



SCC7500A

Crawler Crane 750 Tons Lifting Capacity

Quality Changes the World



Max. lifting moment: 10000t · m
Max. boom length: 108m
Max. luffing jib combination: 96m+96m

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



Crawler Crane Series SCC7500A

P03

Main
Characteristics

- Product Specification
- Safety Devices

P10

Technical
Parameters

- Main Performance Parameters
- Outline Dimension
- Transport Dimension
- Self-Assembly and Disassembly plan
- Assembly Schematics

P27

Cofigurations

- H Configuration
- HDB Configuration
- HJ Configuration
- HJ_4 Configuration
- HJDB Configuration
- HJDB_4 Configuration
- HJDB_5 Configuration
- HJDB_7 Configuration
- HJDB_9 Configuration
- FJ Configuration
- FJDB Configuration
- HJFJ Configuration
- HJFJ_4 Configuration
- HJFJDB Configuration
- HJFJDB_4 Configuration
- HJFJDB_5 Configuration
- HJFJDB_7 Configuration
- HJFJDB_9 Configuration
- HJFJDB_SY3 Configuration
- LJ Configuration
- LJDB Configuration



SCC7500A
SANY CRAWLER CRANE
750 TONS LIFTING CAPACITY

QUALITY CHANGES THE WORLD

Main Characteristics

- Page 04 Product Specification
- Page 08 Safety Devices



Product Specification



Engine

- Model: Cummins QSX15-C600 Diesel engine;
- Type: 4-stroke, water-cooled, vertical in-line 6 cylinders, direct injection, turbo-charger, intercooler, complied with European Off-highway Tier III Emission Standard and Chinese Off-highway Tier III Emission Standard.
- Displacement: 15L;
- Rated power: 447kW/1800rpm;
- Max. Torque: 2542N·m/1400rpm;
- Starter: 24V-8.25kW;
- Radiator: fin type aluminum plate core;
- Air cleaner: Dry type system with main filter element, safety element and resistance indicator;
- Throttle: Grip type hand throttle, electrically-controlled;
- Fuel filter: Replaceable paper element;
- Batteries: Two 12V×180Ah capacity batteries, connected in series;
- Fuel tank capacity: 1000L

Electrical control system

- Self-developed SYIC-II integrated control system is adopted with higher integration, precise operation and reliable quality;
- Control system consists of power system, engine system, main control system, LMI system, auxiliary system and safety monitoring system. CAN BUS is used for data communication between controller, monitor and the engine.
- Monitor: the working parameters and status are shown on the monitor, such as the engine speed, fuel volume, engine oil pressure, servo pressure, wind speed, engine working hours, LMI data, ground bearing pressure, control handle function, alarm information, failure self-diagnosis;
- Remote Monitoring System: newly developed APP can collect equipment status at any time anywhere. Online functions such as smart maintenance reminder, failure alarm, construction data feeding, one-click service request, equipment health management are available, which makes the information more transparent and instant;
- Remote Control System: all main mechanisms and assisting cylinders can be controlled through remote control box as an optional feature. The monitor can show data of engine and LMI to ensure smarter, easier and safer operation.

Hydraulic system

- Main pumps: five 125CC close piston pumps of variable displacement are adopted to provide oil supply for main actuators of main machine.
- Gear pump: two dual-gear pumps for boosting oil for close-circuit system, oil radiator, A/C control circuit;
- Control: closed main pump adopts electrical proportional bi-directional control; winch motor adopts limitless adjustable piston motor of variable displacement. The operating components are two one-way electrical control handle, one dual-travel electrically controlled pedal to control various actuators proportionally.
- Way of cooling: air-cooled heat exchanger, fan core and multi-stage cooling.
- Filter: large flow, high precision filter, with bypass valve and transmitter, which can remind the user to replace the filter element in time.
- Max. pressure of system:
- Main/aux. load hoist, boom/jib hoist, superlift luffing and travel system: 33MPa
- Superlift counterweight, self-assembly cylinder: 31.5MPa
- Swing system: 30MPa
- Servo system: 4MPa
- Hydraulic Tank Capacity: 1045L

Load hoisting mechanism

- A variable hydraulic motor drives the planetary gear reducer to control the lifting and lowering of main hoists I and II. Meanwhile, the infinitely variable displacement ensures the excellent acceleration of hoisting power of main hoist I and II.
- Lifting capacity below 325t needs only one hoist, while two hoists must be applied simultaneously when the capacity exceeds 325t. Synchronization function of main hoists I and II is available;
- The maximum parts of line is 48. Multi-layer winding for drum with fold-line grooves can avoid rope disorder. Reducer is featured with low noise, high efficiency, long service life, and convenient oil change.

| | | |
|--------------------------------|--|------------|
| Main Hoisting Mechanism W1-1 | Drum diameter | 630mm |
| | Rope speed on the outermost work layer | 0~130m/min |
| | Wire rope diameter | 28mm |
| | Wire rope length of main hoist | 1180m |
| Main Hoisting Mechanism 1 W1-2 | Rated single line pull | 17.1t |
| | Drum diameter | 630mm |
| Main Hoisting Mechanism 2 W2 | Rope speed on the outermost work layer | 0~120m/min |
| | Wire rope diameter | 28mm |
| | Wire rope length of auxiliary hoist | 665m |
| | Rated single line pull | 17.1t |



Product Specification

Luffing mechanism

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

| | | |
|---------------------------------|--|------------|
| Main and Auxiliary Mechanism W3 | Drum diameter | 630mm |
| | Rope speed on the outermost work layer | 0~112m/min |
| | Steel rope diameter | 28mm |
| | Steel rope length of main luffing | 680m |
| Auxiliary Luffing W4 | Drum diameter | 630mm |
| | Rope speed on the outermost work layer | 0~120m/min |
| | Steel rope diameter | 28mm |
| | Steel rope length of auxiliary luffing | 960m |
| Superlift Luffing W5 | Drum diameter | 630mm |
| | Rope speed on the outermost work layer | 0~125m/min |
| | Steel rope diameter | 28mm |
| | Steel rope length of superlift luffing | 1150m |

Swing mechanism

- Swing brake adopts wet, spring loaded, normally-closed brake, and braking through spring force;
- Swing system adopts closed system with free slipping function. It is featured in steady starting and control, and excellent inching function.
- Swing drive: external engaged swing drive with 360° swing range, and the max. swing speed is 1.0r/min. The max. drive pressure can reach 33MPa.
- Swing lock: cylinder lock can ensure the upperworks locked securely after work or during transport;
- Swing ring: three-row roller bearing

Cab and control

- Novel operator's cab with fashionable profile, nice interior and large window glass, which can tilt up by 20° to provide panorama view. There are low and high-beam lights, back-view mirror, heater and A/C, radio and other functions. The layout of seat, handles, control buttons are designed with ergonomic principles to make operation more comfortable.
- Cab layout: Integrated 10.4-inch touch screen, two monitors, standard vibration handle, and man-machine interaction interface are more improved.
- Armrest box: on the left and right armrest box are control handles, electrical switches, emergent stop and ignition switch. The armrest box can be adjusted along with the seat.
- Seat: multi-way and multi-level floating adjustable seat with unload switch.
- A/C: cool and heat air; optimized air channels and vents.
- Multiple cameras can present on the monitor at the same time to realize backing video, real-time monitoring of hook working, travel area, winch and wire rope reeving conditions.

Counterweight

- The counterweight includes: carbody counterweight, rear counterweight, superlift counterweight.
- Carbody counterweight: 70t(with tray), rear counterweight: 210t(with tray), superlift counterweight: 360t(with tray).

Upperworks

- High-strength steel weld framework, with no torsion or deformation. The parts are laid out in the way that is easier for maintenance and service.

Product Specification



Carbody

- The hydraulic cylinder drives power pin to be connected with track frame to facilitate the assembly and disassembly. Frame structures are welded by high-strength steel. Larger chassis design greatly improves the stability of the crane. The self-assembled carbody counter weight is 70t, with 35t at both front and the rear.

Crawler assembly

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

One-key leveling of outriggers

- With the machine gravity calculated in real time, the outrigger balance is detected by the cylinder pressure sensor, the outriggers can be adjusted to level state by one key to reduce assembly time and improve efficiency.

Boom

- The boom is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load;
- The length of the boom ranges from that (24m) of the base boom to the maximum length (108m, with superlift mast) and it can be increased progressively by 6m;
- Composition: boom base 10.5m×1, transitional insert 12m×1, connecting tip (boom top) 1.5m×1, insert section 6m×2, and insert section 12m×6;
- The extension jib shall be installed on the boom top.

Fixed jib

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

Luffing jib

- The luffing jib is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load;
- The length of the luffing jib ranges from 24m to 96m;
- Composition: jib base 10.5m×1, tapered section boom 6m×1, jib insert 6m×2, jib insert 12m×5, and jib top 7.5m×1;
- The extension jib shall be installed on the luffing jib top.



Product Specification

Superlift device

- The superlift mast is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load;
- The superlift mast is 36m, 42m;
- Composition: mast base 12m×1, insert section 12m×1, 6m×1 and boom top 12m×1.

Power boom

- The strengthened boom is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load;
- The boom length ranges from 48m to 108m;
- Composition: boom base: 12m×1, boom insert: 12m×7, boom top:12m×1.

Super power boom

- The superlift jib is a spatial lattice structure with equal section areas for inserts and tapered section areas for both ends. With pipes welded together, and boom tip and root strengthened with steel plates, it can better transfer the load;
- Boom length:42m;
- Composition: boom base: 3m×1, boom top:3m×1, boom insert: 36m(six 12m boom insert, each two combined in parallel).

Hook

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

| Name of Hook | Max. Lifting Capacity (t) | Quantity | Pulleys | Unit Weight (t) |
|---------------|---------------------------|----------|---------|-----------------|
| 650t hook | 650 | 1 | 2×13 | 20.2 |
| 350t hook | 350 | 1 | 2×7 | 10.5 |
| 180t hook | 180 | 1 | 2×3 | 6.3 |
| 150t hook | 150 | 1 | 5 | 4.75 |
| 50t hook | 50 | 1 | 1 | 1.4 |
| 18t ball hook | 18 | 1 | - | 1 |

Note: the 650t hook can be decomposed to 325t hook.

Additional attachments:

- Side outriggers for erection aid;
- Lowerworks jack cylinders;
- Crawler self-assembly cylinder (on the boom hoist mast);
- Portable power pack;
- Quick connector between upperworks and lowerworks.

Operating weight

- The operating weight is about 518t, including the upperworks, lowerworks, rear counterweight of basic machine, carbody counter weight, 24m basic boom and 650t hook.

Ground pressure

- The average ground pressure of machine with basic boom is 0.15MPa.

Gradeability

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

Safety Devices



Load moment limiter

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

Over-hoist protection of the main and auxiliary hooks

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

Over-release protection device of the main and auxiliary hook

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

Boom angle limit

- When the elevation angle of the boom exceeds 85° or jib angle exceeds 75° , corresponding limit switch will be triggered, and the control system will automatically cut off the boom hoisting. Meanwhile, the display and the buzzer will give alarm. At this moment, boom/jib luffing winch won't hoist but it can still lower down.
- When the lowering angle of the boom and the jib is respectively less than 30° and 15°, the lowering of the boom will be automatically stopped by the control system. Meanwhile, the display and the buzzer will give an alarm. At this moment, the lowering of relative boom will be limited, and such protection function will be automatically controlled by the moment limiter.

Back-stop device

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

Brake of hoisting mechanism

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

Closed circuit monitoring system

- The system is fitted with dual screens and multi-cameras; Each screen can display four videos at the same time, monitoring the roping of each winch, superlifting status and the surroundings.
- The record equipped can reserve the videos for 76 hours at most.
- The operation status will be recorded.

Fault auto-diagnosis system

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



Safety Devices

Black box

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

Pharos

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

Anemometer

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

Electronic level indicator

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

Lightning protection device

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

Boom angle indicator

- It is a pendulum-type angle indicator fixed on one side of the boom base.

Hook latch

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

Swing and traveling alarm

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

Function lock

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

Regulation of engine power ultimate load and stalling protection

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

Remote monitoring system

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

Proactive safety control technology

- Swing speed can be automatically reduced based on boom length to make it safer;
- Flexible safety protection reduces the speed when the mechanism approaches to the safety limit position, which ensures reliability;
- Real-time monitor of hydraulic oil temperature allows limits on the action speed based on oil temperature, which protect the hydraulic components effectively;
- The protection can be set on man-machine interface as customer needs.



SCC7500A
SANY CRAWLER CRANE
750 TONS LIFTING CAPACITY

QUALITY CHANGES THE WORLD

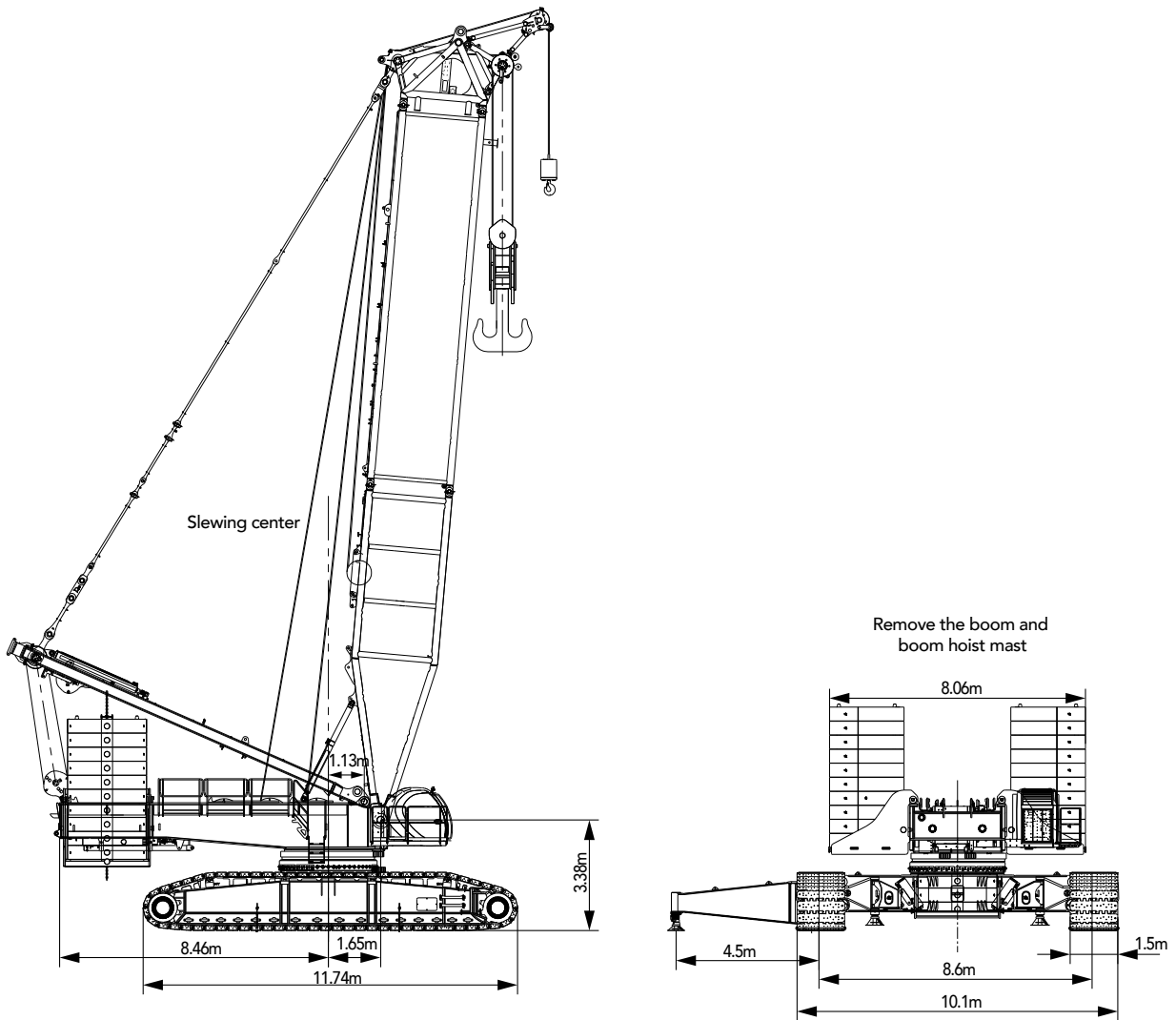
Technical Parameters

- Page 11 Main Performance Parameters
- Page 12 Outline Dimension
- Page 14 Transport Dimension
- Page 23 Self-Assembly and Disassembly plan
- Page 24 Assembly Schematics

> 10

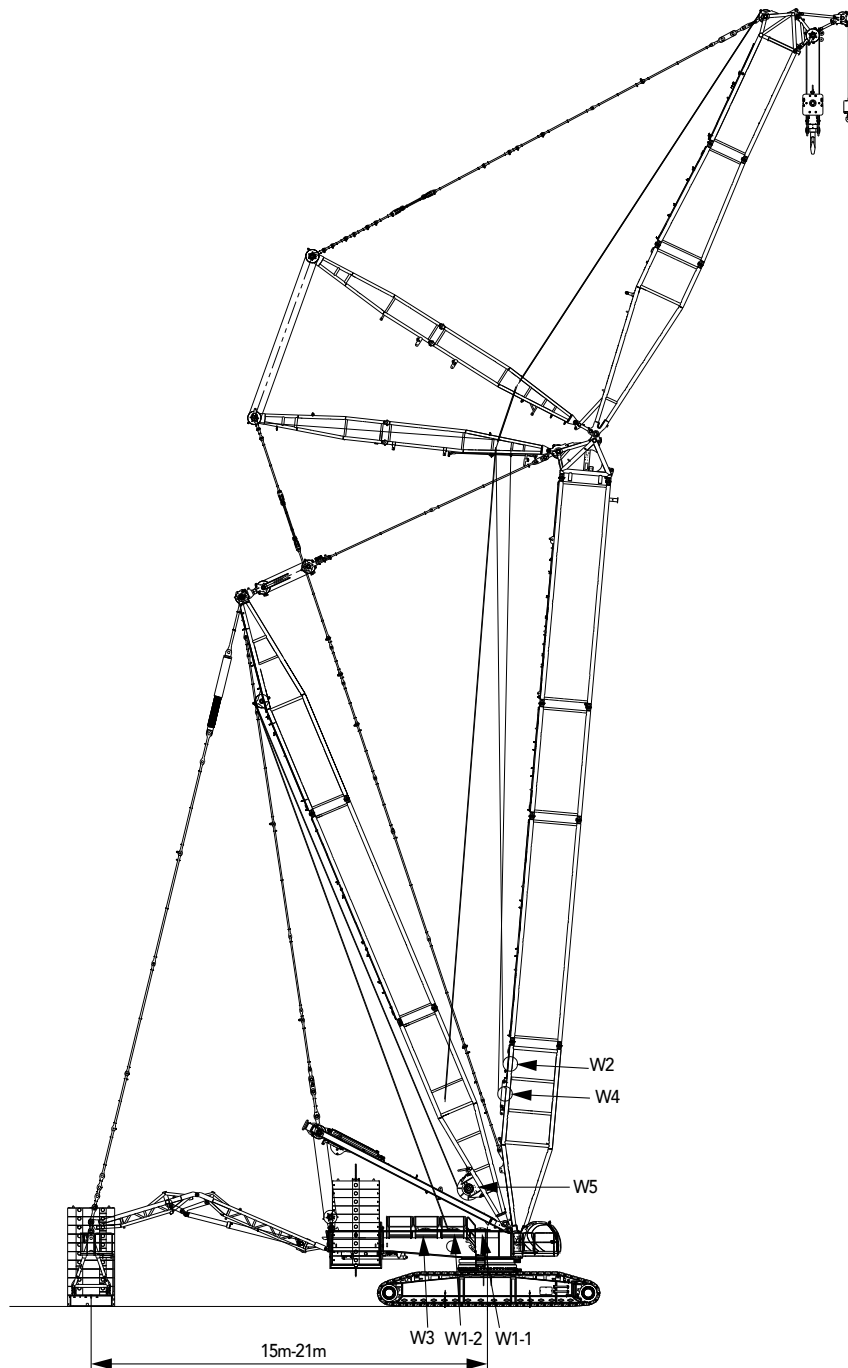
Main Performance Parameters

| Major Performance & Specifications of SCC7500A | | |
|---|----------|---|
| Performance Indicators | Unit | Parameter |
| Max. rated lifting capacity | t | 650 (5.5m working radius) |
| Max. rated lifting capacity (with superlift) | t | 750 (8m working radius) |
| Max. rated lifting moment (with superlift) | t·m | 10000 |
| Boom length | m | 24~96 |
| Boom length (with superlift) | m | 42~108 |
| Length of mixed boom | m | 66~114 |
| Length of mixed boom (with superlift) | m | 90~144 |
| Length of luffing jib | m | 24~96 |
| Length of fixed short jib | m | 12 |
| Combination of longest booms (LJDB working condition) | m | 96+96 |
| Longest boom + jib of wind turbine working condition (without superlift) | m | 114+12 |
| Longest boom+ jib of wind turbine working condition (with superlift + power boom) | m | 165+12 |
| Longest mixed boom (with superlift + power boom) | m | 165 |
| Boom luffing angle | ° | 30~85 |
| Jib luffing angle | ° | 15~75 |
| Fixed jib luffing angle | ° | 10/15/20 |
| Max. speed of single rope of the main hoist (outermost work layer) | m/min | 130 |
| Max. speed of single rope of the auxiliary hoist (outermost work layer) | m/min | 120 |
| Max. speed of single rope of the boom luffing (outermost work layer) | m/min | 56×2 |
| Max. speed of single rope of the jib luffing (outermost work layer) | m/min | 120 |
| Max. speed of single rope of the superlift luffing (outermost work layer) | m/min | 125 |
| Swing speed (no load) | r/min | 0.8 |
| Travel speed | km/h | 0~1.0 (high speed) / 0~0.3 (low speed) |
| Gradeability (with base boom, driver's cab backwards) | % | 15 |
| Rated output power of the engine | kW/r/min | 447/1800 |
| Crane weight (basic boom, 210t rear counterweight, 70t carbody counter weight, and 650t hook) | t | 518 |
| Average ground pressure of the track (basic boom, 210t rear counterweight, 70t carbody counter weight, and 650t hook) | MPa | 0.15 |
| Rear counterweight of the basic machine | t | 210 |
| Superlift counterweight (including tray) | t | 360 |
| Carbody counter weight | t | 70 |
| Max. transport dimension of single part(L × W × H) | mm | 13370×3000×2520 |
| Max. transport weight of single part (with separator) | t | 45 |

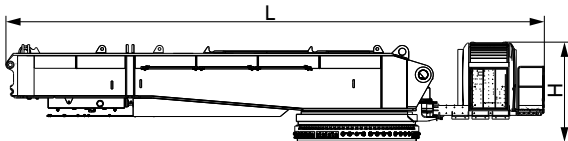
Outline Dimension

Unit: mm

Outline Dimension

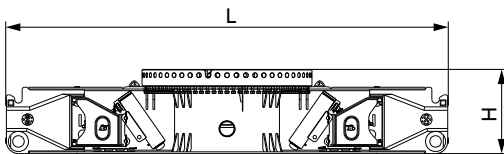


Transport Dimension



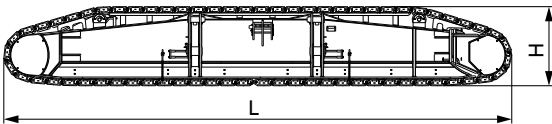
Basic machine (Upperworks and lowerworks separated) ×1

| | |
|------------|--------|
| Length (L) | 13.37m |
| Width (W) | 3.00m |
| Height (H) | 2.52m |
| Weight | 45.0t |



