15.2 m        |
|   |  | Full-extend boom                    | 70 m          |
|   |  | Max. length of main boom+fixed jib  | 65.6+2.5+42 m |
|   |  | Max. length of main boom+tower jib  | 55.5+7+78 m   |
| Outrigger span (Longitudinal×Transversal) | 8.95 × 8.6 m   |                                     |               |
| Jib offset                                | 0°,20°,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                     | 540 / 540 s                         |               |
|   | Full lifting/descending time of boom                       | 75 / 110 s                          |               |
|   | Slewing speed  | 1.2 r/min                           |               |
| Air condition                             | Superstructure   | Cooling/Heating                     |               |
|   | Chassis  | Cooling/Heating                     |               |



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**Prerequisites:**

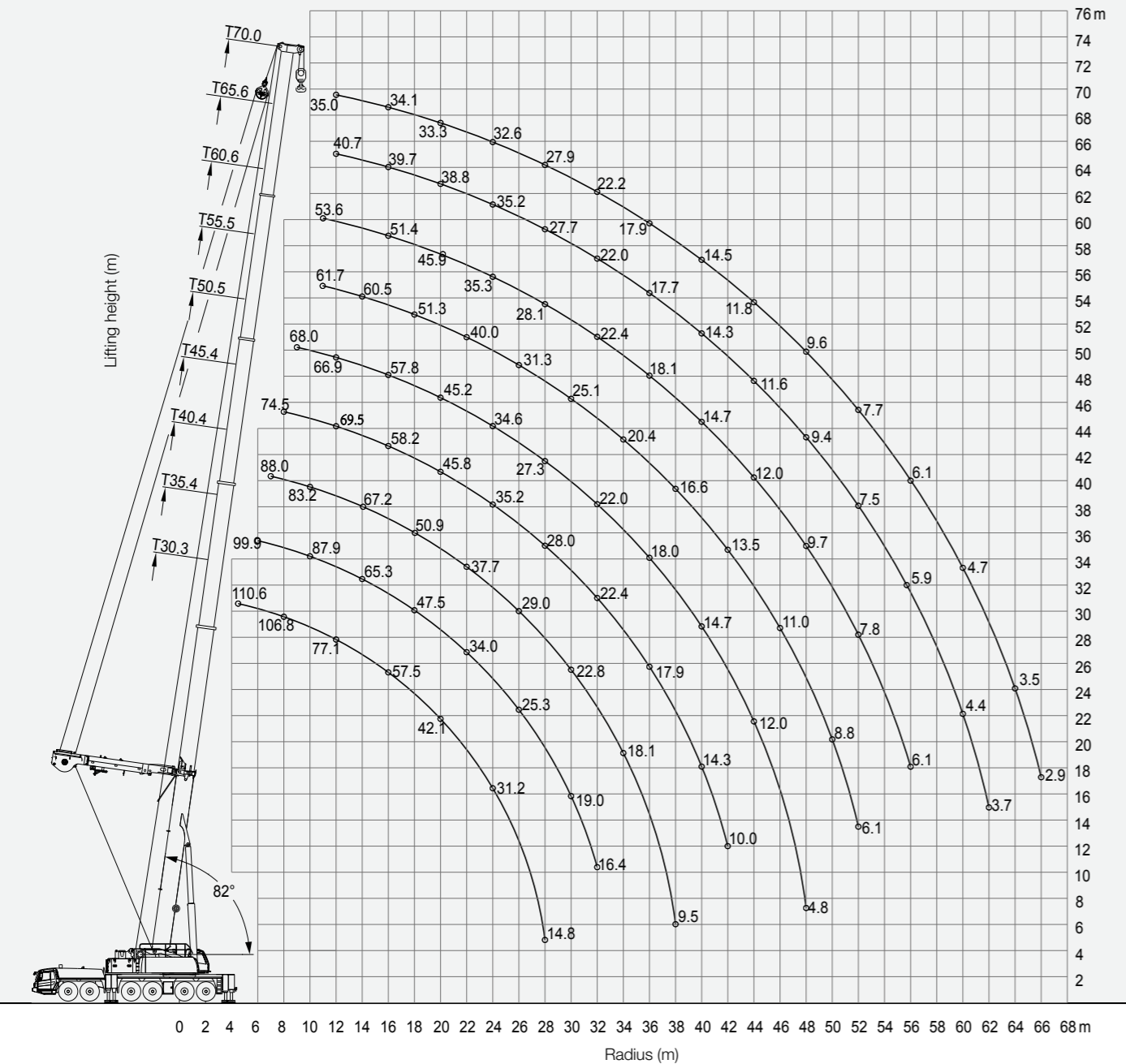
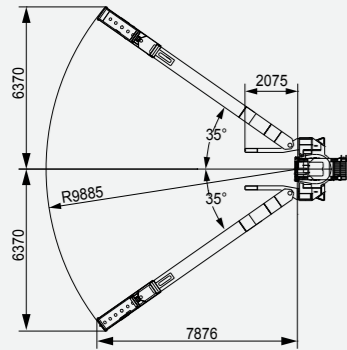
- ① Boom operating conditions (fully extended boom length), max. length is 70m
- ② The span of outriggers is 8.95m×8.6m
- ③ 360° rotation is applied
- ④ Counterweight is 100T

| working range | Main boom |       |       |       |       |       |       |       |       |       |       |       | working range |     |
|---------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|-----|
|               | 15.2m*    | 15.2m | 20.2m | 25.3m | 30.3m | 35.4m | 40.4m | 45.4m | 50.5m | 55.5m | 60.6m | 65.6m |               | 70m |
| 2.5           | 400.0     |       |       |       |       |       |       |       |       |       |       |       |               | 2.5 |
| 3             | 350.0     | 170.0 |       |       |       |       |       |       |       |       |       |       |               | 3   |
| 3.5           | 260.0     | 170.0 | 161.0 |       |       |       |       |       |       |       |       |       |               | 3.5 |
| 4             | 235.0     | 170.0 | 161.0 | 155.0 |       |       |       |       |       |       |       |       |               | 4   |
| 4.5           | 215.0     | 165.2 | 161.0 | 150.0 |       |       |       |       |       |       |       |       |               | 4.5 |
| 5             | 198.0     | 155.0 | 156.0 | 145.0 | 113.0 |       |       |       |       |       |       |       |               | 5   |
| 6             | 175.0     | 137.8 | 138.9 | 135.0 | 112.0 | 89.0  |       |       |       |       |       |       |               | 6   |
| 7             | 157.0     | 123.8 | 125.0 | 122.0 | 106.2 | 87.0  | 72.5  |       |       |       |       |       |               | 7   |
| 8             | 142.0     | 112.2 | 113.2 | 110.0 | 103.2 | 86.0  | 70.5  | 53.0  |       |       |       |       |               | 8   |
| 9             | 128.0     | 102.5 | 103.0 | 100.0 | 96.0  | 85.0  | 69.5  | 52.1  | 42.5  |       |       |       |               | 9   |
| 10            | 112.0     | 94.2  | 94.2  | 92.0  | 87.1  | 83.0  | 68.5  | 50.8  | 41.5  |       |       |       |               | 10  |
| 11            | 98.0      | 84.7  | 86.5  | 88.0  | 79.5  | 81.0  | 66.5  | 48.3  | 40.3  | 32.8  |       |       |               | 11  |
| 12            | 86.0      | 73.3  | 79.2  | 85.0  | 72.9  | 76.0  | 64.9  | 45.3  | 38.5  | 32.4  | 27.0  |       |               | 12  |
| 13            | 66.0      | 56.5  | 72.7  | 73.0  | 68.0  | 70.8  | 62.5  | 43.2  | 38.2  | 31.3  | 26.5  | 21.5  |               | 13  |
| 14            |           |       | 67.1  | 68.5  | 59.5  | 65.2  | 60.0  | 40.5  | 36.6  | 30.2  | 26.0  | 21.4  | 17.0          | 14  |
| 16            |           |       | 54.9  | 59.5  | 52.2  | 54.6  | 54.0  | 36.1  | 32.9  | 29.4  | 23.6  | 20.8  | 16.8          | 16  |
| 18            |           |       | 36.2  | 52.2  | 44.5  | 46.1  | 49.1  | 32.7  | 29.8  | 27.7  | 23.5  | 19.8  | 16.6          | 18  |
| 20            |           |       |       | 44.5  | 43.1  | 39.6  | 42.5  | 29.6  | 27.4  | 25.4  | 22.7  | 19.5  | 16.3          | 20  |
| 22            |           |       |       | 35.0  | 37.8  | 34.4  | 37.3  | 27.3  | 25.3  | 23.4  | 22.0  | 19.4  | 16.1          | 22  |
| 24            |           |       |       |       | 33.2  | 30.2  | 33.1  | 25.2  | 23.3  | 21.6  | 20.6  | 18.2  | 15.8          | 24  |
| 26            |           |       |       |       | 29.8  | 26.7  | 29.5  | 23.2  | 21.5  | 20.2  | 19.0  | 17.3  | 15.6          | 26  |
| 28            |           |       |       |       | 17.5  | 23.7  | 26.6  | 21.8  | 19.8  | 18.6  | 17.8  | 16.2  | 15.4          | 28  |
| 30            |           |       |       |       |       | 21.2  | 24.0  | 20.1  | 18.6  | 17.5  | 16.7  | 15.5  | 14.7          | 30  |
| 32            |           |       |       |       |       | 19.0  | 21.7  | 18.8  | 17.4  | 16.4  | 15.7  | 14.8  | 14.0          | 32  |
| 34            |           |       |       |       |       |       | 19.7  | 17.6  | 16.3  | 15.4  | 14.7  | 13.8  | 13.3          | 34  |
| 36            |           |       |       |       |       |       | 17.9  | 16.5  | 15.3  | 14.4  | 13.8  | 13.2  | 12.5          | 36  |
| 38            |           |       |       |       |       |       | 13.0  | 15.6  | 14.4  | 13.5  | 12.9  | 12.4  | 11.9          | 38  |
| 40            |           |       |       |       |       |       |       | 14.9  | 13.5  | 12.7  | 12.3  | 11.8  | 11.4          | 40  |
| 42            |           |       |       |       |       |       |       | 13.0  | 12.6  | 11.9  | 11.5  | 11.0  | 10.6          | 42  |
| 44            |           |       |       |       |       |       |       |       | 12.0  | 11.3  | 10.8  | 10.5  | 10.1          | 44  |
| 46            |           |       |       |       |       |       |       |       | 11.1  | 10.6  | 10.3  | 10.0  | 9.5           | 46  |
| 48            |           |       |       |       |       |       |       |       | 7.6   | 10.1  | 9.6   | 9.4   | 8.8           | 48  |
| 50            |           |       |       |       |       |       |       |       |       | 9.5   | 8.8   | 9.1   | 8.2           | 50  |
| 52            |           |       |       |       |       |       |       |       |       | 8.6   | 8.5   | 8.5   | 7.6           | 52  |
| 54            |           |       |       |       |       |       |       |       |       |       | 7.9   | 8.0   | 7.0           | 54  |
| 56            |           |       |       |       |       |       |       |       |       |       | 7.7   | 7.4   | 6.5           | 56  |
| 58            |           |       |       |       |       |       |       |       |       |       | 5.2   | 6.9   | 6.0           | 58  |
| 60            |           |       |       |       |       |       |       |       |       |       |       | 6.3   | 5.6           | 60  |
| 62            |           |       |       |       |       |       |       |       |       |       |       | 5.9   | 5.2           | 62  |
| 64            |           |       |       |       |       |       |       |       |       |       |       |       | 4.8           | 64  |
| 66            |           |       |       |       |       |       |       |       |       |       |       |       | 4.4           | 66  |
| 68            |           |       |       |       |       |       |       |       |       |       |       |       |               | 68  |
| n             |           | 14    | 13    | 13    | 10    | 8     | 6     | 5     | 4     | 3     | 3     | 2     | 2             | n   |
| m/s           | 9.0       | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0           | m/s |

illustration: \*With additional lifting equipments, Over rear;

- 1. Values listed in the table refer to rated lifting capacity measured at flat and solid ground under the lever state of the crane;
- 2. Values listed in the table refer to rated boom length, the max values of different telescopic conditions.
- 3. Rated lifting capacity listed in the table included weights of lifting hooks and hangers;
- 4. If actual boom length and range are between two values specified in the table, larger value will determine the lifting capacity.



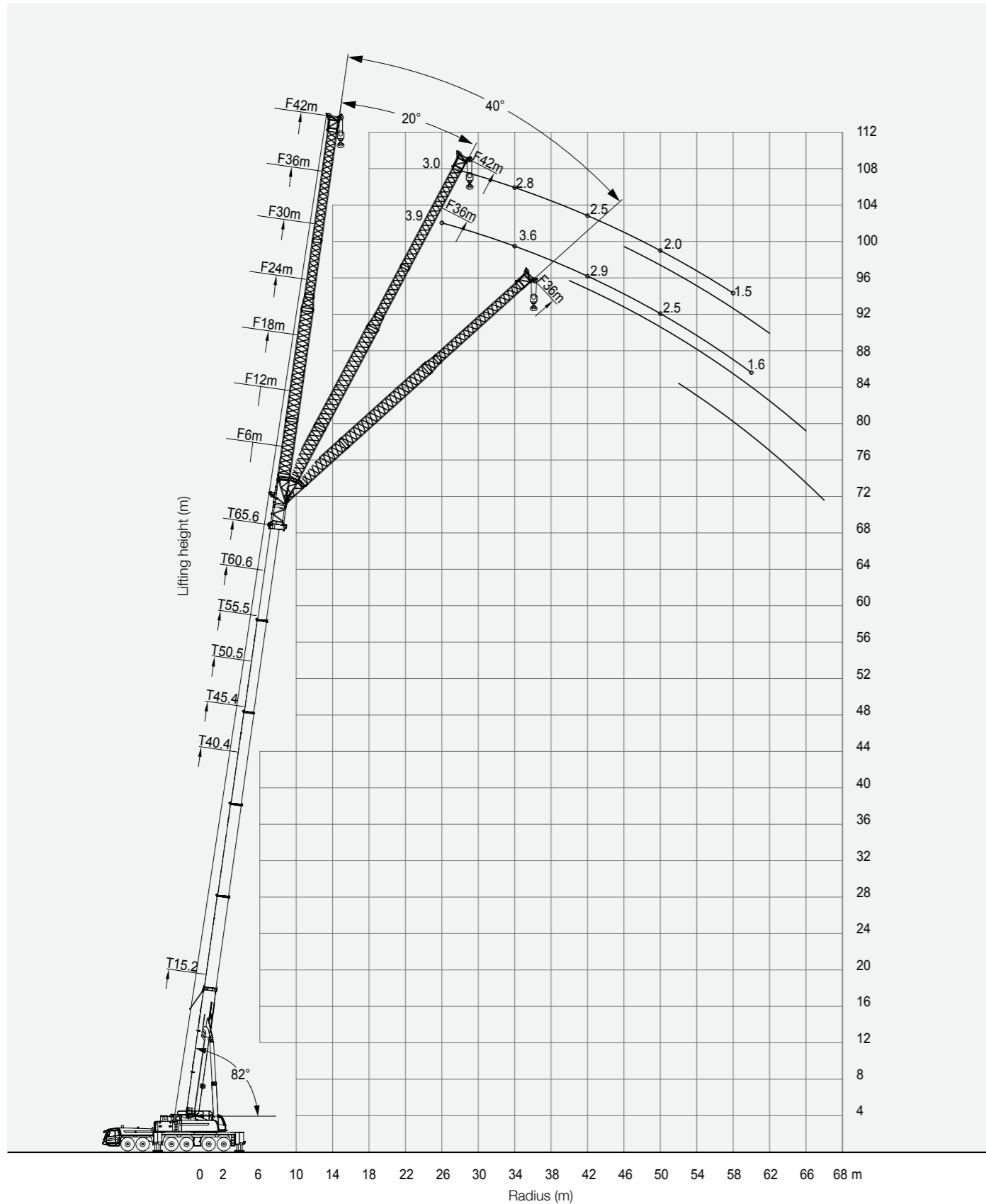


**Prerequisites:**

- ① Boom operating conditions (fully extended boom length), max. length is 70m
- ② The span of outriggers is 8.95m×8.6m
- ③ 360° rotation is applied
- ④ Counterweight is 100T
- ⑤ Superlift angle of one-side unfold is 35°

| working range | Main boom + Superlift |       |       |       |       |       |       |       |      | working range |
|---------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|------|---------------|
|               | 30.3m                 | 35.4m | 40.4m | 45.4m | 50.5m | 55.5m | 60.6m | 65.6m | 70m  |               |
| 4.5           | 110.6                 |       |       |       |       |       |       |       |      | 4.5           |
| 5             | 112.7                 |       |       |       |       |       |       |       |      | 5             |
| 6             | 112.7                 | 99.9  |       |       |       |       |       |       |      | 6             |
| 7             | 111.3                 | 102.4 | 88.0  |       |       |       |       |       |      | 7             |
| 8             | 106.8                 | 101.2 | 87.0  | 74.5  |       |       |       |       |      | 8             |
| 9             | 98.7                  | 94.9  | 86.0  | 74.5  | 68.0  |       |       |       |      | 9             |
| 10            | 87.7                  | 87.9  | 83.2  | 74.1  | 68.1  |       |       |       |      | 10            |
| 11            | 83.5                  | 80.6  | 79.1  | 72.3  | 68.1  | 61.7  | 53.6  |       |      | 11            |
| 12            | 77.1                  | 77.0  | 74.9  | 69.5  | 66.9  | 61.3  | 53.3  | 40.7  | 35.0 | 12            |
| 13            | 71.4                  | 71.3  | 70.4  | 67.1  | 64.6  | 61.1  | 52.9  | 40.5  | 34.8 | 13            |
| 14            | 66.4                  | 65.3  | 67.2  | 65.1  | 62.3  | 60.5  | 52.2  | 40.2  | 34.4 | 14            |
| 16            | 57.5                  | 55.4  | 58.6  | 58.2  | 57.8  | 56.5  | 51.4  | 39.7  | 34.1 | 16            |
| 18            | 49.5                  | 47.1  | 50.9  | 51.7  | 51.4  | 51.3  | 49.7  | 39.3  | 33.7 | 18            |
| 20            | 42.1                  | 39.8  | 43.6  | 45.8  | 45.2  | 45.8  | 45.9  | 38.8  | 33.3 | 20            |
| 22            | 36.2                  | 34.0  | 37.7  | 40.0  | 39.3  | 40.0  | 40.1  | 38.3  | 33.0 | 22            |
| 24            | 31.4                  | 29.3  | 33.0  | 35.2  | 34.6  | 35.2  | 35.3  | 35.2  | 32.6 | 24            |
| 26            | 25.6                  | 25.3  | 29.0  | 31.3  | 30.7  | 31.3  | 31.4  | 31.2  | 31.5 | 26            |
| 28            | 14.8                  | 21.9  | 25.7  | 28.0  | 27.3  | 28.0  | 28.1  | 27.7  | 27.9 | 28            |
| 30            |                       | 19.0  | 22.8  | 25.0  | 24.5  | 25.1  | 25.0  | 24.6  | 24.8 | 30            |
| 32            |                       | 16.4  | 20.3  | 22.4  | 22.0  | 22.7  | 22.4  | 22.0  | 22.2 | 32            |
| 34            |                       |       | 18.1  | 20.0  | 19.9  | 20.4  | 20.1  | 19.7  | 19.9 | 34            |
| 36            |                       |       | 16.1  | 17.9  | 18.0  | 18.4  | 18.1  | 17.7  | 17.9 | 36            |
| 38            |                       |       | 9.5   | 16.1  | 16.3  | 16.6  | 16.3  | 15.9  | 16.1 | 38            |
| 40            |                       |       |       | 14.3  | 14.7  | 14.9  | 14.7  | 14.3  | 14.5 | 40            |
| 42            |                       |       |       | 10.0  | 13.4  | 13.5  | 13.3  | 12.9  | 13.1 | 42            |
| 44            |                       |       |       |       | 12.0  | 12.2  | 12.0  | 11.6  | 11.8 | 44            |
| 46            |                       |       |       |       | 9.7   | 11.0  | 10.8  | 10.5  | 10.7 | 46            |
| 48            |                       |       |       |       | 4.8   | 9.9   | 9.7   | 9.4   | 9.6  | 48            |
| 50            |                       |       |       |       |       | 8.8   | 8.7   | 8.4   | 8.6  | 50            |
| 52            |                       |       |       |       |       | 6.1   | 7.8   | 7.5   | 7.7  | 52            |
| 54            |                       |       |       |       |       |       | 6.9   | 6.7   | 6.9  | 54            |
| 56            |                       |       |       |       |       |       | 6.1   | 5.9   | 6.1  | 56            |
| 58            |                       |       |       |       |       |       |       | 5.1   | 5.4  | 58            |
| 60            |                       |       |       |       |       |       |       | 4.4   | 4.7  | 60            |
| 62            |                       |       |       |       |       |       |       | 3.7   | 4.1  | 62            |
| 64            |                       |       |       |       |       |       |       |       | 3.5  | 64            |
| 66            |                       |       |       |       |       |       |       |       | 2.9  | 66            |
| 68            |                       |       |       |       |       |       |       |       |      | 68            |
| n             | 10.0                  | 9.0   | 7.0   | 6.0   | 5.0   | 5.0   | 5.0   | 4.0   | 3.0  | n             |
| m/s           | 9.0                   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   | 9.0  | m/s           |

- 1. Values listed in the table refer to rated lifting capacity measured at flat and solid ground under the lever state of the crane;
- 2. Values listed in the table refer to rated boom length, the max values of different telescopic conditions.
- 3. Rated lifting capacity listed in the table included weights of lifting hooks and hangers;
- 4. If actual boom length and range are between two values specified in the table, larger value will determine the lifting capacity.