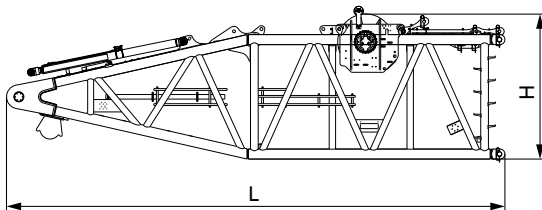
Carbody (Upperworks and lowerworks separated) ×1

| | |
|------------|-------|
| Length (L) | 7.68m |
| Width (W) | 3.00m |
| Height (H) | 1.46m |
| Weight | 29.0t |



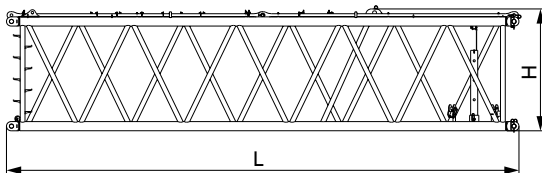
Crawler assembly ×2

| | |
|------------|--------|
| Length (L) | 11.81m |
| Width (W) | 1.72m |
| Height (H) | 1.85m |
| Weight | 42.0t |



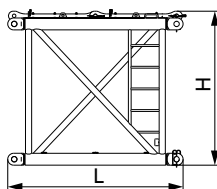
Boom base (H2) ×1

| | |
|------------|--------|
| Length (L) | 10.90m |
| Width (W) | 3.00m |
| Height (H) | 3.20m |
| Weight | 20.8t |



12m transition boom (H4) ×1

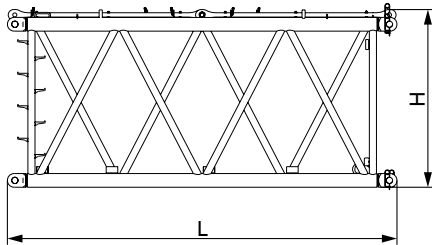
| | |
|---------------------------------------|--------|
| Length (L) | 12.24m |
| Width (W) | 2.99m |
| Height (H) | 2.90m |
| Weight (with auxiliary luffing hoist) | 9.0t |



3m boom insert ×1

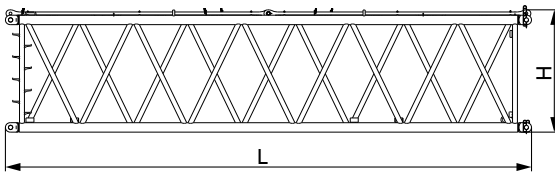
| | |
|------------|-------|
| Length (L) | 3.24m |
| Width (W) | 2.99m |
| Height (H) | 2.84m |
| Weight | 2.68t |

Transport Dimension



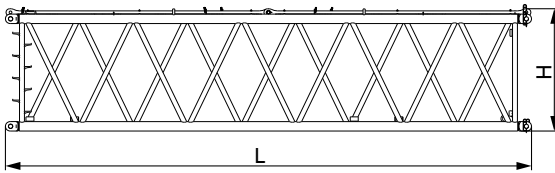
6m boom insert (H6) ×2

| | |
|------------|-------|
| Length (L) | 6.24m |
| Width (W) | 2.99m |
| Height (H) | 2.84m |
| Weight | 4.7t |



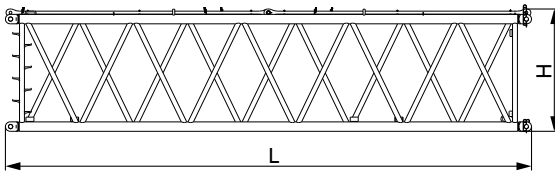
12m boom insert B (H8B) ×2

| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 2.99m |
| Height (H) | 2.84m |
| Weight | 8.5t |



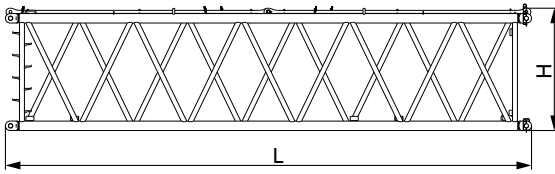
12m boom insert C (H8C) ×2

| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 2.99m |
| Height (H) | 2.84m |
| Weight | 7.5t |



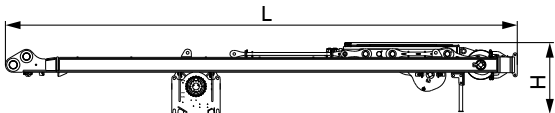
12m boom insert D (H8D) ×1

| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 2.99m |
| Height (H) | 2.84m |
| Weight | 6.8t |



12m boom insert (H8E) ×1

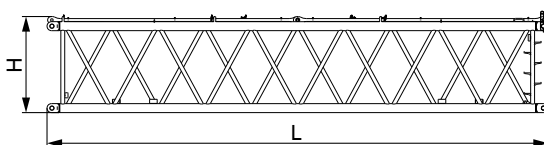
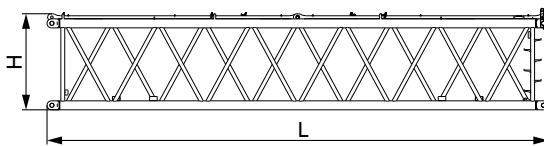
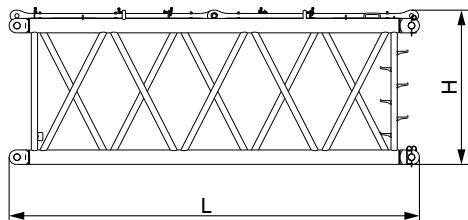
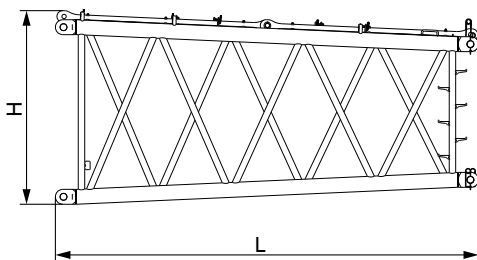
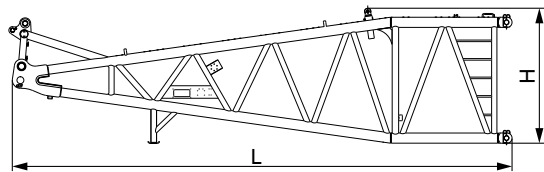
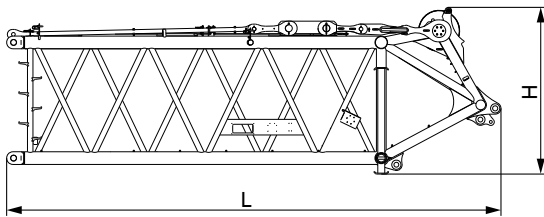
| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 2.99m |
| Height (H) | 2.84m |
| Weight | 6.8t |



Boom luffing mast ×1

| | |
|---------------------------------------|--------|
| Length (L) | 12.40m |
| Width (W) | 2.41m |
| Height (H) | 1.72m |
| Weight (including main luffing winch) | 20.4t |

Transport Dimension



Luffing jib top (LJ1) ×1

| | |
|------------|-------|
| Length (L) | 8.55m |
| Width (W) | 2.57m |
| Height (H) | 2.88m |
| Weight | 6.5t |

Luffing jib base (LJ2) ×1

| | |
|------------|--------|
| Length (L) | 10.80m |
| Width (W) | 2.99m |
| Height (H) | 2.91m |
| Weight | 8.0t |

6m jib tapered section (LJ4) ×1

| | |
|------------|-------|
| Length (L) | 6.20m |
| Width (W) | 2.99m |
| Height (H) | 2.85m |
| Weight | 3.2t |

6m luffing jib insert (LJ6) ×2

| | |
|------------|-------|
| Length (L) | 6.20m |
| Width (W) | 2.64m |
| Height (H) | 2.34m |
| Weight | 3.1t |

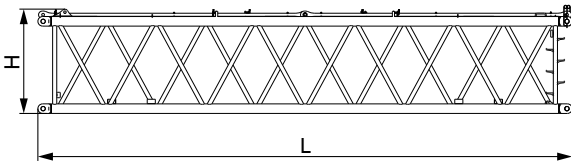
12m luffing jib insert A (LJ8A) ×1

| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 2.64m |
| Height (H) | 2.34m |
| Weight | 5.3t |

12m luffing jib insert B (LJ8B) ×2

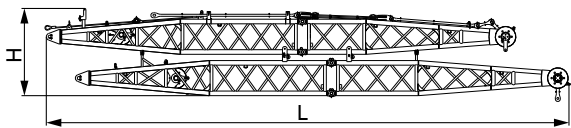
| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 2.64m |
| Height (H) | 2.34m |
| Weight | 5.0t |

Transport Dimension



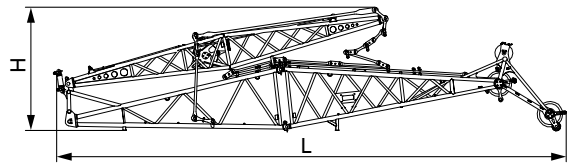
12m luffing jib insert C (LJ8C) ×1

| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 2.64m |
| Height (H) | 2.39m |
| Weight | 5.0t |



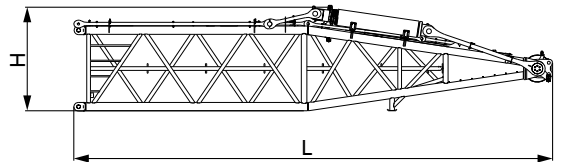
Front and rear masts of luffing jib ×1

| | |
|------------|--------|
| Length (L) | 18.00m |
| Width (W) | 2.54m |
| Height (H) | 3.00m |
| Weight | 15.4t |



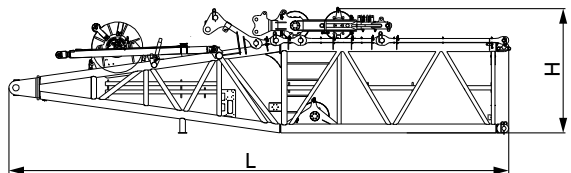
Fixed jib assembly ×1

| | |
|------------|--------|
| Length (L) | 14.18m |
| Width (W) | 2.48m |
| Height (H) | 3.19m |
| Weight | 6.4t |



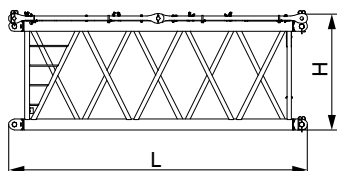
Superlift mast top (D1) ×1

| | |
|------------|--------|
| Length (L) | 12.51m |
| Width (W) | 2.99m |
| Height (H) | 2.72m |
| Weight | 14.6t |



Superlift mast base (D2) ×1

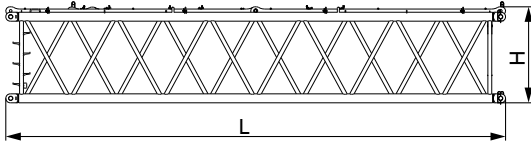
| | |
|------------|--------|
| Length (L) | 12.30m |
| Width (W) | 2.99m |
| Height (H) | 3.05m |
| Weight | 25.0t |



6m superlift mast insert ×1

| | |
|------------|-------|
| Length (L) | 6.24m |
| Width (W) | 2.94m |
| Height (H) | 2.38m |
| Weight | 4.6t |

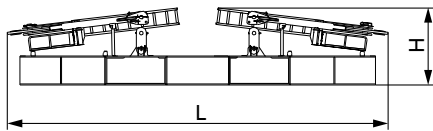
Transport Dimension



12m superlift mast insert (D3)

×1

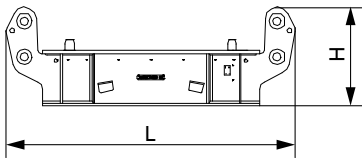
| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 2.94m |
| Height (H) | 2.38m |
| Weight | 8.2t |



Superlift counterweight frame (tray 1)

×1

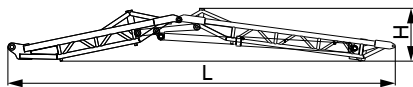
| | |
|------------|--------|
| Length (L) | 9.25m |
| Width (W) | 2.61m |
| Height (H) | 1.87m |
| Weight | 27.55t |



Superlift counterweight frame (tray 2)

×1

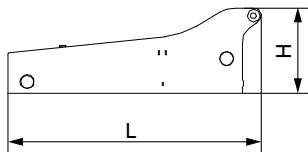
| | |
|------------|-------|
| Length (L) | 3.14m |
| Width (W) | 2.50m |
| Height (H) | 1.07m |
| Weight | 5.8t |



Superlift counterweight strut

×1

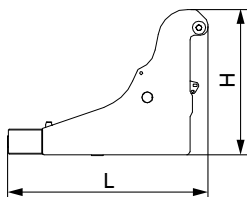
| | |
|------------|--------|
| Length (L) | 13.30m |
| Width (W) | 3.00m |
| Height (H) | 1.81m |
| Weight | 9.6t |



Carbody counterweight tray

×2

| | |
|------------|-------|
| Length (L) | 3.28m |
| Width (W) | 2.98m |
| Height (H) | 1.10m |
| Weight | 15.0t |

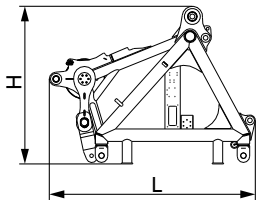


Rear counterweight tray

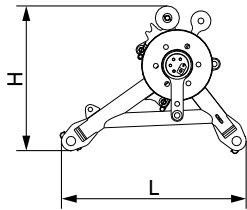
×2

| | |
|------------|-------|
| Length (L) | 3.30m |
| Width (W) | 2.94m |
| Height (H) | 2.40m |
| Weight | 15.0t |

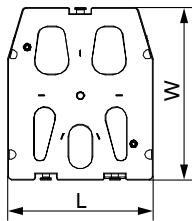
Transport Dimension



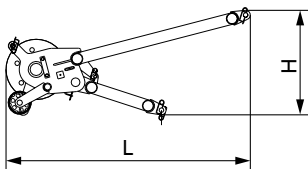
| Connection tip | ×1 |
|----------------|-------|
| Length (L) | 3.63m |
| Width (W) | 2.99m |
| Height (H) | 2.77m |
| Weight | 6.1t |



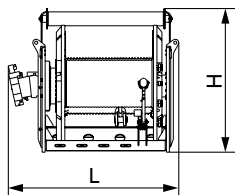
| Pulley assembly | ×2 |
|-----------------|-------|
| Length (L) | 1.84m |
| Width (W) | 1.67m |
| Height (H) | 1.44m |
| Weight | 2.3t |



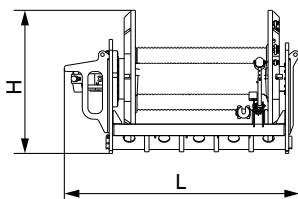
| 10t counterweight block | ×55 |
|-------------------------|--------|
| Length (L) | 2.40m |
| Width (W) | 2.85m |
| Height (H) | 0.484m |
| Weight | 10.0t |



| Boom extension (HT) | ×1 |
|---------------------|-------|
| Length (L) | 2.60m |
| Width (W) | 1.07m |
| Height (H) | 1.11m |
| Weight | 0.45t |

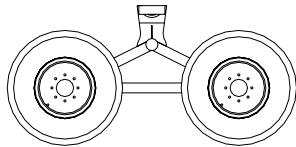


| Jib luffing winch | ×1 |
|-------------------|-------|
| Length (L) | 1.71m |
| Width (W) | 1.50m |
| Height (H) | 1.44m |
| Weight | 6.3t |



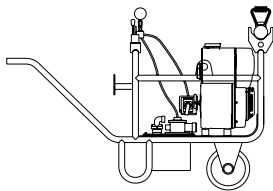
| Main load hoisting winch | ×2 |
|--------------------------|-------|
| Length (L) | 1.94m |
| Width (W) | 1.34m |
| Height (H) | 1.28m |
| Weight | 7.3t |

Transport Dimension



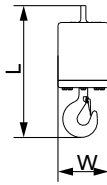
Trolley ×1

| | |
|------------|-------|
| Length (L) | 3.30m |
| Width (W) | 2.00m |
| Height (H) | 1.61m |
| Weight | 1.9t |



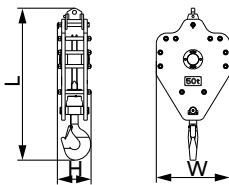
Portable power pack ×1

| | |
|------------|-------|
| Length (L) | 1.55m |
| Width (W) | 0.70m |
| Height (H) | 1.09m |
| Weight | 0.2t |



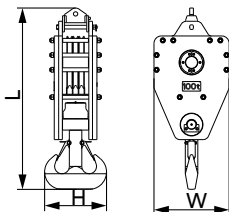
18t ball hook ×1

| | |
|------------|-------|
| Length (L) | 1.30m |
| Width (W) | 0.50m |
| Height (H) | 0.50m |
| Weight | 1.0t |



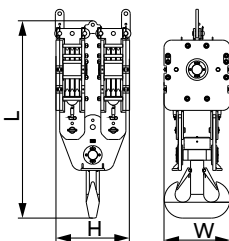
50t hook ×1

| | |
|------------|-------|
| Length (L) | 2.20m |
| Width (W) | 1.06m |
| Height (H) | 0.50m |
| Weight | 1.42t |



150t hook ×1

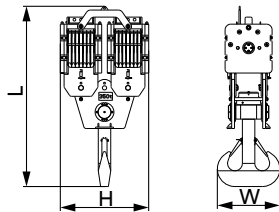
| | |
|------------|-------|
| Length (L) | 2.50m |
| Width (W) | 1.06m |
| Height (H) | 0.90m |
| Weight | 4.75t |



180t hook ×1

| | |
|------------|-------|
| Length (L) | 3.20m |
| Width (W) | 1.07m |
| Height (H) | 1.19m |
| Weight | 7.94t |

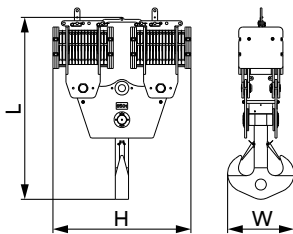
Transport Dimension



350t hook

×1

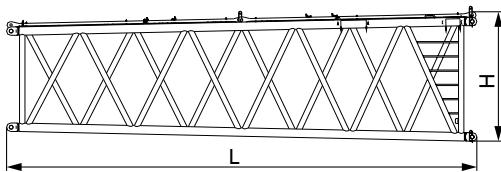
| | |
|------------|--------|
| Length (L) | 3.84m |
| Width (W) | 1.33m |
| Height (H) | 1.88m |
| Weight | 10.48t |



650t hook

×1

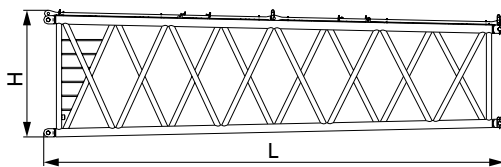
| | |
|------------|-------|
| Length (L) | 4.61m |
| Width (W) | 1.68m |
| Height (H) | 3.50m |
| Weight | 20.2t |



12m lower transition section (ZH4A)

×1

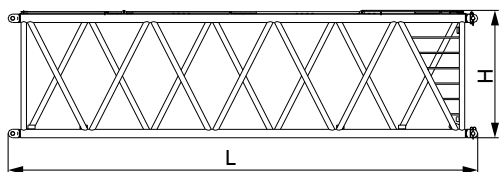
| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 3.50m |
| Height (H) | 3.32m |
| Weight | 11.1t |



12m upper transition section (ZH4B)

×1

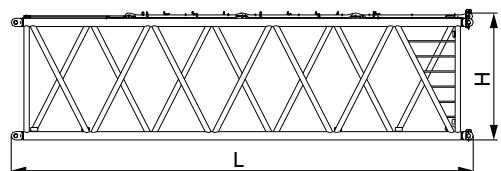
| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 3.50m |
| Height (H) | 3.32m |
| Weight | 8.5t |



12m insert of power boom A (ZH8A)

×2

| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 3.50m |
| Height (H) | 3.32m |
| Weight | 9.1t |

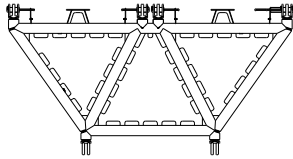


12m insert of power boom B (ZH8B)

×5

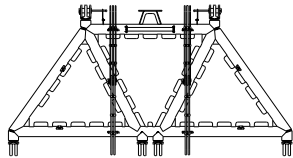
| | |
|------------|--------|
| Length (L) | 12.20m |
| Width (W) | 3.50m |
| Height (H) | 3.32m |
| Weight | 8.6t |

Transport Dimension



Lower transition section of power boom ×1

| | |
|------------|-------|
| Length (L) | 3.24m |
| Width (W) | 6.10m |
| Height (H) | 2.91m |
| Weight | 6.5t |



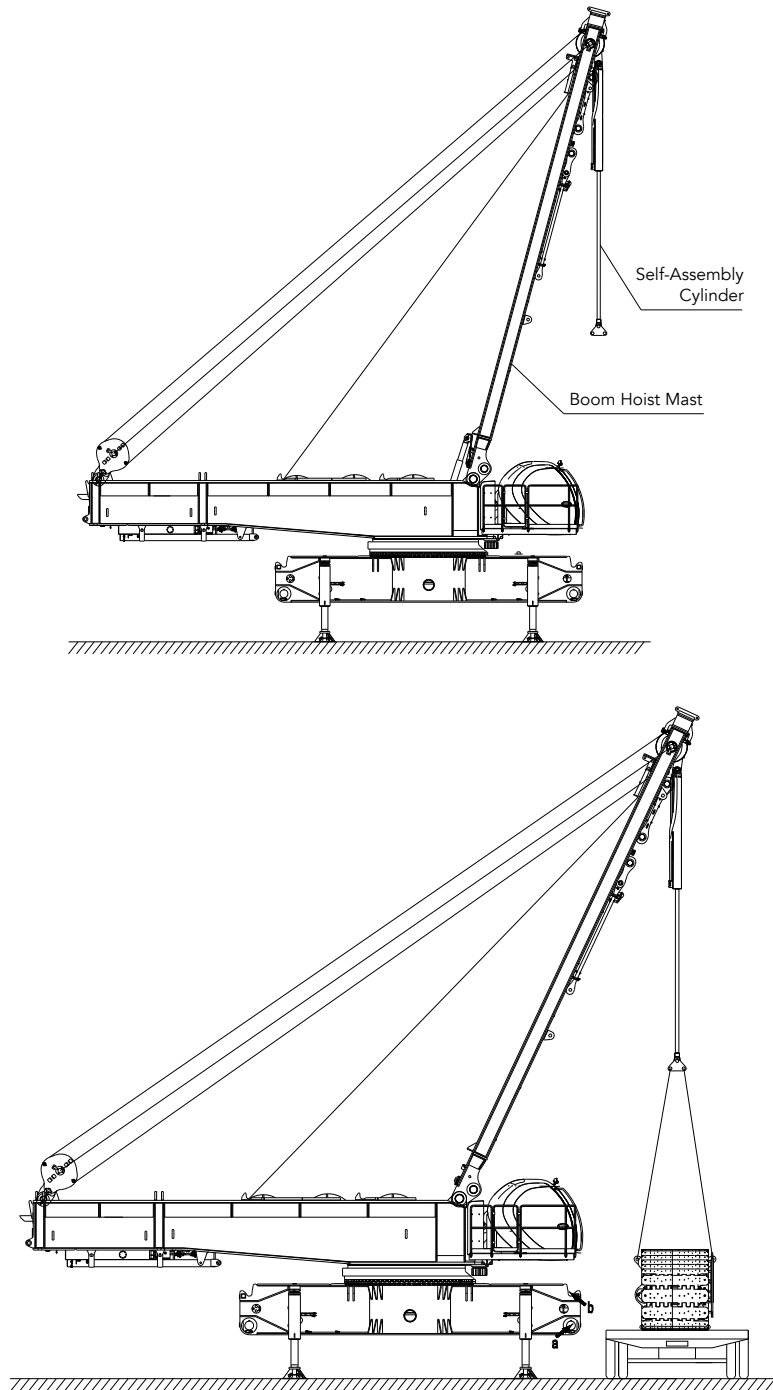
Upper transition section of power boom ×1

| | |
|------------|-------|
| Length (L) | 3.24m |
| Width (W) | 6.10m |
| Height (H) | 2.81m |
| Weight | 6.3t |