- Prerequisites:**
- ① Boom operating conditions( boom length + adapter+ jib length), max.length is 65.6m+2.5m+6m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T

| working range | Main boom +Adapter+ Jib |      |      |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      | working range |            |      |     |
|---------------|-------------------------|------|------|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|------|------|---------------|------------|------|-----|
|               | 15.2+2.5m*              |      |      | 40.4+2.5m* |     |     | 45.4+2.5m* |     |     | 50.5+2.5m* |     |     | 55.5+2.5m* |     |     | 60.6+2.5m* |      |      |               | 65.6+2.5m* |      |     |
|               | 0°                      | 20°  | 40°  | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20°  | 40°  | 0°            | 20°        | 40°  |     |
| 3.5           |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 3.5 |
| 4.0           | 43.2                    |      |      |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 4.0 |
| 4.5           | 41.6                    |      |      |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 4.5 |
| 5             | 39.8                    |      |      |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 5   |
| 6             | 36.4                    |      |      |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 6   |
| 7             | 33.0                    | 30.0 |      |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 7   |
| 8             | 30.2                    | 27.6 | 25.6 |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 8   |
| 9             | 27.6                    | 25.8 | 24.1 |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 9   |
| 10            | 26.3                    | 24.3 | 22.7 |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 10  |
| 11            | 24.6                    | 22.8 | 21.6 |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 11  |
| 12            | 23.1                    | 21.6 | 20.3 |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 12  |
| 13            | 21.2                    | 20.7 | 19.6 |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 13  |
| 14            | 19.9                    | 19.5 | 18.6 |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      |               |            |      | 14  |
| 16            | 18.3                    | 17.5 | 16.5 |            |     |     |            |     |     |            |     |     |            |     |     |            | 17.3 |      |               |            |      | 16  |
| 18            | 16.6                    | 16.3 | 14.3 |            |     |     |            |     |     |            |     |     |            |     |     | 16.4       | 16.3 |      | 13.8          |            |      | 18  |
| 20            | 15.3                    | 15.1 | 8.7  |            |     |     |            |     |     |            |     |     |            |     |     | 15.3       | 15.3 | 15.4 | 13.1          | 13.0       |      | 20  |
| 22            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 14.2       | 14.4 | 14.5 | 12.4          | 12.4       | 10.3 | 22  |
| 24            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 13.3       | 13.5 | 13.7 | 11.7          | 11.7       | 10.2 | 24  |
| 26            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 12.4       | 12.6 | 12.8 | 11.0          | 11.1       | 10.0 | 26  |
| 28            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 11.5       | 11.7 | 11.9 | 10.3          | 10.4       | 9.8  | 28  |
| 30            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 10.7       | 10.9 | 11.1 | 9.6           | 9.8        | 9.7  | 30  |
| 32            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 10.0       | 10.2 | 10.4 | 9.0           | 9.2        | 9.4  | 32  |
| 34            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 9.3        | 9.5  | 9.7  | 8.4           | 8.6        | 8.8  | 34  |
| 36            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 8.7        | 8.9  | 9.0  | 7.8           | 8.0        | 8.2  | 36  |
| 38            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 8.0        | 8.2  | 8.3  | 7.3           | 7.5        | 7.7  | 38  |
| 40            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 7.4        | 7.6  | 7.7  | 6.8           | 7.0        | 7.1  | 40  |
| 42            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 6.9        | 7.1  | 7.0  | 6.3           | 6.5        | 6.6  | 42  |
| 44            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 6.3        | 6.5  | 6.5  | 5.8           | 6.1        | 6.1  | 44  |
| 46            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 5.8        | 6.0  |      | 5.4           | 5.6        | 5.7  | 46  |
| 48            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 5.3        | 5.5  |      | 5.0           | 5.2        | 5.0  | 48  |
| 50            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 4.9        | 5.0  |      | 4.6           | 4.8        |      | 50  |
| 52            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 4.4        | 4.6  |      | 4.2           | 4.4        |      | 52  |
| 54            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 4.0        | 4.2  |      | 3.8           | 4.0        |      | 54  |
| 56            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 3.7        | 3.8  |      | 3.4           | 3.6        |      | 56  |
| 58            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 3.3        | 3.4  |      | 3.1           | 3.3        |      | 58  |
| 60            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 3.0        |      |      | 2.8           | 3.0        |      | 60  |
| 62            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 2.7        |      |      | 2.6           | 2.7        |      | 62  |
| 64            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 2.5        |      |      | 2.3           |            |      | 64  |
| 66            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     | 1.8        |      |      | 2.0           |            |      | 66  |
| 68            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      | 1.8           |            |      | 68  |
| 70            |                         |      |      |            |     |     |            |     |     |            |     |     |            |     |     |            |      |      | 1.6           |            |      | 70  |

\*adapter

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter + jib length), max.length is 65.6m+2.5m+12m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T

| working range | Main boom + Adapter+ Jib |      |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     |     |    | working range |
|---------------|--------------------------|------|------|------------|-----|-----|------------|-----|-----|------------|------|------|------------|------|------|------------|-----|-----|------------|-----|------|-----|-----|----|---------------|
|               | 15.2+2.5m*               |      |      | 40.4+2.5m* |     |     | 45.4+2.5m* |     |     | 50.5+2.5m* |      |      | 55.5+2.5m* |      |      | 60.6+2.5m* |     |     | 65.6+2.5m* |     |      |     |     |    |               |
|               | 0°                       | 20°  | 40°  | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20°  | 40°  | 0°         | 20°  | 40°  | 0°         | 20° | 40° | 0°         | 20° | 40°  |     |     |    |               |
| 5             | 31.0                     |      |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     | 5   |    |               |
| 6             | 28.6                     |      |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     | 6   |    |               |
| 7             | 26.1                     |      |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     | 7   |    |               |
| 8             | 24.3                     |      |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     | 8   |    |               |
| 9             | 22.5                     |      |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     | 9   |    |               |
| 10            | 21.0                     | 18.6 |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     | 10  |    |               |
| 11            | 19.5                     | 17.6 |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     | 11  |    |               |
| 12            | 18.2                     | 16.5 |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     | 12  |    |               |
| 13            | 17.0                     | 15.4 | 14.3 |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     | 13  |    |               |
| 14            | 15.6                     | 14.9 | 13.5 |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     | 14  |    |               |
| 16            | 14.1                     | 13.5 | 12.5 |            |     |     |            |     |     |            | 17.6 |      |            |      |      |            |     |     |            |     |      |     | 16  |    |               |
| 18            | 12.5                     | 12.4 | 11.2 |            |     |     |            |     |     |            | 16.7 |      |            | 13.8 |      |            |     |     |            |     |      |     | 18  |    |               |
| 20            | 11.4                     | 11.3 | 10.6 |            |     |     |            |     |     |            | 15.6 |      |            | 13.2 |      |            |     |     |            |     | 10.9 |     | 20  |    |               |
| 22            | 10.3                     | 10.1 | 9.8  |            |     |     |            |     |     |            | 14.6 | 14.1 |            | 12.5 |      |            |     |     |            |     | 10.5 |     | 22  |    |               |
| 24            | 9.6                      | 9.6  | 9.2  |            |     |     |            |     |     |            | 13.7 | 13.5 | 10.0       | 11.8 | 11.8 |            |     |     |            |     | 10.0 | 9.5 | 24  |    |               |
| 26            | 8.9                      | 9.0  | 7.2  |            |     |     |            |     |     |            | 12.8 | 13.0 | 9.8        | 11.1 | 11.2 | 9.9        |     |     |            |     | 9.5  | 9.1 | 26  |    |               |
| 28            |                          |      |      |            |     |     |            |     |     |            | 11.9 | 12.2 | 9.6        | 10.4 | 10.6 | 9.7        |     |     |            |     | 9.0  | 8.7 | 8.4 | 28 |               |
| 30            |                          |      |      |            |     |     |            |     |     |            | 11.1 | 11.4 | 9.4        | 9.7  | 10.0 | 9.5        |     |     |            |     | 8.5  | 8.3 | 8.1 | 30 |               |
| 32            |                          |      |      |            |     |     |            |     |     |            | 10.4 | 10.6 | 9.3        | 9.1  | 9.4  | 9.3        |     |     |            |     | 8.0  | 7.9 | 7.7 | 32 |               |
| 34            |                          |      |      |            |     |     |            |     |     |            | 9.7  | 9.9  | 9.1        | 8.5  | 8.8  | 8.8        |     |     |            |     | 7.5  | 7.6 | 7.5 | 34 |               |
| 36            |                          |      |      |            |     |     |            |     |     |            | 9.1  | 9.3  | 9.0        | 7.9  | 8.2  | 8.3        |     |     |            |     | 7.1  | 7.2 | 7.2 | 36 |               |
| 38            |                          |      |      |            |     |     |            |     |     |            | 8.4  | 8.6  | 8.8        | 7.4  | 7.7  | 7.8        |     |     |            |     | 6.6  | 6.8 | 6.8 | 38 |               |
| 40            |                          |      |      |            |     |     |            |     |     |            | 7.8  | 8.0  | 8.2        | 6.9  | 7.1  | 7.3        |     |     |            |     | 6.2  | 6.4 | 6.5 | 40 |               |
| 42            |                          |      |      |            |     |     |            |     |     |            | 7.2  | 7.4  | 7.6        | 6.4  | 6.7  | 6.8        |     |     |            |     | 5.8  | 6.0 | 6.2 | 42 |               |
| 44            |                          |      |      |            |     |     |            |     |     |            | 6.7  | 6.9  | 7.0        | 6.0  | 6.2  | 6.3        |     |     |            |     | 5.4  | 5.6 | 5.8 | 44 |               |
| 46            |                          |      |      |            |     |     |            |     |     |            | 6.1  | 6.4  | 6.5        | 5.5  | 5.7  | 5.9        |     |     |            |     | 5.0  | 5.3 | 5.4 | 46 |               |
| 48            |                          |      |      |            |     |     |            |     |     |            | 5.7  | 5.9  | 6.0        | 5.1  | 5.3  | 5.4        |     |     |            |     | 4.6  | 4.9 | 5.0 | 48 |               |
| 50            |                          |      |      |            |     |     |            |     |     |            | 5.2  | 5.4  |            | 4.7  | 4.9  | 5.0        |     |     |            |     | 4.3  | 4.5 | 4.7 | 50 |               |
| 52            |                          |      |      |            |     |     |            |     |     |            | 4.8  | 4.9  |            | 4.3  | 4.5  |            |     |     |            |     | 3.9  | 4.2 | 4.3 | 52 |               |
| 54            |                          |      |      |            |     |     |            |     |     |            | 4.4  | 4.5  |            | 3.9  | 4.1  |            |     |     |            |     | 3.6  | 3.8 | 3.9 | 54 |               |
| 56            |                          |      |      |            |     |     |            |     |     |            | 4.0  | 4.1  |            | 3.5  | 3.7  |            |     |     |            |     | 3.3  | 3.5 |     | 56 |               |
| 58            |                          |      |      |            |     |     |            |     |     |            | 3.6  | 3.7  |            | 3.2  | 3.4  |            |     |     |            |     | 3.0  | 3.2 |     | 58 |               |
| 60            |                          |      |      |            |     |     |            |     |     |            | 3.3  | 3.4  |            | 2.9  | 3.0  |            |     |     |            |     | 2.7  | 3.0 |     | 60 |               |
| 62            |                          |      |      |            |     |     |            |     |     |            | 3.0  |      |            | 2.6  | 2.8  |            |     |     |            |     | 2.4  | 2.7 |     | 62 |               |
| 64            |                          |      |      |            |     |     |            |     |     |            | 2.7  |      |            | 2.4  | 2.5  |            |     |     |            |     | 2.1  | 2.4 |     | 64 |               |
| 66            |                          |      |      |            |     |     |            |     |     |            | 2.4  |      |            | 2.1  |      |            |     |     |            |     | 1.9  | 2.1 |     | 66 |               |
| 68            |                          |      |      |            |     |     |            |     |     |            |      |      |            | 1.9  |      |            |     |     |            |     | 1.7  | 1.9 |     | 68 |               |
| 70            |                          |      |      |            |     |     |            |     |     |            |      |      |            |      | 1.6  |            |     |     |            |     |      |     |     | 70 |               |
| 72            |                          |      |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     |     | 72 |               |
| 74            |                          |      |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     |     | 74 |               |
| 76            |                          |      |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     |     | 76 |               |
| 78            |                          |      |      |            |     |     |            |     |     |            |      |      |            |      |      |            |     |     |            |     |      |     |     | 78 |               |

\*adapter

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter + jib length), max.length is 65.6m+2.5m+18m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T

| working range | Main boom + Adapter+ Jib |      |     |            |      |     |            |     |     |            |      |      |            |     |     |            |     |     |            |     |      |      |      |      | working range |     |       |     |     |     |     |     |     |     |    |
|---------------|--------------------------|------|-----|------------|------|-----|------------|-----|-----|------------|------|------|------------|-----|-----|------------|-----|-----|------------|-----|------|------|------|------|---------------|-----|-------|-----|-----|-----|-----|-----|-----|-----|----|
|               | 15.2+2.5m*               |      |     | 40.4+2.5m* |      |     | 45.4+2.5m* |     |     | 50.5+2.5m* |      |      | 55.5+2.5m* |     |     | 60.6+2.5m* |     |     | 65.6+2.5m* |     |      |      |      |      |               |     |       |     |     |     |     |     |     |     |    |
|               | 0°                       | 20°  | 40° | 0°         | 20°  | 40° | 0°         | 20° | 40° | 0°         | 20°  | 40°  | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40°  |      |      |      |               |     |       |     |     |     |     |     |     |     |    |
| 7             | 21.2                     |      |     |            |      |     |            |     |     |            |      |      |            |     |     |            |     |     |            |     |      |      | 7    |      |               |     |       |     |     |     |     |     |     |     |    |
| 8             | 19.5                     |      |     |            |      |     |            |     |     |            |      |      |            |     |     |            |     |     |            |     |      |      | 8    |      |               |     |       |     |     |     |     |     |     |     |    |
| 9             | 18.6                     |      |     |            |      |     |            |     |     |            |      |      |            |     |     |            |     |     |            |     |      |      | 9    |      |               |     |       |     |     |     |     |     |     |     |    |
| 10            | 17.9                     |      |     |            |      |     |            |     |     |            |      |      |            |     |     |            |     |     |            |     |      |      | 10   |      |               |     |       |     |     |     |     |     |     |     |    |
| 11            | 16.5                     |      |     |            |      |     |            |     |     |            |      |      |            |     |     |            |     |     |            |     |      |      | 11   |      |               |     |       |     |     |     |     |     |     |     |    |
| 12            | 15.4                     | 13.1 |     |            |      |     |            |     |     |            |      |      |            |     |     |            |     |     |            |     |      |      | 12   |      |               |     |       |     |     |     |     |     |     |     |    |
| 13            | 14.8                     | 12.8 |     |            |      |     |            |     |     |            |      |      |            |     |     |            |     |     |            |     |      |      | 13   |      |               |     |       |     |     |     |     |     |     |     |    |
| 14            | 13.8                     | 11.7 |     |            |      |     |            |     |     |            | 19.4 |      |            |     |     |            |     |     |            |     | 19.0 |      | 14   |      |               |     |       |     |     |     |     |     |     |     |    |
| 16            | 12.4                     | 10.9 |     |            |      |     |            |     |     |            | 17.9 |      |            |     |     |            |     |     |            |     |      | 16.7 | 16   |      |               |     |       |     |     |     |     |     |     |     |    |
| 18            | 11.2                     | 9.6  |     |            |      |     |            |     |     |            | 16.5 |      |            |     |     |            |     |     |            |     | 15.9 |      | 14.4 | 18   |               |     |       |     |     |     |     |     |     |     |    |
| 20            | 10.2                     | 9.0  | 9.5 | 15.4       | 10.5 |     |            |     |     |            | 15.7 | 10.8 |            |     |     |            |     |     |            |     | 15.0 |      | 13.7 | 20   |               |     |       |     |     |     |     |     |     |     |    |
| 22            | 9.1                      | 8.2  | 8.9 | 14.4       | 10.2 |     |            |     |     |            | 14.8 | 10.4 |            |     |     |            |     |     |            |     | 14.3 | 10.6 | 13.0 | 22   |               |     |       |     |     |     |     |     |     |     |    |
| 24            | 8.2                      | 7.6  | 8.2 | 13.6       | 9.8  | 7.8 |            |     |     |            | 13.9 | 10.1 |            |     |     |            |     |     |            |     | 13.6 | 10.3 | 12.2 | 24   |               |     |       |     |     |     |     |     |     |     |    |
| 26            | 7.6                      | 7.1  | 7.6 | 12.8       | 9.5  | 7.7 |            |     |     |            | 13.1 | 9.7  | 7.8        |     |     |            |     |     |            |     | 12.9 | 10.0 | 7.9  | 11.5 | 10.1          | 9.6 | 9.5   | 7.9 | 26  |     |     |     |     |     |    |
| 28            | 7.0                      | 6.7  | 7.2 | 12.1       | 9.1  | 7.5 |            |     |     |            | 12.4 | 9.4  | 7.6        |     |     |            |     |     |            |     | 12.2 | 9.7  | 7.7  | 10.8 | 9.7           | 7.8 | 9.1   | 9.0 | 7.6 | 7.2 | 28  |     |     |     |    |
| 30            | 6.5                      | 6.2  | 6.7 | 11.4       | 8.8  | 7.4 |            |     |     |            | 11.6 | 9.1  | 7.5        |     |     |            |     |     |            |     | 11.6 | 9.4  | 7.6  | 10.1 | 9.4           | 7.7 | 8.6   | 8.6 | 7.3 | 6.9 | 30  |     |     |     |    |
| 32            | 6.2                      | 6.0  | 6.5 | 10.7       | 8.6  | 7.3 |            |     |     |            | 11.1 | 8.9  | 7.4        |     |     |            |     |     |            |     | 11.0 | 9.1  | 7.5  | 9.5  | 9.0           | 7.6 | 8.2   | 8.2 | 7.6 | 7.0 | 6.6 | 6.3 | 32  |     |    |
| 34            |                          |      |     | 10.1       | 8.3  | 7.2 |            |     |     |            | 10.5 | 8.6  | 7.3        |     |     |            |     |     |            |     | 10.3 | 8.9  | 7.4  | 8.9  | 8.7           | 7.5 | 7.7   | 7.8 | 7.6 | 6.6 | 6.3 | 6.1 | 34  |     |    |
| 36            |                          |      |     | 9.6        | 8.1  | 7.1 |            |     |     |            | 9.9  | 8.3  | 7.2        |     |     |            |     |     |            |     | 9.7  | 8.6  | 7.3  | 8.3  | 8.4           | 7.4 | 7.2   | 7.4 | 7.3 | 6.3 | 6.1 | 5.8 | 36  |     |    |
| 38            |                          |      |     | 9.1        | 7.8  | 7.0 |            |     |     |            | 9.5  | 8.0  | 7.1        |     |     |            |     |     |            |     | 9.0  | 8.3  | 7.2  | 7.8  | 8.0           | 7.3 | 6.8   | 7.0 | 7.0 | 6.0 | 5.8 | 5.6 | 38  |     |    |
| 40            |                          |      |     | 8.7        | 7.5  | 6.9 |            |     |     |            | 9.0  | 7.7  | 7.0        |     |     |            |     |     |            |     | 8.4  | 8.0  | 7.1  | 7.3  | 7.5           | 7.2 | 6.3   | 6.6 | 6.7 | 5.6 | 5.6 | 5.4 | 40  |     |    |
| 42            |                          |      |     | 8.3        | 7.2  | 6.9 |            |     |     |            | 8.6  | 7.5  | 6.9        |     |     |            |     |     |            |     | 7.8  | 7.7  | 7.0  | 6.8  | 7.1           | 7.0 | 5.9   | 6.3 | 6.4 | 5.3 | 5.3 | 5.2 | 42  |     |    |
| 44            |                          |      |     | 7.9        | 7.0  | 6.8 |            |     |     |            | 8.2  | 7.2  | 6.9        |     |     |            |     |     |            |     | 7.4  | 6.9  | 7.2  | 6.4  | 6.9           | 6.3 | 6.6   | 6.8 | 5.5 | 5.9 | 6.0 | 4.9 | 5.1 | 5.0 | 44 |
| 46            |                          |      |     | 7.6        | 6.8  |     |            |     |     |            | 7.8  | 7.0  | 6.8        |     |     |            |     |     |            |     | 6.7  | 7.0  | 6.8  | 5.8  | 6.1           | 6.4 | 5.2   | 5.5 | 5.7 | 4.6 | 4.8 | 4.8 | 4.6 | 46  |    |
| 48            |                          |      |     | 7.2        | 6.6  |     |            |     |     |            | 7.4  | 6.8  |            |     |     |            |     |     |            |     | 6.2  | 6.6  | 6.6  | 5.4  | 5.7           | 5.9 | 4.8   | 5.1 | 5.3 | 4.3 | 4.6 | 4.6 | 4.6 | 48  |    |
| 50            |                          |      |     | 7.0        | 6.4  |     |            |     |     |            | 6.9  | 6.6  |            |     |     |            |     |     |            |     | 5.8  | 6.1  | 6.3  | 5.0  | 5.3           | 5.6 | 4.5   | 4.7 | 4.9 | 4.0 | 4.3 | 4.4 | 5.0 | 50  |    |
| 52            |                          |      |     | 6.7        | 6.3  |     |            |     |     |            | 6.4  | 6.4  |            |     |     |            |     |     |            |     | 5.3  | 5.7  |      | 4.6  | 4.9           | 5.1 | 4.1   | 4.4 | 4.6 | 3.7 | 4.0 | 4.1 | 5.2 | 52  |    |
| 54            |                          |      |     | 6.5        |      |     |            |     |     |            | 5.9  | 6.1  |            |     |     |            |     |     |            |     | 4.9  | 5.2  |      | 4.2  | 4.5           | 4.7 | 3.8   | 4.0 | 4.2 | 3.4 | 3.7 | 3.9 | 5.4 | 54  |    |
| 56            |                          |      |     | 6.3        |      |     |            |     |     |            | 5.5  | 5.7  |            |     |     |            |     |     |            |     | 4.5  | 4.8  |      | 3.8  | 4.2           |     | 3.5   | 3.7 | 3.9 | 3.1 | 3.4 | 3.6 | 5.6 | 56  |    |
| 58            |                          |      |     | 5.3        |      |     |            |     |     |            | 5.0  |      |            |     |     |            |     |     |            |     | 4.2  | 4.4  |      | 3.5  | 3.8           |     | 3.2   | 3.4 |     | 2.9 | 3.1 | 3.3 | 5.8 | 58  |    |
| 60            |                          |      |     |            |      |     |            |     |     |            | 4.6  |      |            |     |     |            |     |     |            |     | 3.8  | 4.1  |      | 3.2  | 3.4           |     | 2.9</ |     |     |     |     |     |     |     |    |

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter + jib length), max.length is 65.6m+2.5m+24m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T

| working range | Main boom + Adapter+ Jib |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |    |  | working range |
|---------------|--------------------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|--|----|--|---------------|
|               | 15.2+2.5m*               |     |     | 40.4+2.5m* |     |     | 45.4+2.5m* |     |     | 50.5+2.5m* |     |     | 55.5+2.5m* |     |     | 60.6+2.5m* |     |     | 65.6+2.5m* |     |     |  |    |  |               |
|               | 0°                       | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° |  |    |  |               |
| 8             | 16.3                     |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 8  |  |               |
| 9             | 15.6                     |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 9  |  |               |
| 10            | 14.5                     |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 10 |  |               |
| 11            | 13.6                     |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 11 |  |               |
| 12            | 112.8                    |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 12 |  |               |
| 13            | 11.7                     |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 13 |  |               |
| 14            | 10.8                     |     |     | 13.5       |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 14 |  |               |
| 16            | 9.6                      | 9.6 |     | 12.8       |     |     | 13.1       |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 16 |  |               |
| 18            | 8.4                      | 8.5 |     | 12.1       |     |     | 12.5       |     |     | 12.5       |     |     |            |     |     |            |     |     |            |     |     |  | 18 |  |               |
| 20            | 7.6                      | 7.9 |     | 11.6       |     |     | 12.0       |     |     | 11.9       |     |     | 11.0       |     |     | 9.1        |     |     |            |     |     |  | 20 |  |               |
| 22            | 7.0                      | 7.1 | 6.6 | 11.1       | 7.7 |     | 11.5       |     |     | 11.3       |     |     | 10.7       |     |     | 8.9        |     |     | 7.0        |     |     |  | 22 |  |               |
| 24            | 6.3                      | 6.4 | 6.2 | 10.4       | 7.3 |     | 10.8       | 7.5 |     | 10.6       |     |     | 10.1       |     |     | 8.4        |     |     | 6.7        |     |     |  | 24 |  |               |
| 26            | 5.8                      | 5.9 | 5.6 | 9.7        | 6.7 |     | 10.0       | 6.9 |     | 9.7        | 7.1 |     | 9.3        |     |     | 7.8        |     |     | 6.3        |     |     |  | 26 |  |               |
| 28            | 5.4                      | 5.5 | 5.3 | 8.8        | 6.1 | 4.3 | 8.9        | 6.2 |     | 8.8        | 6.4 |     | 8.5        | 7.2 |     | 7.1        |     |     | 5.7        |     |     |  | 28 |  |               |
| 30            | 5.0                      | 5.0 | 5.0 | 7.8        | 5.5 | 4.2 | 8.0        | 5.6 | 4.3 | 7.9        | 5.8 |     | 7.7        | 6.7 |     | 6.4        | 6.7 |     | 5.2        |     |     |  | 30 |  |               |
| 32            | 4.6                      | 4.5 | 4.7 | 7.4        | 5.2 | 4.2 | 7.6        | 5.5 | 4.2 | 7.5        | 5.6 | 4.2 | 7.2        | 6.2 |     | 6.0        | 6.3 |     | 5.0        | 5.2 |     |  | 32 |  |               |
| 34            | 4.2                      | 4.3 | 4.5 | 6.9        | 5.1 | 4.0 | 7.1        | 5.2 | 4.1 | 7.1        | 5.4 | 4.2 | 6.8        | 5.6 | 4.2 | 5.8        | 5.8 |     | 4.8        | 4.8 |     |  | 34 |  |               |
| 36            | 3.9                      | 4.0 | 4.3 | 6.5        | 4.9 | 3.9 | 6.7        | 5.1 | 4.0 | 6.8        | 5.2 | 4.1 | 6.4        | 5.4 | 4.2 | 5.4        | 5.2 | 4.2 | 4.6        | 4.4 |     |  | 36 |  |               |
| 38            | 3.6                      | 3.8 |     | 6.2        | 4.6 | 3.8 | 6.4        | 4.9 | 3.9 | 6.5        | 5.1 | 4.0 | 6.0        | 5.2 | 4.1 | 5.1        | 5.1 | 4.1 | 4.3        | 4.0 | 3.7 |  | 38 |  |               |
| 40            |                          |     |     | 5.9        | 4.5 | 3.7 | 6.0        | 4.7 | 3.8 | 6.1        | 4.9 | 3.9 | 5.6        | 5.1 | 4.0 | 4.8        | 4.8 | 4.1 | 4.1        | 3.8 | 3.6 |  | 40 |  |               |
| 42            |                          |     |     | 5.5        | 4.4 | 3.7 | 5.8        | 4.6 | 3.7 | 5.9        | 4.7 | 3.8 | 5.3        | 4.9 | 3.9 | 4.5        | 4.7 | 4.0 | 3.9        | 3.7 | 3.4 |  | 42 |  |               |
| 44            |                          |     |     | 5.3        | 4.2 | 3.7 | 5.5        | 4.4 | 3.7 | 5.6        | 4.6 | 3.7 | 4.9        | 4.7 | 3.8 | 4.3        | 4.5 | 3.9 | 3.7        | 3.5 | 3.3 |  | 44 |  |               |
| 46            |                          |     |     | 5.0        | 4.2 | 3.6 | 5.3        | 4.3 | 3.7 | 5.3        | 4.5 | 3.7 | 4.6        | 4.6 | 3.7 | 3.9        | 4.3 | 3.8 | 3.4        | 3.4 | 3.2 |  | 46 |  |               |
| 48            |                          |     |     | 4.8        | 4.0 | 3.6 | 5.0        | 4.2 | 3.6 | 4.9        | 4.3 | 3.7 | 4.3        | 4.4 | 3.7 | 3.7        | 4.0 | 3.8 | 3.2        | 3.2 | 3.1 |  | 48 |  |               |
| 50            |                          |     |     | 4.6        | 3.9 | 3.5 | 4.8        | 4.1 | 3.6 | 4.6        | 4.2 | 3.6 | 4.0        | 4.2 | 3.7 | 3.4        | 3.7 | 3.7 | 3.0        | 3.1 | 3.0 |  | 50 |  |               |
| 52            |                          |     |     | 4.3        | 3.8 |     | 4.6        | 4.0 | 3.5 | 4.3        | 4.2 | 3.6 | 3.7        | 3.9 | 3.7 | 3.1        | 3.5 | 3.7 | 2.7        | 3.0 | 2.9 |  | 52 |  |               |
| 54            |                          |     |     | 4.2        | 3.7 |     | 4.4        | 3.9 |     | 3.9        | 4.0 | 3.5 | 3.4        | 3.7 | 3.6 | 2.9        | 3.2 | 3.4 | 2.6        | 2.8 | 2.8 |  | 54 |  |               |
| 56            |                          |     |     | 4.0        | 3.7 |     | 4.3        | 3.8 |     | 3.7        | 3.9 | 3.5 | 3.1        | 3.4 | 3.6 | 2.6        | 3.0 | 3.1 | 2.3        | 2.6 | 2.7 |  | 56 |  |               |
| 58            |                          |     |     | 3.8        | 3.6 |     | 4.0        | 3.7 |     | 3.3        | 3.7 | 3.3 | 2.9        | 3.1 | 3.3 | 2.5        | 2.7 | 2.9 | 2.1        | 2.4 | 2.6 |  | 58 |  |               |
| 60            |                          |     |     | 3.7        |     |     | 3.7        | 3.7 |     | 3.1        | 3.4 |     | 2.6        | 2.9 |     | 2.2        | 2.6 | 2.6 | 2.0        | 2.2 | 2.5 |  | 60 |  |               |
| 62            |                          |     |     | 3.7        |     |     | 3.5        | 3.6 |     | 2.8        | 3.1 |     | 2.4        | 2.6 |     | 2.0        | 2.3 | 2.5 | 1.7        | 2.0 | 2.2 |  | 62 |  |               |
| 64            |                          |     |     | 3.1        |     |     | 3.2        |     |     | 2.6        | 2.8 |     | 2.1        | 2.4 |     | 1.8        | 2.0 |     | 1.5        | 1.8 | 2.0 |  | 64 |  |               |
| 66            |                          |     |     |            |     |     | 3.0        |     |     | 2.4        | 2.6 |     | 2.0        | 2.1 |     | 1.5        | 1.9 |     |            | 1.6 | 1.8 |  | 66 |  |               |
| 68            |                          |     |     |            |     |     | 2.6        |     |     | 2.1        | 2.4 |     | 1.7        | 2.0 |     |            | 1.6 |     |            |     |     |  | 68 |  |               |
| 70            |                          |     |     |            |     |     |            |     |     | 2.0        |     |     | 1.5        | 1.7 |     |            |     |     |            |     |     |  | 70 |  |               |
| 72            |                          |     |     |            |     |     |            |     |     | 1.8        |     |     |            |     |     |            |     |     |            |     |     |  | 72 |  |               |
| 74            |                          |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 74 |  |               |
| 76            |                          |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 76 |  |               |
| 78            |                          |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  | 78 |  |               |

\*adapter

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter + jib length), max.length is 65.6m+2.5m+30m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T

| working range | Main boom + Adapter + Jib |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     |     |    | working range |
|---------------|---------------------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|-----|-----|----|---------------|
|               | 15.2+2.5m*                |     |     | 40.4+2.5m* |     |     | 45.4+2.5m* |     |     | 50.5+2.5m* |     |     | 55.5+2.5m* |     |     | 60.6+2.5m* |     |     | 65.6+2.5m* |     |     |     |     |    |               |
|               | 0°                        | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° |     |     |    |               |
| 9             | 12.3                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     | 9   |    |               |
| 10            | 12.1                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     | 10  |    |               |
| 11            | 11.8                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     | 11  |    |               |
| 12            | 11.3                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     | 12  |    |               |
| 13            | 10.6                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     | 13  |    |               |
| 14            | 10.1                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     | 14  |    |               |
| 16            | 9.2                       |     |     |            |     |     | 9.8        |     |     |            |     |     | 9.6        |     |     |            |     |     |            |     |     |     | 16  |    |               |
| 18            | 8.5                       | 7.0 |     |            |     |     | 9.2        |     |     |            |     |     | 9.0        |     |     | 8.8        |     |     |            |     |     |     | 18  |    |               |
| 20            | 7.6                       | 6.5 |     |            |     |     | 8.6        |     |     |            |     |     | 8.5        |     |     | 8.3        |     |     | 7.6        |     |     |     | 20  |    |               |
| 22            | 7.0                       | 6.0 |     |            |     |     | 8.2        |     |     |            |     |     | 8.0        |     |     | 8.0        |     |     | 7.3        |     |     | 6.8 | 22  |    |               |
| 24            | 6.3                       | 5.6 |     |            |     |     | 7.8        |     |     |            |     |     | 7.6        |     |     | 7.6        |     |     | 7.1        |     |     | 6.7 | 24  |    |               |
| 26            | 5.6                       | 5.1 | 4.5 | 7.3        | 5.8 |     | 7.2        |     |     |            |     |     | 7.2        |     |     | 6.7        |     |     | 6.5        |     |     | 6.5 | 26  |    |               |
| 28            | 5.2                       | 4.6 | 4.0 | 7.0        | 5.6 |     | 6.9        | 5.4 |     |            |     |     | 6.9        |     |     | 6.5        |     |     | 6.5        |     |     | 6.2 | 28  |    |               |
| 30            | 4.7                       | 4.3 | 3.8 | 6.7        | 5.5 |     | 6.6        | 5.3 |     |            |     |     | 6.5        | 5.2 |     | 6.2        |     |     | 6.0        |     |     | 6.0 | 30  |    |               |
| 32            | 4.4                       | 4.0 | 3.6 | 6.4        | 5.3 |     | 6.3        | 5.1 |     |            |     |     | 6.3        | 5.0 |     | 6.0        | 5.0 |     | 5.8        |     |     | 5.8 | 32  |    |               |
| 34            | 4.0                       | 3.6 | 3.4 | 6.1        | 5.1 | 4.0 | 6.0        | 5.0 |     |            |     |     | 6.0        | 4.8 |     | 5.7        | 4.8 |     | 5.5        | 4.5 |     | 5.5 | 34  |    |               |
| 36            | 3.7                       | 3.4 | 3.2 | 5.9        | 4.9 | 3.8 | 5.7        | 4.7 | 3.7 | 5.7        | 4.6 | 3.6 | 5.4        | 4.6 |     | 5.2        | 4.3 |     | 5.2        | 4.3 |     | 5.2 | 36  |    |               |
| 38            | 3.5                       | 3.2 | 3.0 | 5.6        | 4.7 | 3.7 | 5.4        | 4.5 | 3.6 | 5.4        | 4.4 | 3.5 | 5.2        | 4.4 | 3.5 | 4.9        | 4.1 |     | 4.9        | 4.1 |     | 4.9 | 38  |    |               |
| 40            | 3.2                       | 2.9 | 2.8 | 5.2        | 4.5 | 3.6 | 5.1        | 4.3 | 3.5 | 5.1        | 4.2 | 3.4 | 4.9        | 4.2 | 3.4 | 4.7        | 4.1 |     | 4.7        | 4.1 |     | 4.7 | 40  |    |               |
| 42            | 2.9                       | 2.6 |     | 5.0        | 4.3 | 3.5 | 4.8        | 4.1 | 3.4 | 4.8        | 4.0 | 3.3 | 4.8        | 4.1 | 3.3 | 4.5        | 3.9 | 3.2 | 4.5        | 3.9 | 3.2 |     | 4.5 | 42 |               |
| 44            | 2.6                       |     |     | 4.7        | 4.1 | 3.4 | 4.6        | 4.0 | 3.3 | 4.7        | 3.9 | 3.2 | 4.5        | 3.9 | 3.2 | 4.2        | 3.8 | 3.2 | 4.2        | 3.8 | 3.2 |     | 4.2 | 44 |               |
| 46            |                           |     |     | 4.4        | 3.9 | 3.3 | 4.3        | 3.8 | 3.3 | 4.4        | 3.7 | 3.2 | 4.3        | 3.8 | 3.2 | 3.9        | 3.6 | 3.2 | 3.9        | 3.6 | 3.2 |     | 3.9 | 46 |               |
| 48            |                           |     |     | 4.2        | 3.7 | 3.2 | 4.2        | 3.6 | 3.3 | 4.3        | 3.6 | 3.2 | 4.3        | 3.6 | 3.2 | 3.9        | 3.6 | 3.2 | 3.6        | 3.5 | 3.1 |     | 3.6 | 48 |               |
| 50            |                           |     |     | 4.0        | 3.5 | 3.2 | 3.9        | 3.5 | 3.2 | 4.0        | 3.4 | 3.1 | 3.7        | 3.5 | 3.1 | 3.7        | 3.5 | 3.1 | 3.3        | 3.3 | 3.0 |     | 3.3 | 50 |               |
| 52            |                           |     |     | 3.8        | 3.4 | 3.1 | 3.7        | 3.3 | 3.1 | 3.8        | 3.3 | 3.1 | 3.8        | 3.3 | 3.1 | 3.4        | 3.3 | 3.0 | 3.1        | 3.2 | 3.0 |     | 3.1 | 52 |               |
| 54            |                           |     |     | 3.6        | 3.3 | 3.0 | 3.6        | 3.2 | 3.1 | 3.7        | 3.2 | 3.1 | 3.7        | 3.2 | 3.0 | 3.1        | 3.2 | 3.0 | 2.9        | 3.1 | 2.9 |     | 3.0 | 54 |               |
| 56            |                           |     |     | 3.4        | 3.1 | 3.0 | 3.4        | 3.2 | 3.0 | 3.5        | 3.1 | 2.9 | 3.5        | 3.1 | 2.9 | 3.2        | 2.9 | 2.9 | 3.2        | 2.9 | 2.9 |     | 3.2 | 56 |               |
| 58            |                           |     |     | 3.2        | 3.0 |     | 3.2        | 3.1 | 3.0 | 3.2        | 3.0 | 2.9 | 3.2        | 3.0 | 2.9 | 2.6        | 3.0 | 2.9 | 2.4        | 2.7 | 2.8 |     | 2.9 | 58 |               |
| 60            |                           |     |     | 3.2        | 3.0 |     | 3.1        | 3.0 |     | 3.0        | 2.9 | 2.8 | 2.5        | 2.9 | 2.8 | 2.5        | 2.9 | 2.8 | 2.1        | 2.5 | 2.7 |     | 2.8 | 60 |               |
| 62            |                           |     |     | 3.0        | 2.9 |     | 3.0        | 2.9 |     | 2.7        | 2.8 | 2.8 | 2.2        | 2.7 | 2.8 | 2.0        | 2.3 | 2.5 | 1.7        | 2.0 | 2.1 |     | 2.7 | 62 |               |
| 64            |                           |     |     | 2.9        | 2.9 |     | 2.9        | 2.8 |     | 2.6        | 2.7 |     | 2.0        | 2.4 | 2.6 | 1.8        | 2.1 | 2.3 |            | 1.7 | 2.0 |     | 2.6 | 64 |               |
| 66            |                           |     |     | 2.8        |     |     | 2.8        | 2.7 |     | 2.3        | 2.7 |     | 1.8        | 2.3 |     | 1.5        | 1.9 | 2.1 |            | 1.7 | 1.8 |     | 2.6 | 66 |               |
| 68            |                           |     |     | 2.7        |     |     | 2.6        | 2.7 |     | 2.1        | 2.5 |     | 1.6        | 2.0 |     |            | 1.6 | 1.9 |            | 1.5 | 1.6 |     | 2.6 | 68 |               |
| 70            |                           |     |     |            |     |     | 2.5        |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     |     |    |               |

- Prerequisites:**  
 ① Boom operating conditions(boom length + adapter+ jib length), max.length is 65.6m+2.5m+36m  
 ② The span of outriggers is 8.95m×8.6m  
 ③ 360°rotation is applied  
 ④ Counterweight is 100T

| working range | Main boom + Adapter+ Jib |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     |  |    | working range |
|---------------|--------------------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|-----|--|----|---------------|
|               | 15.2+2.5m*               |     |     | 40.4+2.5m* |     |     | 45.4+2.5m* |     |     | 50.5+2.5m* |     |     | 55.5+2.5m* |     |     | 60.6+2.5m* |     |     | 65.6+2.5m* |     |     |     |  |    |               |
|               | 0°                       | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° |     |  |    |               |
| 10            | 10.0                     |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     |  | 10 |               |
| 11            | 9.6                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     |  | 11 |               |
| 12            | 9.2                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     |  | 12 |               |
| 13            | 9.0                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     |  | 13 |               |
| 14            | 8.4                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     |  | 14 |               |
| 16            | 8.0                      |     |     |            | 8.1 |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |     |  | 16 |               |
| 18            | 7.2                      |     |     |            | 7.6 |     |            | 7.5 |     |            |     |     |            |     |     |            |     |     |            |     |     |     |  | 18 |               |
| 20            | 6.6                      |     |     |            | 7.2 |     |            | 7.1 |     |            | 6.9 |     |            |     |     |            |     |     |            |     |     |     |  | 20 |               |
| 22            | 6.0                      | 5.3 |     |            | 6.8 |     |            | 6.8 |     |            | 6.5 |     |            | 6.2 |     |            |     |     |            |     |     |     |  | 22 |               |
| 24            | 5.4                      | 4.9 |     |            | 6.5 |     |            | 6.5 |     |            | 6.3 |     |            | 6.0 |     | 5.5        |     |     |            |     |     |     |  | 24 |               |
| 26            | 5.0                      | 4.5 |     |            | 6.2 |     |            | 6.2 |     |            | 6.0 |     |            | 5.8 |     | 5.3        |     |     | 3.9        |     |     |     |  | 26 |               |
| 28            | 4.5                      | 4.1 |     |            | 5.9 |     |            | 5.9 |     |            | 5.7 |     |            | 5.6 |     | 5.2        |     |     | 3.8        |     |     |     |  | 28 |               |
| 30            | 4.1                      | 3.8 |     |            | 5.7 | 4.6 |            | 5.6 |     |            | 5.5 |     |            | 5.3 |     | 5.0        |     |     | 3.7        |     |     |     |  | 30 |               |
| 32            | 3.6                      | 3.4 | 3.0 |            | 5.4 | 4.4 |            | 5.4 | 4.3 |            | 5.2 |     |            | 5.1 |     | 4.8        |     |     | 3.7        |     |     |     |  | 32 |               |
| 34            | 3.6                      | 3.0 | 2.7 |            | 5.2 | 4.1 |            | 5.1 | 4.0 |            | 5.0 | 3.8 |            | 4.9 |     | 4.8        |     |     | 3.6        |     |     |     |  | 34 |               |
| 36            | 3.1                      | 2.8 | 2.6 |            | 5.0 | 3.9 |            | 4.9 | 3.8 |            | 4.8 | 3.6 |            | 4.7 | 3.5 | 4.6        |     |     | 3.4        |     |     |     |  | 36 |               |
| 38            | 2.8                      | 2.6 | 2.5 |            | 4.7 | 3.7 | 2.8        | 4.6 | 3.6 |            | 4.5 | 3.4 |            | 4.4 | 3.3 | 4.4        | 3.2 |     | 3.2        |     |     |     |  | 38 |               |
| 40            | 2.6                      | 2.4 | 2.3 |            | 4.3 | 3.5 | 2.7        | 4.4 | 3.4 | 2.6        | 4.3 | 3.3 |            | 4.2 | 3.2 | 4.2        | 3.1 |     | 3.1        | 2.8 |     |     |  | 40 |               |
| 42            | 2.4                      | 2.2 | 2.1 |            | 4.1 | 3.3 | 2.6        | 4.1 | 3.3 | 2.5        | 4.0 | 3.2 | 2.4        | 4.0 | 3.1 | 3.9        | 3.0 |     | 2.9        | 2.7 |     |     |  | 42 |               |
| 44            | 2.2                      | 2.1 | 2.0 |            | 3.9 | 3.2 | 2.5        | 3.8 | 3.1 | 2.4        | 3.7 | 2.9 | 2.3        | 3.9 | 2.8 | 2.3        | 3.7 | 2.7 | 2.9        | 2.6 |     |     |  | 44 |               |
| 46            | 2.0                      | 1.9 | 1.9 |            | 3.6 | 3.0 | 2.5        | 3.7 | 3.0 | 2.4        | 3.6 | 2.8 | 2.3        | 3.6 | 2.7 | 2.2        | 3.5 | 2.7 | 2.2        | 2.8 | 2.6 |     |  | 46 |               |
| 48            | 1.9                      |     |     |            | 3.4 | 2.9 | 2.4        | 3.5 | 2.9 | 2.3        | 3.4 | 2.7 | 2.3        | 3.4 | 2.7 | 2.2        | 3.2 | 2.6 | 2.1        | 2.6 | 2.5 |     |  | 48 |               |
| 50            |                          |     |     |            | 3.2 | 2.9 | 2.3        | 3.2 | 2.8 | 2.2        | 3.2 | 2.7 | 2.2        | 3.3 | 2.6 | 2.1        | 3.0 | 2.5 | 2.0        | 2.5 | 2.4 |     |  | 50 |               |
| 52            |                          |     |     |            | 3.1 | 2.8 | 2.3        | 3.1 | 2.7 | 2.2        | 3.1 | 2.6 | 2.2        | 3.1 | 2.5 | 2.1        | 2.8 | 2.4 | 2.0        | 2.3 | 2.3 | 1.9 |  | 52 |               |
| 54            |                          |     |     |            | 2.9 | 2.6 | 2.2        | 3.0 | 2.6 | 2.1        | 3.0 | 2.5 | 2.2        | 2.9 | 2.4 | 2.0        | 2.6 | 2.3 | 2.0        | 2.1 | 2.2 | 1.9 |  | 54 |               |
| 56            |                          |     |     |            | 2.8 | 2.5 | 2.2        | 2.8 | 2.5 | 2.1        | 2.8 | 2.4 | 2.1        | 2.7 | 2.3 | 2.0        | 2.4 | 2.3 | 2.0        | 1.9 | 2.1 | 1.8 |  | 56 |               |
| 58            |                          |     |     |            | 2.6 | 2.4 | 2.2        | 2.7 | 2.4 | 2.1        | 2.7 | 2.3 | 2.1        | 2.6 | 2.3 | 2.0        | 2.2 | 2.2 | 2.0        | 1.8 | 2.1 | 1.8 |  | 58 |               |
| 60            |                          |     |     |            | 2.5 | 2.4 | 2.1        | 2.6 | 2.3 | 2.0        | 2.6 | 2.2 | 2.1        | 2.3 | 2.2 | 1.9        | 1.9 | 2.1 | 1.9        | 1.6 | 2.0 | 1.7 |  | 60 |               |
| 62            |                          |     |     |            | 2.4 | 2.3 | 2.1        | 2.4 | 2.3 | 2.0        | 2.5 | 2.1 | 2.0        | 2.2 | 2.1 | 1.9        | 1.7 | 2.0 | 1.9        |     | 1.9 | 1.7 |  | 62 |               |
| 64            |                          |     |     |            | 2.3 | 2.2 |            | 2.3 | 2.2 | 2.0        | 2.3 | 2.1 | 2.0        | 1.9 | 2.1 | 1.9        | 1.5 | 1.8 | 1.9        |     | 1.7 | 1.6 |  | 64 |               |
| 66            |                          |     |     |            | 2.3 | 2.1 |            | 2.3 | 2.1 |            | 2.1 | 2.1 | 2.0        | 1.7 | 2.0 | 1.9        |     | 1.6 | 1.8        |     | 1.6 | 1.6 |  | 66 |               |
| 68            |                          |     |     |            | 2.2 | 2.1 |            | 2.2 | 2.1 |            | 2.0 | 2.0 | 2.0        | 1.5 | 1.8 | 1.9        |     | 1.5 | 1.7        |     |     | 1.5 |  | 68 |               |
| 70            |                          |     |     |            | 2.1 | 2.0 |            | 2.1 | 2.0 |            | 1.8 | 1.9 |            |     | 1.6 | 1.8        |     |     | 1.5        |     |     |     |  | 70 |               |
| 72            |                          |     |     |            | 2.0 |     |            | 2.0 | 2.0 |            | 1.7 | 1.9 |            |     | 1.5 |            |     |     |            |     |     |     |  | 72 |               |
| 74            |                          |     |     |            | 1.9 |     |            | 1.9 | 1.9 |            | 1.5 | 1.7 |            |     |     |            |     |     |            |     |     |     |  | 74 |               |
| 76            |                          |     |     |            |     |     |            | 1.9 |     |            |     |     |            |     |     |            |     |     |            |     |     |     |  | 76 |               |
| 78            |                          |     |     |            |     |     |            | 1.8 |     |            |     |     |            |     |     |            |     |     |            |     |     |     |  | 78 |               |