Note:

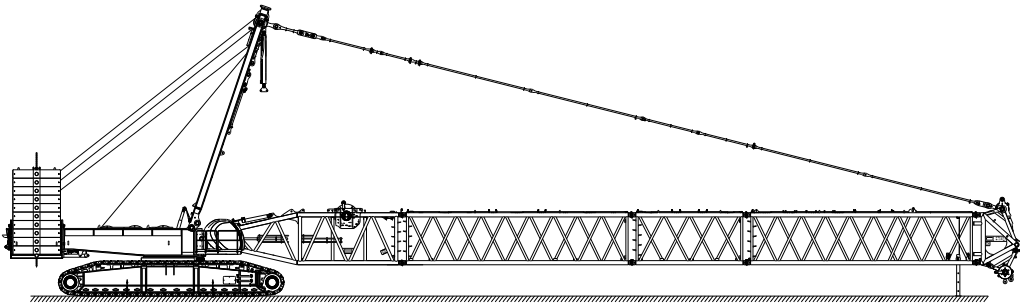
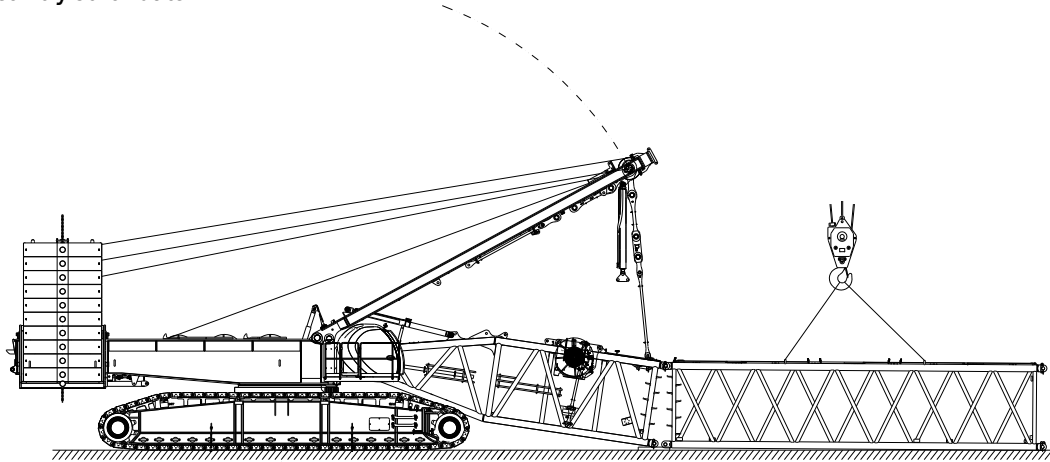
1. The transport dimensions of each part in the table are schematic, not proportional to the real parts. The dimensions are designed value without package considered.
2. Weight is designed value that the actual manufactured part may deviate a little.
3. The dimensions and weight of each part may change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

Self-Assembly and Disassembly plan

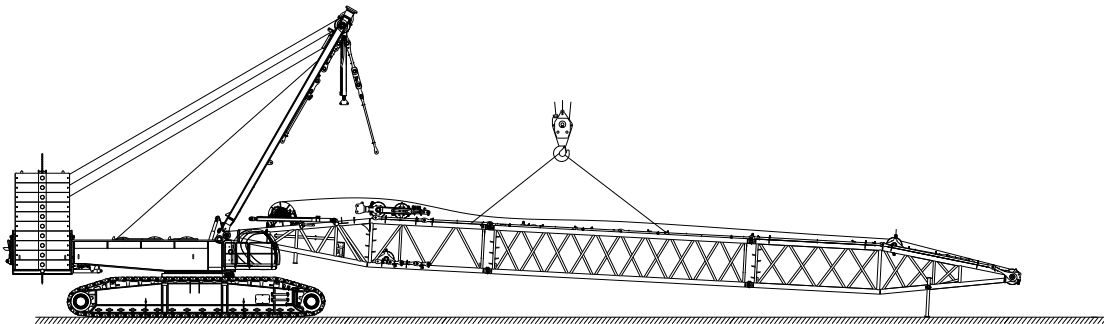


Assembly Schematics

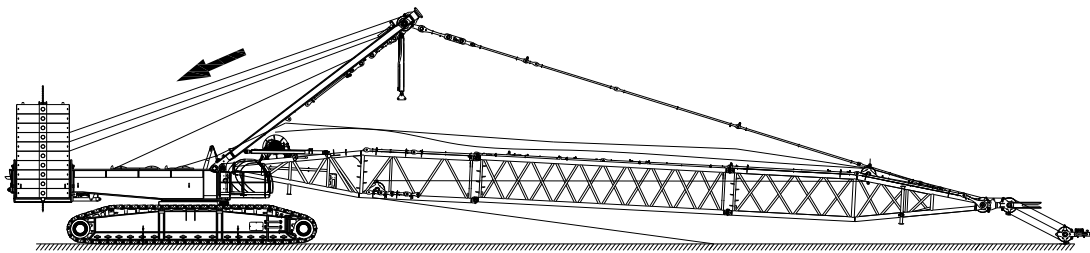
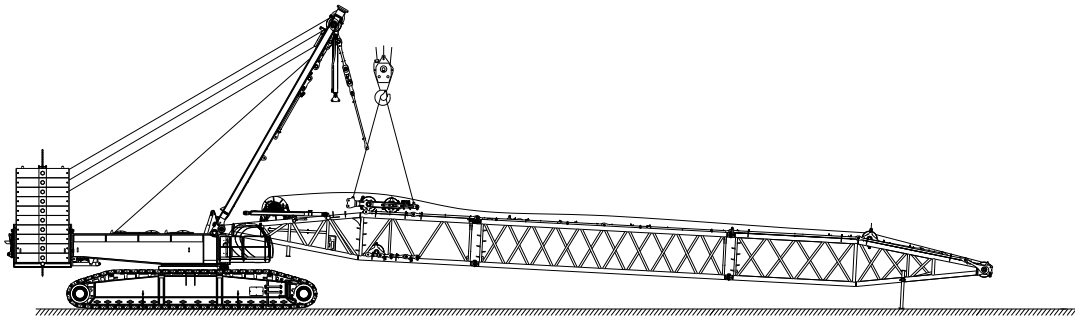
1) Boom Assembly Schematics



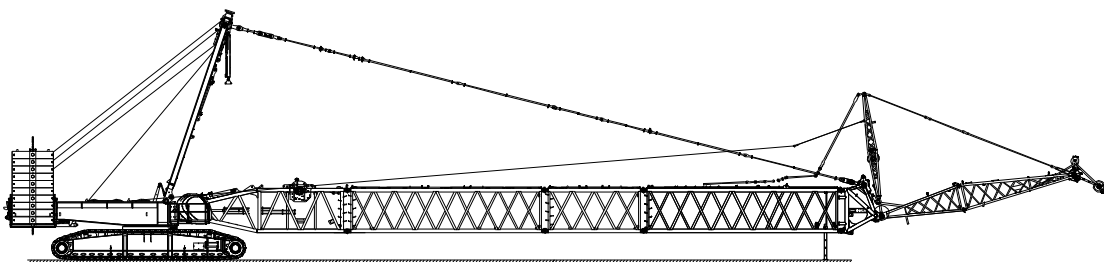
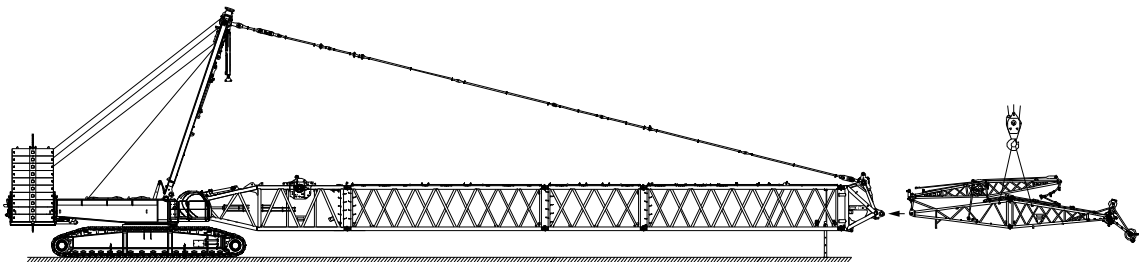
2) Superlift Mast Assembly



Assembly Schematics

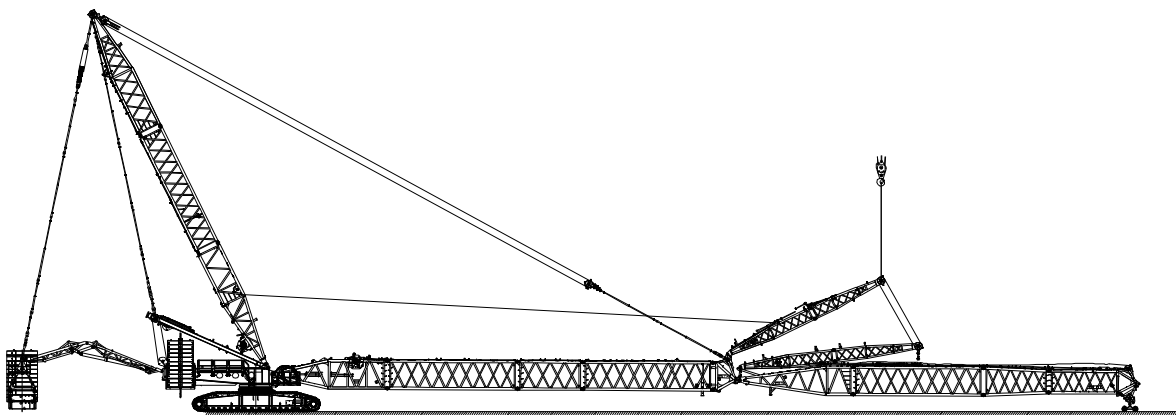
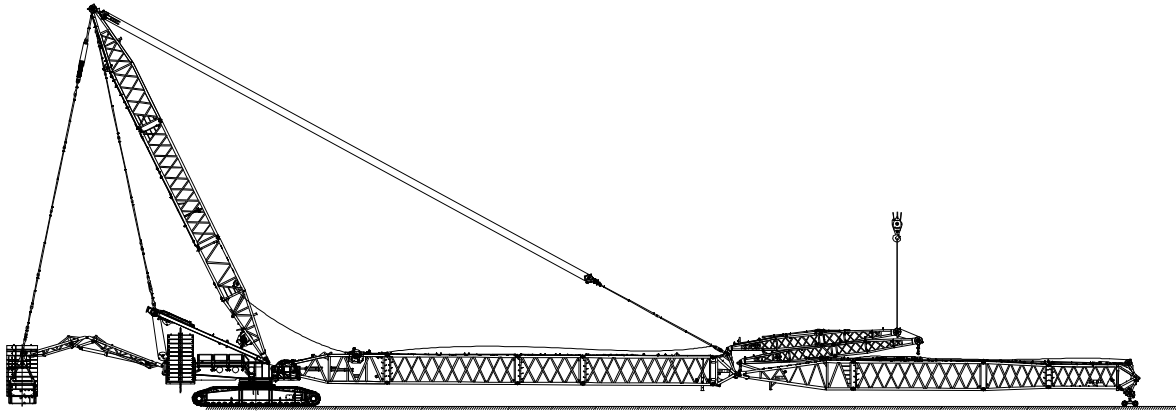


3) Fixed Jib Assembly Schematics

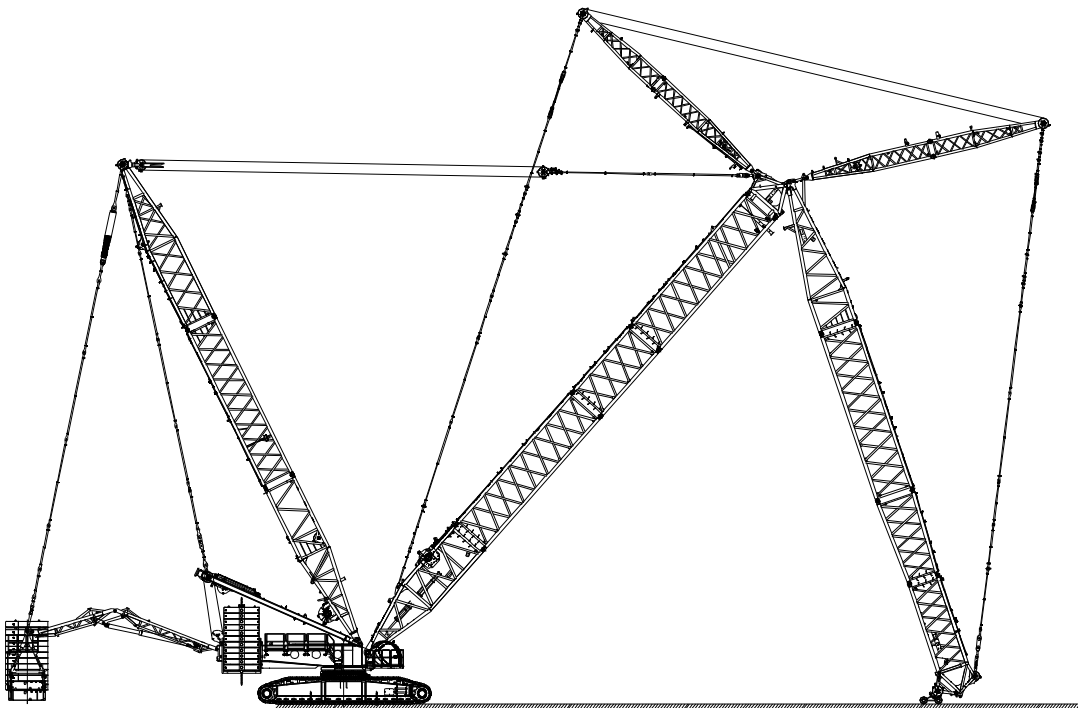
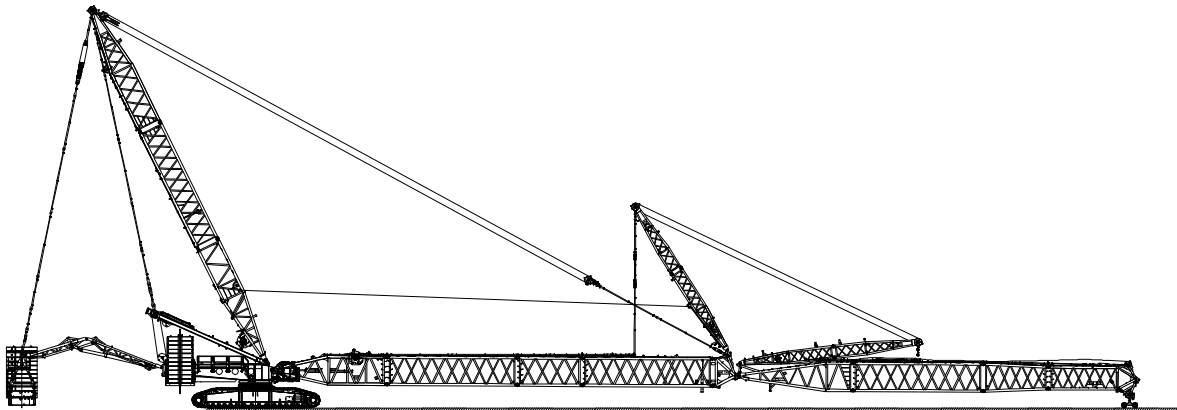


Assembly Schematics

4) Luffing Jib Assembly Schematics



Assembly Schematics



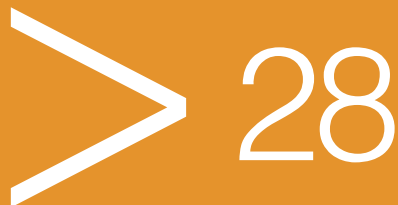


SCC7500A SANY CRAWLER CRANE 750 TONS LIFTING CAPACITY

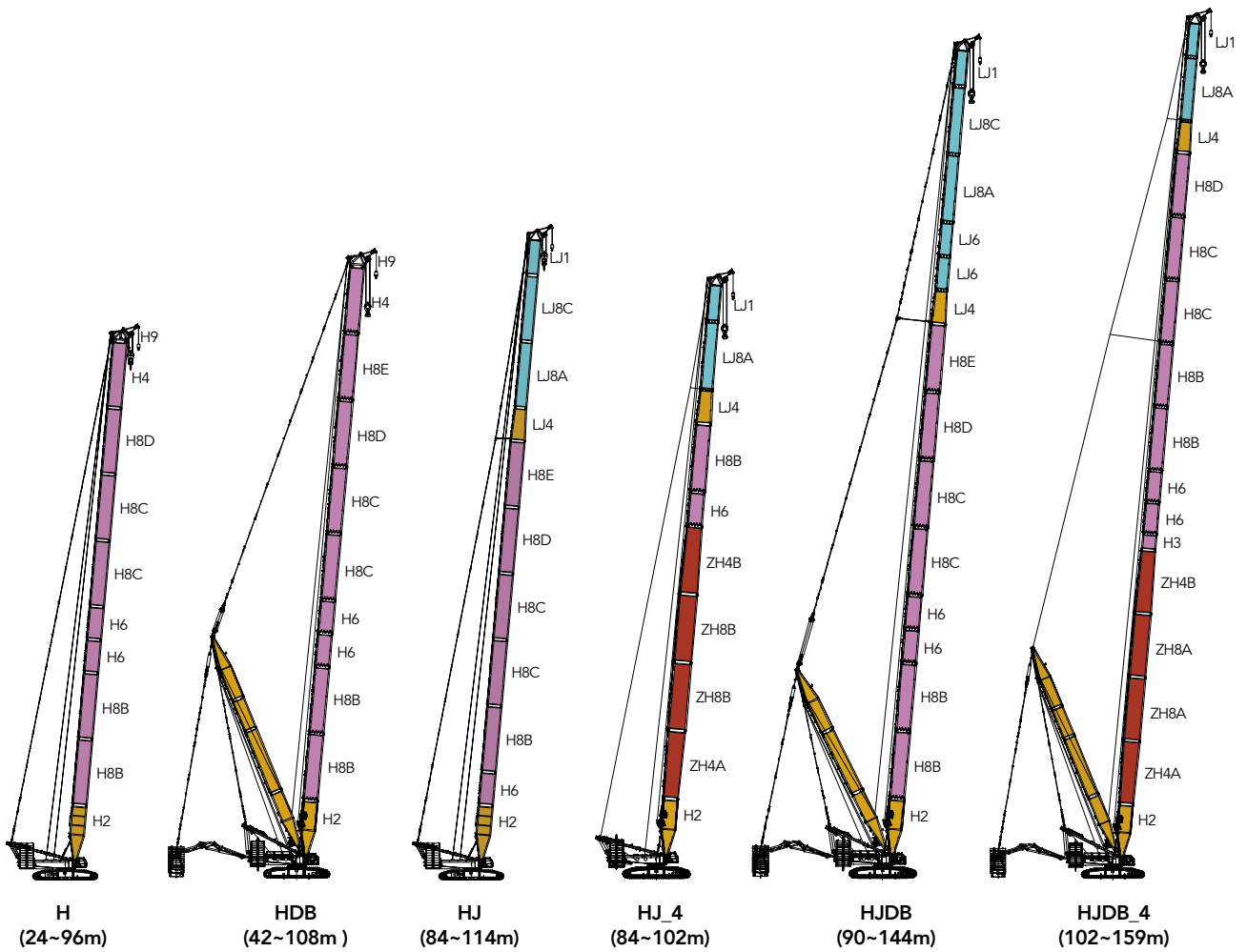
QUALITY CHANGES THE WORLD

Cofigurations

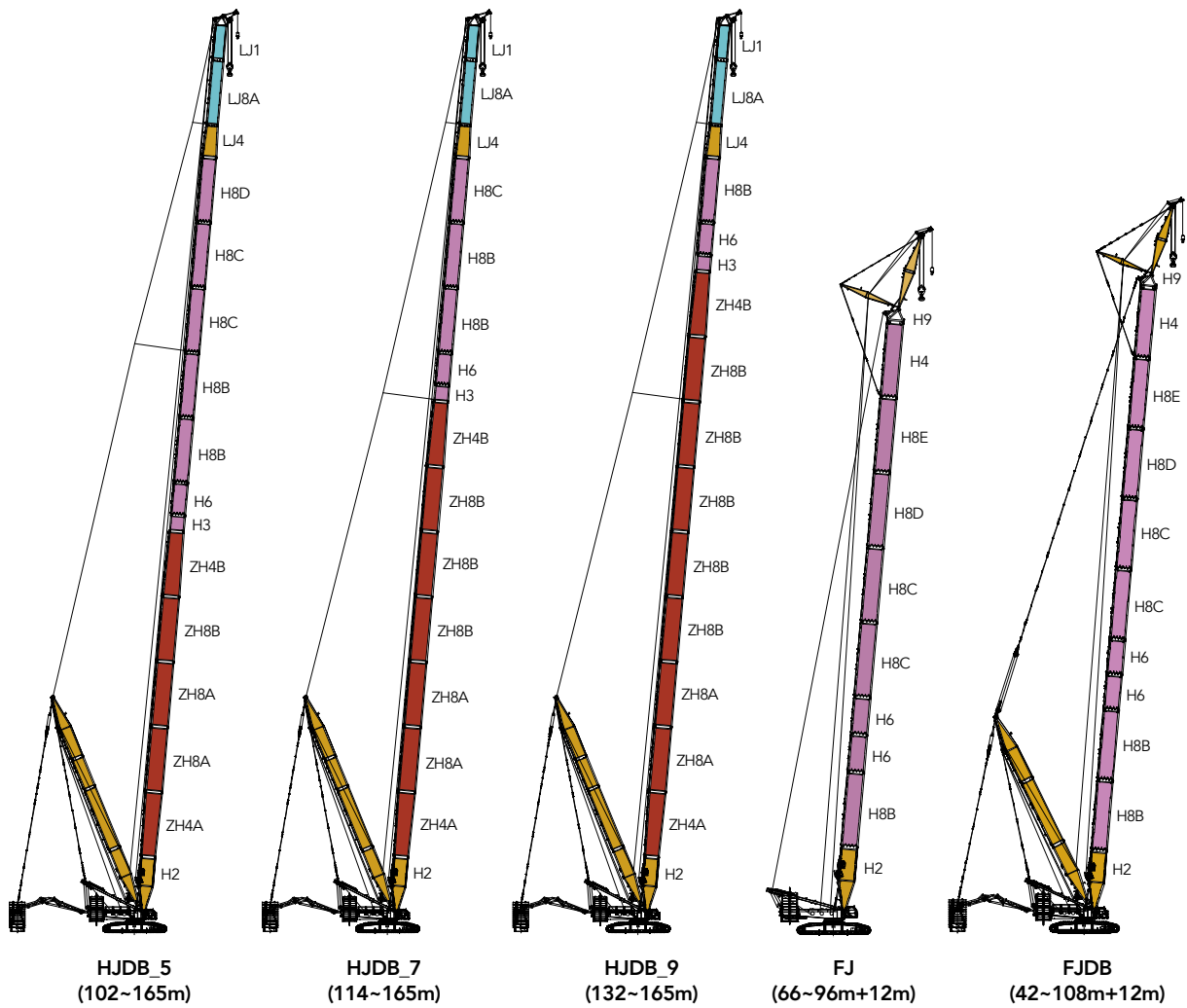
- Page 33 H Configuration
- Page 36 HDB Configuration
- Page 39 HJ Configuration
- Page 42 HJ_4 Configuration
- Page 45 HJDB Configuration
- Page 48 HJDB_4 Configuration
- Page 52 HJDB_5 Configuration
- Page 56 HJDB_7 Configuration
- Page 59 HJDB_9 Configuration
- Page 62 FJ Configuration
- Page 67 FJDB Configuration
- Page 72 HJFJ Configuration
- Page 77 HJFJ_4 Configuration
- Page 82 HJFJDB Configuration
- Page 87 HJFJDB_4 Configuration
- Page 92 HJFJDB_5 Configuration
- Page 100 HJFJDB_7 Configuration
- Page 105 HJFJDB_9 Configuration
- Page 110 HJFJDB_SY3 Configuration
- Page 115 LJ Configuration
- Page 124 LJDB Configuration