\*adapter

- Prerequisites:**  
 ① Boom operating conditions(boom length + adapter+ jib length), max.length is 65.6m+2.5m+42m  
 ② The span of outriggers is 8.95m×8.6m  
 ③ 360°rotation is applied  
 ④ Counterweight is 100T

| working range | Main boom + Adapter+ Jib |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  |    | working range |
|---------------|--------------------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|--|--|----|---------------|
|               | 15.2+2.5m*               |     |     | 40.4+2.5m* |     |     | 45.4+2.5m* |     |     | 50.5+2.5m* |     |     | 55.5+2.5m* |     |     | 60.6+2.5m* |     |     | 65.6+2.5m* |     |     |  |  |    |               |
|               | 0°                       | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° | 0°         | 20° | 40° |  |  |    |               |
| 11            | 8.0                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 11 |               |
| 12            | 7.6                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 12 |               |
| 13            | 7.2                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 13 |               |
| 14            | 7.0                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 14 |               |
| 16            | 6.6                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 16 |               |
| 18            | 6.1                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 18 |               |
| 20            | 5.6                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 20 |               |
| 22            | 5.3                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 22 |               |
| 24            | 4.8                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 24 |               |
| 26            | 4.4                      | 3.6 |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 26 |               |
| 28            | 4.0                      | 3.3 |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 28 |               |
| 30            | 3.7                      | 3.1 |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 30 |               |
| 32            | 3.4                      | 2.8 |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 32 |               |
| 34            | 3.1                      | 2.7 |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 34 |               |
| 36            | 2.9                      | 2.5 | 1.9 |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 36 |               |
| 38            | 2.6                      | 2.3 | 1.8 |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 38 |               |
| 40            | 2.5                      | 2.2 | 1.7 |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 40 |               |
| 42            | 2.3                      | 2.0 | 1.6 |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 42 |               |
| 44            | 2.1                      | 1.9 | 1.5 |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 44 |               |
| 46            | 2.0                      | 1.7 | 1.4 |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 46 |               |
| 48            | 1.9                      | 1.6 | 1.3 |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 48 |               |
| 50            | 1.8                      | 1.4 | 1.3 |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 50 |               |
| 52            | 1.6                      | 1.3 | 1.2 |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 52 |               |
| 54            | 1.5                      | 1.2 |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 54 |               |
| 56            | 1.3                      |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |            |     |     |  |  | 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 |               |

\*adapter



- Prerequisites:**
- ① Boom operating conditions(boom length + adapter+ jib length), max.length is 65.6m+6m+12m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 45°

| working range | Main boom+ Adapter+ Jib+ Superlift |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | working range |
|---------------|------------------------------------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|---------------|
|               | 40.4+6m*                           |     |     | 45.4+6m* |     |     | 50.5+6m* |     |     | 55.5+6m* |     |     | 60.6+6m* |     |     | 65.6+6m* |     |     |               |
|               | 0°                                 | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° |               |
| 4             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 4             |
| 4.0           |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 4.0           |
| 5             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 5             |
| 5             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 5             |
| 6             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 6             |
| 7             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 7             |
| 8             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 8             |
| 9             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 9             |
| 10            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 10            |
| 11            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 11            |
| 12            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 12            |
| 13            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 13            |
| 14            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 14            |
| 16            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 16            |
| 18            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 18            |
| 20            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 20            |
| 22            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 22            |
| 24            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 24            |
| 26            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 26            |
| 28            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 28            |
| 30            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 30            |
| 32            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 32            |
| 34            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 34            |
| 36            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 36            |
| 38            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 38            |
| 40            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 40            |
| 42            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 42            |
| 44            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 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            |

\*adapter 2.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter+ jib length), max.length is 65.6m+6m+18m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 45°

| working range | Main boom+ Adapter+ Jib+ Superlift |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | working range |
|---------------|------------------------------------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|---------------|
|               | 40.4+6m*                           |     |     | 45.4+6m* |     |     | 50.5+6m* |     |     | 55.5+6m* |     |     | 60.6+6m* |     |     | 65.6+6m* |     |     |               |
|               | 0°                                 | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° |               |
| 4             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 4             |
| 4.0           |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 4.0           |
| 5             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 5             |
| 5             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 5             |
| 6             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 6             |
| 7             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 7             |
| 8             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 8             |
| 9             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 9             |
| 10            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 10            |
| 11            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 11            |
| 12            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 12            |
| 13            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 13            |
| 14            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 14            |
| 16            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 16            |
| 18            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 18            |
| 20            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 20            |
| 22            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 22            |
| 24            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 24            |
| 26            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 26            |
| 28            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 28            |
| 30            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 30            |
| 32            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 32            |
| 34            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 34            |
| 36            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 36            |
| 38            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 38            |
| 40            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 40            |
| 42            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 42            |
| 44            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 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            |

\*adapter 2.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter + jib length), max.length is 65.6m+6m+24m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 45°

| working range | Main boom+ Adapter+ Jib+ Superlift |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | working range |    |
|---------------|------------------------------------|-----|-----|----------|------|-----|----------|------|-----|----------|------|-----|----------|------|-----|----------|------|-----|---------------|----|
|               | 40.4+6m*                           |     |     | 45.4+6m* |      |     | 50.5+6m* |      |     | 55.5+6m* |      |     | 60.6+6m* |      |     | 65.6+6m* |      |     |               |    |
|               | 0°                                 | 20° | 40° | 0°       | 20°  | 40° | 0°       | 20°  | 40° | 0°       | 20°  | 40° | 0°       | 20°  | 40° | 0°       | 20°  | 40° |               |    |
| 4             |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 4             |    |
| 4.0           |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 4.0           |    |
| 5             |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 5             |    |
| 5             |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 5             |    |
| 6             |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 6             |    |
| 7             |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 7             |    |
| 8             |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 8             |    |
| 9             |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 9             |    |
| 10            |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 10            |    |
| 11            |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 11            |    |
| 12            |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 12            |    |
| 13            |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     | 13            |    |
| 14            | 18.2                               |     |     |          | 18.4 |     |          |      |     |          |      |     |          |      |     |          |      |     | 14            |    |
| 16            | 17.0                               |     |     |          | 17.3 |     |          | 17.3 |     |          |      |     |          |      |     |          |      |     | 16            |    |
| 18            | 15.9                               |     |     |          | 16.2 |     |          | 16.2 |     |          | 16.2 |     |          |      |     |          |      |     | 18            |    |
| 20            | 14.9                               |     |     |          | 15.3 |     |          | 15.4 |     |          | 15.5 |     | 15.2     |      |     | 14.6     |      |     | 20            |    |
| 22            | 14.1                               | 9.3 |     |          | 14.3 |     |          | 14.5 |     |          | 14.6 |     | 14.4     |      |     | 14.0     |      |     | 22            |    |
| 24            | 13.2                               | 8.9 |     |          | 13.6 | 9.0 |          | 13.8 | 9.1 |          | 14.0 |     | 13.8     |      |     | 13.4     |      |     | 24            |    |
| 26            | 12.4                               | 8.6 |     |          | 12.8 | 8.6 |          | 13.1 | 8.8 |          | 13.3 | 8.9 | 13.2     |      |     | 12.8     |      |     | 26            |    |
| 28            | 11.8                               | 8.2 | 5.9 |          | 12.2 | 8.4 |          | 12.4 | 8.5 |          | 12.7 | 8.6 | 12.6     | 8.6  |     | 12.4     | 8.5  |     | 28            |    |
| 30            | 11.0                               | 7.8 | 5.7 |          | 11.6 | 8.0 | 5.8      | 11.9 | 8.2 | 5.8      | 12.2 | 8.3 | 12.2     | 8.3  |     | 11.9     | 8.2  |     | 30            |    |
| 32            | 10.5                               | 7.4 | 5.5 |          | 11.0 | 7.7 | 5.6      | 11.3 | 7.8 | 5.6      | 11.6 | 8.0 | 5.7      | 11.6 | 8.0 | 5.7      | 11.4 | 7.9 |               | 32 |
| 34            | 9.9                                | 7.1 | 5.4 |          | 10.5 | 7.4 | 5.4      | 10.8 | 7.5 | 5.5      | 11.1 | 7.7 | 5.5      | 11.2 | 7.7 | 5.5      | 11.0 | 7.7 | 5.5           | 34 |
| 36            | 9.3                                | 6.8 | 5.2 |          | 10.0 | 7.1 | 5.3      | 10.4 | 7.2 | 5.4      | 10.6 | 7.4 | 5.4      | 10.7 | 7.5 | 5.4      | 10.6 | 7.4 | 5.4           | 36 |
| 38            | 8.9                                | 6.6 | 5.1 |          | 9.5  | 6.8 | 5.2      | 9.9  | 7.0 | 5.2      | 10.3 | 7.1 | 5.3      | 10.4 | 7.2 | 5.3      | 10.3 | 7.2 | 5.3           | 38 |
| 40            | 8.5                                | 6.4 | 4.9 |          | 9.0  | 6.6 | 5.0      | 9.5  | 6.7 | 5.1      | 9.8  | 6.9 | 5.2      | 10.0 | 7.0 | 5.2      | 9.7  | 7.0 | 5.2           | 40 |
| 42            | 8.0                                | 6.1 | 4.8 |          | 8.6  | 6.4 | 4.9      | 9.0  | 6.6 | 5.0      | 9.4  | 6.7 | 5.0      | 9.5  | 6.7 | 5.1      | 8.9  | 6.7 | 5.1           | 42 |
| 44            | 7.6                                | 5.9 | 4.8 |          | 8.2  | 6.2 | 4.8      | 8.6  | 6.3 | 4.9      | 8.6  | 6.5 | 4.9      | 8.7  | 6.6 | 5.0      | 8.1  | 6.6 | 5.0           | 44 |
| 46            | 7.2                                | 5.7 | 4.7 |          | 7.8  | 5.9 | 4.8      | 8.3  | 6.1 | 4.8      | 7.8  | 6.3 | 4.9      | 7.9  | 6.4 | 4.9      | 7.4  | 6.5 | 4.9           | 46 |
| 48            | 6.8                                | 5.5 | 4.7 |          | 7.4  | 5.7 | 4.7      | 7.7  | 5.9 | 4.8      | 7.1  | 6.1 | 4.8      | 7.2  | 6.2 | 4.8      | 6.7  | 6.3 | 4.8           | 48 |
| 50            | 6.6                                | 5.4 | 4.4 |          | 7.1  | 5.6 | 4.7      | 7.0  | 5.8 | 4.7      | 6.4  | 5.9 | 4.8      | 6.5  | 6.0 | 4.8      | 6.1  | 6.1 | 4.8           | 50 |
| 52            | 6.3                                | 5.2 |     |          | 6.7  | 5.4 | 4.6      | 6.3  | 5.6 | 4.7      | 5.8  | 5.8 | 4.7      | 5.9  | 5.9 | 4.8      | 5.6  | 5.9 | 4.8           | 52 |
| 54            | 6.0                                | 5.0 |     |          | 6.3  | 5.3 | 4.4      | 5.7  | 5.4 | 4.6      | 5.3  | 5.6 | 4.7      | 5.4  | 5.7 | 4.7      | 5.1  | 5.4 | 4.7           | 54 |
| 56            | 5.7                                | 4.9 |     |          | 5.7  | 5.1 |          | 5.2  | 5.3 | 4.4      | 4.8  | 5.5 | 4.6      | 4.9  | 5.6 | 4.6      | 4.6  | 4.9 | 4.6           | 56 |
| 58            | 5.4                                | 4.8 |     |          | 5.1  | 5.0 |          | 4.6  | 5.0 |          | 4.3  | 5.1 | 4.6      | 4.4  | 5.2 | 4.6      | 4.2  | 4.5 | 4.6           | 58 |
| 60            | 5.2                                | 4.6 |     |          | 4.6  | 4.9 |          | 4.2  | 4.5 |          | 3.9  | 4.6 | 4.2      | 4.0  | 4.7 | 4.5      | 3.8  | 4.1 | 4.5           | 60 |
| 62            | 4.6                                | 4.5 |     |          | 4.0  | 4.7 |          | 3.7  | 4.0 |          | 3.4  | 4.1 |          | 3.5  | 4.2 | 4.5      | 3.4  | 3.7 | 4.5           | 62 |
| 64            | 4.2                                |     |     |          | 3.4  | 3.8 |          | 3.3  | 3.5 |          | 3.1  | 3.6 |          | 2.9  | 3.8 | 4.2      | 3.0  | 3.3 | 4.4           | 64 |
| 66            | 2.5                                |     |     |          | 2.8  |     |          | 2.6  | 3.1 |          | 2.5  | 3.2 |          | 2.6  | 3.4 |          | 2.5  | 3.0 | 4.0           | 66 |
| 68            |                                    |     |     |          | 2.0  |     |          | 1.8  | 2.7 |          | 1.8  | 2.7 |          | 1.8  | 2.8 |          | 1.9  | 2.7 | 3.1           | 68 |
| 70            |                                    |     |     |          |      |     |          |      | 1.7 |          |      | 2.0 |          |      | 2.4 |          |      | 2.4 |               | 70 |
| 72            |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      | 1.6 |          |      | 1.8 |               | 72 |
| 74            |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     |               | 74 |
| 76            |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     |               | 76 |
| 78            |                                    |     |     |          |      |     |          |      |     |          |      |     |          |      |     |          |      |     |               | 78 |

\*adapter 2.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter+ jib length), max.length is 65.6m+6m+30m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 45°

| working range | Main boom+ Adapter+ Jib+ Superlift |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      | working range |     |
|---------------|------------------------------------|-----|-----|----------|-----|-----|----------|------|-----|----------|-----|-----|----------|-----|------|----------|-----|------|---------------|-----|
|               | 40.4+6m*                           |     |     | 45.4+6m* |     |     | 50.5+6m* |      |     | 55.5+6m* |     |     | 60.6+6m* |     |      | 65.6+6m* |     |      |               |     |
|               | 0°                                 | 20° | 40° | 0°       | 20° | 40° | 0°       | 20°  | 40° | 0°       | 20° | 40° | 0°       | 20° | 40°  | 0°       | 20° | 40°  |               |     |
| 4             |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 4   |
| 4.0           |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 4.0 |
| 5             |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 5   |
| 5             |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 5   |
| 6             |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 6   |
| 7             |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 7   |
| 8             |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 8   |
| 9             |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 9   |
| 10            |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 10  |
| 11            |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 11  |
| 12            |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 12  |
| 13            |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 13  |
| 14            | 14.2                               |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 14  |
| 16            | 13.3                               |     |     |          |     |     |          | 13.3 |     |          |     |     |          |     |      |          |     |      |               | 16  |
| 18            | 12.4                               |     |     |          |     |     |          | 12.4 |     |          |     |     |          |     | 12.4 |          |     | 12.4 |               | 18  |
| 20            | 11.7                               |     |     |          |     |     |          | 11.8 |     |          |     |     |          |     | 11.8 |          |     | 11.8 |               | 20  |
| 22            | 10.9                               |     |     |          |     |     |          | 11.1 |     |          |     |     |          |     | 11.1 |          |     | 11.2 |               | 22  |
| 24            | 10.4                               |     |     |          |     |     |          | 10.5 |     |          |     |     |          |     | 10.5 |          |     | 10.6 |               | 24  |
| 26            | 9.8                                | 6.7 |     |          |     |     |          | 10.0 | 6.7 |          |     |     |          |     | 10.1 |          |     | 10.2 |               | 26  |
| 28            | 9.2                                | 6.3 |     |          |     |     |          | 9.5  | 6.4 |          |     |     |          |     | 9.6  | 6.5      |     | 9.7  | 6.6           | 28  |
| 30            | 8.7                                | 6.0 |     |          |     |     |          | 9.0  | 6.1 |          |     |     |          |     | 9.2  | 6.2      |     | 9.3  | 6.3           | 30  |
| 32            | 8.3                                | 5.7 | 4.0 |          |     |     |          | 8.6  | 5.8 |          |     |     |          |     | 8.7  | 5.9      |     | 8.9  | 6.0           | 32  |
| 34            | 7.9                                | 5.4 | 3.9 |          |     |     |          | 8.2  | 5.5 | 3.9      |     |     |          |     | 8.4  | 5.6      |     | 8.6  | 5.7           | 34  |
| 36            | 7.4                                | 5.1 | 3.7 |          |     |     |          | 7.8  | 5.3 | 3.8      |     |     |          |     | 8.0  | 5.4      | 3.8 | 8.2  | 5.5           | 36  |
| 38            | 7.0                                | 4.9 | 3.6 |          |     |     |          | 7.4  | 5.0 | 3.6      |     |     |          |     | 7.6  | 5.2      | 3.7 | 7.8  | 5.3           | 38  |
| 40            | 6.7                                | 4.8 | 3.5 |          |     |     |          | 7.0  | 4.8 | 3.5      |     |     |          |     | 7.3  | 4.9      | 3.6 | 7.5  | 5.1           | 40  |
| 42            | 6.3                                | 4.6 | 3.4 |          |     |     |          | 6.7  | 4.7 | 3.4      |     |     |          |     | 6.9  | 4.8      | 3.5 | 7.1  | 4.9           | 42  |
| 44            | 5.9                                | 4.4 | 3.3 |          |     |     |          | 6.3  | 4.5 | 3.3      |     |     |          |     | 6.7  | 4.7      | 3.4 | 6.8  | 4.8           | 44  |
| 46            | 5.6                                | 4.2 | 3.2 |          |     |     |          | 6.0  | 4.4 | 3.2      |     |     |          |     | 6.3  | 4.5      | 3.3 | 6.6  | 4.6           | 46  |
| 48            | 5.3                                | 4.1 | 3.1 |          |     |     |          | 5.7  | 4.2 | 3.2      |     |     |          |     | 6.0  | 4.3      | 3.2 | 6.3  | 4.4           | 48  |
| 50            | 5.0                                | 3.9 | 3.1 |          |     |     |          | 5.4  | 4.0 | 3.1      |     |     |          |     | 5.7  | 4.2      | 3.1 | 5.9  | 4.3           | 50  |
| 52            | 4.8                                | 3.8 | 3.0 |          |     |     |          | 5.1  | 3.9 | 3.0      |     |     |          |     | 5.4  | 4.0      | 3.1 | 5.4  | 4.2           | 52  |
| 54            | 4.5                                | 3.6 | 3.0 |          |     |     |          | 4.9  | 3.8 | 3.0      |     |     |          |     | 5.0  | 3.9      | 3.0 | 4.9  | 4.0           | 54  |
| 56            | 4.3                                | 3.5 | 2.6 |          |     |     |          | 4.7  | 3.6 | 3.0      |     |     |          |     | 4.5  | 3.8      | 3.0 | 4.5  | 3.9           | 56  |
| 58            | 4.1                                | 3.4 |     |          |     |     |          | 4.3  | 3.5 | 2.9      |     |     |          |     | 4.1  | 3.7      | 3.0 | 4.1  | 3.8           | 58  |
| 60            | 3.9                                | 3.3 |     |          |     |     |          | 3.9  | 3.4 | 2.6      |     |     |          |     | 3.8  | 3.5      | 2.9 | 3.7  | 3.7           | 60  |
| 62            | 3.7                                | 3.2 |     |          |     |     |          | 3.5  | 3.3 |          |     |     |          |     | 3.4  | 3.4      | 2.6 | 3.4  | 3.6           | 62  |
| 64            | 3.5                                | 3.1 |     |          |     |     |          | 3.2  | 3.2 |          |     |     |          |     | 3.1  | 3.4      |     | 3.1  | 3.5           | 64  |
| 66            | 3.3                                | 3.1 |     |          |     |     |          | 2.9  | 3.2 |          |     |     |          |     | 2.8  | 3.3      |     | 2.8  | 3.4           | 66  |
| 68            | 3.2                                |     |     |          |     |     |          | 2.6  | 3.1 |          |     |     |          |     | 2.5  | 3.2      |     | 2.2  | 3.3           | 68  |
| 70            | 2.6                                |     |     |          |     |     |          | 2.3  | 3.1 |          |     |     |          |     | 1.9  | 2.8      |     | 1.6  | 2.9           | 70  |
| 72            |                                    |     |     |          |     |     |          |      | 1.6 |          |     |     |          |     |      | 2.3      |     |      | 2.4           | 72  |
| 74            |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 74  |
| 76            |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 76  |
| 78            |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               | 78  |
| 80            |                                    |     |     |          |     |     |          |      |     |          |     |     |          |     |      |          |     |      |               |     |



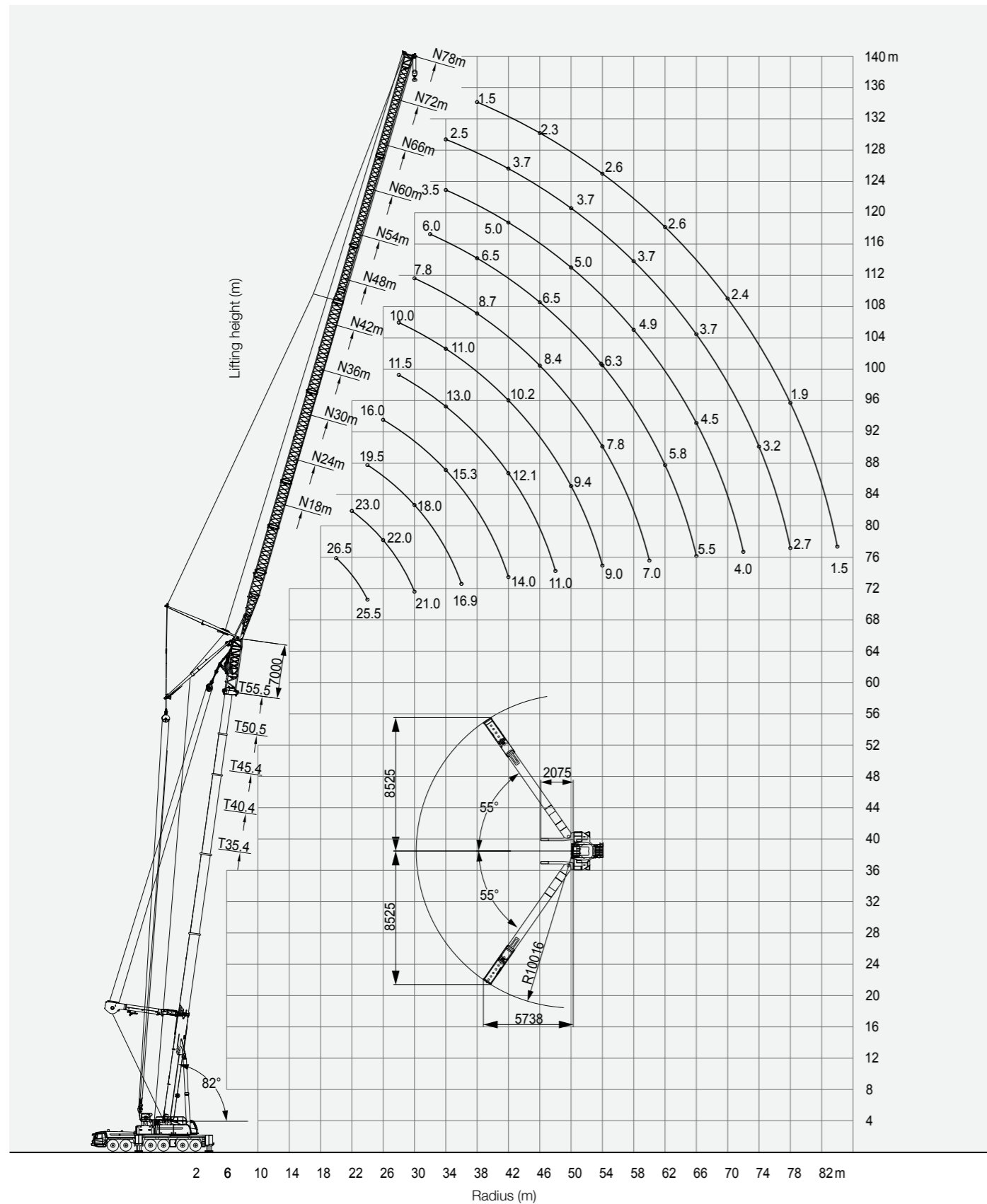
- Prerequisites:**
- ① Boom operating conditions(boom length + adapter+ jib length), max.length is 65.6m+6m+36m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 45°

| working range | Main boom+ Adapter+ Jib+ Superlift |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | working range |
|---------------|------------------------------------|-----|-----|----------|------|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|---------------|
|               | 40.4+6m*                           |     |     | 45.4+6m* |      |     | 50.5+6m* |     |     | 55.5+6m* |     |     | 60.6+6m* |     |     | 65.6+6m* |     |     |               |
|               | 0°                                 | 20° | 40° | 0°       | 20°  | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° |               |
| 4             |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 4             |
| 4.0           |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 4.0           |
| 5             |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 5             |
| 5             |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 5             |
| 6             |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 6             |
| 7             |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 7             |
| 8             |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 8             |
| 9             |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 9             |
| 10            |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 10            |
| 11            |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 11            |
| 12            |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 12            |
| 13            |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 13            |
| 14            |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 14            |
| 16            | 10.6                               |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 16            |
| 18            | 10.0                               |     |     |          | 10.5 |     |          |     |     |          |     |     |          |     |     |          |     |     | 18            |
| 20            | 9.4                                |     |     |          | 9.8  |     |          | 9.4 |     |          | 9.8 |     |          |     |     |          |     |     | 20            |
| 22            | 8.8                                |     |     |          | 9.2  |     |          | 8.8 |     |          | 9.3 |     | 9.1      |     |     |          |     |     | 22            |
| 24            | 8.3                                |     |     |          | 8.7  |     |          | 8.5 |     |          | 8.8 |     | 8.7      |     |     | 8.5      |     |     | 24            |
| 26            | 7.9                                |     |     |          | 8.3  |     |          | 8.0 |     |          | 8.5 |     | 8.3      |     |     | 8.1      |     |     | 26            |
| 28            | 7.4                                | 4.9 |     |          | 7.9  |     |          | 7.6 |     |          | 8.0 |     | 8.0      |     |     | 7.7      |     |     | 28            |
| 30            | 7.0                                | 4.7 |     |          | 7.5  | 5.1 |          | 7.2 |     |          | 7.7 |     | 7.6      |     |     | 7.4      |     |     | 30            |
| 32            | 6.7                                | 4.4 |     |          | 7.1  | 4.8 |          | 6.9 | 4.9 |          | 7.3 | 5.0 | 7.3      |     |     | 7.1      |     |     | 32            |
| 34            | 6.3                                | 4.2 |     |          | 6.7  | 4.7 |          | 6.6 | 4.8 |          | 7.0 | 4.8 | 7.0      | 4.8 |     | 6.8      |     |     | 34            |
| 36            | 5.9                                | 4.0 |     |          | 6.5  | 4.5 |          | 6.3 | 4.6 |          | 6.7 | 4.6 | 6.7      | 4.6 |     | 6.6      | 4.6 |     | 36            |
| 38            | 5.6                                | 3.8 | 2.7 |          | 6.2  | 4.3 |          | 6.0 | 4.4 |          | 6.5 | 4.4 | 6.5      | 4.5 |     | 6.4      | 4.4 |     | 38            |
| 40            | 5.3                                | 3.6 | 2.6 |          | 5.9  | 4.1 | 2.9      |     | 5.7 | 4.2      | 2.9 | 6.2 | 4.3      |     | 6.2 | 4.2      |     |     | 40            |
| 42            | 4.9                                | 3.4 | 2.5 |          | 5.6  | 3.9 | 2.8      |     | 5.4 | 4.0      | 2.8 | 5.9 | 4.1      | 2.8 |     | 6.0      | 4.1 | 2.8 | 42            |
| 44            | 4.7                                | 3.2 | 2.4 |          | 5.3  | 3.7 | 2.7      |     | 5.1 | 3.8      | 2.7 | 5.7 | 3.9      | 2.8 |     | 5.8      | 3.9 | 2.7 | 44            |
| 46            | 4.4                                | 3.1 | 2.4 |          | 5.0  | 3.5 | 2.6      |     | 4.9 | 3.6      | 2.7 | 5.4 | 3.7      | 2.7 |     | 5.5      | 3.8 | 2.7 | 46            |
| 48            | 4.2                                | 3.0 | 2.3 |          | 4.8  | 3.4 | 2.6      |     | 4.7 | 3.5      | 2.6 | 5.2 | 3.6      | 2.6 |     | 5.3      | 3.6 | 2.6 | 48            |
| 50            | 3.9                                | 2.9 | 2.2 |          | 4.6  | 3.2 | 2.5      |     | 4.5 | 3.3      | 2.5 | 5.0 | 3.4      | 2.6 |     | 5.1      | 3.5 | 2.6 | 50            |
| 52            | 3.7                                | 2.8 | 2.2 |          | 4.3  | 3.1 | 2.4      |     | 4.2 | 3.2      | 2.5 | 4.8 | 3.3      | 2.5 |     | 4.9      | 3.4 | 2.5 | 52            |
| 54            | 3.5                                | 2.7 | 2.1 |          | 4.1  | 3.0 | 2.4      |     | 4.0 | 3.1      | 2.4 | 4.6 | 3.2      | 2.4 |     | 4.8      | 3.3 | 2.5 | 54            |
| 56            | 3.3                                | 2.6 | 2.1 |          | 3.9  | 2.9 | 2.3      |     | 3.8 | 3.0      | 2.4 | 4.4 | 3.1      | 2.4 |     | 4.5      | 3.1 | 2.4 | 56            |
| 58            | 3.1                                | 2.5 | 2.0 |          | 3.7  | 2.9 | 2.3      |     | 3.6 | 2.9      | 2.3 | 4.1 | 3.0      | 2.4 |     | 4.2      | 3.0 | 2.4 | 58            |
| 60            | 2.9                                | 2.5 | 2.0 |          | 3.5  | 2.8 | 2.2      |     | 3.4 | 2.9      | 2.3 | 3.8 | 2.9      | 2.3 |     | 3.8      | 2.9 | 2.3 | 60            |
| 62            | 2.9                                | 2.4 | 1.8 |          | 3.3  | 2.7 | 2.2      |     | 3.3 | 2.8      | 2.2 | 3.5 | 2.9      | 2.3 |     | 3.5      | 2.9 | 2.3 | 62            |
| 64            | 2.7                                | 2.3 |     |          | 3.1  | 2.6 | 2.0      |     | 3.1 | 2.7      | 2.2 | 3.2 | 2.8      | 2.2 |     | 3.2      | 2.9 | 2.3 | 64            |
| 66            | 2.6                                | 2.2 |     |          | 3.0  | 2.5 |          |     | 2.9 | 2.6      | 2.2 | 2.9 | 2.7      | 2.2 |     | 2.9      | 2.8 | 2.2 | 66            |
| 68            | 2.5                                | 2.2 |     |          | 2.8  | 2.5 |          |     | 2.7 | 2.6      | 1.9 | 2.6 | 2.6      | 2.2 |     | 2.6      | 2.7 | 2.2 | 68            |
| 70            | 2.4                                | 2.2 |     |          | 2.6  | 2.4 |          |     | 2.4 | 2.5      |     | 1.9 | 2.6      | 2.1 |     | 1.9      | 2.6 | 2.2 | 70            |
| 72            | 2.3                                | 1.9 |     |          | 2.3  | 2.3 |          |     | 1.8 | 2.4      |     |     | 2.5      | 1.9 |     | 2.6      | 2.1 |     | 72            |
| 74            | 2.2                                |     |     |          | 1.8  | 2.3 |          |     |     | 2.4      |     |     | 2.4      |     |     | 2.5      | 2.1 |     | 74            |
| 76            | 1.8                                |     |     |          | 2.0  |     |          |     |     | 2.0      |     |     | 2.0      |     |     | 1.8      | 1.9 |     | 76            |
| 78            |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     | 2.1 | 78            |
| 80            |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     | 1.6 | 80            |
| 82            |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 82            |
| 84            |                                    |     |     |          |      |     |          |     |     |          |     |     |          |     |     |          |     |     | 84            |

\*adapter 2.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter+ jib length), max.length is 60.5m+6m+42m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 45°

| working range | Main boom+ Adapter+ Jib+ Superlift |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | working range |
|---------------|------------------------------------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|---------------|
|               | 40.4+6m*                           |     |     | 45.4+6m* |     |     | 50.5+6m* |     |     | 55.5+6m* |     |     | 60.6+6m* |     |     | 65.6+6m* |     |     |               |
|               | 0°                                 | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° | 0°       | 20° | 40° |               |
| 4             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 4             |
| 4.0           |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 4.0           |
| 5             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 5             |
| 5             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 5             |
| 6             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 6             |
| 7             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 7             |
| 8             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 8             |
| 9             |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 9             |
| 10            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 10            |
| 11            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 11            |
| 12            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 12            |
| 13            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 13            |
| 14            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 14            |
| 16            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 16            |
| 18            | 8.4                                |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 18            |
| 20            | 7.9                                |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 7.9      |     |     | 20            |
| 22            | 7.4                                |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 7.5      |     | 7.5 | 22            |
| 24            | 7.0                                |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 7.1      |     | 7.1 | 24            |
| 26            | 6.6                                |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 6.7      |     | 6.6 | 26            |
| 28            | 6.3                                |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 6.4      |     | 6.5 | 28            |
| 30            | 5.9                                |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 6.0      |     | 6.1 | 30            |
| 32            | 5.6                                | 3.8 |     |          |     |     |          |     |     |          |     |     |          |     |     | 5.8      |     | 5.8 | 32            |
| 34            | 5.3                                | 3.6 |     |          |     |     |          |     |     |          |     |     |          |     |     | 5.5      | 3.7 | 5.6 | 34            |
| 36            | 5.0                                | 3.4 |     |          |     |     |          |     |     |          |     |     |          |     |     | 5.2      | 3.5 | 5.3 | 36            |
| 38            | 4.8                                | 3.2 |     |          |     |     |          |     |     |          |     |     |          |     |     | 5.0      | 3.3 | 5.1 | 38            |
| 40            | 4.5                                | 3.0 |     |          |     |     |          |     |     |          |     |     |          |     |     | 4.8      | 3.2 | 4.8 | 40            |
| 42            | 4.3                                | 2.9 | 2.1 |          |     |     |          |     |     |          |     |     |          |     |     | 4.6      | 3.0 | 4.7 | 42            |
| 44            | 4.0                                | 2.8 | 2.0 |          |     |     |          |     |     |          |     |     |          |     |     | 4.4      | 2.9 | 4.5 | 44            |
| 46            | 3.8                                | 2.7 | 1.9 |          |     |     |          |     |     |          |     |     |          |     |     | 4.2      | 2.9 | 4.3 | 46            |
| 48            | 3.6                                | 2.6 | 1.8 |          |     |     |          |     |     |          |     |     |          |     |     | 4.0      | 2.7 | 4.1 | 48            |
| 50            | 3.4                                | 2.5 | 1.8 |          |     |     |          |     |     |          |     |     |          |     |     | 3.8      | 2.6 | 3.9 | 50            |
| 52            | 3.1                                | 2.4 | 1.7 |          |     |     |          |     |     |          |     |     |          |     |     | 3.6      | 2.5 | 3.8 | 52            |
| 54            | 3.0                                | 2.3 | 1.7 |          |     |     |          |     |     |          |     |     |          |     |     | 3.4      | 2.4 | 3.6 | 54            |
| 56            | 2.9                                | 2.2 | 1.6 |          |     |     |          |     |     |          |     |     |          |     |     | 3.2      | 2.3 | 3.4 | 56            |
| 58            | 2.7                                | 2.1 | 1.6 |          |     |     |          |     |     |          |     |     |          |     |     | 3.1      | 2.2 | 3.2 | 58            |
| 60            | 2.6                                | 2.0 | 1.5 |          |     |     |          |     |     |          |     |     |          |     |     | 3.0      | 2.1 | 3.1 | 60            |
| 62            | 2.5                                | 1.9 | 1.5 |          |     |     |          |     |     |          |     |     |          |     |     | 2.9      | 2.1 | 3.0 | 62            |
| 64            | 2.3                                | 1.8 | 1.4 |          |     |     |          |     |     |          |     |     |          |     |     | 2.7      | 2.0 | 2.9 | 64            |
| 66            | 2.2                                | 1.8 | 1.4 |          |     |     |          |     |     |          |     |     |          |     |     | 2.6      | 1.9 | 2.8 | 66            |
| 68            | 2.1                                | 1.7 | 1.1 |          |     |     |          |     |     |          |     |     |          |     |     | 2.5      | 1.9 | 2.7 | 68            |
| 70            | 2.0                                | 1.6 |     |          |     |     |          |     |     |          |     |     |          |     |     | 2.4      | 1.8 | 2.6 | 70            |
| 72            | 1.9                                | 1.6 |     |          |     |     |          |     |     |          |     |     |          |     |     | 2.3      | 1.7 | 2.5 | 72            |
| 74            | 1.8                                | 1.5 |     |          |     |     |          |     |     |          |     |     |          |     |     | 2.2      | 1.7 | 2.4 | 74            |
| 76            | 1.7                                | 1.3 |     |          |     |     |          |     |     |          |     |     |          |     |     | 2.1      | 1.6 | 2.3 | 76            |
| 78            | 1.6                                |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 2.0      | 1.5 | 2.2 | 78            |
| 80            | 1.3                                |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 1.9      | 1.4 | 2.1 | 80            |
| 82            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 1.8      | 1.3 | 2.0 | 82            |
| 84            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 1.7      | 1.2 | 1.9 | 84            |
| 86            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 1.6      | 1.1 | 1.8 | 86            |
| 88            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 1.5      | 1.0 | 1.7 | 88            |
| 90            |                                    |     |     |          |     |     |          |     |     |          |     |     |          |     |     | 1.4      | 0.9 | 1.6 | 90            |



**Prerequisites:**

- ① Boom operating conditions(boom length + adapter+ tower jib length), max. length is 65.6m+7m+18m
- ② The span of outriggers is 8.95m×8.6m
- ③ 360°rotation is applied
- ④ Counterweight is 100T
- ⑤ Superlift angle of one-side unfold is 55°

| working range | Main boom + Adapter + Tower jib + Superlift |      |      |          |      |      |          |      |     |          |     |      |          |     |     |          |     |     | working range |          |     |     |    |    |
|---------------|---|------|------|----------|------|------|----------|------|-----|----------|-----|------|----------|-----|-----|----------|-----|-----|---------------|----------|-----|-----|----|----|
|               | 35.4+7m*                                    |      |      | 40.4+7m* |      |      | 45.4+7m* |      |     | 50.5+7m* |     |      | 55.5+7m* |     |     | 60.6+7m* |     |     |               | 65.6+7m* |     |     |    |    |
|               | 82°   | 75°  | 68°  | 82°      | 75°  | 68°  | 82°      | 75°  | 68° | 82°      | 75° | 68°  | 82°      | 75° | 68° | 82°      | 75° | 68° |               | 82°      | 75° | 68° |    |    |
| 12            |   |      |      |          |      |      |          |      |     |          |     |      |          |     |     |          |     |     |               |          |     |     | 12 |    |
| 13            |   |      |      |          |      |      |          |      |     |          |     |      |          |     |     |          |     |     |               |          |     |     |    | 13 |
| 14            | 37.5  |      |      |          |      |      |          |      |     |          |     |      |          |     |     |          |     |     |               |          |     |     |    | 14 |
| 16            | 41.0  |      |      | 40.0     |      |      |          |      |     |          |     |      |          |     |     |          |     |     |               |          |     |     |    | 16 |
| 18            | 44.0  |      |      | 41.0     |      |      | 37.0     |      |     | 32.5     |     |      |          |     |     |          |     |     |               |          |     |     |    | 18 |
| 20            | 44.0  |      |      | 40.0     |      |      | 36.5     |      |     | 32.0     |     |      | 26.5     |     |     | 24.5     |     |     |               |          |     |     |    | 20 |
| 22            | 41.1  | 37.0 |      | 37.1     |      |      | 36.0     |      |     | 31.2     |     |      | 26.0     |     |     | 23.5     |     |     |               | 21.0     |     |     |    | 22 |
| 24            |   | 33.1 |      |          | 32.1 |      | 34.1     |      |     | 30.0     |     |      | 25.5     |     |     | 23.0     |     |     |               | 20.0     |     |     |    | 24 |
| 26            |   | 29.9 |      |          | 29.0 |      | 28.6     |      |     |          |     |      |          |     |     | 22.5     |     |     |               | 19.5     |     |     |    | 26 |
| 28            |   |      | 24.6 |          | 26.3 |      | 26.0     |      |     |          |     | 25.3 |          |     |     |          |     |     |               |          |     |     |    | 28 |
| 30            |   |      | 22.5 |          |      |      |          |      |     |          |     | 23.2 |          |     |     |          |     |     |               | 21.2     |     |     |    | 30 |
| 32            |   |      |      |          |      | 19.7 |          |      |     |          |     |      |          |     |     |          |     |     |               | 19.4     |     |     |    | 32 |
| 34            |   |      |      |          |      |      |          | 16.5 |     |          |     |      |          |     |     |          |     |     |               |          |     |     |    | 34 |
| 36            |   |      |      |          |      |      |          |      |     |          |     | 14.7 |          |     |     |          |     |     |               |          |     |     |    | 36 |
| 38            |   |      |      |          |      |      |          |      |     |          |     |      |          |     |     |          |     |     |               |          |     |     |    | 38 |
| 40            |   |      |      |          |      |      |          |      |     |          |     |      |          |     |     |          |     |     |               | 7.6      |     |     |    | 40 |
| 42            |   |      |      |          |      |      |          |      |     |          |     |      |          |     |     |          |     |     |               |          |     |     |    | 42 |
| 44            |   |      |      |          |      |      |          |      |     |          |     |      |          |     |     |          |     |     |               |          |     |     |    | 44 |

\*adapter 3.5m+telescopic boom extension 3.5m  
\*\*The weight of hanger is no less than 1500KG.