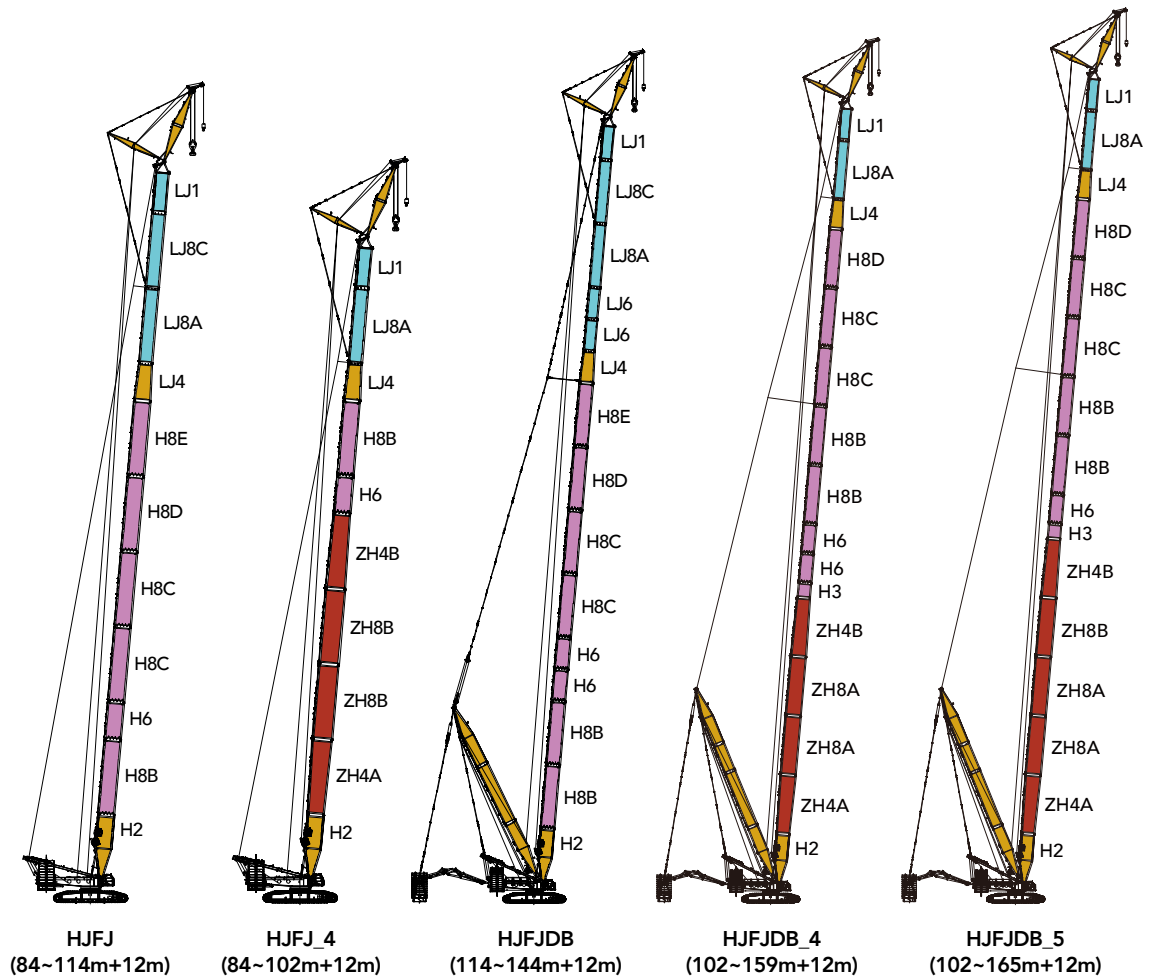
Combination



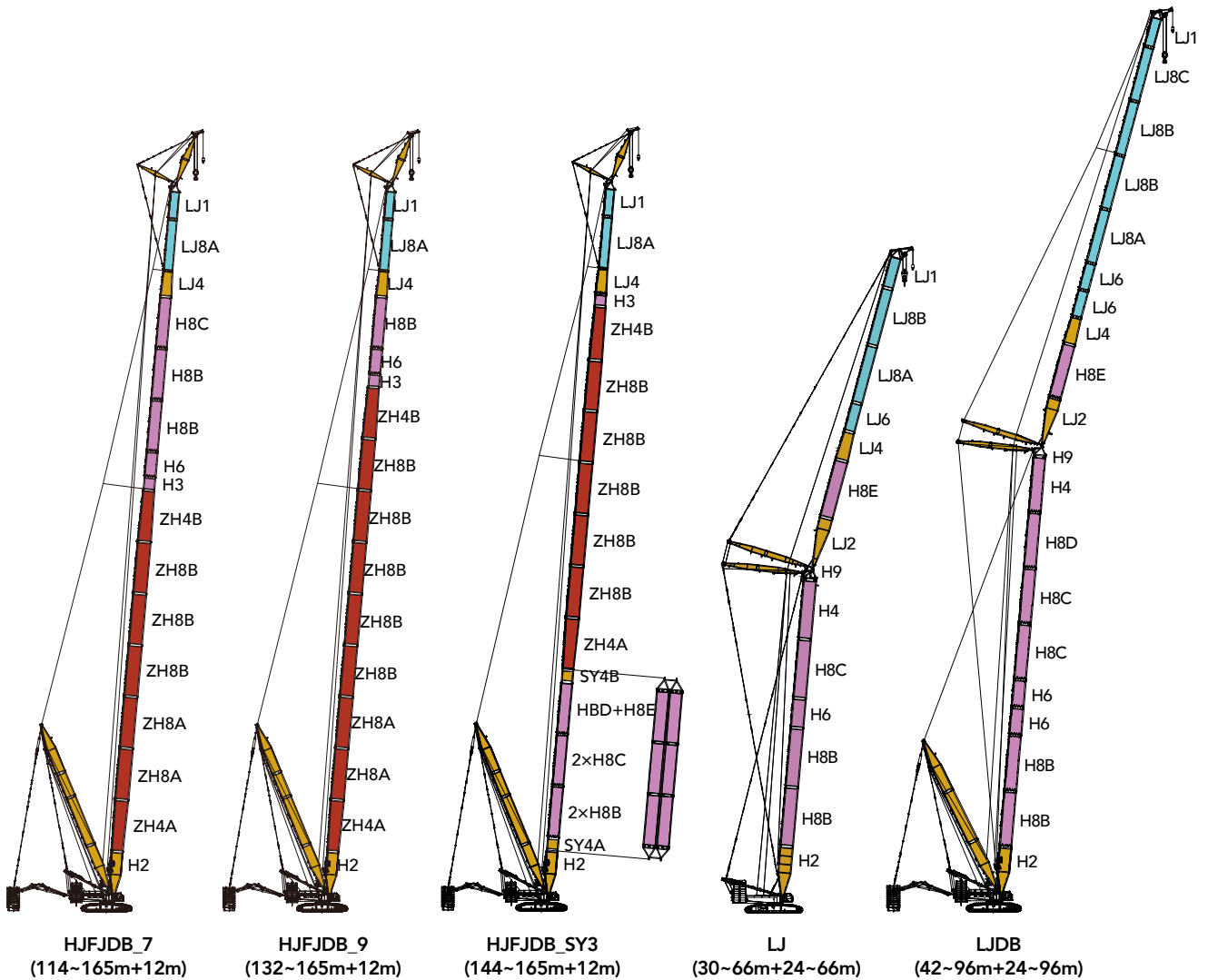
Combination



Combination



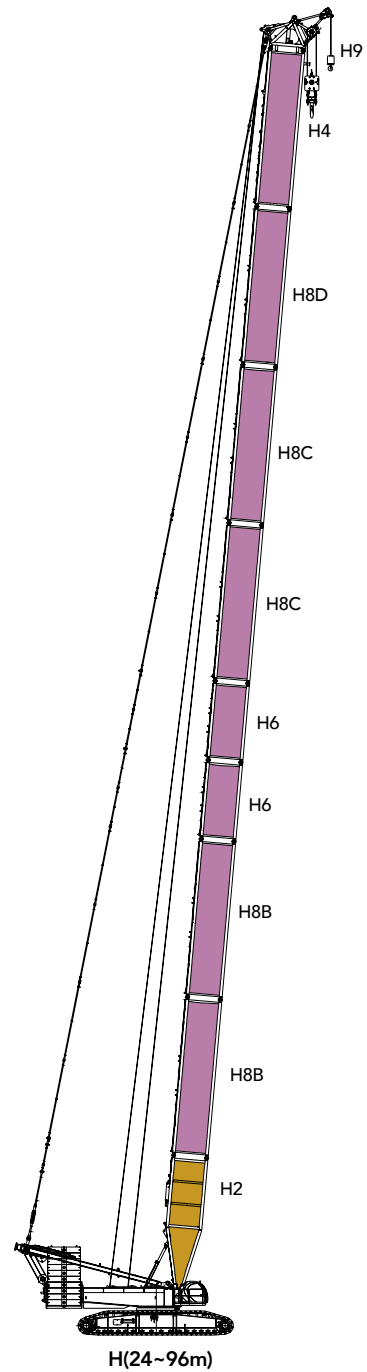
Combination



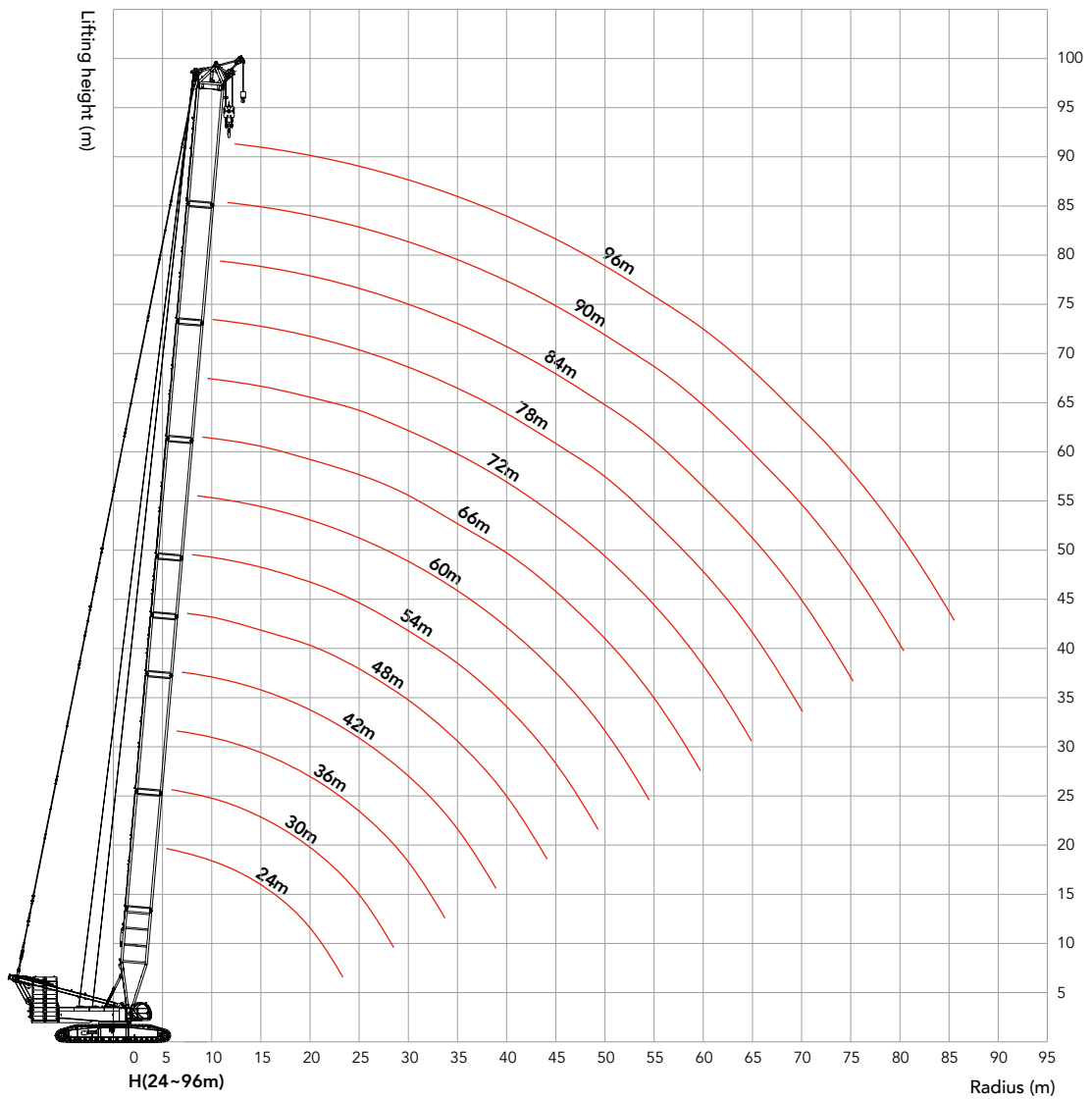
H Boom Combination

| H Boom combination | | |
|--------------------|--------|-----|
| Boom length(m) | Insert | |
| | 6m | 12m |
| 24 | - | - |
| 30 | 1 | - |
| 36 | 2 | - |
| 42 | 1 | 1 |
| 48 | 2 | 1 |
| 54 | 1 | 2 |
| 60 | 2 | 2 |
| 66 | 1 | 3 |
| 72 | 2 | 3 |
| 78 | 1 | 4 |
| 84 | 2 | 4 |
| 90 | 1 | 5 |
| 96 | 2 | 5 |

Note: 24m basic boom consists 10.5 boom base, 12m transition section and connection boom tip.



Working Radius of H Configuration



Unit: t

Load Chart of H Configuration

All load charts are calculated based on the following notes:

1. The rated capacity listed in the load charts are in compliance with EN13000.
2. The maximum allowable wind speed for the rated load is 9.8m/s.
3. The rated capacity listed in all load charts includes the weight of hook, wire rope and other riggings, therefore, the actual rated capacity shall deduct the weight of these components.
4. The rated load of the main hook with extension jib equals to the value in the load table deducting 1t as the equivalent weight of extension jib.

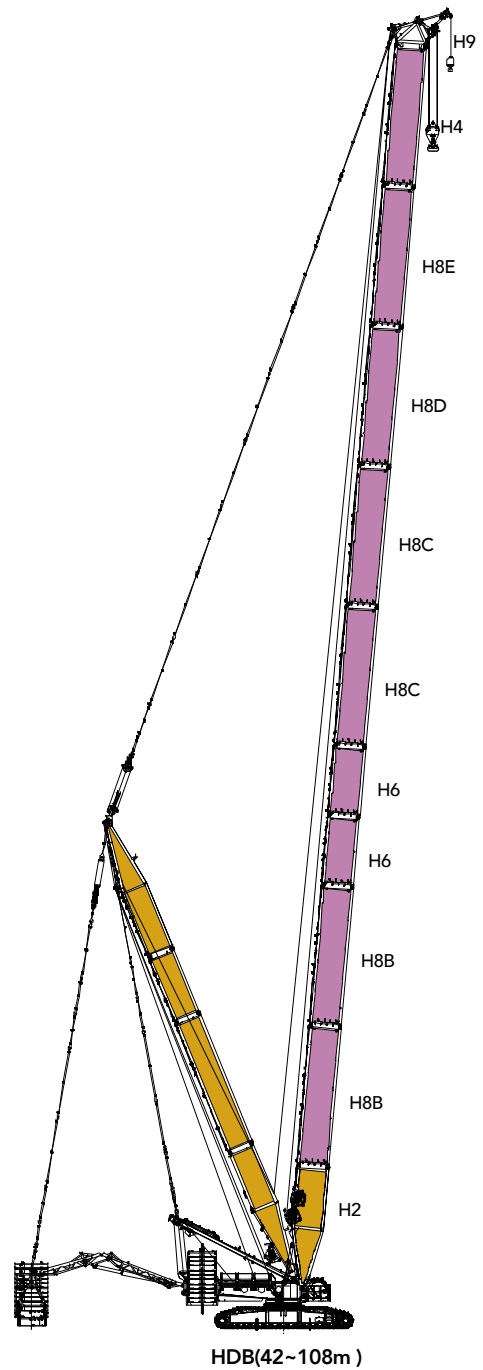
| SCC7500A-H Configuration | | | | | | | | | | | | | | |
|--|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 24m~96m, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 5.5 | 650 | | | | | | | | | | | | | 5.5 |
| 6 | 622 | 610 | | | | | | | | | | | | 6 |
| 7 | 560 | 554 | 548 | | | | | | | | | | | 7 |
| 8 | 484 | 480 | 475 | 468 | 433 | | | | | | | | | 8 |
| 9 | 426 | 422 | 418 | 412 | 380 | 370 | 351 | | | | | | | 9 |
| 10 | 380 | 376 | 370 | 362 | 345 | 333 | 315 | 302 | 287 | | | | | 10 |
| 11 | 340 | 336 | 325 | 317 | 309 | 300 | 286 | 275 | 262 | 250 | 239 | | | 11 |
| 12 | 298 | 297 | 288 | 280 | 275 | 267 | 258 | 248 | 239 | 230 | 218 | 208 | 200 | 12 |
| 14 | 231 | 232 | 231 | 228 | 225 | 219 | 212 | 205 | 198 | 192 | 185 | 175 | 168 | 14 |
| 16 | 190 | 188 | 187 | 186 | 184 | 181 | 179 | 172 | 168 | 163 | 157 | 151 | 145 | 16 |
| 18 | 158 | 158 | 157 | 156 | 153 | 150 | 149 | 147 | 145 | 140 | 137 | 132 | 127 | 18 |
| 20 | 137 | 136 | 134 | 133 | 131 | 129 | 127 | 126 | 125 | 122 | 120 | 116 | 112 | 20 |
| 22 | 120 | 118 | 117 | 115 | 113 | 112 | 111 | 109 | 108 | 107 | 105 | 102 | 98 | 22 |
| 24 | | 105 | 104 | 102 | 100 | 99 | 97 | 96 | 95 | 94 | 93 | 90 | 86 | 24 |
| 26 | | 94 | 93 | 91 | 89 | 88 | 87 | 85 | 84 | 83 | 82 | 79 | 76 | 26 |
| 28 | | 85 | 84 | 82 | 79 | 78 | 77 | 76 | 75 | 74 | 73 | 70 | 68 | 28 |
| 30 | | | 77 | 74 | 71 | 70 | 70 | 68 | 67 | 66 | 65 | 63 | 61 | 30 |
| 32 | | | 72 | 68 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 55 | 32 |
| 34 | | | | 62 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 49.5 | 34 |
| 36 | | | | 56 | 52 | 52 | 51 | 51 | 50 | 48.0 | 47.0 | 46.0 | 44.5 | 36 |
| 38 | | | | 52 | 48.5 | 48.0 | 47.0 | 46.0 | 45.0 | 43.5 | 42.5 | 41.5 | 39.5 | 38 |
| 40 | | | | | 45.0 | 44.5 | 42.5 | 42.5 | 41.0 | 39.5 | 38.5 | 37.0 | 35.5 | 40 |
| 44 | | | | | 39.0 | 38.0 | 37.0 | 36.0 | 34.0 | 32.5 | 31.5 | 30.5 | 28.6 | 44 |
| 48 | | | | | | 33.5 | 32.0 | 30.5 | 28.6 | 27.2 | 26.2 | 25.2 | 23.7 | 48 |
| 52 | | | | | | | 27.5 | 25.9 | 24.2 | 23.3 | 21.5 | 20.8 | 19.4 | 52 |
| 56 | | | | | | | | 22.4 | 20.2 | 19.4 | 17.6 | 17.1 | 15.5 | 56 |
| 60 | | | | | | | | | 16.6 | 15.7 | 13.8 | 13.3 | 11.7 | 60 |
| 64 | | | | | | | | | 13.5 | 12.5 | 10.6 | 10.0 | 8.4 | 64 |
| 68 | | | | | | | | | | 9.9 | 7.8 | 7.3 | 6.1 | 68 |
| 72 | | | | | | | | | | | 6.1 | 5.6 | | 72 |

HDB Combination

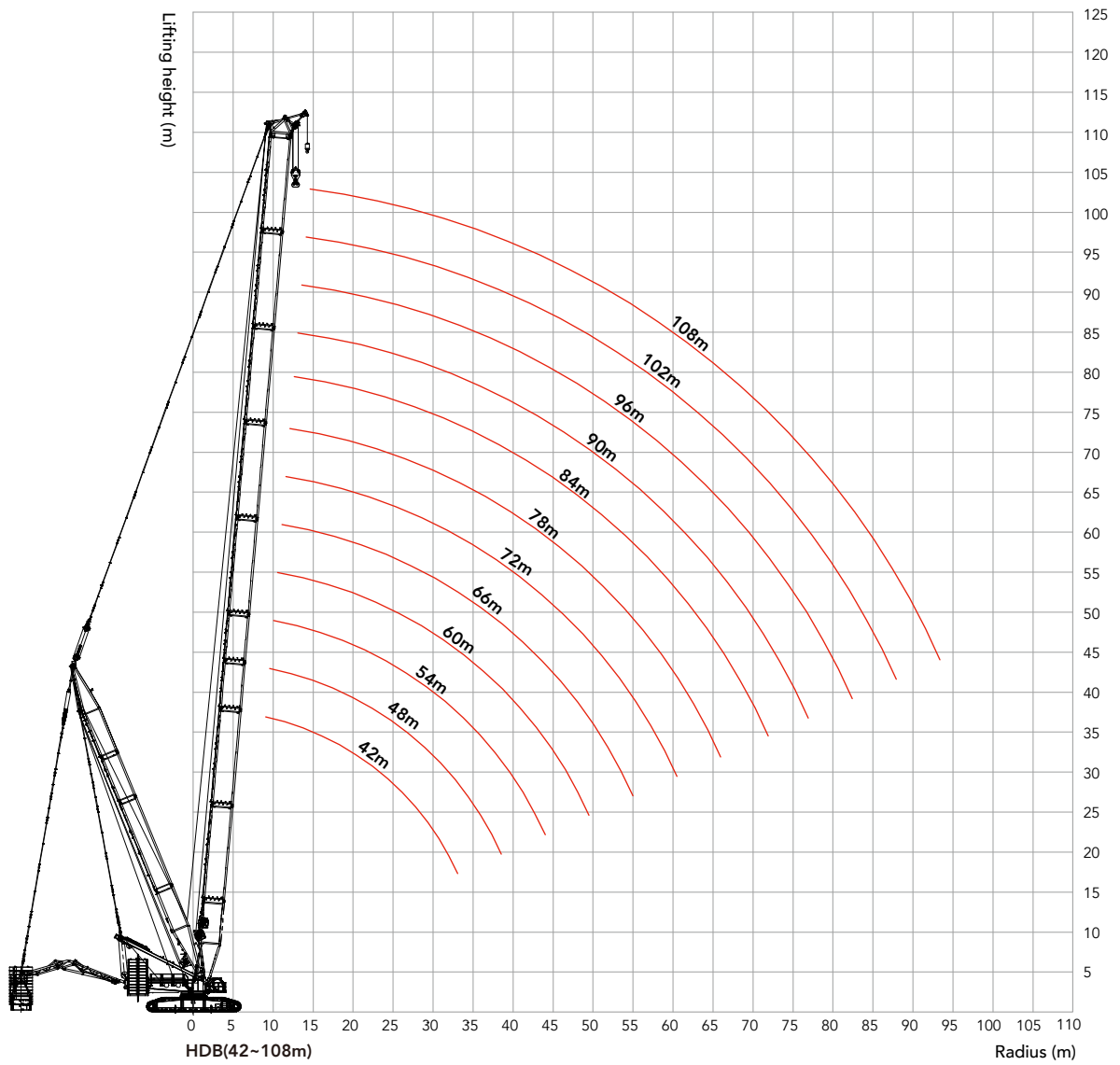
HDB Boom Combination

| Boom length(m) | Insert | |
|----------------|--------|-----|
| | 6m | 12m |
| 42 | 1 | 1 |
| 48 | 2 | 1 |
| 54 | 1 | 2 |
| 60 | 2 | 2 |
| 66 | 1 | 3 |
| 72 | 2 | 3 |
| 78 | 1 | 4 |
| 84 | 2 | 4 |
| 90 | 1 | 5 |
| 96 | 2 | 5 |
| 102 | 1 | 6 |
| 108 | 2 | 6 |

Note: 10.5m boom base, 12m transition section, connection tip are must



Work Radius of HDB Configuration



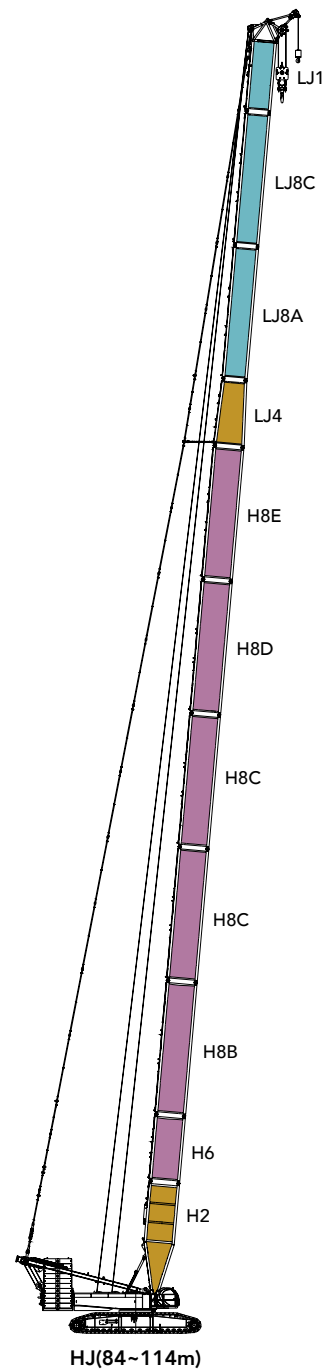
Load Chart of HDB Configuration

| SCC7500A-HDB Configuration | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------------|
| Boom length: 42~108, Superlift radius: 21m, Superlift counterweight: 0~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | |
| Radius (m) | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 | 108 | Radius (m) |
| 8 | 750 | 650 | | | | | | | | | | | 8 |
| 9 | 680 | 650 | 650 | 630 | | | | | | | | | 9 |
| 10 | 650 | 650 | 650 | 650 | 556 | 470 | | | | | | | 10 |
| 11 | 650 | 650 | 650 | 650 | 558 | 471 | 395 | 341 | | | | | 11 |
| 12 | 650 | 650 | 650 | 650 | 559 | 472 | 396 | 341 | 303 | 266 | | | 12 |
| 14 | 650 | 650 | 650 | 650 | 564 | 476 | 396 | 342 | 303 | 266 | 226 | 201 | 14 |
| 16 | 560 | 594 | 600 | 586 | 536 | 476 | 396 | 342 | 304 | 266 | 227 | 201 | 16 |
| 18 | 508 | 556 | 524 | 515 | 497 | 452 | 398 | 344 | 303 | 267 | 226 | 202 | 18 |
| 20 | 446 | 476 | 487 | 458 | 445 | 406 | 387 | 343 | 304 | 268 | 226 | 201 | 20 |
| 22 | 395 | 424 | 436 | 412 | 403 | 387 | 352 | 337 | 305 | 267 | 227 | 201 | 22 |
| 24 | 372 | 401 | 393 | 393 | 367 | 354 | 339 | 310 | 297 | 267 | 225 | 201 | 24 |
| 26 | 334 | 362 | 357 | 359 | 336 | 326 | 313 | 287 | 275 | 263 | 226 | 201 | 26 |
| 28 | 302 | 329 | 344 | 329 | 327 | 302 | 291 | 280 | 256 | 245 | 225 | 201 | 28 |
| 30 | 290 | 318 | 315 | 304 | 303 | 281 | 271 | 262 | 252 | 229 | 220 | 201 | 30 |
| 32 | 264 | 291 | 290 | 297 | 281 | 276 | 254 | 246 | 237 | 215 | 207 | 198 | 32 |
| 34 | 255 | 267 | 281 | 275 | 262 | 258 | 238 | 231 | 223 | 214 | 195 | 197 | 34 |
| 36 | 231 | 260 | 263 | 256 | 245 | 242 | 236 | 218 | 211 | 202 | 195 | 187 | 36 |
| 38 | 223 | 239 | 243 | 239 | 243 | 228 | 223 | 206 | 200 | 192 | 185 | 177 | 38 |
| 40 | | 235 | 235 | 233 | 228 | 215 | 210 | 206 | 190 | 182 | 176 | 169 | 40 |
| 44 | | 211 | 207 | 207 | 201 | 202 | 189 | 186 | 181 | 165 | 160 | 153 | 44 |
| 48 | | | 189 | 189 | 188 | 181 | 180 | 168 | 165 | 160 | 146 | 140 | 48 |
| 52 | | | | 172 | 171 | 170 | 162 | 162 | 151 | 147 | 143 | 137 | 52 |
| 56 | | | | | 157 | 155 | 153 | 148 | 147 | 135 | 131 | 127 | 56 |
| 60 | | | | | | 143 | 140 | 135 | 135 | 124 | 121 | 117 | 60 |
| 64 | | | | | | 132 | 129 | 129 | 123 | 122 | 112 | 109 | 64 |
| 68 | | | | | | | 119 | 119 | 118 | 112 | 111 | 108 | 68 |
| 72 | | | | | | | | 111 | 110 | 108 | 103 | 100 | 72 |
| 76 | | | | | | | | | 102 | 100 | 99.6 | 93.6 | 76 |
| 80 | | | | | | | | | 95.1 | 93.4 | 92.6 | 90.8 | 80 |
| 84 | | | | | | | | | | 87.1 | 86.3 | 84.5 | 84 |
| 88 | | | | | | | | | | | 80.6 | 78.8 | 88 |
| 92 | | | | | | | | | | | | 73.5 | 92 |
| 96 | | | | | | | | | | | | 68.7 | 96 |

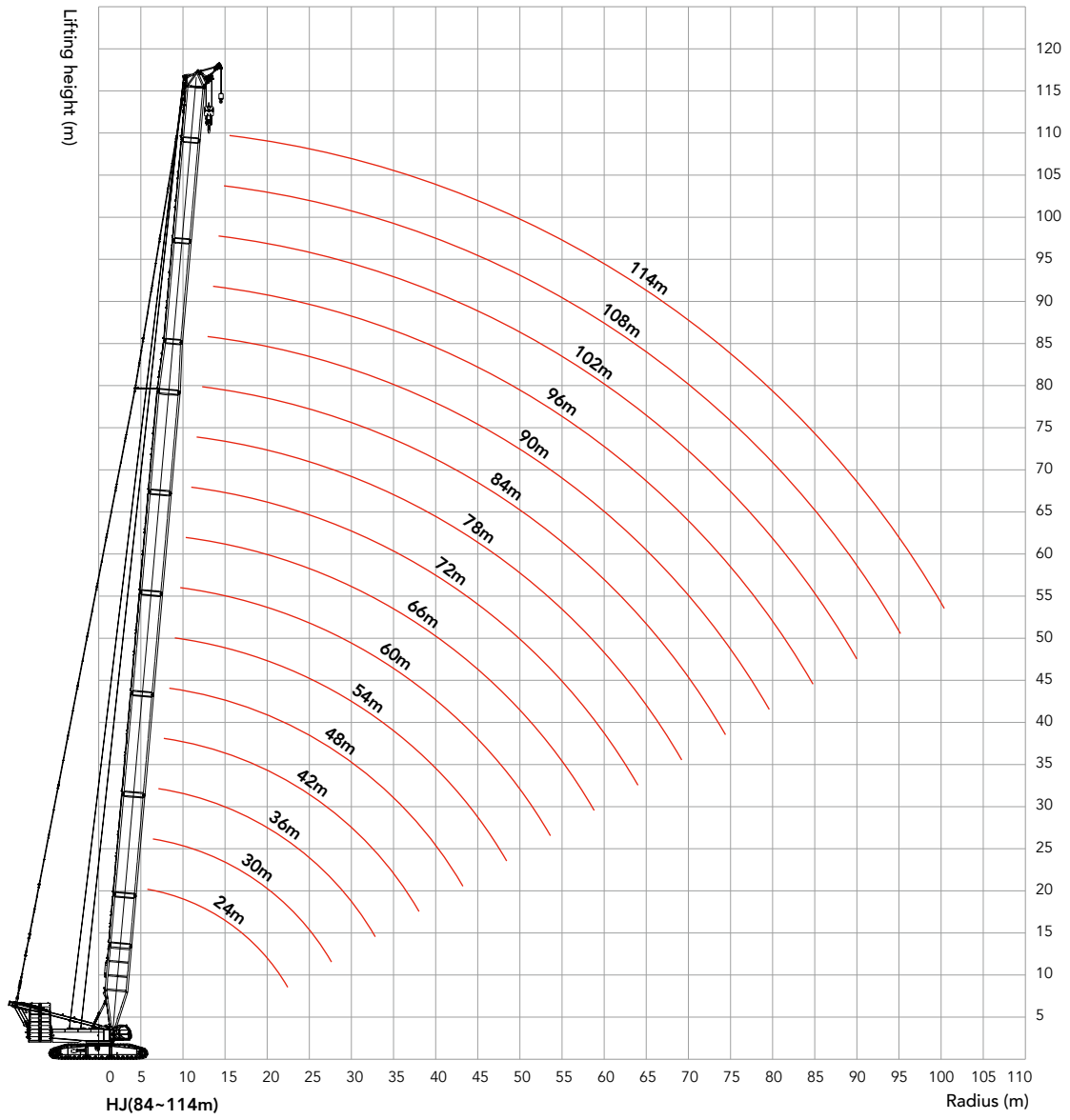
HJ Combination

| HJ Boom Combination | | | |
|---------------------|-------------|-----|------------|
| Boom length(m) | Boom insert | | Jib insert |
| | 6m | 12m | 12m |
| 84 | - | 4 | 1 |
| 90* | 1 | 4 | 1 |
| 96* | - | 4 | 2 |
| 102* | 1 | 4 | 2 |
| 108* | - | 5 | 2 |
| 114* | 1 | 5 | 2 |

Note: 10.5m boom base, 6m tapered section and 7.5m jib top are must.
For combinations marked with "*", the mid-point suspension cable is must, otherwise, the boom may break.



Work Radius of HJ Configuration



Unit: t

Load Chart of HJ Configuration

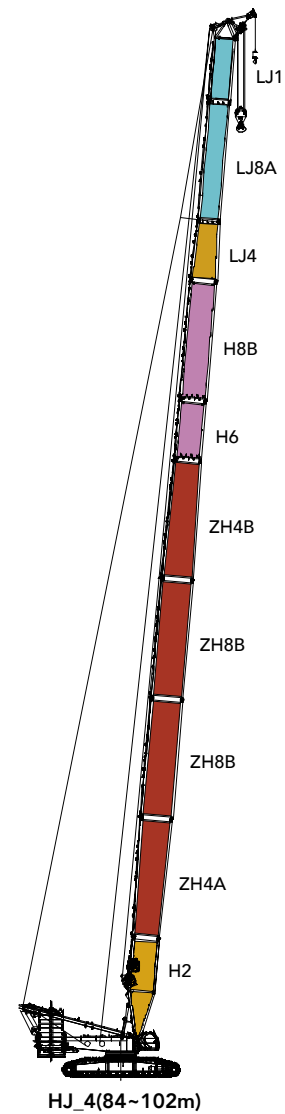
| SCC7500A-HJ Configuration | | | | | | | |
|---|------|------|------|------|------|------|------------|
| Boom Length: 84~114m, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | |
| Radius (m) | 84 | 90 | 96 | 102 | 108 | 114 | Radius (m) |
| 11 | 232 | 221 | | | | | 11 |
| 12 | 215 | 205 | 191 | 175 | | | 12 |
| 14 | 187 | 179 | 173 | 166 | 145 | 133 | 14 |
| 16 | 165 | 159 | 154 | 148 | 139 | 128 | 16 |
| 18 | 147 | 142 | 138 | 132 | 128 | 122 | 18 |
| 20 | 132 | 127 | 124 | 119 | 115 | 110 | 20 |
| 22 | 120 | 115 | 113 | 108 | 104 | 100 | 22 |
| 24 | 109 | 105 | 103 | 98.7 | 95.3 | 91.3 | 24 |
| 26 | 100 | 96.3 | 94.1 | 90.4 | 87.2 | 83.6 | 26 |
| 28 | 92.2 | 88.6 | 86.6 | 83.1 | 80.2 | 76.7 | 28 |
| 30 | 85.1 | 81.7 | 79.9 | 76.6 | 73.9 | 70.6 | 30 |
| 32 | 78.9 | 75.6 | 74 | 70.9 | 68.3 | 65.1 | 32 |
| 34 | 73.3 | 70.2 | 68.7 | 65.7 | 63.3 | 60.2 | 34 |
| 36 | 68.3 | 65.3 | 63.9 | 61.1 | 58.7 | 55.8 | 36 |
| 38 | 63.7 | 60.9 | 59.6 | 56.8 | 54.6 | 51.8 | 38 |
| 40 | 59.6 | 56.8 | 55.7 | 53 | 50.8 | 48.1 | 40 |
| 44 | 52.4 | 49.8 | 48.8 | 46.2 | 44.2 | 41.6 | 44 |
| 48 | 45.9 | 43.8 | 42.9 | 40.5 | 38.5 | 36 | 48 |
| 52 | 40.1 | 38.6 | 37.9 | 35.5 | 33.7 | 29.5 | 52 |
| 56 | 35.2 | 33.7 | 33.5 | 31.2 | 29.5 | 24.3 | 56 |
| 60 | 31 | 29.5 | 29.4 | 27.4 | 24.5 | 19.3 | 60 |
| 64 | 27.3 | 25.8 | 25.8 | 24.1 | 20.1 | 15.1 | 64 |
| 68 | 24.1 | 22.6 | 22.6 | 19.9 | 15.9 | 11.5 | 68 |
| 72 | 21.2 | 19.7 | 19.7 | 16.1 | 12.1 | 7.9 | 72 |
| 76 | | 17.2 | 17.2 | 12.8 | 9 | | 76 |
| 80 | | 14.9 | 14.2 | 9.5 | 6.3 | | 80 |
| 84 | | | 11.2 | 7 | | | 84 |

HJ_4 Combination**HJ_4 Boom Combination**

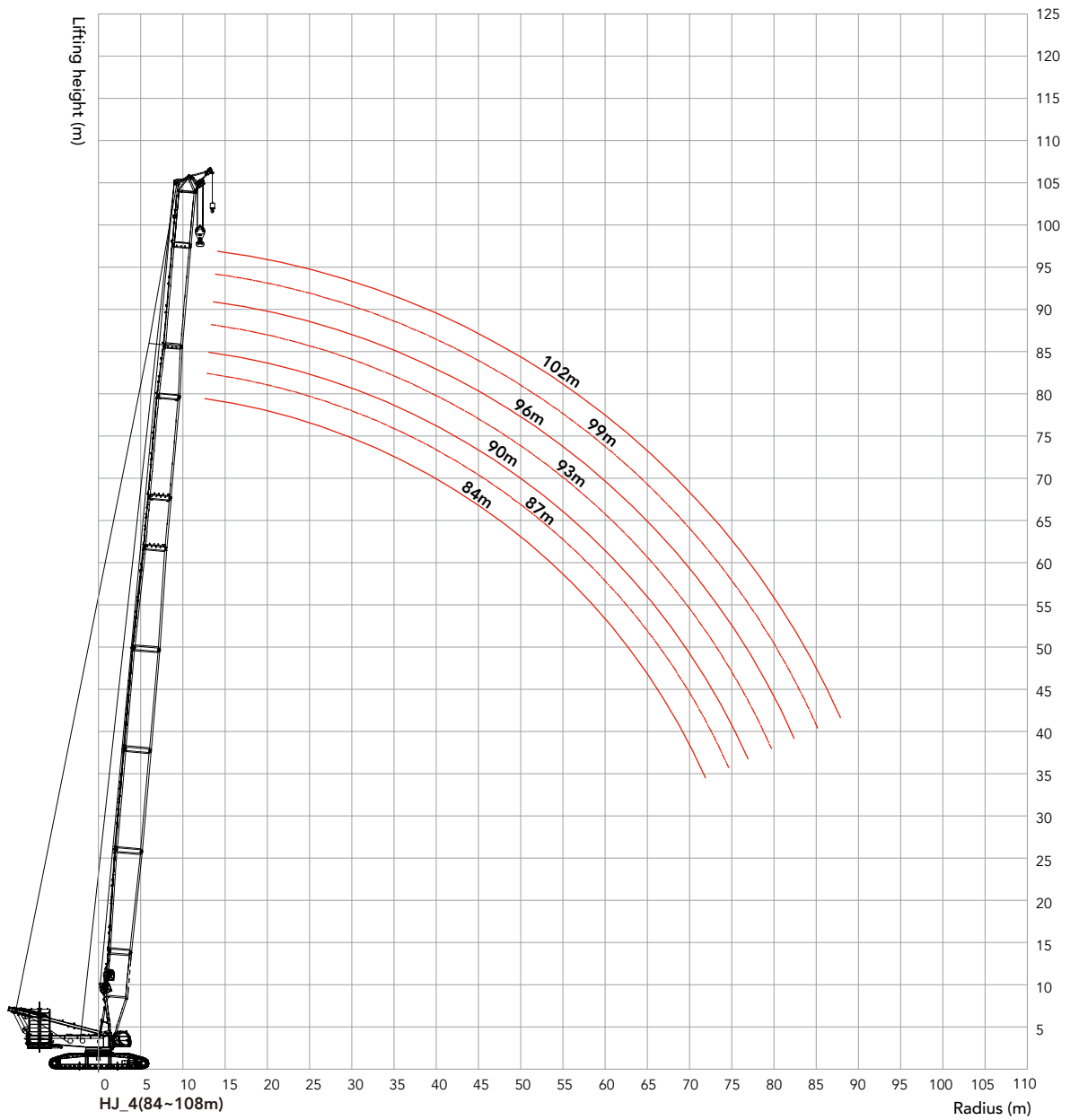
| Boom length(m) | Boom insert | | | |
|----------------|-------------|----|----|-----|
| | 12m | 3m | 6m | 12m |
| 84 | 4 | - | - | - |
| 87 | 4 | 1 | - | - |
| 90 | 4 | - | 1 | - |
| 93 | 4 | 1 | 1 | - |
| 96 | 4 | - | - | 1 |
| 99* | 4 | 1 | - | 1 |
| 102* | 4 | - | 1 | 1 |

Note: 10.5m boom base, 6m tapered section and 12m jib insert and jib top are must.

For combinations marked with "**", the mid-point suspension cable is must, otherwise, the boom may break.



Work Radius of HJ_4 Configuration



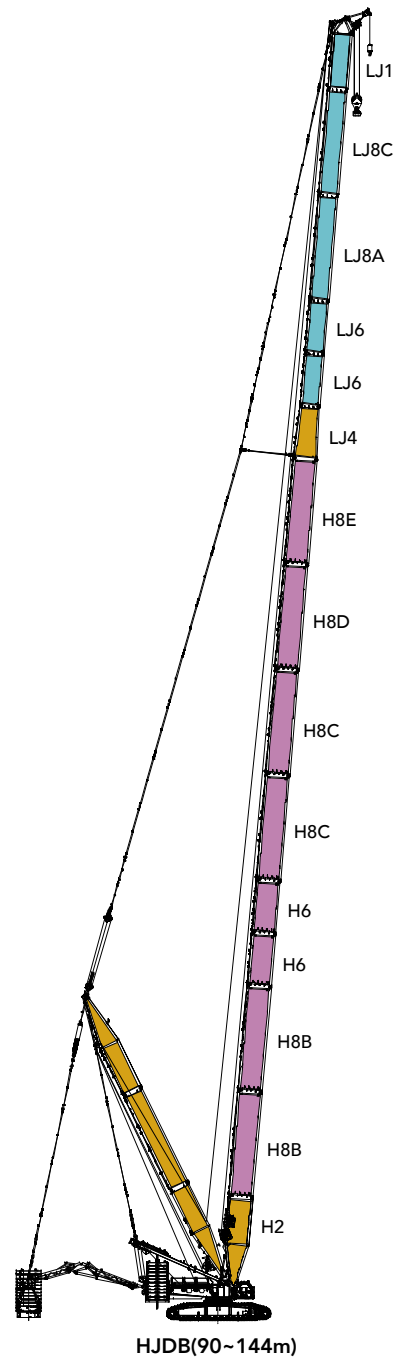
Load Chart of HJ_4 Configuration

| SCC7500A-HJ_4 Configuration | | | | | | | | |
|--|------|------|------|------|------|------|------|------------|
| Boom length: 84m~102m, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | |
| Radius (m) | 84 | 87 | 90 | 93 | 96 | 99 | 102 | Radius (m) |
| 11 | 246 | 239 | 235 | | | | | 11 |
| 12 | 227 | 221 | 217 | 211 | 208 | 203 | | 12 |
| 14 | 196 | 191 | 188 | 183 | 181 | 176 | 174 | 14 |
| 16 | 172 | 167 | 165 | 161 | 159 | 155 | 153 | 16 |
| 18 | 152 | 148 | 147 | 143 | 141 | 138 | 136 | 18 |
| 20 | 136 | 133 | 131 | 128 | 127 | 123 | 122 | 20 |
| 22 | 123 | 120 | 118 | 115 | 114 | 111 | 110 | 22 |
| 24 | 112 | 109 | 107 | 104 | 104 | 101 | 99.3 | 24 |
| 26 | 102 | 98.9 | 97.9 | 95 | 94.3 | 91.5 | 90.4 | 26 |
| 28 | 93.4 | 90.6 | 89.6 | 86.8 | 86.3 | 83.6 | 82.6 | 28 |
| 30 | 85.9 | 83.3 | 82.3 | 79.7 | 79.2 | 76.6 | 75.7 | 30 |
| 32 | 79.3 | 76.8 | 75.9 | 73.4 | 72.9 | 70.5 | 69.6 | 32 |
| 34 | 73.5 | 71 | 70.1 | 67.7 | 67.3 | 64.9 | 64.1 | 34 |
| 36 | 68.2 | 65.8 | 65 | 62.6 | 62.3 | 60 | 59.1 | 36 |
| 38 | 63.4 | 61.1 | 60.3 | 58 | 57.7 | 55.5 | 54.7 | 38 |
| 40 | 59.1 | 56.8 | 56.1 | 53.9 | 53.6 | 51.4 | 50.6 | 40 |
| 44 | 50.7 | 49.2 | 48.7 | 46.6 | 46.3 | 44.2 | 43.5 | 44 |
| 48 | 43.8 | 42.3 | 42 | 40.4 | 40.2 | 38.2 | 37.5 | 48 |
| 52 | 38 | 36.5 | 36.3 | 34.8 | 34.9 | 33 | 32.3 | 52 |
| 56 | 33.1 | 31.6 | 31.3 | 29.9 | 30 | 28.5 | 27.8 | 56 |
| 60 | 28.9 | 27.4 | 27.1 | 25.7 | 25.7 | 24.3 | 23.9 | 60 |
| 64 | 25.2 | 23.7 | 23.4 | 21.5 | 20.6 | 20.6 | 20.3 | 64 |
| 68 | 21.9 | 20.5 | 19.4 | 16.2 | 15.6 | 17.4 | 17 | 68 |
| 72 | 19 | 16 | 14.9 | 12.1 | 11.2 | 14.6 | 14.2 | 72 |
| 76 | | 12.2 | 10.8 | 7.9 | 7.3 | 12 | 11.6 | 76 |
| 80 | | | 7.2 | | | 9.7 | 9.3 | 80 |
| 84 | | | | | | 7.7 | 7.2 | 84 |
| 88 | | | | | | 5.8 | 5.3 | 88 |