**Prerequisites:**

- ① Boom operating conditions(boom length + adapter+ tower jib length), max.length is 65.6m+7m+24m
- ② The span of outriggers is 8.95m×8.6m
- ③ 360°rotation is applied
- ④ Counterweight is 100T
- ⑤ Superlift angle of one-side unfold is 55°

| working range | Main boom+ Adapter+ Tower jib+ Superlift |      |      |          |      |      |          |      |     |          |      |      |          |      |     |          |      |     | working range |          |     |     |    |    |
|---------------|--|------|------|----------|------|------|----------|------|-----|----------|------|------|----------|------|-----|----------|------|-----|---------------|----------|-----|-----|----|----|
|               | 35.4+7m*                                 |      |      | 40.4+7m* |      |      | 45.4+7m* |      |     | 50.5+7m* |      |      | 55.5+7m* |      |     | 60.6+7m* |      |     |               | 65.6+7m* |     |     |    |    |
|               | 82°                                      | 75°  | 68°  | 82°      | 75°  | 68°  | 82°      | 75°  | 68° | 82°      | 75°  | 68°  | 82°      | 75°  | 68° | 82°      | 75°  | 68° |               | 82°      | 75° | 68° |    |    |
| 13            |  |      |      |          |      |      |          |      |     |          |      |      |          |      |     |          |      |     |               |          |     |     | 13 |    |
| 14            |  |      |      |          |      |      |          |      |     |          |      |      |          |      |     |          |      |     |               |          |     |     |    | 14 |
| 16            | 29.9                                     |      |      |          |      |      |          |      |     |          |      |      |          |      |     |          |      |     |               |          |     |     |    | 16 |
| 18            | 31.9                                     |      |      | 31.0     |      |      |          |      |     |          |      |      |          |      |     |          |      |     |               |          |     |     |    | 18 |
| 20            | 34.0                                     |      |      | 32.1     |      |      | 29.0     |      |     | 26.5     |      |      |          |      |     |          |      |     |               |          |     |     |    | 20 |
| 22            | 34.5                                     |      |      | 32.0     |      |      | 29.0     |      |     | 26.0     |      | 23.0 |          | 20.0 |     |          |      |     |               |          |     |     |    | 22 |
| 24            | 34.0                                     | 34.0 |      | 31.0     |      |      | 29.0     |      |     | 25.2     |      | 22.1 |          | 19.5 |     |          | 17.5 |     |               |          |     |     |    | 24 |
| 26            | 32.0                                     | 31.6 |      | 29.0     | 28.9 |      | 28.5     |      |     | 25.0     |      | 22.0 |          | 19.2 |     |          | 16.5 |     |               |          |     |     |    | 26 |
| 28            | 30.9                                     | 28.8 |      | 27.3     | 27.1 |      | 28.0     |      |     | 24.1     |      | 21.3 |          | 19.0 |     |          | 16.0 |     |               |          |     |     |    | 28 |
| 30            |  | 26.4 |      |          | 25.5 |      | 26.9     | 25.1 |     | 23.0     | 22.8 |      | 21.0     |      |     | 18.0     |      |     |               |          |     |     |    | 30 |
| 32            |  | 24.3 | 21.8 |          | 23.5 |      |          | 23.2 |     | 21.1     |      |      | 19.2     |      |     | 17.2     |      |     |               |          |     |     |    | 32 |
| 34            |  |      | 20.2 |          | 21.7 | 17.9 |          | 21.4 |     |          | 19.5 |      |          | 17.8 |     |          | 17.0 |     |               |          |     |     |    | 34 |
| 36            |  |      | 18.7 |          |      | 16.6 |          |      |     | 18.1     |      |      | 16.5     |      |     | 16.0     |      |     |               | 13.5     |     |     |    | 36 |
| 38            |  |      |      |          | 15.5 |      |          |      |     | 16.0     |      |      | 15.3     |      |     | 15.1     |      |     |               | 12.2     |     |     |    | 38 |
| 40            |  |      |      |          |      |      |          |      |     | 14.2     |      |      | 12.5     |      |     |          |      |     |               | 11.5     |     |     |    | 40 |
| 42            |  |      |      |          |      |      |          |      |     |          |      | 11.7 |          |      | 9.6 |          |      |     |               |          |     |     |    | 42 |
| 44            |  |      |      |          |      |      |          |      |     |          |      |      |          | 9.0  |     |          |      |     |               |          |     |     |    | 44 |
| 46            |  |      |      |          |      |      |          |      |     |          |      |      |          |      | 6.5 |          |      |     |               |          |     |     |    | 46 |
| 48            |  |      |      |          |      |      |          |      |     |          |      |      |          |      | 6.5 |          |      |     |               |          |     |     |    | 48 |
| 50            |  |      |      |          |      |      |          |      |     |          |      |      |          |      |     |          |      |     |               |          |     | 6.5 |    | 50 |
| 52            |  |      |      |          |      |      |          |      |     |          |      |      |          |      |     |          |      |     |               |          |     |     |    | 52 |
| 54            |  |      |      |          |      |      |          |      |     |          |      |      |          |      |     |          |      |     |               |          |     |     |    | 54 |
| 56            |  |      |      |          |      |      |          |      |     |          |      |      |          |      |     |          |      |     |               |          |     |     |    | 56 |

\*adapter 3.5m+telescopic boom extension 3.5m

**Prerequisites:**

- ① Boom operating conditions(boom length + adapter+ tower jib length), max.length is 65.6m+7m+30m
- ② The span of outriggers is 8.95m×8.6m
- ③ 360°rotation is applied
- ④ Counterweight is 100T
- ⑤ Superlift angle of one-side unfold is 55°

| working range | Main boom+ Adapter+ Tower jib+ Superlift |      |      |          |      |      |          |      |      |          |     |     |          |     |     |          |     |     | working range |          |     |     |  |    |
|---------------|--|------|------|----------|------|------|----------|------|------|----------|-----|-----|----------|-----|-----|----------|-----|-----|---------------|----------|-----|-----|--|----|
|               | 35.4+7m*                                 |      |      | 40.4+7m* |      |      | 45.4+7m* |      |      | 50.5+7m* |     |     | 55.5+7m* |     |     | 60.6+7m* |     |     |               | 65.6+7m* |     |     |  |    |
|               | 82°                                      | 75°  | 68°  | 82°      | 75°  | 68°  | 82°      | 75°  | 68°  | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° |               | 82°      | 75° | 68° |  |    |
| 16            |  |      |      |          |      |      |          |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 16 |
| 18            | 25.6                                     |      |      |          |      |      |          |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 18 |
| 20            | 26.2                                     |      |      |          |      |      |          |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 20 |
| 22            | 28.0                                     |      |      | 26.0     |      |      |          |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 22 |
| 24            | 29.0                                     |      |      | 27.0     |      |      | 24.5     |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 24 |
| 26            | 28.5                                     |      |      | 26.6     |      |      | 24.0     |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 26 |
| 28            | 28.0                                     | 28.0 |      | 25.8     |      |      | 24.0     |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 28 |
| 30            | 27.1                                     | 27.0 |      | 24.5     | 24.0 |      | 23.1     |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 30 |
| 32            | 25.0                                     | 25.9 |      | 23.8     | 22.1 |      | 22.9     | 22.1 |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 32 |
| 34            | 23.6                                     | 24.9 |      | 21.9     | 21.2 |      | 21.1     | 21.0 |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 34 |
| 36            |  | 23.3 | 18.4 |          | 20.0 |      | 20.0     | 19.6 |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 36 |
| 38            |  | 21.7 | 17.2 |          | 18.6 | 15.2 |          | 18.3 |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 38 |
| 40            |  |      | 16.1 |          | 17.4 | 14.2 |          | 17.1 | 16.5 |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 40 |
| 42            |  |      | 15.0 |          |      | 13.3 |          |      | 15.5 |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 42 |
| 44            |  |      |      |          |      | 12.4 |          |      | 14.4 |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 44 |
| 46            |  |      |      |          |      |      |          |      | 13.7 |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 46 |
| 48            |  |      |      |          |      |      |          |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 48 |
| 50            |  |      |      |          |      |      |          |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 50 |
| 52            |  |      |      |          |      |      |          |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 52 |
| 54            |  |      |      |          |      |      |          |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 54 |
| 56            |  |      |      |          |      |      |          |      |      |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 56 |

\*adapter 3.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions( boom length + adapter+ tower jib length), max.length is 65.6m+7m+36m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 55°

| working range | Main boom+ Adapter+ Tower jib+ Superlift |      |      |          |      |      |          |     |      |          |     |      |          |      |      |          |     |      | working range |          |      |      |     |    |
|---------------|--|------|------|----------|------|------|----------|-----|------|----------|-----|------|----------|------|------|----------|-----|------|---------------|----------|------|------|-----|----|
|               | 35.4+7m*                                 |      |      | 40.4+7m* |      |      | 45.4+7m* |     |      | 50.5+7m* |     |      | 55.5+7m* |      |      | 60.6+7m* |     |      |               | 65.6+7m* |      |      |     |    |
|               | 82°                                      | 75°  | 68°  | 82°      | 75°  | 68°  | 82°      | 75° | 68°  | 82°      | 75° | 68°  | 82°      | 75°  | 68°  | 82°      | 75° | 68°  |               | 82°      | 75°  | 68°  |     |    |
| 16            |  |      |      |          |      |      |          |     |      |          |     |      |          |      |      |          |     |      |               |          |      |      | 16  |    |
| 18            |  |      |      |          |      |      |          |     |      |          |     |      |          |      |      |          |     |      |               |          |      |      |     | 18 |
| 20            | 21.5                                     |      |      |          |      |      |          |     |      |          |     |      |          |      |      |          |     |      |               |          |      |      |     | 20 |
| 22            | 22.0                                     |      |      | 21.5     |      |      |          |     | 15.9 |          |     |      |          |      |      |          |     |      |               |          |      |      |     | 22 |
| 24            | 23.1                                     |      |      | 22.0     |      |      |          |     | 18.4 |          |     | 17.5 |          |      |      |          |     |      |               |          |      |      |     | 24 |
| 26            | 23.9                                     |      |      | 22.0     |      |      |          |     | 20.0 |          |     | 18.5 |          |      | 16.0 |          |     | 14.0 |               |          |      |      |     | 26 |
| 28            | 23.5                                     |      |      | 22.0     |      |      |          |     | 20.0 |          |     | 18.0 |          |      | 15.8 |          |     | 13.5 |               |          | 12.5 |      |     | 28 |
| 30            | 23.0                                     | 23.0 |      | 22.0     |      |      |          |     | 20.0 |          |     | 18.0 |          |      | 15.8 |          |     | 13.5 |               |          | 12.0 |      |     | 30 |
| 32            | 22.7                                     | 23.0 |      | 21.5     | 20.5 |      |          |     | 19.8 |          |     | 18.0 |          |      | 15.3 |          |     | 13.5 |               |          | 12.0 |      |     | 32 |
| 34            | 21.0                                     | 22.0 |      | 20.5     | 19.5 |      |          |     | 19.5 | 19.0     |     | 17.6 |          |      | 15.3 |          |     | 13.2 |               |          | 11.3 |      |     | 34 |
| 36            | 20.8                                     | 21.0 |      | 19.6     | 19.1 |      |          |     | 19.0 | 18.9     |     | 17.0 | 16.9     |      | 15.0 |          |     | 13.0 |               |          | 11.1 |      |     | 36 |
| 38            | 19.9                                     | 20.6 | 16.8 | 18.7     | 18.0 |      |          |     | 18.6 | 18.0     |     | 16.6 | 16.3     |      | 14.6 | 14.1     |     | 12.7 | 12.1          |          | 10.9 |      |     | 38 |
| 40            | 18.9                                     | 19.5 | 15.7 | 17.6     | 17.1 | 13.8 |          |     | 18.0 | 16.8     |     | 16.2 | 15.3     |      | 14.2 | 13.8     |     | 12.5 | 12.0          |          | 10.7 |      |     | 40 |
| 42            |  | 18.6 | 14.8 |          | 16.0 | 13.0 | 17.0     |     | 15.8 |          |     | 16.0 | 14.3     |      | 14.0 | 13.0     |     | 12.3 | 12.0          |          | 10.4 | 10.0 |     | 42 |
| 44            |  | 17.6 | 13.9 |          | 15.1 | 12.2 |          |     | 14.8 | 14.2     |     | 13.5 |          |      | 12.2 | 12.0     |     | 11.5 | 9.5           |          | 9.5  |      |     | 44 |
| 46            |  |      | 13.0 |          | 14.0 | 11.5 |          |     | 14.0 | 13.4     |     | 12.7 | 9.7      |      | 11.5 |          |     | 11.2 |               |          | 9.0  |      |     | 46 |
| 48            |  |      | 12.3 |          |      | 10.8 |          |     |      | 12.7     |     | 11.9 | 9.2      |      | 10.8 |          |     | 10.5 |               |          | 8.5  |      |     | 48 |
| 50            |  |      |      |          |      | 10.2 |          |     |      | 12.0     |     |      | 8.7      | 10.2 | 7.0  |          | 9.6 | 3.5  |               | 8.1      |      |      | 50  |    |
| 52            |  |      |      |          |      |      |          |     |      |          |     |      | 11.3     |      |      |          | 8.2 |      | 6.6           |          | 3.5  |      | 7.8 | 52 |
| 54            |  |      |      |          |      |      |          |     |      |          |     |      |          |      |      |          | 7.7 |      | 6.3           |          | 3.5  |      | 4.0 | 54 |
| 56            |  |      |      |          |      |      |          |     |      |          |     |      |          |      |      |          |     | 5.9  |               |          | 3.5  |      | 4.0 | 56 |
| 58            |  |      |      |          |      |      |          |     |      |          |     |      |          |      |      |          |     |      |               |          | 3.5  |      | 4.0 | 58 |
| 60            |  |      |      |          |      |      |          |     |      |          |     |      |          |      |      |          |     |      |               |          |      |      | 3.6 | 60 |
| 62            |  |      |      |          |      |      |          |     |      |          |     |      |          |      |      |          |     |      |               |          |      |      |     | 62 |

\*adapter 3.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter+ tower jib length), max.length is 65.6m+7m+42m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 55°

| working range | Main boom+ Adapter+ Tower jib+ Superlift |      |      |          |      |      |          |      |      |          |      |     |          |      |      |          |     |      | working range |          |      |      |  |    |
|---------------|--|------|------|----------|------|------|----------|------|------|----------|------|-----|----------|------|------|----------|-----|------|---------------|----------|------|------|--|----|
|               | 35.4+7m*                                 |      |      | 40.4+7m* |      |      | 45.4+7m* |      |      | 50.5+7m* |      |     | 55.5+7m* |      |      | 60.6+7m* |     |      |               | 65.6+7m* |      |      |  |    |
|               | 82°                                      | 75°  | 68°  | 82°      | 75°  | 68°  | 82°      | 75°  | 68°  | 82°      | 75°  | 68° | 82°      | 75°  | 68°  | 82°      | 75° | 68°  |               | 82°      | 75°  | 68°  |  |    |
| 20            |  |      |      |          |      |      |          |      |      |          |      |     |          |      |      |          |     |      |               |          |      |      |  | 20 |
| 22            | 19.5                                     |      |      |          |      |      |          |      | 17.5 |          |      |     |          |      |      |          |     |      |               |          |      |      |  | 22 |
| 24            | 19.8                                     |      |      |          |      |      |          |      | 17.8 |          |      |     |          | 15.0 |      |          |     |      |               |          |      |      |  | 24 |
| 26            | 20.0                                     |      |      |          |      |      |          |      | 18.2 |          |      |     |          | 16.0 |      |          |     | 13.3 |               |          |      |      |  | 26 |
| 28            | 19.7                                     |      |      |          |      |      |          |      | 18.8 |          |      |     |          | 16.8 |      |          |     | 14.5 |               |          | 11.5 |      |  | 28 |
| 30            | 19.3                                     |      |      |          |      |      |          |      | 18.5 |          |      |     |          | 16.8 |      |          |     | 15.0 |               |          | 13.0 |      |  | 30 |
| 32            | 18.5                                     | 19.0 |      |          |      |      |          |      | 18.0 |          |      |     |          | 16.8 |      |          |     | 15.0 |               |          | 13.0 |      |  | 32 |
| 34            | 17.8                                     | 18.8 |      |          |      |      |          |      | 17.7 | 18.0     |      |     |          | 13.6 |      |          |     | 15.0 |               |          | 13.0 |      |  | 34 |
| 36            | 16.9                                     | 18.2 |      |          |      |      |          |      | 17.2 | 17.6     |      |     |          | 16.0 | 16.0 |          |     | 14.5 |               |          | 13.0 |      |  | 36 |
| 38            | 15.8                                     | 17.4 |      |          |      |      |          |      | 16.5 | 16.7     |      |     |          | 15.8 | 15.7 |          |     | 14.2 | 13.7          |          | 12.5 |      |  | 38 |
| 40            | 15.0                                     | 16.7 |      |          |      |      |          |      | 15.6 | 16.0     |      |     |          | 15.5 | 15.4 |          |     | 14.0 | 13.5          |          | 12.3 |      |  | 40 |
| 42            | 14.2                                     | 16.0 | 15.0 |          |      |      |          |      | 14.8 | 15.3     |      |     |          | 15.0 | 15.1 |          |     | 13.6 | 13.3          |          | 12.1 | 12.0 |  | 42 |
| 44            | 13.5                                     | 15.2 | 14.5 | 14.1     | 14.5 | 12.7 |          |      | 14.0 | 14.5     |      |     |          | 14.0 | 14.5 |          |     | 13.3 | 12.8          |          | 11.9 | 11.8 |  | 44 |
| 46            | 13.0                                     | 14.4 | 13.9 | 13.5     | 14.0 | 11.9 | 13.5     | 13.7 | 13.1 | 13.1     | 12.3 |     |          | 11.5 | 11.2 |          |     | 11.5 | 11.2          |          | 10.1 | 10.0 |  | 46 |
| 48            |  | 13.6 | 13.4 |          | 12.9 | 11.2 | 13.0     | 12.9 | 12.3 | 13.0     | 11.7 |     |          | 11.0 | 10.6 |          |     | 11.0 | 10.6          |          | 10.0 | 9.5  |  | 48 |
| 50            |  | 12.9 | 12.8 |          | 12.3 | 10.6 |          | 12.2 | 11.7 | 0.0      | 11.1 | 7.2 |          | 10.0 |      |          | 9.0 | 9.4  |               |          |      |      |  | 50 |
| 52            |  |      | 12.1 |          | 11.5 | 10.0 |          | 11.6 | 11.1 |          | 10.5 | 6.8 |          | 9.5  |      |          | 8.9 | 5.5  |               | 8.7      | 3.1  |      |  | 52 |
| 54            |  |      | 11.4 |          |      | 9.5  |          |      | 10.5 |          | 9.9  | 6.4 |          | 8.9  | 5.5  |          | 8.7 | 3.1  |               |          |      |      |  | 54 |
| 56            |  |      |      |          |      | 8.9  |          |      | 10.0 |          |      | 6.1 |          | 8.4  | 5.2  |          | 8.2 | 3.1  |               |          |      |      |  | 56 |
| 58            |  |      |      |          |      |      |          |      |      |          |      | 5.7 |          |      | 4.9  |          |     |      |               |          |      |      |  | 58 |
| 60            |  |      |      |          |      |      |          |      |      |          |      | 5.4 |          |      | 4.7  |          |     |      |               |          |      |      |  | 60 |
| 62            |  |      |      |          |      |      |          |      |      |          |      |     |          |      | 4.4  |          |     |      |               |          |      |      |  | 62 |
| 64            |  |      |      |          |      |      |          |      |      |          |      |     |          |      |      |          |     |      |               |          |      |      |  | 64 |
| 66            |  |      |      |          |      |      |          |      |      |          |      |     |          |      |      |          |     |      |               |          |      |      |  | 66 |
| 68            |  |      |      |          |      |      |          |      |      |          |      |     |          |      |      |          |     |      |               |          |      |      |  | 68 |