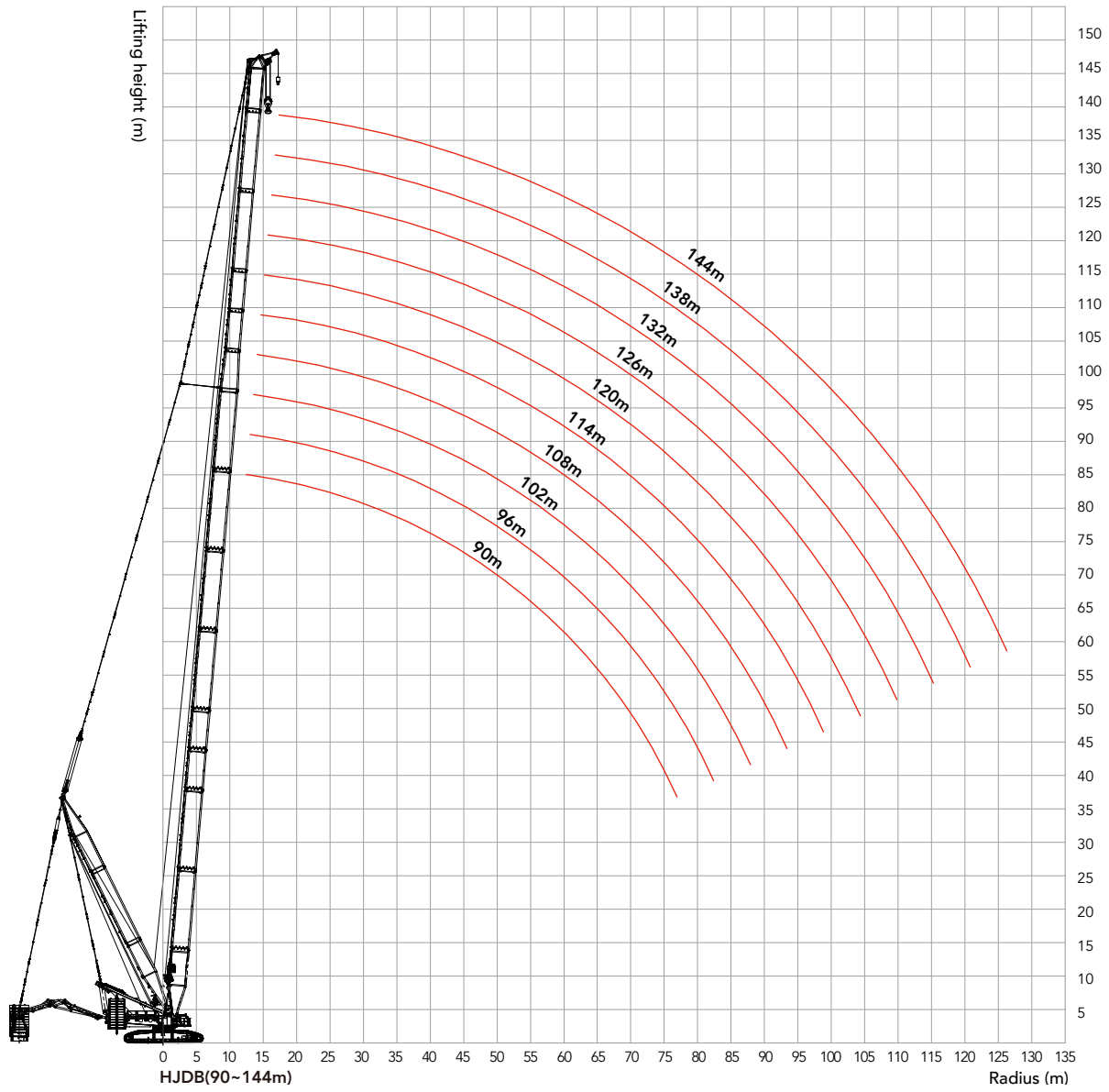
HJDB Combination

| HJDB_Boom Combination | | | | |
|-----------------------|-------------|-----|------------|-----|
| Boom length(m) | Boom insert | | Jib insert | |
| | 6m | 12m | 6m | 12m |
| 90* | 1 | 3 | - | 2 |
| 96* | 2 | 3 | - | 2 |
| 102* | 1 | 4 | - | 2 |
| 108* | 2 | 4 | - | 2 |
| 114* | 1 | 5 | - | 2 |
| 120* | 2 | 5 | - | 2 |
| 126* | 1 | 6 | - | 2 |
| 132* | 2 | 6 | - | 2 |
| 138* | 2 | 6 | 1 | 2 |
| 144* | 2 | 6 | 2 | 2 |

Note: 10.5m boom base, 6m tapered section and 7.5m jib top are must.
For combinations marked with "*", the mid-point suspension cable is must, otherwise, the boom may break.



Work Radius of HJDB Configuration



Unit: t

Load Chart of HJDB Configuration

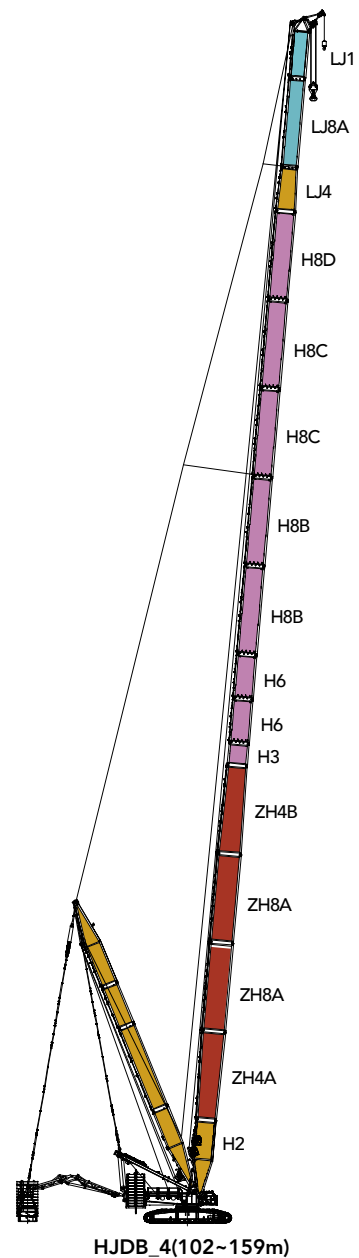
| SCC7500A-HJDB Configuration | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 90m~144m, Superlift radius: 21m, Superlift counterweight: 0t~360t Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | | | | |
| Radius (m) | 90 | 96 | 102 | 108 | 114 | 120 | 126 | 132 | 138 | 144 | Radius (m) |
| 14 | 265 | 235 | 217 | | | | | | | | 14 |
| 16 | 258 | 234 | 216 | 187 | 170 | 145 | | | | | 16 |
| 18 | 252 | 233 | 214 | 187 | 169 | 144 | 134 | 122 | 101 | | 18 |
| 20 | 247 | 230 | 212 | 187 | 166 | 142 | 133 | 122 | 99.5 | 86.5 | 20 |
| 22 | 242 | 227 | 210 | 183 | 164 | 141 | 133 | 122 | 98.6 | 86.0 | 22 |
| 24 | 236 | 224 | 208 | 179 | 162 | 140 | 133 | 121 | 96.8 | 85.5 | 24 |
| 26 | 230 | 221 | 206 | 175 | 160 | 138 | 133 | 121 | 95.7 | 84.5 | 26 |
| 28 | 224 | 217 | 203 | 172 | 157 | 136 | 132 | 120 | 94.4 | 84.0 | 28 |
| 30 | 218 | 213 | 200 | 168 | 155 | 134 | 132 | 120 | 93.1 | 83.0 | 30 |
| 32 | 212 | 208 | 196 | 164 | 153 | 132 | 131 | 120 | 91.8 | 82.5 | 32 |
| 34 | 205 | 201 | 191 | 160 | 150 | 130 | 130 | 119 | 90.8 | 82.0 | 34 |
| 36 | 198 | 194 | 185 | 157 | 147 | 128 | 128 | 119 | 89.3 | 81.0 | 36 |
| 38 | 191 | 187 | 178 | 154 | 144 | 126 | 126 | 118 | 87.5 | 80.5 | 38 |
| 40 | 184 | 179 | 171 | 151 | 141 | 124 | 124 | 118 | 86.2 | 80.0 | 40 |
| 44 | 169 | 165 | 159 | 144 | 135 | 120 | 120 | 116 | 83.1 | 76.3 | 44 |
| 48 | 155 | 152 | 147 | 137 | 129 | 116 | 116 | 111 | 80.4 | 67.6 | 48 |
| 52 | 142 | 140 | 135 | 129 | 123 | 112 | 111 | 101 | 77.5 | 59.6 | 52 |
| 56 | 130 | 129 | 125 | 123 | 116 | 108 | 101 | 91.1 | 70.0 | 52.0 | 56 |
| 60 | 120 | 119 | 116 | 115 | 109 | 103 | 92.5 | 82.6 | 61.8 | 45.0 | 60 |
| 64 | 110 | 109 | 107 | 106 | 102 | 93.5 | 84.1 | 74.4 | 54.8 | 38.8 | 64 |
| 68 | 101 | 100 | 98.8 | 97.7 | 93.6 | 84.7 | 76.0 | 67.4 | 48.2 | 32.8 | 68 |
| 72 | 94.0 | 92.0 | 91.1 | 89.9 | 84.4 | 77.4 | 68.0 | 60.1 | 42.1 | 27.2 | 72 |
| 76 | 86.9 | 85.3 | 84.5 | 83.1 | 76.9 | 70.2 | 61.8 | 53.0 | 36.4 | 22.0 | 76 |
| 80 | 82.3 | 79.5 | 78.5 | 77.1 | 69.6 | 63.1 | 54.8 | 47.2 | 31.0 | 17.1 | 80 |
| 84 | | | 72.9 | 69.2 | 61.8 | 56.0 | 48.2 | 41.8 | 25.2 | 12.6 | 84 |
| 88 | | | 66.0 | 62.4 | 54.5 | 50.2 | 42.5 | 35.7 | 20.5 | 8.3 | 88 |
| 92 | | | | 54.4 | 48.7 | 44.0 | 37.0 | 30.8 | 16.0 | | 92 |
| 96 | | | | | 42.2 | 38.2 | 31.8 | 26.2 | 11.8 | | 96 |
| 100 | | | | | | 32.6 | 26.9 | 21.0 | 7.8 | | 100 |
| 104 | | | | | | | 27.3 | 22.2 | 17.0 | | 104 |
| 108 | | | | | | | | 12.3 | | | 108 |

HJDB_4 Combination

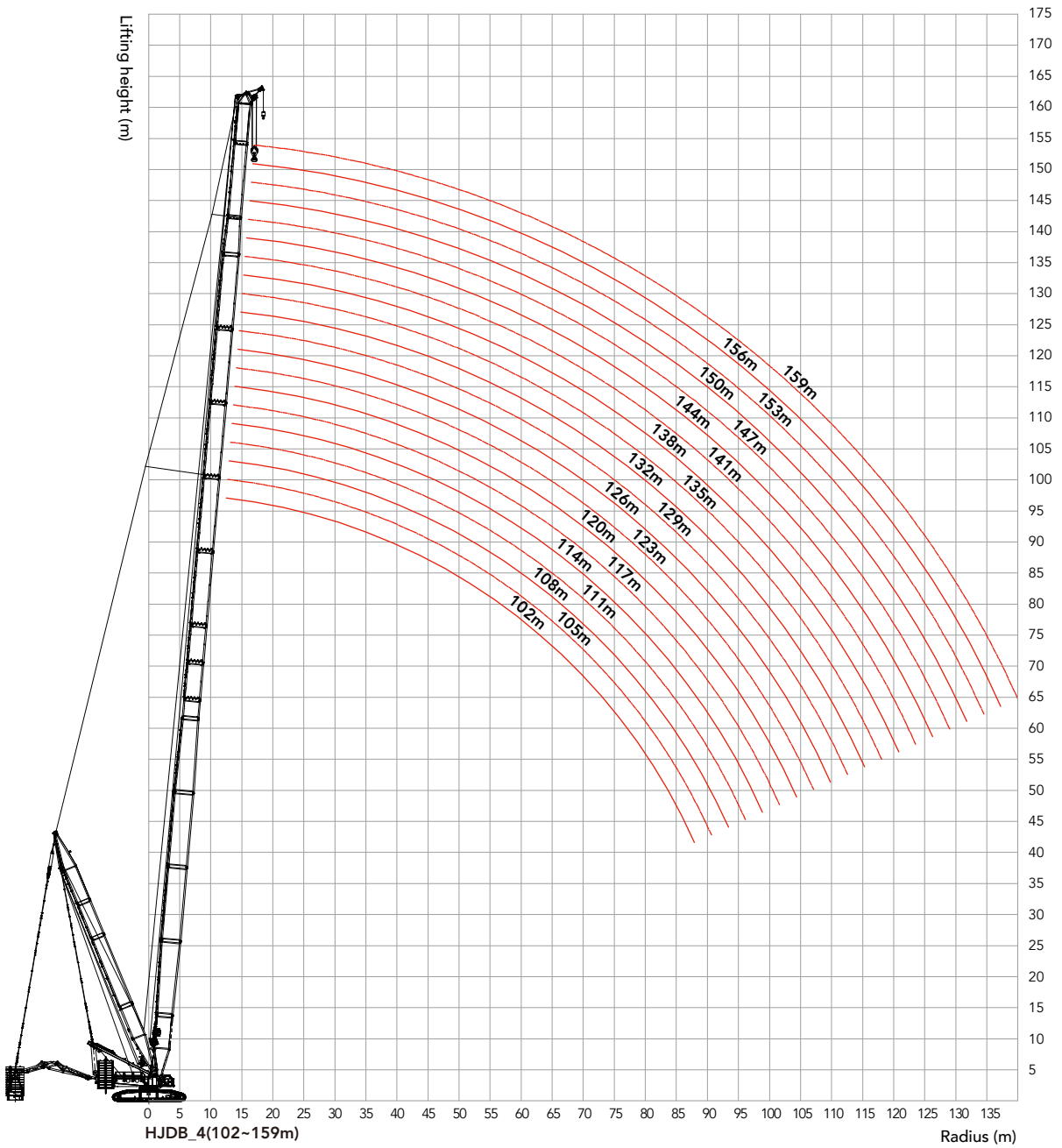
HJDB_4 Boom Combination

| Boom length(m) | Power boom | Boom insert | | |
|----------------|------------|-------------|----|-----|
| | 12m | 3m | 6m | 12m |
| 102 | 4 | - | 1 | 1 |
| 105 | 4 | 1 | 1 | 1 |
| 108 | 4 | - | 2 | 1 |
| 111 | 4 | 1 | 2 | 1 |
| 114 | 4 | - | 1 | 2 |
| 117 | 4 | 1 | 1 | 2 |
| 120 | 4 | - | 2 | 2 |
| 123 | 4 | 1 | 2 | 2 |
| 126* | 4 | - | 1 | 3 |
| 129* | 4 | 1 | 1 | 3 |
| 132* | 4 | - | 2 | 3 |
| 135* | 4 | 1 | 2 | 3 |
| 138* | 4 | - | 1 | 4 |
| 141* | 4 | 1 | 1 | 4 |
| 144* | 4 | - | 2 | 4 |
| 147* | 4 | 1 | 2 | 4 |
| 150* | 4 | - | 1 | 5 |
| 153* | 4 | 1 | 1 | 5 |
| 156* | 4 | - | 2 | 5 |
| 159* | 4 | 1 | 2 | 5 |

Note: Boom base, 6m tapered section, 12m jib insert and jib top are must.
For combinations from 126m~159m, the mid-point suspension cable is must, otherwise, the boom may break.



Working Radius of HJDB_4



Load Chart of HJDB_4 Configuration

| SCC7500A-HJDB_4 Configuration 1/2 | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|-----------|
| Boom length: 102m~159m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | | | | |
| Radius(m) | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | Radius(m) |
| 14 | 305 | | | | | | | | | | 14 |
| 16 | 305 | 310 | 294 | 278 | 261 | 245 | 231 | 217 | | | 16 |
| 18 | 305 | 310 | 296 | 278 | 261 | 245 | 231 | 217 | 203 | 189 | 18 |
| 20 | 305 | 310 | 295 | 278 | 261 | 245 | 231 | 217 | 203 | 189 | 20 |
| 22 | 298 | 292 | 286 | 278 | 261 | 245 | 231 | 217 | 202 | 189 | 22 |
| 24 | 275 | 269 | 264 | 258 | 253 | 245 | 230 | 217 | 200 | 189 | 24 |
| 26 | 255 | 250 | 244 | 239 | 235 | 230 | 225 | 215 | 199 | 189 | 26 |
| 28 | 251 | 233 | 228 | 223 | 219 | 214 | 210 | 206 | 197 | 189 | 28 |
| 30 | 235 | 230 | 214 | 209 | 205 | 201 | 197 | 192 | 190 | 186 | 30 |
| 32 | 222 | 217 | 212 | 208 | 193 | 189 | 185 | 181 | 178 | 175 | 32 |
| 34 | 209 | 205 | 201 | 196 | 193 | 188 | 175 | 171 | 168 | 165 | 34 |
| 36 | 198 | 194 | 190 | 186 | 182 | 178 | 175 | 162 | 159 | 156 | 36 |
| 38 | 188 | 184 | 181 | 177 | 173 | 169 | 166 | 162 | 160 | 148 | 38 |
| 40 | 179 | 176 | 172 | 168 | 165 | 161 | 158 | 155 | 152 | 149 | 40 |
| 44 | 163 | 160 | 157 | 153 | 151 | 147 | 144 | 141 | 139 | 136 | 44 |
| 48 | 159 | 155 | 144 | 141 | 138 | 135 | 132 | 129 | 128 | 125 | 48 |
| 52 | 146 | 143 | 141 | 138 | 128 | 125 | 122 | 119 | 118 | 115 | 52 |
| 56 | 135 | 132 | 130 | 128 | 126 | 123 | 120 | 110 | 109 | 106 | 56 |
| 60 | 133 | 123 | 121 | 118 | 117 | 114 | 112 | 109 | 108 | 99.3 | 60 |
| 64 | 123 | 121 | 120 | 110 | 109 | 106 | 104 | 102 | 101 | 99.0 | 64 |
| 68 | 115 | 113 | 112 | 110 | 101 | 99.6 | 97.8 | 95.6 | 93.1 | 92.5 | 68 |
| 72 | 110 | 105 | 104 | 102 | 101 | 95.1 | 91.4 | 86.3 | 84.0 | 86.6 | 72 |
| 76 | 103 | 102 | 97.2 | 94.6 | 90.6 | 85.6 | 82.7 | 77.0 | 75.4 | 81.1 | 76 |
| 80 | 94.6 | 90.1 | 88.4 | 85.1 | 81.8 | 76.3 | 73.1 | 68.1 | 67.1 | 81.9 | 80 |
| 84 | 83.3 | 79.7 | 77.4 | 74.9 | 71.2 | 67.3 | 63.9 | 59.4 | 59.0 | 76.9 | 84 |
| 88 | 72.3 | 69.7 | 68.0 | 65.0 | 62.9 | 58.9 | 56.8 | 52.7 | 52.0 | 72.1 | 88 |
| 92 | | 59.9 | 57.7 | 56.5 | 55.0 | 51.5 | 48.2 | 44.7 | 45.5 | 67.5 | 92 |
| 96 | | | | 48.3 | 47.5 | 43.6 | 41.6 | 38.8 | 38.3 | 66.8 | 96 |
| 100 | | | | | 39.2 | 35.9 | 35.4 | 31.4 | 32.9 | 62.4 | 100 |
| 104 | | | | | | | 27.8 | 25.9 | 26.4 | 58.4 | 104 |
| 108 | | | | | | | | 19.4 | 21.6 | 54.6 | 108 |
| 112 | | | | | | | | | | 51.0 | 112 |