\*adapter 3.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter+ tower jib length), max.length is 60.6m+7m+48m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 55°

| working range | Main boom+ Adapter+ Tower jib+ Superlift |      |      |          |      |      |          |      |      |          |      |     |          |      |     |          |     |     | working range |          |     |     |    |
|---------------|--|------|------|----------|------|------|----------|------|------|----------|------|-----|----------|------|-----|----------|-----|-----|---------------|----------|-----|-----|----|
|               | 35.4+7m*                                 |      |      | 40.4+7m* |      |      | 45.4+7m* |      |      | 50.5+7m* |      |     | 55.5+7m* |      |     | 60.6+7m* |     |     |               | 65.6+7m* |     |     |    |
|               | 82°                                      | 75°  | 68°  | 82°      | 75°  | 68°  | 82°      | 75°  | 68°  | 82°      | 75°  | 68° | 82°      | 75°  | 68° | 82°      | 75° | 68° |               | 82°      | 75° | 68° |    |
| 22            |  |      |      |          |      |      |          |      |      |          |      |     |          |      |     |          |     |     |               |          |     |     | 22 |
| 24            | 15.2                                     |      |      | 13.5     |      |      |          |      |      |          |      |     |          |      |     |          |     |     |               |          |     |     | 24 |
| 26            | 15.5                                     |      |      | 14.0     |      |      | 13.0     |      |      |          |      |     |          |      |     |          |     |     |               |          |     |     | 26 |
| 28            | 16.0                                     |      |      | 14.5     |      |      | 13.5     |      |      | 11.6     |      |     | 10.0     |      |     |          |     |     |               |          |     |     | 28 |
| 30            | 16.0                                     |      |      | 15.0     |      |      | 13.5     |      |      | 12.0     |      |     | 10.3     |      |     | 9.3      |     |     |               |          |     |     | 30 |
| 32            | 15.8                                     |      |      | 15.0     |      |      | 13.5     |      |      | 12.5     |      |     | 10.6     |      |     | 9.5      |     |     |               |          |     |     | 32 |
| 34            | 15.6                                     | 15.5 |      | 15.0     |      |      | 13.5     |      |      | 12.5     |      |     | 11.0     |      |     | 9.5      |     |     |               |          |     |     | 34 |
| 36            | 15.3                                     | 15.4 |      | 15.0     | 14.0 |      | 13.5     |      |      | 12.5     |      |     | 10.8     |      |     | 9.5      |     |     |               |          |     |     | 36 |
| 38            | 15.1                                     | 15.3 |      | 15.0     | 14.0 |      | 13.5     | 13.0 |      | 12.5     |      |     | 10.6     |      |     | 9.5      |     |     |               |          |     |     | 38 |
| 40            | 14.9                                     | 15.2 |      | 14.8     | 14.0 |      | 13.5     | 13.0 |      | 12.0     | 11.5 |     | 10.4     |      |     | 9.3      |     |     |               |          |     |     | 40 |
| 42            | 14.7                                     | 15.0 |      | 14.5     | 14.0 |      | 13.3     | 13.0 |      | 11.9     | 11.4 |     | 10.2     | 10.0 |     | 9.2      |     |     |               |          |     |     | 42 |
| 44            | 14.3                                     | 14.3 | 13.7 | 14.2     | 13.5 |      | 13.1     | 13.0 |      | 11.7     | 11.3 |     | 10.0     | 9.8  |     | 9.1      | 8.5 |     |               |          |     |     | 44 |
| 46            | 13.5                                     | 13.6 | 13.0 | 13.8     | 13.0 |      | 12.9     | 12.7 |      | 11.5     | 11.2 |     | 9.8      | 9.7  |     | 8.9      | 8.5 |     |               |          |     |     | 46 |
| 48            | 12.9                                     | 12.8 | 12.3 | 13.3     | 12.5 | 10.9 | 12.7     | 12.3 |      | 11.3     | 11.1 |     | 9.6      | 9.6  |     | 8.7      | 8.4 |     |               |          |     |     | 48 |
| 50            | 12.2                                     | 12.3 | 11.9 | 12.5     | 12.0 | 10.3 | 12.5     | 11.8 | 11.0 | 11.1     | 10.8 |     | 9.4      | 9.5  |     | 8.5      | 8.3 |     |               |          |     |     | 50 |
| 52            | 11.3                                     | 11.9 | 11.4 | 11.5     | 11.5 | 9.7  | 12.0     | 11.3 | 10.4 | 10.9     | 10.2 | 6.5 | 9.2      | 9.4  |     | 8.3      | 8.2 |     |               |          |     |     | 52 |
| 54            |  | 11.3 | 11.0 |          | 11.0 | 9.2  | 11.0     | 10.7 | 10.0 | 10.7     | 9.7  | 6.2 | 9.0      | 9.2  |     | 8.1      | 8.0 |     |               |          |     |     | 54 |
| 56            |  | 10.7 | 10.6 |          | 10.4 | 8.7  |          | 10.2 | 9.6  |          | 9.2  | 5.8 |          | 8.9  | 5.0 | 7.8      | 7.8 |     |               |          |     |     | 56 |
| 58            |  |      | 10.0 |          | 9.8  | 8.2  |          | 9.6  | 9.2  |          | 8.7  | 5.5 |          | 8.4  | 4.7 |          | 7.6 | 2.3 |               |          |     |     | 58 |
| 60            |  |      | 9.5  |          |      | 7.8  |          |      | 8.8  |          | 8.2  | 5.2 |          | 8.0  | 4.5 |          | 7.2 | 2.5 |               |          |     |     | 60 |
| 62            |  |      |      |          | 7.4  |      |          |      | 8.3  |          |      | 4.9 |          | 7.5  | 4.2 |          | 6.8 | 2.5 |               |          |     |     | 62 |
| 64            |  |      |      |          |      |      |          |      | 7.9  |          |      | 4.7 |          |      | 4.0 |          |     | 2.5 |               |          |     |     | 64 |
| 66            |  |      |      |          |      |      |          |      |      |          | 4.4  |     |          |      | 3.8 |          |     | 2.5 |               |          |     |     | 66 |
| 68            |  |      |      |          |      |      |          |      |      |          |      |     |          | 3.6  |     |          |     | 2.5 |               |          |     |     | 68 |
| 70            |  |      |      |          |      |      |          |      |      |          |      |     |          |      |     |          |     | 2.2 |               |          |     |     | 70 |
| 72            |  |      |      |          |      |      |          |      |      |          |      |     |          |      |     |          |     |     |               |          |     |     | 72 |

\*adapter 3.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter+ tower jib length), max.length is 55.5m+7m+54m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 55°

| working range | Main boom+ Adapter+ Tower jib+ Superlift |      |      |          |      |     |          |      |     |          |     |     |          |     |     |          |     |     | working range |          |     |     |    |
|---------------|--|------|------|----------|------|-----|----------|------|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|---------------|----------|-----|-----|----|
|               | 35.4+7m*                                 |      |      | 40.4+7m* |      |     | 45.4+7m* |      |     | 50.5+7m* |     |     | 55.5+7m* |     |     | 60.6+7m* |     |     |               | 65.6+7m* |     |     |    |
|               | 82°                                      | 75°  | 68°  | 82°      | 75°  | 68° | 82°      | 75°  | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° |               | 82°      | 75° | 68° |    |
| 24            |  |      |      |          |      |     |          |      |     |          |     |     |          |     |     |          |     |     |               |          |     |     | 24 |
| 26            | 12.0                                     |      |      | 11.5     |      |     |          |      |     |          |     |     |          |     |     |          |     |     |               |          |     |     | 26 |
| 28            | 12.5                                     |      |      | 11.7     |      |     | 10.0     |      |     |          |     |     |          |     |     |          |     |     |               |          |     |     | 28 |
| 30            | 12.6                                     |      |      | 11.9     |      |     | 10.4     |      |     | 9.0      |     |     | 7.8      |     |     |          |     |     |               |          |     |     | 30 |
| 32            | 12.7                                     |      |      | 11.9     |      |     | 10.8     |      |     | 9.5      |     |     | 8.3      |     |     |          |     |     |               |          |     |     | 32 |
| 34            | 12.7                                     |      |      | 11.9     |      |     | 11.0     |      |     | 9.8      |     |     | 8.5      |     |     |          |     |     |               |          |     |     | 34 |
| 36            | 12.6                                     | 12.0 |      | 11.9     |      |     | 11.0     |      |     | 10.0     |     |     | 8.7      |     |     |          |     |     |               |          |     |     | 36 |
| 38            | 12.5                                     | 12.0 |      | 11.9     | 11.6 |     | 11.0     |      |     | 10.0     |     |     | 8.7      |     |     |          |     |     |               |          |     |     | 38 |
| 40            | 12.4                                     | 12.0 |      | 11.9     | 11.6 |     | 11.0     | 11.0 |     | 10.0     |     |     | 8.7      |     |     |          |     |     |               |          |     |     | 40 |
| 42            | 12.2                                     | 12.0 |      | 11.9     | 11.6 |     | 11.0     | 11.0 |     | 10.0     | 9.5 |     | 8.5      |     |     |          |     |     |               |          |     |     | 42 |
| 44            | 12.0                                     | 11.9 |      | 11.7     | 11.6 |     | 11.0     | 10.8 |     | 9.7      | 9.5 |     | 8.5      |     |     |          |     |     |               |          |     |     | 44 |
| 46            | 11.9                                     | 11.8 |      | 11.5     | 11.3 |     | 10.8     | 10.6 |     | 9.6      | 9.5 |     | 8.4      | 8.0 |     |          |     |     |               |          |     |     | 46 |
| 48            | 11.8                                     | 11.7 | 11.0 | 11.0     | 10.8 |     | 10.6     | 10.4 |     | 9.5      | 9.4 |     | 8.2      | 8.0 |     |          |     |     |               |          |     |     | 48 |
| 50            | 11.7                                     | 11.5 | 11.0 | 10.5     | 10.3 | 9.5 | 10.4     | 10.2 |     | 9.4      | 9.3 |     | 8.1      | 7.8 |     |          |     |     |               |          |     |     | 50 |
| 52            | 11.3                                     | 11.3 | 10.6 | 10.0     | 9.8  | 9.2 | 10.2     | 10.0 | 9.5 | 9.2      | 9.2 |     | 8.0      | 7.7 |     |          |     |     |               |          |     |     | 52 |
| 54            | 10.6                                     | 10.5 | 10.2 | 9.5      | 9.3  | 8.8 | 10.0     | 9.8  | 9.3 | 8.6      | 9.1 |     | 7.8      | 7.7 |     |          |     |     |               |          |     |     | 54 |
| 56            | 10.0                                     | 9.9  | 9.8  | 9.0      | 9.0  | 8.3 | 10.0     | 9.5  | 9.1 | 8.1      | 9.0 | 5.5 | 7.6      | 7.7 |     |          |     |     |               |          |     |     | 56 |
| 58            | 9.5                                      | 9.7  | 9.4  | 8.5      | 8.7  | 7.8 | 9.7      | 9.2  | 8.7 | 7.7      | 8.9 | 5.2 | 7.3      | 7.7 | 4.4 |          |     |     |               |          |     |     | 58 |
| 60            |  | 9.4  | 9.0  |          | 8.2  | 7.4 | 9.3      | 8.8  | 8.3 | 7.2      | 8.5 | 4.9 | 7.0      | 7.5 | 4.2 |          |     |     |               |          |     |     | 60 |
| 62            |  | 9.0  | 8.6  |          | 7.7  | 7.0 |          | 8.4  | 8.0 |          | 8.0 | 4.6 |          | 7.2 | 3.9 |          |     |     |               |          |     |     | 62 |
| 64            |  |      | 8.2  |          | 7.3  | 6.7 |          | 7.9  | 7.6 |          | 7.6 | 4.4 |          | 6.9 | 3.7 |          |     |     |               |          |     |     | 64 |
| 66            |  |      | 7.7  |          |      | 6.3 |          |      | 7.2 |          | 7.2 | 4.1 |          | 6.5 | 3.5 |          |     |     |               |          |     |     | 66 |
| 68            |  |      |      |          |      | 6.0 |          |      | 6.8 |          |     | 3.9 |          | 6.1 | 3.3 |          |     |     |               |          |     |     | 68 |
| 70            |  |      |      |          |      |     |          |      | 6.4 |          |     | 3.7 |          |     | 3.1 |          |     |     |               |          |     |     | 70 |
| 72            |  |      |      |          |      |     |          |      |     |          |     | 3.5 |          |     | 2.9 |          |     |     |               |          |     |     | 72 |
| 74            |  |      |      |          |      |     |          |      |     |          |     |     |          |     | 2.7 |          |     |     |               |          |     |     | 74 |
| 76            |  |      |      |          |      |     |          |      |     |          |     |     |          |     |     |          |     |     |               |          |     |     | 76 |

\*adapter 3.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions(boom length + adapter+ tower jib length), max.length is 55.5m+7m+60m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 55°

| working range | Main boom+ Adapter+ Tower jib+ Superlift |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | working range |          |     |     |    |    |
|---------------|--|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|---------------|----------|-----|-----|----|----|
|               | 35.4+7m*                                 |     |     | 40.4+7m* |     |     | 45.4+7m* |     |     | 50.5+7m* |     |     | 55.5+7m* |     |     | 60.6+7m* |     |     |               | 65.6+7m* |     |     |    |    |
|               | 82°                                      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° |               | 82°      | 75° | 68° |    |    |
| 22            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     | 22 |    |
| 24            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |    | 24 |
| 26            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |    | 26 |
| 28            | 9.2                                      |     |     | 9.1      |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |    | 28 |
| 30            | 9.3                                      |     |     | 9.2      |     |     | 8.0      |     |     | 7.0      |     |     |          |     |     |          |     |     |               |          |     |     |    | 30 |
| 32            | 9.4                                      |     |     | 9.3      |     |     | 8.2      |     |     | 7.3      |     |     | 6.0      |     |     |          |     |     |               |          |     |     |    | 32 |
| 34            | 9.5                                      |     |     | 9.4      |     |     | 8.4      |     |     | 7.5      |     |     | 6.2      |     |     |          |     |     |               |          |     |     |    | 34 |
| 36            | 9.7                                      |     |     | 9.5      |     |     | 8.6      |     |     | 7.7      |     |     | 6.5      |     |     |          |     |     |               |          |     |     |    | 36 |
| 38            | 9.9                                      |     |     | 9.6      |     |     | 8.6      |     |     | 7.7      |     |     | 6.5      |     |     |          |     |     |               |          |     |     |    | 38 |
| 40            | 9.8                                      | 9.5 |     | 9.6      |     |     | 8.6      |     |     | 7.7      |     |     | 6.5      |     |     |          |     |     |               |          |     |     |    | 40 |
| 42            | 9.7                                      | 9.5 |     | 9.6      | 9.5 |     | 8.6      | 9.0 |     | 7.7      |     |     | 6.5      |     |     |          |     |     |               |          |     |     |    | 42 |
| 44            | 9.7                                      | 9.5 |     | 9.6      | 9.5 |     | 8.6      | 8.8 |     | 7.7      |     |     | 6.5      |     |     |          |     |     |               |          |     |     |    | 44 |
| 46            | 9.6                                      | 9.5 |     | 9.5      | 9.5 |     | 8.6      | 8.7 |     | 7.7      | 7.7 |     | 6.5      | 6.3 |     |          |     |     |               |          |     |     |    | 46 |
| 48            | 9.5                                      | 9.5 |     | 9.4      | 9.5 |     | 8.6      | 8.6 |     | 7.7      | 7.6 |     | 6.5      | 6.3 |     |          |     |     |               |          |     |     |    | 48 |
| 50            | 9.4                                      | 9.5 | 8.6 | 9.3      | 9.5 |     | 8.5      | 8.6 |     | 7.7      | 7.5 |     | 6.5      | 6.3 |     |          |     |     |               |          |     |     |    | 50 |
| 52            | 9.3                                      | 9.4 | 8.6 | 9.2      | 9.3 |     | 8.4      | 8.5 |     | 7.5      | 7.4 |     | 6.5      | 6.3 |     |          |     |     |               |          |     |     |    | 52 |
| 54            | 9.2                                      | 9.3 | 8.6 | 9.1      | 9.1 | 8.0 | 8.3      | 8.4 |     | 7.4      | 7.3 |     | 6.3      | 6.2 |     |          |     |     |               |          |     |     |    | 54 |
| 56            | 9.1                                      | 9.2 | 8.6 | 9.0      | 8.8 | 7.7 | 8.2      | 8.3 | 7.6 | 7.3      | 7.2 |     | 6.2      | 6.1 |     |          |     |     |               |          |     |     |    | 56 |
| 58            | 9.0                                      | 9.1 | 8.6 | 8.7      | 8.5 | 7.4 | 8.1      | 8.2 | 7.3 | 7.2      | 7.1 | 4.9 | 6.1      | 6.0 |     |          |     |     |               |          |     |     |    | 58 |
| 60            | 8.8                                      | 8.8 | 8.4 | 8.2      | 8.1 | 7.1 | 8.0      | 8.0 | 7.0 | 7.1      | 7.0 | 4.6 | 6.0      | 5.9 | 1.8 |          |     |     |               |          |     |     |    | 60 |
| 62            | 8.5                                      | 8.5 | 8.1 | 7.8      | 7.6 | 6.7 | 7.7      | 7.7 | 6.8 | 7.0      | 6.9 | 4.3 | 5.8      | 5.8 | 1.9 |          |     |     |               |          |     |     |    | 62 |
| 64            | 8.2                                      | 8.2 | 7.8 | 7.1      | 7.1 | 6.3 | 7.3      | 7.3 | 6.6 | 6.8      | 6.8 | 4.1 | 5.6      | 6.6 | 2.0 |          |     |     |               |          |     |     |    | 64 |
| 66            |  | 7.8 | 7.4 |          | 6.7 | 6.0 | 6.8      | 6.9 | 6.4 | 6.6      | 6.6 | 3.9 | 5.5      | 5.6 | 2.0 |          |     |     |               |          |     |     |    | 66 |
| 68            |  | 7.3 | 6.9 |          | 6.3 | 5.7 |          | 6.6 | 6.2 |          | 6.4 | 3.6 |          | 5.4 | 2.0 |          |     |     |               |          |     |     |    | 68 |
| 70            |  |     | 6.5 |          | 5.9 | 5.3 |          | 6.2 | 6.0 |          | 6.1 | 3.4 |          | 5.2 | 2.0 |          |     |     |               |          |     |     |    | 70 |
| 72            |  |     | 6.2 |          |     | 5.0 |          |     | 5.7 |          | 5.8 | 3.2 |          | 4.9 | 2.0 |          |     |     |               |          |     |     |    | 72 |
| 74            |  |     |     |          | 4.8 |     |          |     | 5.4 |          |     | 3.0 |          | 4.6 | 2.0 |          |     |     |               |          |     |     |    | 74 |
| 76            |  |     |     |          |     |     |          |     | 5.1 |          |     | 2.9 |          |     | 2.0 |          |     |     |               |          |     |     |    | 76 |
| 78            |  |     |     |          |     |     |          |     |     |          |     | 2.7 |          |     | 1.7 |          |     |     |               |          |     |     |    | 78 |
| 80            |  |     |     |          |     |     |          |     |     |          |     |     |          |     | 1.4 |          |     |     |               |          |     |     |    | 80 |
| 82            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |    | 82 |
| 84            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |    | 84 |

\*adapter 3.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions( boom length + adapter+ tower jib length), max.length is 55.5m+7m+66m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 55°

| working range | Main boom+ Adapter+ Tower jib+ Superlift |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | working range |          |     |     |  |    |
|---------------|--|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|---------------|----------|-----|-----|--|----|
|               | 35.4+7m*                                 |     |     | 40.4+7m* |     |     | 45.4+7m* |     |     | 50.5+7m* |     |     | 55.5+7m* |     |     | 60.6+7m* |     |     |               | 65.6+7m* |     |     |  |    |
|               | 82°                                      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° |               | 82°      | 75° | 68° |  |    |
| 26            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 26 |
| 28            | 7.8                                      |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 28 |
| 30            | 8.0                                      |     |     | 6.8      |     |     |          |     |     | 6.3      |     |     |          |     |     |          |     |     |               |          |     |     |  | 30 |
| 32            | 8.0                                      |     |     | 6.9      |     |     |          |     |     | 6.5      |     |     | 5.5      |     |     |          |     |     |               |          |     |     |  | 32 |
| 34            | 8.0                                      |     |     | 7.0      |     |     |          |     |     | 6.7      |     |     | 5.7      |     |     | 3.5      |     |     |               |          |     |     |  | 34 |
| 36            | 8.0                                      |     |     | 7.1      |     |     |          |     |     | 6.7      |     |     | 5.9      |     |     | 4.0      |     |     |               |          |     |     |  | 36 |
| 38            | 8.0                                      |     |     | 7.3      |     |     |          |     |     | 6.7      |     |     | 5.9      |     |     | 4.5      |     |     |               |          |     |     |  | 38 |
| 40            | 8.0                                      |     |     | 7.5      |     |     |          |     |     | 6.7      |     |     | 5.9      |     |     | 5.0      |     |     |               |          |     |     |  | 40 |
| 42            | 7.9                                      | 7.5 |     | 7.5      |     |     |          |     |     | 6.7      |     |     | 5.9      |     |     | 5.0      |     |     |               |          |     |     |  | 42 |
| 44            | 7.9                                      | 7.6 |     | 7.5      | 7.5 |     |          |     |     | 6.7      | 6.8 |     | 5.9      |     |     | 5.0      |     |     |               |          |     |     |  | 44 |
| 46            | 7.8                                      | 7.6 |     | 7.5      | 7.5 |     |          |     |     | 6.7      | 6.8 |     | 5.9      |     |     | 5.0      |     |     |               |          |     |     |  | 46 |
| 48            | 7.8                                      | 7.6 |     | 7.5      | 7.5 |     |          |     |     | 6.7      | 6.8 |     | 5.9      | 5.9 |     | 5.0      |     |     |               |          |     |     |  | 48 |
| 50            | 7.7                                      | 7.6 |     | 7.5      | 7.5 |     |          |     |     | 6.7      | 6.8 |     | 5.9      | 5.9 |     | 5.0      | 4.9 |     |               |          |     |     |  | 50 |
| 52            | 7.6                                      | 7.6 |     | 7.5      | 7.5 |     |          |     |     | 6.7      | 6.7 |     | 5.9      | 5.9 |     | 5.0      | 4.9 |     |               |          |     |     |  | 52 |
| 54            | 7.5                                      | 7.4 | 7.0 | 7.5      | 7.5 |     |          |     |     | 6.7      | 6.7 |     | 5.9      | 5.9 |     | 5.0      | 4.8 |     |               |          |     |     |  | 54 |
| 56            | 7.4                                      | 7.3 | 7.0 | 7.5      | 7.5 | 6.5 | 6.4      | 6.5 |     | 5.9      | 5.9 |     | 5.0      | 4.8 |     |          |     |     |               |          |     |     |  | 56 |
| 58            | 7.3                                      | 7.2 | 6.9 | 7.3      | 7.5 | 6.8 | 6.3      | 6.4 | 6.0 | 5.8      | 5.7 |     | 4.9      | 4.7 |     |          |     |     |               |          |     |     |  | 58 |
| 60            | 7.2                                      | 7.1 | 6.7 | 7.1      | 7.3 | 6.4 | 6.2      | 6.3 | 5.9 | 5.7      | 5.6 |     | 4.8      | 4.7 |     |          |     |     |               |          |     |     |  | 60 |
| 62            | 7.1                                      | 7.0 | 6.5 | 6.9      | 7.0 | 6.2 | 6.1      | 6.2 | 5.7 | 5.6      | 5.4 | 4.1 | 4.7      | 4.6 |     |          |     |     |               |          |     |     |  | 62 |
| 64            | 7.0                                      | 6.8 | 6.3 | 6.8      | 6.7 | 6.0 | 5.9      | 6.0 | 5.5 | 5.5      | 5.4 | 3.8 | 4.6      | 4.6 |     |          |     |     |               |          |     |     |  | 64 |
| 66            | 6.7                                      | 6.2 | 6.1 | 6.7      | 6.5 | 5.6 | 5.7      | 5.8 | 5.3 | 5.4      | 5.3 | 3.6 | 4.5      | 4.5 |     |          |     |     |               |          |     |     |  | 66 |
| 68            | 6.3                                      | 5.8 | 5.9 | 6.3      | 6.1 | 5.3 | 5.5      | 5.7 | 5.1 | 5.2      | 5.2 | 3.4 | 4.4      | 4.5 | 1.2 |          |     |     |               |          |     |     |  | 68 |
| 70            | 5.8                                      | 5.5 | 5.6 | 6.0      | 5.7 | 5.0 | 5.2      | 5.5 | 4.8 | 5.0      | 5.1 | 3.2 | 4.2      | 4.4 | 1.4 |          |     |     |               |          |     |     |  | 70 |
| 72            |  | 5.2 | 5.3 |          | 5.4 | 4.7 | 4.9      | 5.3 | 4.6 | 4.7      | 5.0 | 3.0 | 4.0      | 4.3 | 1.5 |          |     |     |               |          |     |     |  | 72 |
| 74            |  | 4.9 | 5.0 |          | 5.1 | 4.5 |          | 5.0 | 4.4 |          | 4.8 | 2.8 |          | 4.2 | 1.5 |          |     |     |               |          |     |     |  | 74 |
| 76            |  |     | 4.7 |          | 4.8 | 4.2 |          | 4.7 | 4.2 |          | 4.6 | 2.6 |          | 4.1 | 1.5 |          |     |     |               |          |     |     |  | 76 |
| 78            |  |     | 4.5 |          |     | 4.0 |          |     | 4.0 |          | 4.4 | 2.5 |          | 4.0 | 1.5 |          |     |     |               |          |     |     |  | 78 |
| 80            |  |     |     |          |     | 3.7 |          |     | 3.8 |          |     | 2.3 |          | 3.7 | 1.4 |          |     |     |               |          |     |     |  | 80 |
| 82            |  |     |     |          |     |     |          |     | 3.6 |          |     | 2.1 |          |     | 1.2 |          |     |     |               |          |     |     |  | 82 |
| 84            |  |     |     |          |     |     |          |     |     |          |     | 2.0 |          |     |     |          |     |     |               |          |     |     |  | 84 |