Unit: t

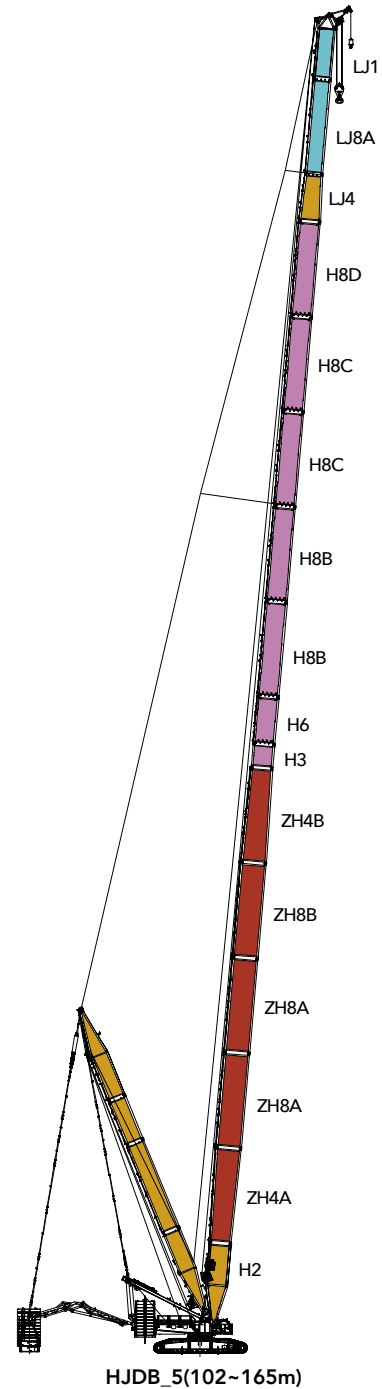
Load Chart of HJDB_4 Configuration

| SCC7500A-HJDB_4 Configuration 2/2 | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|-----------|
| Boom length: 102m~159m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | | | | |
| Radius(m) | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | Radius(m) |
| 14 | | | | | | | | | | | 14 |
| 16 | | | | | | | | | | | 16 |
| 18 | 181 | 171 | 160 | 152 | | | | | | | 18 |
| 20 | 181 | 171 | 160 | 151 | 144 | 136 | 125 | 118 | 111 | 105 | 20 |
| 22 | 181 | 171 | 160 | 151 | 143 | 135 | 124 | 117 | 111 | 105 | 22 |
| 24 | 181 | 171 | 159 | 150 | 142 | 134 | 123 | 116 | 110 | 104 | 24 |
| 26 | 181 | 171 | 158 | 149 | 141 | 133 | 122 | 115 | 109 | 103 | 26 |
| 28 | 181 | 170 | 157 | 148 | 140 | 132 | 121 | 115 | 108 | 102 | 28 |
| 30 | 180 | 169 | 156 | 147 | 139 | 131 | 120 | 114 | 108 | 101 | 30 |
| 32 | 171 | 168 | 155 | 146 | 138 | 130 | 119 | 113 | 107 | 100 | 32 |
| 34 | 161 | 158 | 154 | 145 | 137 | 129 | 119 | 112 | 106 | 99.6 | 34 |
| 36 | 153 | 149 | 147 | 144 | 136 | 128 | 118 | 111 | 105 | 98.9 | 36 |
| 38 | 145 | 141 | 140 | 136 | 134 | 127 | 117 | 110 | 104 | 98.1 | 38 |
| 40 | 146 | 134 | 133 | 130 | 127 | 124 | 116 | 110 | 103 | 97.4 | 40 |
| 44 | 133 | 130 | 128 | 125 | 115 | 112 | 111 | 108 | 102 | 95.9 | 44 |
| 48 | 122 | 119 | 117 | 115 | 112 | 109 | 108 | 106 | 97.1 | 94.4 | 48 |
| 52 | 112 | 110 | 108 | 105 | 103 | 101 | 100 | 97.5 | 95.3 | 92.8 | 52 |
| 56 | 104 | 101 | 100 | 98.0 | 95.8 | 93.2 | 92.4 | 90.0 | 87.9 | 85.5 | 56 |
| 60 | 97.1 | 94.6 | 93.4 | 91.0 | 88.8 | 86.4 | 85.7 | 83.3 | 81.3 | 79.0 | 60 |
| 64 | 96.9 | 88.1 | 87.0 | 84.7 | 82.7 | 80.4 | 79.7 | 77.4 | 75.5 | 73.3 | 64 |
| 68 | 90.6 | 88.3 | 87.3 | 85.0 | 77.1 | 74.9 | 74.3 | 72.1 | 70.3 | 68.1 | 68 |
| 72 | 84.8 | 82.6 | 81.7 | 79.5 | 77.7 | 75.5 | 69.4 | 67.3 | 65.5 | 63.4 | 72 |
| 76 | 79.4 | 77.4 | 76.6 | 74.5 | 72.8 | 70.7 | 70.3 | 68.2 | 61.1 | 59.1 | 76 |
| 80 | 74.4 | 72.5 | 71.8 | 69.9 | 68.2 | 66.3 | 65.9 | 63.9 | 62.2 | 60.3 | 80 |
| 84 | 75.5 | 73.6 | 67.4 | 65.6 | 64.0 | 62.1 | 61.8 | 59.9 | 58.3 | 56.4 | 84 |
| 88 | 70.8 | 69.1 | 68.7 | 66.9 | 60.0 | 58.2 | 58.0 | 56.2 | 54.7 | 52.8 | 88 |
| 92 | 66.4 | 64.8 | 64.5 | 62.9 | 61.5 | 59.7 | 54.5 | 52.7 | 51.3 | 49.5 | 92 |
| 96 | 66.1 | 60.8 | 60.6 | 59.0 | 57.7 | 56.1 | 56.0 | 54.3 | 48.0 | 46.3 | 96 |
| 100 | 61.7 | 60.6 | 56.8 | 55.3 | 54.1 | 52.6 | 52.6 | 51.0 | 49.7 | 43.3 | 100 |
| 104 | 57.6 | 56.5 | 56.7 | 55.7 | 50.7 | 49.3 | 49.4 | 47.9 | 46.6 | 45.0 | 104 |
| 108 | 53.8 | 52.7 | 53.0 | 51.9 | 51.1 | 50.1 | 46.3 | 44.8 | 43.6 | 42.1 | 108 |
| 112 | 50.3 | 49.2 | 49.4 | 48.4 | 47.6 | 46.6 | 47.1 | 41.9 | 40.8 | 39.4 | 112 |
| 116 | 47.0 | 45.9 | 46.1 | 45.1 | 44.3 | 43.3 | 43.8 | 42.8 | 42.0 | 36.7 | 116 |
| 120 | | | 43.1 | 42.0 | 41.3 | 40.2 | 40.8 | 39.7 | 39.0 | 37.9 | 120 |
| 124 | | | | 39.1 | 38.4 | 37.3 | 37.9 | 36.8 | 36.1 | 35.0 | 124 |
| 128 | | | | | | 34.6 | 35.2 | 34.1 | 33.4 | 32.3 | 128 |
| 132 | | | | | | | 32.6 | 31.6 | 30.8 | 29.8 | 132 |
| 136 | | | | | | | | | 28.4 | 27.4 | 136 |
| 140 | | | | | | | | | | 25.1 | 140 |

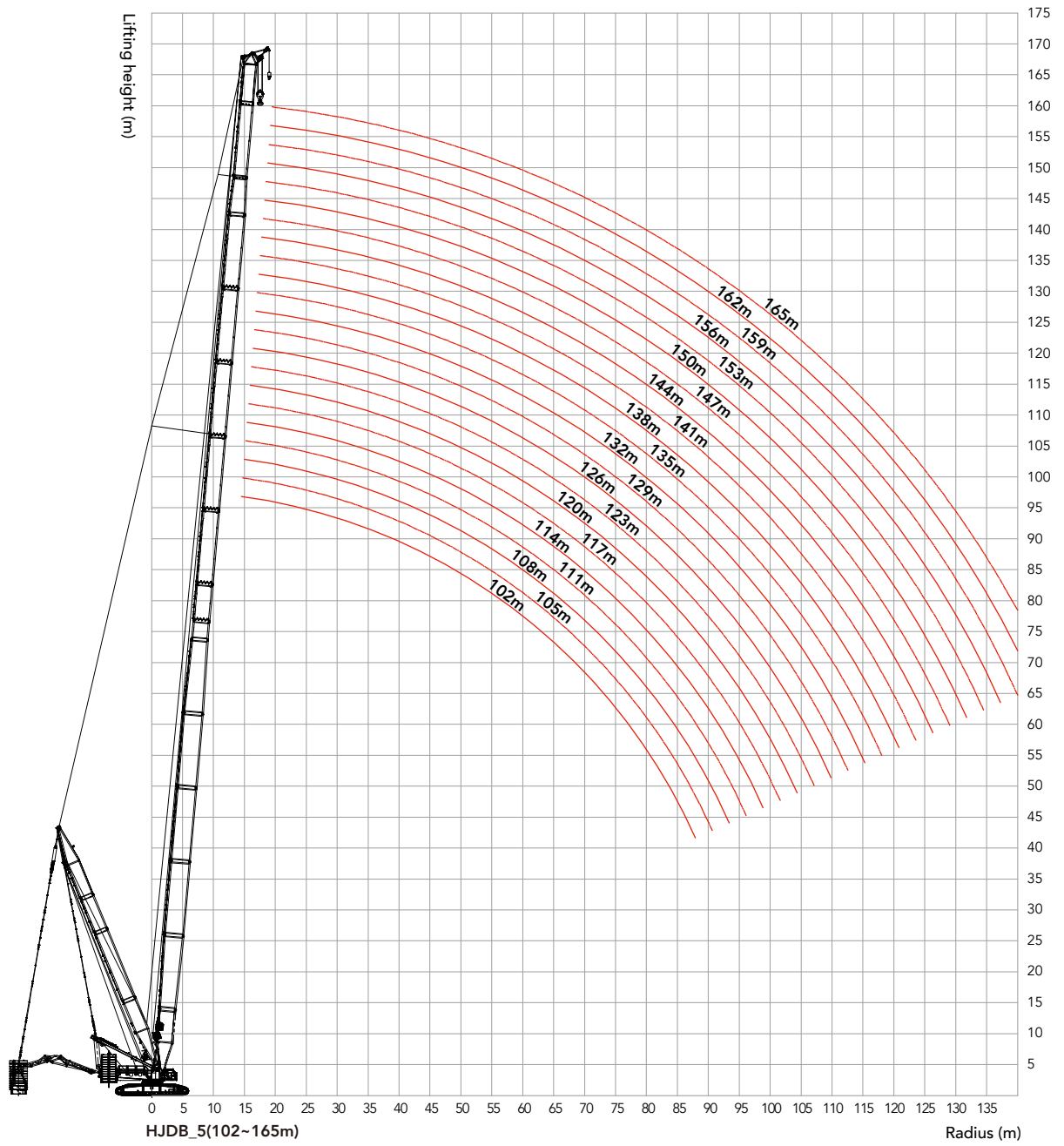
HJDB_5 Combination**HJDB_5 Boom Combination**

| Boom length(m) | Power boom | | Boom insert | |
|----------------|------------|----|-------------|-----|
| | 12m | 3m | 6m | 12m |
| 102 | 5 | - | 1 | - |
| 105 | 5 | 1 | 1 | - |
| 108 | 5 | - | 2 | - |
| 111 | 5 | 1 | 2 | - |
| 114 | 5 | - | 1 | 1 |
| 117 | 5 | 1 | 1 | 1 |
| 120 | 5 | - | 2 | 1 |
| 123* | 5 | 1 | 2 | 1 |
| 126* | 5 | - | 1 | 2 |
| 129* | 5 | 1 | 1 | 2 |
| 132* | 5 | - | 2 | 2 |
| 135* | 5 | 1 | 2 | 2 |
| 138* | 5 | - | 1 | 3 |
| 141* | 5 | 1 | 1 | 3 |
| 144* | 5 | - | 2 | 3 |
| 147* | 5 | 1 | 2 | 3 |
| 150* | 5 | - | 1 | 4 |
| 153* | 5 | 1 | 1 | 4 |
| 156* | 5 | - | 2 | 4 |
| 159* | 5 | 1 | 2 | 4 |
| 162* | 5 | - | 1 | 5 |
| 165* | 5 | 1 | 1 | 5 |

Note: Boom base, 6m tapered section, 12m jib insert and jib top are must.
For combinations from 126m~165m, the mid-point suspension cable is must, otherwise, the boom may break.



Working Radius of HJDB_5 configuration



Load Chart of HJDB_5 Configuration

| SCC7500A-HJDB_5 Configuration 1/2 | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|-----------|
| Boom length: 102m~159m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | | | | | |
| Radius(m) | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | Radius(m) |
| 14 | 321 | | | | | | | | | | | 14 |
| 16 | 321 | 314 | 307 | 287 | 272 | 254 | 240 | 226 | | | | 16 |
| 18 | 321 | 314 | 307 | 287 | 272 | 254 | 240 | 226 | 216 | 203 | 190 | 18 |
| 20 | 321 | 314 | 307 | 287 | 272 | 254 | 240 | 226 | 216 | 202 | 190 | 20 |
| 22 | 298 | 292 | 286 | 280 | 272 | 254 | 240 | 226 | 216 | 203 | 190 | 22 |
| 24 | 275 | 269 | 263 | 258 | 253 | 248 | 240 | 226 | 216 | 203 | 190 | 24 |
| 26 | 255 | 249 | 244 | 239 | 235 | 230 | 225 | 221 | 216 | 203 | 190 | 26 |
| 28 | 251 | 233 | 228 | 223 | 219 | 214 | 210 | 205 | 202 | 198 | 190 | 28 |
| 30 | 235 | 230 | 214 | 209 | 205 | 201 | 197 | 192 | 189 | 185 | 182 | 30 |
| 32 | 221 | 216 | 212 | 207 | 193 | 189 | 185 | 181 | 178 | 174 | 170 | 32 |
| 34 | 209 | 205 | 200 | 196 | 192 | 188 | 174 | 171 | 168 | 164 | 161 | 34 |
| 36 | 198 | 194 | 190 | 186 | 182 | 178 | 175 | 161 | 159 | 155 | 152 | 36 |
| 38 | 188 | 184 | 181 | 176 | 173 | 169 | 166 | 162 | 159 | 147 | 144 | 38 |
| 40 | 179 | 175 | 172 | 168 | 165 | 161 | 158 | 154 | 152 | 148 | 145 | 40 |
| 44 | 163 | 160 | 157 | 153 | 151 | 147 | 144 | 141 | 138 | 135 | 132 | 44 |
| 48 | 159 | 155 | 144 | 141 | 138 | 135 | 132 | 129 | 127 | 124 | 121 | 48 |
| 52 | 146 | 143 | 141 | 138 | 127 | 124 | 122 | 119 | 117 | 114 | 112 | 52 |
| 56 | 135 | 132 | 130 | 127 | 126 | 123 | 120 | 110 | 108 | 106 | 103 | 56 |
| 60 | 133 | 123 | 121 | 118 | 117 | 114 | 112 | 109 | 107 | 98.4 | 96.3 | 60 |
| 64 | 123 | 121 | 120 | 110 | 109 | 106 | 104 | 102 | 100 | 98.1 | 96.1 | 64 |
| 68 | 114 | 113 | 111 | 109 | 101 | 99.4 | 97.7 | 95.4 | 94.0 | 91.7 | 89.7 | 68 |
| 72 | 110 | 105 | 104 | 102 | 101 | 96.3 | 91.3 | 89.2 | 87.9 | 85.7 | 83.9 | 72 |
| 76 | 103 | 101 | 97.0 | 93.3 | 91.3 | 87.4 | 82.6 | 89.7 | 82.2 | 80.2 | 78.6 | 76 |
| 80 | 95.2 | 90.9 | 88.0 | 82.5 | 82.1 | 76.6 | 73.5 | 84.0 | 83.0 | 81.1 | 73.6 | 80 |
| 84 | 83.4 | 79.9 | 78.0 | 73.1 | 73.2 | 68.3 | 64.7 | 78.6 | 77.8 | 76.0 | 74.6 | 84 |
| 88 | 73.3 | 69.6 | 68.1 | 64.0 | 63.5 | 59.2 | 56.4 | 73.5 | 72.9 | 71.3 | 70.0 | 88 |
| 92 | | 59.3 | 58.6 | 55.2 | 55.2 | 50.8 | 49.3 | 72.3 | 72.0 | 66.7 | 65.6 | 92 |
| 96 | | | | 46.7 | 47.3 | 43.4 | 41.5 | 67.5 | 67.2 | 66.0 | 65.3 | 96 |
| 100 | | | | | 39.6 | 36.3 | 34.9 | 63.0 | 62.7 | 61.6 | 60.9 | 100 |
| 104 | | | | | | | 27.9 | 58.9 | 58.7 | 57.5 | 56.8 | 104 |
| 108 | | | | | | | | 55.1 | 54.9 | 53.7 | 53.0 | 108 |
| 112 | | | | | | | | | | 50.2 | 49.5 | 112 |
| 116 | | | | | | | | | | | 46.2 | 116 |

Unit: t

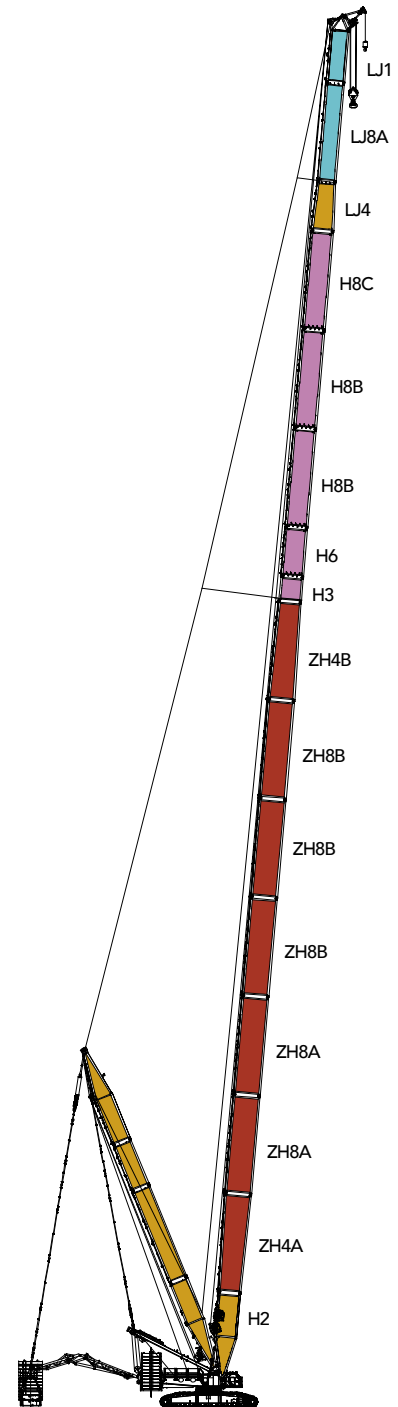
Load Chart of HJDB_5 Configuration

| SCC7500A-HJDB_5 Configuration 2/2 | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|-----------|
| Boom length: 102m~159m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | | | | | |
| Radius(m) | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius(m) |
| 14 | | | | | | | | | | | | 14 |
| 16 | | | | | | | | | | | | 16 |
| 18 | 180 | 169 | 160 | | | | | | | | | 18 |
| 20 | 180 | 169 | 160 | 153 | 144 | 135 | 127 | 120 | 113 | | | 20 |
| 22 | 180 | 169 | 160 | 153 | 144 | 134 | 126 | 119 | 112 | 104 | 97.6 | 22 |
| 24 | 180 | 169 | 160 | 152 | 143 | 133 | 125 | 118 | 111 | 103 | 96.8 | 24 |
| 26 | 180 | 169 | 159 | 151 | 142 | 132 | 124 | 118 | 111 | 102 | 95.9 | 26 |
| 28 | 180 | 169 | 158 | 150 | 141 | 131 | 124 | 117 | 110 | 101 | 95.0 | 28 |
| 30 | 178 | 168 | 157 | 149 | 140 | 130 | 123 | 116 | 109 | 100 | 94.2 | 30 |
| 32 | 167 | 165 | 156 | 148 | 139 | 129 | 122 | 115 | 108 | 99.4 | 93.4 | 32 |
| 34 | 157 | 155 | 152 | 147 | 138 | 128 | 121 | 114 | 107 | 98.6 | 92.6 | 34 |
| 36 | 148 | 147 | 143 | 140 | 137 | 127 | 120 | 113 | 107 | 97.7 | 91.8 | 36 |
| 38 | 141 | 139 | 136 | 133 | 130 | 127 | 119 | 113 | 106 | 97.0 | 91.0 | 38 |
| 40 | 134 | 132 | 129 | 126 | 123 | 122 | 118 | 112 | 105 | 96.2 | 90.3 | 40 |
| 44 | 129 | 127 | 124 | 114 | 112 | 110 | 107 | 105 | 103 | 94.7 | 89.0 | 44 |
| 48 | 118 | 117 | 114 | 111 | 109 | 107 | 105 | 96.0 | 93.5 | 92.7 | 87.7 | 48 |
| 52 | 109 | 107 | 105 | 102 | 100 | 98.9 | 96.3 | 94.2 | 91.7 | 90.9 | 82.4 | 52 |
| 56 | 101 | 99.8 | 97.2 | 95.0 | 92.5 | 91.3 | 88.8 | 86.7 | 84.3 | 83.7 | 81.3 | 56 |
| 60 | 93.7 | 92.7 | 90.2 | 88.1 | 85.6 | 84.6 | 82.2 | 80.2 | 77.9 | 77.3 | 75.0 | 60 |
| 64 | 87.2 | 86.3 | 83.9 | 81.9 | 79.6 | 78.6 | 76.3 | 74.4 | 72.1 | 71.6 | 69.4 | 64 |
| 68 | 87.4 | 86.6 | 84.2 | 76.3 | 74.1 | 73.2 | 71.0 | 69.1 | 66.9 | 66.5 | 64.4 | 68 |
| 72 | 81.7 | 81.0 | 78.8 | 76.9 | 74.7 | 68.3 | 66.1 | 64.4 | 62.2 | 61.9 | 59.8 | 72 |
| 76 | 76.5 | 75.9 | 73.8 | 72.0 | 69.9 | 69.2 | 67.1 | 60.0 | 58.0 | 57.6 | 55.6 | 76 |
| 80 | 71.6 | 71.1 | 69.1 | 67.5 | 65.5 | 64.8 | 62.8 | 61.1 | 59.1 | 58.8 | 51.8 | 80 |
| 84 | 72.8 | 66.7 | 64.8 | 63.3 | 61.3 | 60.7 | 58.8 | 57.2 | 55.2 | 55.0 | 53.1 | 84 |
| 88 | 68.3 | 68.0 | 66.1 | 59.3 | 57.4 | 56.9 | 55.1 | 53.5 | 51.7 | 51.5 | 49.6 | 88 |
| 92 | 64.0 | 63.8 | 62.1 | 60.7 | 58.9 | 53.4 | 51.6 | 50.1 | 48.3 | 48.2 | 46.4 | 92 |
| 96 | 59.9 | 59.8 | 58.2 | 57.0 | 55.3 | 54.9 | 53.2 | 46.9 | 45.1 | 45.1 | 43.3 | 96 |
| 100 | 59.8 | 56.0 | 54.6 | 53.4 | 51.8 | 51.5 | 49.9 | 48.5 | 42.1 | 42.1 | 40.4 | 100 |
| 104 | 55.7 | 56.0 | 54.9 | 49.9 | 48.5 | 48.3 | 46.7 | 45.5 | 43.8 | 43.9 | 37.7 | 104 |
| 108 | 51.9 | 52.3 | 51.1 | 50.4 | 49.3 | 45.2 | 43.7 | 42.5 | 40.9 | 41.1 | 39.5 | 108 |
| 112 | 48.4 | 48.7 | 47.6 | 46.9 | 45.8 | 46.0 | 40.7 | 39.7 | 38.2 | 38.4 | 36.8 | 112 |
| 116 | 45.1 | 45.4 | 44.3 | 43.6 | 42.5 | 42.8 | 41.7 | 40.9 | 35.5 | 35.8 | 34.3 | 116 |
| 120 | | 42.4 | 41.3 | 40.5 | 39.4 | 39.7 | 38.6 | 37.8 | 36.7 | 37.3 | 31.8 | 120 |
| 124 | | | 38.4 | 37.6 | 36.5 | 36.8 | 35.7 | 35.0 | 33.9 | 34.5 | 33.4 | 124 |
| 128 | | | | | 33.8 | 34.1 | 33.0 | 32.3 | 31.2 | 31.8 | 30.7 | 128 |
| 132 | | | | | | 31.6 | 30.5 | 29.7 | 28.6 | 29.3 | 28.2 | 132 |
| 136 | | | | | | | | 27.3 | 26.2 | 26.9 | 25.8 | 136 |
| 140 | | | | | | | | | 24.0 | 24.6 | 23.5 | 140 |
| 144 | | | | | | | | | | | 21.4 | 144 |