\*adapter 3.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions( boom length + adapter+ tower jib length), max.length is 55.5m+7m+72m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 55°

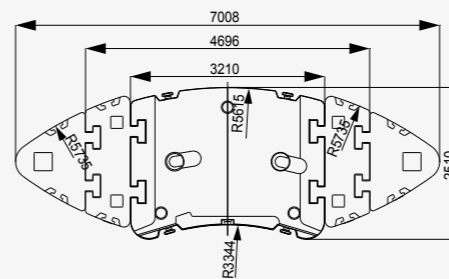
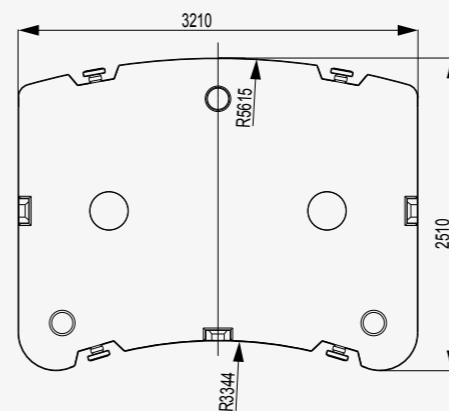
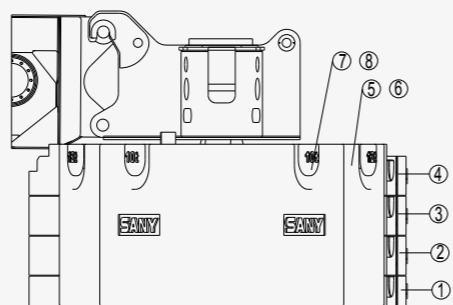
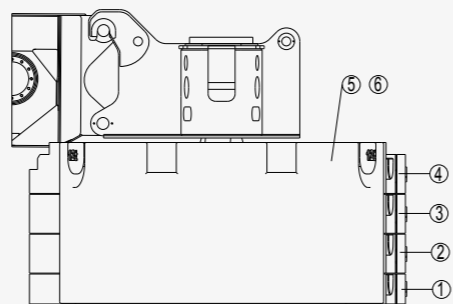
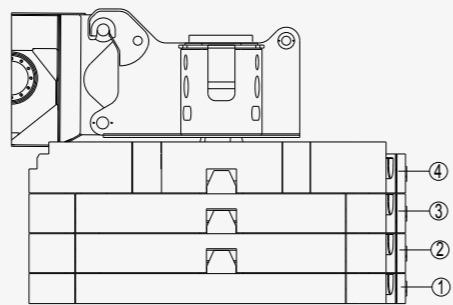
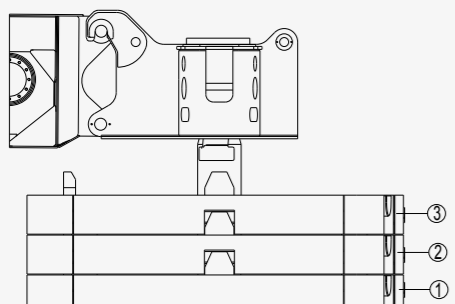
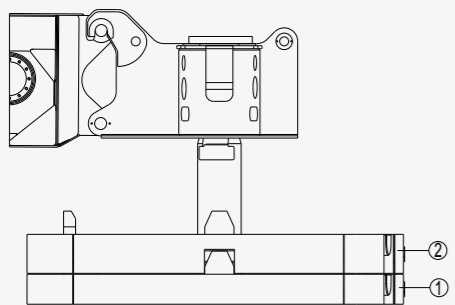
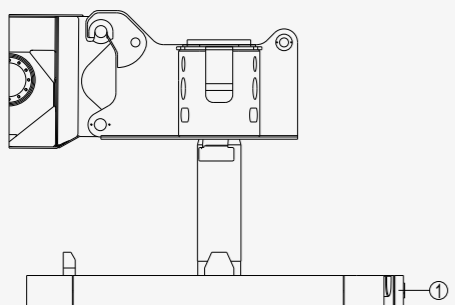
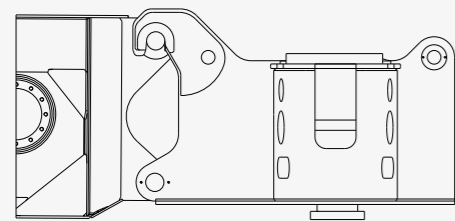
| working range | Main boom+ Adapter+ Tower jib+ Superlift |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | working range |          |     |     |    |    |
|---------------|--|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|---------------|----------|-----|-----|----|----|
|               | 35.4+7m*                                 |     |     | 40.4+7m* |     |     | 45.4+7m* |     |     | 50.5+7m* |     |     | 55.5+7m* |     |     | 60.6+7m* |     |     |               | 65.6+7m* |     |     |    |    |
|               | 82°                                      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° |               | 82°      | 75° | 68° |    |    |
| 26            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     | 26 |    |
| 28            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |    | 28 |
| 30            | 6.0                                      |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |    | 30 |
| 32            | 6.0                                      |     |     | 5.2      |     |     | 4.9      |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |    | 32 |
| 34            | 6.0                                      |     |     | 5.3      |     |     | 5.0      |     |     | 4.0      |     | 2.5 |          |     |     |          |     |     |               |          |     |     |    | 34 |
| 36            | 6.2                                      |     |     | 5.4      |     |     | 5.1      |     |     | 4.3      |     | 2.8 |          |     |     |          |     |     |               |          |     |     |    | 36 |
| 38            | 6.2                                      |     |     | 5.5      |     |     | 5.2      |     |     | 4.5      |     | 3.0 |          |     |     |          |     |     |               |          |     |     |    | 38 |
| 40            | 6.2                                      |     |     | 5.6      |     |     | 5.2      |     |     | 4.7      |     | 3.5 |          |     |     |          |     |     |               |          |     |     |    | 40 |
| 42            | 6.2                                      |     |     | 5.7      |     |     | 5.2      |     |     | 4.7      |     | 3.7 |          |     |     |          |     |     |               |          |     |     |    | 42 |
| 44            | 6.2                                      | 5.5 |     | 5.8      |     |     | 5.2      |     |     | 4.7      |     | 3.7 |          |     |     |          |     |     |               |          |     |     |    | 44 |
| 46            | 6.2                                      | 5.7 |     | 5.8      | 5.5 |     | 5.2      |     |     | 4.7      |     | 3.7 |          |     |     |          |     |     |               |          |     |     |    | 46 |
| 48            | 6.2                                      | 5.8 |     | 5.8      | 5.6 |     | 5.2      | 5.2 |     | 4.7      |     | 3.7 |          |     |     |          |     |     |               |          |     |     |    | 48 |
| 50            | 6.0                                      | 5.8 |     | 5.8      | 5.7 |     | 5.2      | 5.2 |     | 4.7      | 4.6 | 3.7 |          |     |     |          |     |     |               |          |     |     |    | 50 |
| 52            | 6.0                                      | 5.8 |     | 5.8      | 5.7 |     | 5.2      | 5.2 |     | 4.7      | 4.6 | 3.7 | 3.7      |     |     |          |     |     |               |          |     |     |    | 52 |
| 54            | 6.0                                      | 5.8 |     | 5.7      | 5.7 |     | 5.2      | 5.2 |     | 4.5      | 4.5 | 3.7 | 3.7      |     |     |          |     |     |               |          |     |     |    | 54 |
| 56            | 6.0                                      | 5.8 | 5.0 | 5.7      | 5.7 |     | 5.1      | 5.2 |     | 4.5      | 4.5 | 3.7 | 3.7      |     |     |          |     |     |               |          |     |     |    | 56 |
| 58            | 6.0                                      | 5.8 | 5.1 | 5.7      | 5.7 |     | 5.0      | 5.2 |     | 4.5      | 4.5 | 3.7 | 3.7      |     |     |          |     |     |               |          |     |     |    | 58 |
| 60            | 6.0                                      | 5.8 | 5.2 | 5.6      | 5.6 | 4.9 | 4.9      | 5.1 |     | 4.5      | 4.5 | 3.7 | 3.7      |     |     |          |     |     |               |          |     |     |    | 60 |
| 62            | 5.9                                      | 5.8 | 5.3 | 5.5      | 5.6 | 5.0 | 4.8      | 5.0 | 4.5 | 4.4      | 4.3 | 3.7 | 3.7      |     |     |          |     |     |               |          |     |     |    | 62 |
| 64            | 5.8                                      | 5.8 | 5.3 | 5.4      | 5.6 | 5.0 | 4.7      | 4.9 | 4.6 | 4.3      | 4.3 | 3.3 | 3.7      | 3.6 |     |          |     |     |               |          |     |     |    | 64 |
| 66            | 5.7                                      | 5.6 | 5.3 | 5.3      | 5.6 | 5.0 | 4.6      | 4.9 | 4.7 | 4.2      | 4.2 | 3.1 | 3.7      | 3.5 |     |          |     |     |               |          |     |     |    | 66 |
| 68            | 5.6                                      | 5.6 | 5.3 | 5.2      | 5.6 | 5.0 | 4.5      | 4.8 | 4.6 | 4.1      | 4.1 | 2.9 | 3.6      | 3.4 |     |          |     |     |               |          |     |     |    | 68 |
| 70            | 5.5                                      | 5.6 | 5.1 | 5.1      | 5.6 | 4.7 | 4.4      | 4.7 | 4.4 | 4.0      | 4.0 | 2.7 | 3.5      | 3.3 |     |          |     |     |               |          |     |     |    | 70 |
| 72            | 5.4                                      | 5.4 | 4.9 | 5.0      | 5.2 | 4.5 | 4.3      | 4.7 | 4.2 | 3.9      | 3.9 | 2.5 | 3.4      | 3.2 |     |          |     |     |               |          |     |     |    | 72 |
| 74            | 5.3                                      | 5.1 | 4.7 | 4.9      | 4.9 | 4.2 | 4.2      | 4.6 | 4.0 | 3.8      | 3.8 | 2.3 | 3.2      | 3.1 |     |          |     |     |               |          |     |     |    | 74 |
| 76            | 5.0                                      | 4.8 | 4.5 | 4.8      | 4.6 | 3.9 | 4.0      | 4.4 | 3.8 | 3.6      | 3.7 | 2.2 | 3.0      | 3.0 |     |          |     |     |               |          |     |     |    | 76 |
| 78            |  | 4.5 | 4.2 |          | 4.4 | 3.7 | 3.8      | 4.2 | 3.7 | 3.4      | 3.6 | 2.0 | 2.7      | 2.9 |     |          |     |     |               |          |     |     |    | 78 |
| 80            |  | 4.2 | 4.0 |          | 4.1 | 3.5 |          | 4.0 | 3.5 |          | 3.5 | 1.9 | 0.0      | 2.7 |     |          |     |     |               |          |     |     |    | 80 |
| 82            |  |     | 3.7 |          | 4.0 | 3.2 |          | 3.8 | 3.3 |          | 3.4 | 1.8 |          | 2.5 |     |          |     |     |               |          |     |     |    | 82 |
| 84            |  |     | 3.5 |          |     | 3.0 |          |     | 3.1 |          | 3.2 | 1.6 |          | 2.2 |     |          |     |     |               |          |     |     |    | 84 |
| 86            |  |     |     |          | 2.8 |     |          |     | 2.9 |          |     | 1.5 |          | 1.7 |     |          |     |     |               |          |     |     |    | 86 |
| 88            |  |     |     |          |     |     |          | 2.7 |     |          |     | 1.4 |          |     |     |          |     |     |               |          |     |     |    | 88 |
| 90            |  |     |     |          |     |     |          |     |     |          |     | 1.3 |          |     |     |          |     |     |               |          |     |     |    | 90 |
| 92            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |    | 92 |

\*adapter 3.5m+telescopic boom extension 3.5m

- Prerequisites:**
- ① Boom operating conditions( boom length + adapter+ tower jib length), max.length is 55.5m+7m+78m
  - ② The span of outriggers is 8.95m×8.6m
  - ③ 360°rotation is applied
  - ④ Counterweight is 100T
  - ⑤ Superlift angle of one-side unfold is 55°

| working range | Main boom+ Adapter+ Tower jib+ Superlift |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     | working range |          |     |     |  |    |
|---------------|--|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|---------------|----------|-----|-----|--|----|
|               | 35.4+7m*                                 |     |     | 40.4+7m* |     |     | 45.4+7m* |     |     | 50.5+7m* |     |     | 55.5+7m* |     |     | 60.6+7m* |     |     |               | 65.6+7m* |     |     |  |    |
|               | 82°                                      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° | 82°      | 75° | 68° |               | 82°      | 75° | 68° |  |    |
| 28            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 28 |
| 30            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 30 |
| 32            | 4.6                                      |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 32 |
| 34            | 4.6                                      |     |     | 4.3      |     |     | 3.5      |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 34 |
| 36            | 4.6                                      |     |     | 4.3      |     |     | 3.5      |     |     | 2.8      |     |     |          |     |     |          |     |     |               |          |     |     |  | 36 |
| 38            | 4.6                                      |     |     | 4.4      |     |     | 3.6      |     |     | 2.8      |     | 1.5 |          |     |     |          |     |     |               |          |     |     |  | 38 |
| 40            | 4.6                                      |     |     | 4.4      |     |     | 3.6      |     |     | 3.0      |     | 1.6 |          |     |     |          |     |     |               |          |     |     |  | 40 |
| 42            | 4.6                                      |     |     | 4.4      |     |     | 3.7      |     |     | 3.2      |     | 1.8 |          |     |     |          |     |     |               |          |     |     |  | 42 |
| 44            | 4.6                                      |     |     | 4.4      |     |     | 3.7      |     |     | 3.3      |     | 2.0 |          |     |     |          |     |     |               |          |     |     |  | 44 |
| 46            | 4.6                                      | 4.4 |     | 4.4      |     |     | 3.8      |     |     | 3.3      |     | 2.3 |          |     |     |          |     |     |               |          |     |     |  | 46 |
| 48            | 4.5                                      | 4.4 |     | 4.3      | 4.1 |     | 3.8      |     |     | 3.3      |     | 2.5 |          |     |     |          |     |     |               |          |     |     |  | 48 |
| 50            | 4.5                                      | 4.4 |     | 4.3      | 4.1 |     | 3.9      | 3.9 |     | 3.3      |     | 2.5 |          |     |     |          |     |     |               |          |     |     |  | 50 |
| 52            | 4.5                                      | 4.4 |     | 4.2      | 4.2 |     | 3.9      | 3.9 |     | 3.3      | 3.3 | 2.5 |          |     |     |          |     |     |               |          |     |     |  | 52 |
| 54            | 4.4                                      | 4.4 |     | 4.1      | 4.3 |     | 3.8      | 3.9 |     | 3.3      | 3.3 | 2.6 | 2.7      |     |     |          |     |     |               |          |     |     |  | 54 |
| 56            | 4.4                                      | 4.4 |     | 4.1      | 4.3 |     | 3.8      | 3.9 |     | 3.3      | 3.3 | 2.6 | 2.7      |     |     |          |     |     |               |          |     |     |  | 56 |
| 58            | 4.3                                      | 4.4 |     | 4.0      | 4.3 |     | 3.7      | 3.9 |     | 3.3      | 3.3 | 2.6 | 2.7      |     |     |          |     |     |               |          |     |     |  | 58 |
| 60            | 4.3                                      | 4.4 | 3.7 | 4.0      | 4.3 |     | 3.7      | 3.9 |     | 3.3      | 3.3 | 2.6 | 2.7      |     |     |          |     |     |               |          |     |     |  | 60 |
| 62            | 4.2                                      | 4.4 | 3.7 | 4.0      | 4.3 |     | 3.6      | 3.9 |     | 3.2      | 3.2 | 2.6 | 2.7      |     |     |          |     |     |               |          |     |     |  | 62 |
| 64            | 4.2                                      | 4.4 | 3.9 | 4.0      | 4.3 |     | 3.6      | 3.9 | 3.3 | 3.1      | 3.1 | 2.6 | 2.6      |     |     |          |     |     |               |          |     |     |  | 64 |
| 66            | 4.1                                      | 4.4 | 4.1 | 3.9      | 4.3 |     | 3.5      | 3.9 | 3.4 | 3.0      | 3.0 | 2.6 | 2.6      |     |     |          |     |     |               |          |     |     |  | 66 |
| 68            | 4.1                                      | 4.3 | 4.1 | 3.8      | 4.2 |     | 3.4      | 3.8 | 3.4 | 2.9      | 3.0 | 2.5 | 2.6      | 2.4 |     |          |     |     |               |          |     |     |  | 68 |
| 70            | 4.0                                      | 4.2 | 4.1 | 3.7      | 4.1 |     | 3.3      | 3.7 | 3.4 | 2.8      | 3.0 | 2.4 | 2.4      | 2.4 |     |          |     |     |               |          |     |     |  | 70 |
| 72            | 3.9                                      | 4.1 | 4.1 | 3.6      | 4.0 |     | 3.2      | 3.7 | 3.4 | 2.7      | 3.0 | 2.2 | 2.2      | 2.3 |     |          |     |     |               |          |     |     |  | 72 |
| 74            | 3.9                                      | 4.0 | 4.0 | 3.5      | 3.8 | 3.3 | 3.1      | 3.6 | 3.3 | 2.6      | 3.0 | 2.1 | 2.1      | 2.3 |     |          |     |     |               |          |     |     |  | 74 |
| 76            | 3.8                                      | 3.9 | 3.9 | 3.4      | 3.6 | 3.1 | 2.9      | 3.6 | 3.2 | 2.5      | 3.0 | 1.9 | 2.0      | 2.3 |     |          |     |     |               |          |     |     |  | 76 |
| 78            | 3.8                                      | 3.8 | 3.8 | 3.3      | 3.4 | 3.0 | 2.8      | 3.6 | 3.1 | 2.4      | 2.8 | 1.8 | 1.9      | 2.2 |     |          |     |     |               |          |     |     |  | 78 |
| 80            | 3.7                                      | 3.7 | 3.6 | 3.2      | 3.2 | 2.8 | 2.7      | 3.5 | 3.0 | 2.3      | 2.8 | 1.6 | 1.8      | 2.2 |     |          |     |     |               |          |     |     |  | 80 |
| 82            | 3.5                                      | 3.6 | 3.4 | 3.1      | 3.0 | 2.5 | 2.5      | 3.4 | 2.9 | 2.2      | 2.8 | 1.5 | 1.7      | 2.2 |     |          |     |     |               |          |     |     |  | 82 |
| 84            |  | 3.5 | 3.2 |          | 2.8 | 1.8 |          | 3.3 | 2.8 | 2.0      | 2.8 | 1.4 | 1.5      | 2.2 |     |          |     |     |               |          |     |     |  | 84 |
| 86            |  | 3.3 | 3.0 |          | 2.6 | 1.1 |          | 3.2 | 2.7 |          | 2.8 | 1.2 |          | 2.2 |     |          |     |     |               |          |     |     |  | 86 |
| 88            |  |     | 2.8 |          | 2.3 | 2.3 |          | 3.0 | 2.6 |          | 2.7 | 1.1 |          | 2.1 |     |          |     |     |               |          |     |     |  | 88 |
| 90            |  |     | 2.6 |          |     |     |          |     | 2.4 |          | 2.6 | 1.0 |          | 2.0 |     |          |     |     |               |          |     |     |  | 90 |
| 92            |  |     |     |          |     |     |          |     | 2.2 |          |     |     |          | 2.0 |     |          |     |     |               |          |     |     |  | 92 |
| 94            |  |     |     |          |     |     |          |     | 2.0 |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 94 |
| 96            |  |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     |     |               |          |     |     |  | 96 |

\*adapter 3.5m+telescopic boom extension 3.5m











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