HJDB_7 Boom Combination

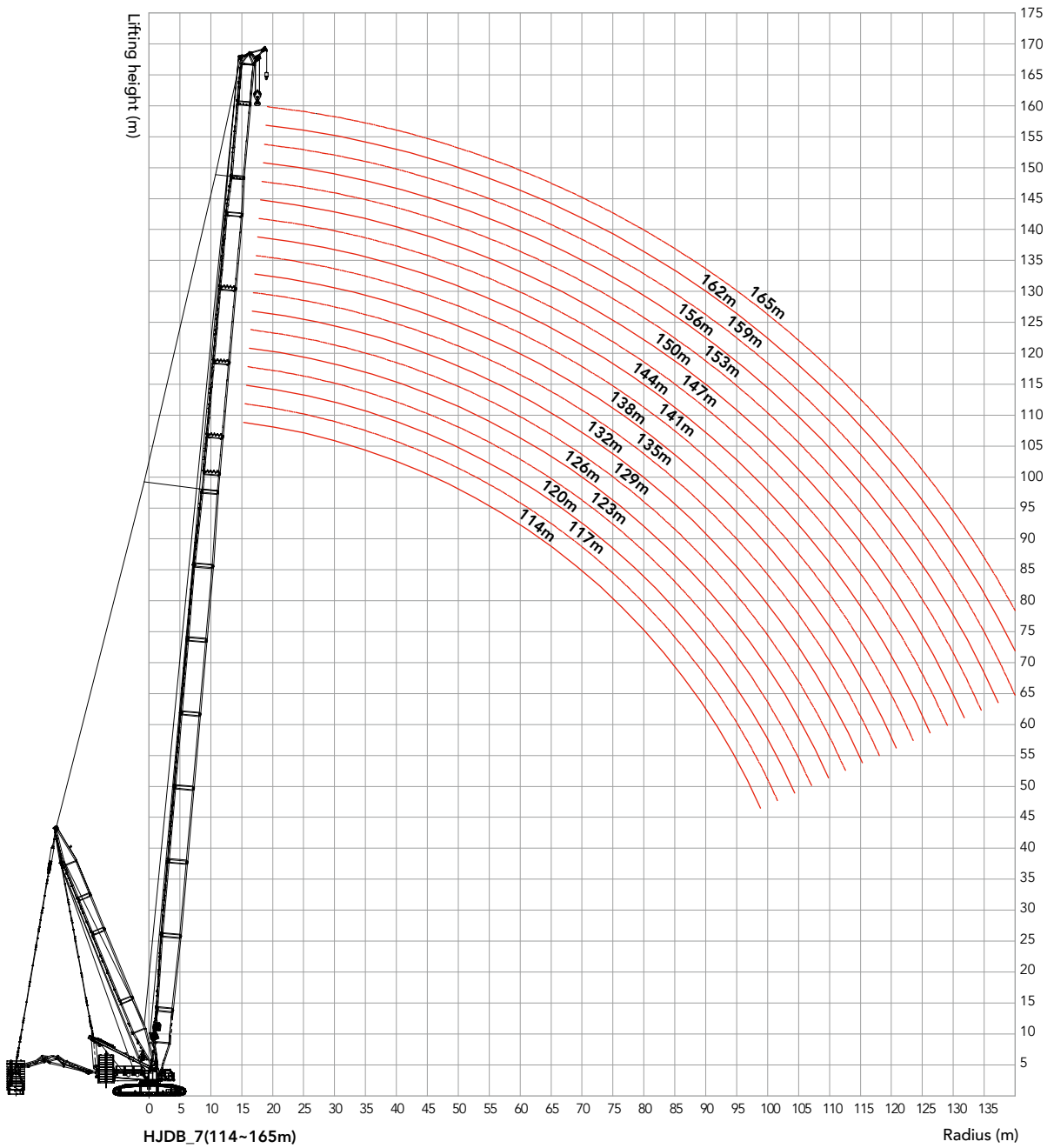
| HJDB_7 Boom Combination | | | | |
|-------------------------|------------|-------------|----|-----|
| Boom length(m) | Power boom | Boom insert | | |
| | 12m | 3m | 6m | 12m |
| 114 | 6 | - | 1 | - |
| 117 | 6 | 1 | 1 | - |
| 120 | 7 | - | - | - |
| 123 | 7 | 1 | - | - |
| 126* | 7 | - | 1 | - |
| 129* | 7 | 1 | 1 | - |
| 132* | 7 | - | 2 | - |
| 135* | 7 | 1 | 2 | - |
| 138* | 7 | - | 1 | 1 |
| 141* | 7 | 1 | 1 | 1 |
| 144* | 7 | - | - | 2 |
| 147* | 7 | 1 | - | 2 |
| 150* | 7 | - | 1 | 2 |
| 153* | 7 | 1 | 1 | 2 |
| 156* | 7 | - | 2 | 2 |
| 159* | 7 | 1 | 2 | 2 |
| 162* | 7 | - | 1 | 3 |
| 165* | 7 | 1 | 1 | 3 |

Note: Boom base, 6m tapered section, 12m jib insert and jib top are must.
For combinations from 126m~165m, the mid-point suspension cable is must, otherwise, the boom may break.



HJDB_7(114~165m)

Working Radius of HJDB_7 configuration



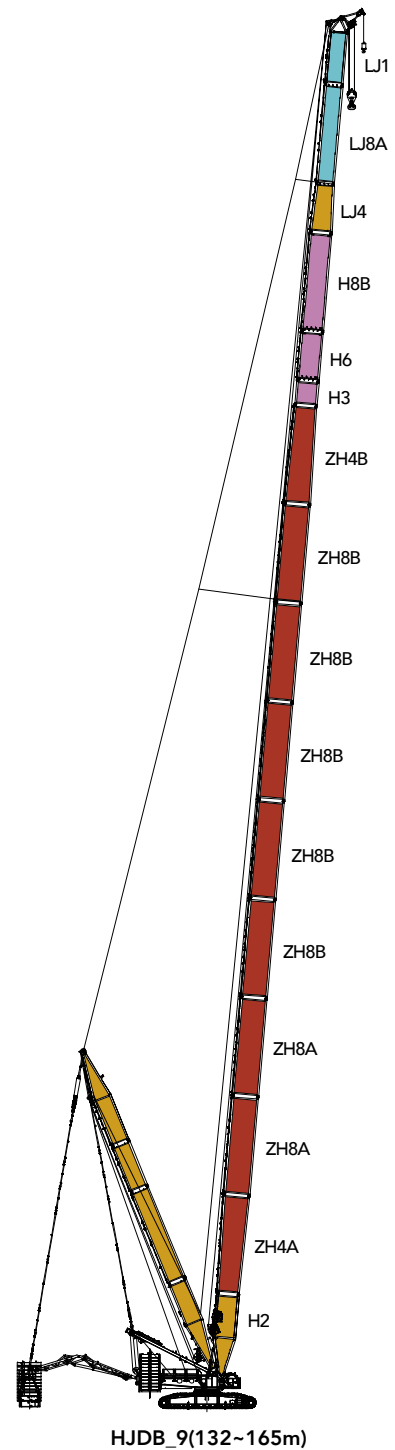
Load chart of HJDB_7 configuration

| SCC7500A- HJDB_7 configuration | | | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 114m~165m, Superlift radius: 21m, Superlift Counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | | | | | | | | | | | |
| Radius (m) | 114 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 16 | 285 | 255 | 240 | | | | | | | | | | | | | | | 16 |
| 18 | 285 | 255 | 240 | 231 | 220 | 208 | 197 | 186 | 176 | | | | | | | | | 18 |
| 20 | 285 | 255 | 240 | 231 | 220 | 208 | 197 | 186 | 176 | 166 | 156 | 150 | 142 | 134 | 128 | | | 20 |
| 22 | 275 | 255 | 240 | 231 | 220 | 208 | 197 | 186 | 176 | 166 | 156 | 150 | 142 | 134 | 127 | 120 | 113 | 22 |
| 24 | 253 | 243 | 238 | 231 | 220 | 208 | 197 | 186 | 176 | 166 | 156 | 150 | 142 | 134 | 126 | 119 | 112 | 24 |
| 26 | 234 | 225 | 220 | 217 | 212 | 208 | 197 | 186 | 176 | 166 | 156 | 150 | 141 | 133 | 126 | 118 | 111 | 26 |
| 28 | 219 | 210 | 205 | 202 | 197 | 194 | 190 | 186 | 176 | 166 | 156 | 150 | 140 | 132 | 125 | 117 | 110 | 28 |
| 30 | 205 | 196 | 192 | 189 | 185 | 181 | 177 | 175 | 171 | 166 | 156 | 148 | 139 | 132 | 124 | 117 | 110 | 30 |
| 32 | 193 | 185 | 181 | 177 | 173 | 170 | 166 | 164 | 160 | 157 | 154 | 147 | 139 | 131 | 123 | 116 | 109 | 32 |
| 34 | 182 | 174 | 170 | 167 | 163 | 160 | 157 | 154 | 151 | 148 | 145 | 143 | 138 | 130 | 122 | 115 | 108 | 34 |
| 36 | 172 | 165 | 161 | 158 | 155 | 152 | 148 | 146 | 142 | 139 | 136 | 134 | 131 | 129 | 122 | 114 | 107 | 36 |
| 38 | 164 | 157 | 153 | 150 | 147 | 144 | 140 | 138 | 135 | 132 | 137 | 135 | 124 | 122 | 119 | 113 | 107 | 38 |
| 40 | 165 | 149 | 145 | 143 | 139 | 137 | 133 | 131 | 128 | 125 | 130 | 128 | 125 | 123 | 112 | 111 | 106 | 40 |
| 44 | 150 | 144 | 140 | 130 | 127 | 124 | 121 | 119 | 116 | 113 | 118 | 116 | 113 | 111 | 108 | 107 | 104 | 44 |
| 48 | 138 | 132 | 129 | 127 | 123 | 121 | 111 | 109 | 106 | 103 | 108 | 106 | 103 | 101 | 98.5 | 97.5 | 95.0 | 48 |
| 52 | 127 | 122 | 119 | 117 | 114 | 111 | 108 | 106 | 104 | 95.2 | 99.2 | 97.5 | 94.8 | 92.6 | 90.1 | 89.1 | 86.7 | 52 |
| 56 | 118 | 113 | 110 | 108 | 105 | 103 | 100 | 98.9 | 96.2 | 94.0 | 91.5 | 89.8 | 87.3 | 85.2 | 82.7 | 81.9 | 79.5 | 56 |
| 60 | 116 | 105 | 102 | 100 | 98.1 | 96.0 | 93.3 | 91.7 | 89.1 | 87.1 | 84.7 | 83.1 | 80.6 | 78.7 | 76.2 | 75.5 | 73.1 | 60 |
| 64 | 108 | 104 | 102 | 93.8 | 91.3 | 89.3 | 86.8 | 85.3 | 82.8 | 80.9 | 78.6 | 77.1 | 74.7 | 72.8 | 70.5 | 69.8 | 67.5 | 64 |
| 68 | 101 | 97.5 | 95.2 | 93.7 | 91.3 | 83.3 | 80.9 | 79.5 | 77.2 | 75.3 | 79.0 | 77.6 | 75.2 | 67.6 | 65.3 | 64.7 | 62.5 | 68 |
| 72 | 94.6 | 91.0 | 88.9 | 87.6 | 85.4 | 83.6 | 81.3 | 74.2 | 72.0 | 70.2 | 73.8 | 72.4 | 70.1 | 68.3 | 66.1 | 60.1 | 57.9 | 72 |
| 76 | 94.7 | 85.1 | 79.9 | 82.0 | 79.9 | 78.3 | 76.1 | 74.9 | 72.7 | 65.5 | 69.0 | 67.7 | 65.5 | 63.8 | 61.6 | 61.0 | 58.9 | 76 |
| 80 | 84.5 | 75.0 | 69.8 | 76.7 | 74.7 | 73.3 | 71.2 | 70.2 | 68.1 | 66.5 | 64.5 | 63.3 | 61.2 | 59.6 | 57.4 | 57.0 | 54.9 | 80 |
| 84 | 73.9 | 66.7 | 62.3 | 77.5 | 75.7 | 68.6 | 66.7 | 65.7 | 63.7 | 62.2 | 60.4 | 59.3 | 57.2 | 55.6 | 53.6 | 53.2 | 51.2 | 84 |
| 88 | 64.8 | 58.7 | 53.0 | 72.6 | 70.9 | 69.7 | 62.4 | 61.5 | 59.7 | 58.2 | 61.8 | 60.8 | 53.5 | 52.0 | 50.0 | 49.7 | 47.7 | 88 |
| 92 | 55.9 | 50.2 | 45.9 | 67.9 | 66.3 | 65.3 | 63.6 | 62.8 | 55.8 | 54.5 | 58.0 | 57.0 | 55.1 | 53.6 | 46.7 | 46.4 | 44.5 | 92 |
| 96 | 47.5 | 42.0 | 39.1 | 67.0 | 62.0 | 61.0 | 59.5 | 58.9 | 57.2 | 55.9 | 54.3 | 53.5 | 51.6 | 50.2 | 48.4 | 48.1 | 41.4 | 96 |
| 100 | 39.5 | 35.0 | 31.7 | 62.6 | 61.4 | 57.0 | 55.5 | 55.1 | 53.5 | 52.4 | 50.8 | 50.1 | 48.3 | 47.0 | 45.2 | 45.0 | 43.2 | 100 |
| 104 | | 28.3 | 24.8 | 58.5 | 57.3 | 56.6 | 55.4 | 51.4 | 49.9 | 48.9 | 52.0 | 46.8 | 45.1 | 43.9 | 42.2 | 42.1 | 40.3 | 104 |
| 108 | | | 19.0 | 54.7 | 53.5 | 52.8 | 51.6 | 51.4 | 50.2 | 45.6 | 48.2 | 48.0 | 46.8 | 41.0 | 39.3 | 39.3 | 37.6 | 108 |
| 112 | | | | | 50.0 | 49.3 | 48.1 | 47.9 | 46.7 | 46.0 | 44.7 | 44.5 | 43.3 | 42.5 | 36.5 | 36.6 | 34.9 | 112 |
| 116 | | | | | | 46.0 | 44.8 | 44.6 | 43.4 | 42.7 | 41.5 | 41.2 | 40.0 | 39.3 | 38.1 | 38.5 | 32.4 | 116 |
| 120 | | | | | | | | 41.5 | 40.3 | 39.6 | 38.4 | 38.1 | 36.9 | 36.2 | 35.0 | 35.5 | 34.3 | 120 |
| 124 | | | | | | | | | 37.4 | 36.7 | 35.5 | 35.3 | 34.1 | 33.3 | 32.2 | 32.6 | 31.4 | 124 |
| 128 | | | | | | | | | | | 32.8 | 32.5 | 31.4 | 30.7 | 29.5 | 29.9 | 28.7 | 128 |
| 132 | | | | | | | | | | | | 30.0 | 28.8 | 28.1 | 26.9 | 27.4 | 26.2 | 132 |
| 136 | | | | | | | | | | | | | | 25.7 | 24.5 | 25.0 | 23.8 | 136 |
| 140 | | | | | | | | | | | | | | | 22.3 | 22.7 | 21.6 | 140 |
| 144 | | | | | | | | | | | | | | | | | 19.4 | 144 |

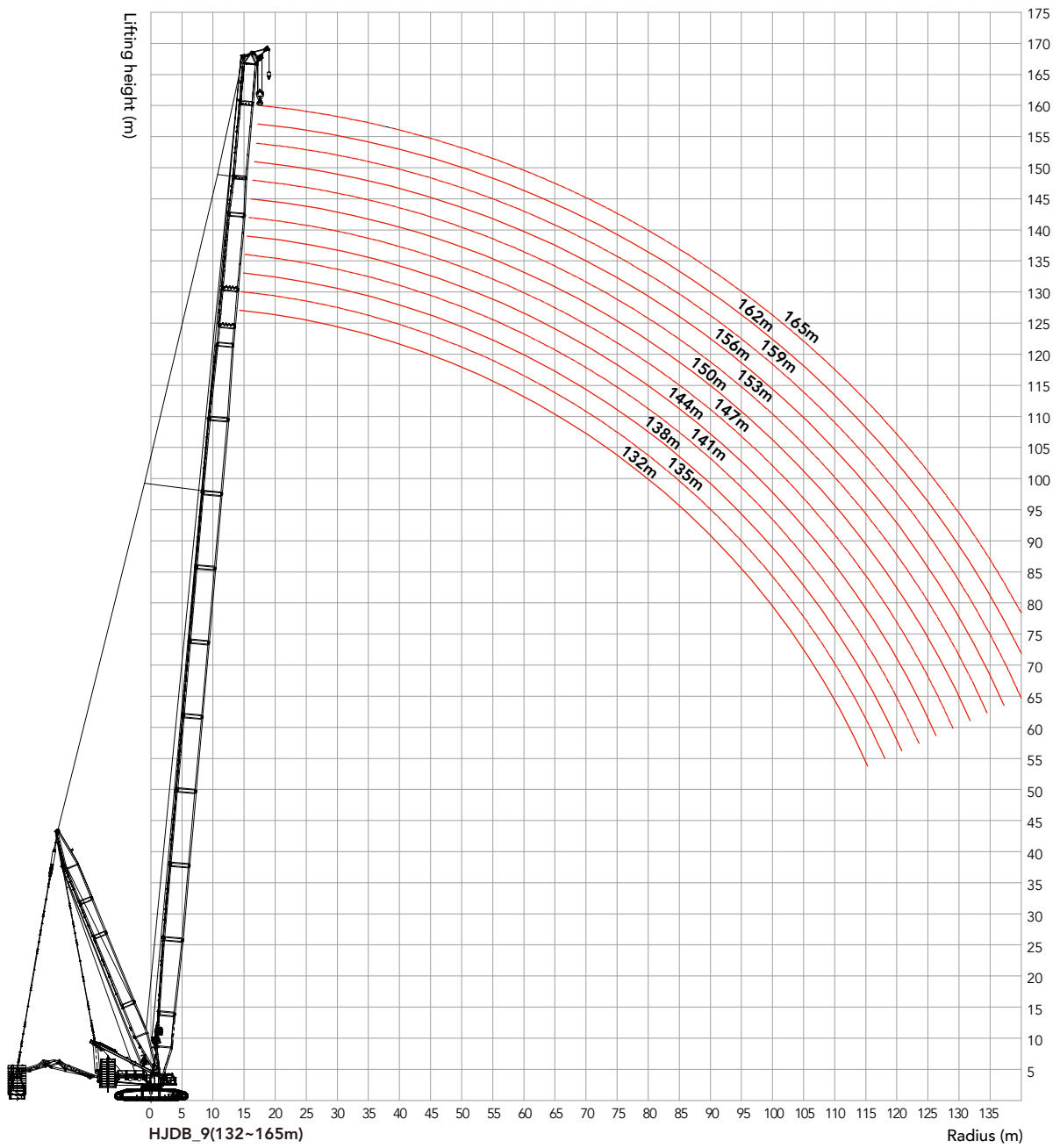
HJDB_9 Boom Combination

| HJDB_9 Boom Combination | | | | |
|-------------------------|------------|-------------|----|-----|
| Boom length(m) | Power boom | Boom insert | | |
| | 12m | 3m | 6m | 12m |
| 132* | 8 | 0 | 0 | 0 |
| 135* | 8 | 1 | 0 | 0 |
| 138* | 8 | 0 | 1 | 0 |
| 141* | 8 | 1 | 1 | 0 |
| 144* | 9 | 0 | 0 | 0 |
| 147* | 9 | 1 | 0 | 0 |
| 150* | 9 | 0 | 1 | 0 |
| 153* | 9 | 1 | 1 | 0 |
| 156* | 9 | 0 | 0 | 1 |
| 159* | 9 | 1 | 0 | 1 |
| 162* | 9 | 0 | 1 | 1 |
| 165* | 9 | 1 | 1 | 1 |

Note: Boom base, 6m tapered section, 12m jib insert and jib top are must.
For combinations marked with "*", the mid-point suspension cable is must, otherwise, the boom may break.



Working radius of HJDB_9 configuration



Unit: t

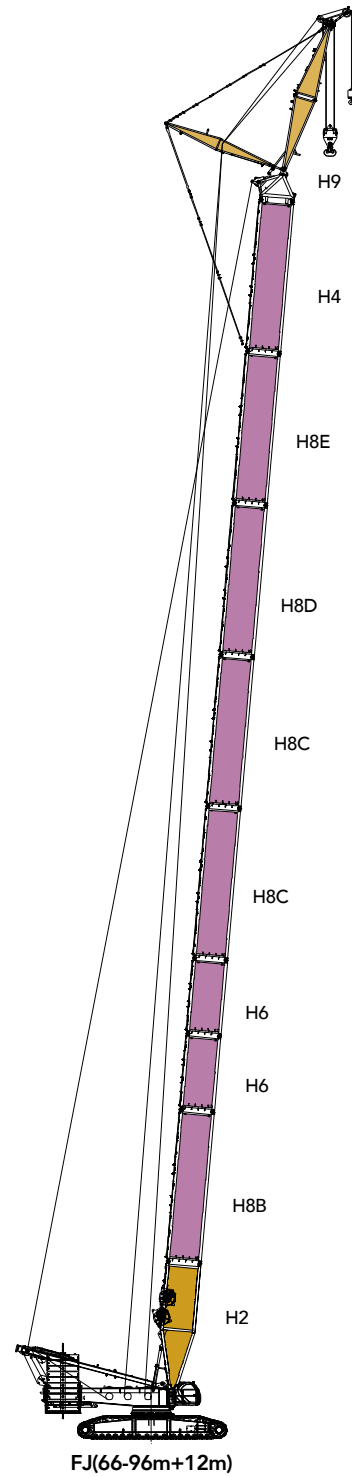
Load chart of HJDB configuration

| SCC7500A- HJDB_9 configuration | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 132m~165m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | |
| Radius (m) | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 18 | 214 | 202 | 192 | 182 | | | | | | | | | 18 |
| 20 | 214 | 203 | 192 | 182 | 173 | 165 | 157 | 149 | 142 | 135 | | | 20 |
| 22 | 215 | 204 | 192 | 183 | 174 | 165 | 157 | 149 | 142 | 135 | 129 | 122 | 22 |
| 24 | 214 | 203 | 193 | 183 | 174 | 165 | 157 | 150 | 143 | 135 | 128 | 122 | 24 |
| 26 | 215 | 203 | 193 | 183 | 174 | 165 | 158 | 150 | 143 | 135 | 128 | 121 | 26 |
| 28 | 209 | 203 | 193 | 183 | 175 | 166 | 158 | 150 | 142 | 135 | 128 | 120 | 28 |
| 30 | 194 | 190 | 187 | 183 | 175 | 167 | 159 | 149 | 142 | 135 | 127 | 120 | 30 |
| 32 | 182 | 178 | 175 | 171 | 168 | 165 | 158 | 149 | 142 | 134 | 126 | 119 | 32 |
| 34 | 171 | 167 | 164 | 160 | 158 | 154 | 151 | 148 | 141 | 133 | 126 | 118 | 34 |
| 36 | 161 | 157 | 154 | 151 | 148 | 145 | 142 | 139 | 137 | 132 | 125 | 117 | 36 |
| 38 | 152 | 148 | 146 | 142 | 140 | 137 | 134 | 131 | 129 | 126 | 124 | 117 | 38 |
| 40 | 144 | 141 | 138 | 135 | 132 | 129 | 127 | 124 | 122 | 119 | 116 | 114 | 40 |
| 44 | 137 | 134 | 131 | 128 | 126 | 122 | 120 | 117 | 115 | 112 | 110 | 107 | 44 |
| 48 | 132 | 129 | 126 | 123 | 114 | 111 | 108 | 106 | 104 | 101 | 99.3 | 96.7 | 48 |
| 52 | 121 | 118 | 116 | 113 | 111 | 108 | 105 | 96.3 | 94.7 | 92.0 | 90.0 | 87.4 | 52 |
| 56 | 112 | 109 | 106 | 104 | 102 | 99.4 | 97.2 | 94.4 | 92.8 | 90.2 | 88.1 | 79.4 | 56 |
| 60 | 103 | 101 | 98.9 | 96.1 | 94.4 | 91.6 | 89.6 | 86.9 | 85.4 | 82.8 | 80.9 | 78.4 | 60 |
| 64 | 96.5 | 93.8 | 91.7 | 89.1 | 87.5 | 84.8 | 82.8 | 80.3 | 78.9 | 76.4 | 74.5 | 72.0 | 64 |
| 68 | 96.3 | 87.3 | 85.3 | 82.8 | 81.3 | 78.8 | 76.9 | 74.4 | 73.0 | 70.6 | 68.8 | 66.4 | 68 |
| 72 | 89.9 | 87.4 | 85.6 | 77.1 | 75.7 | 73.3 | 71.5 | 69.1 | 67.8 | 65.4 | 63.7 | 61.4 | 72 |
| 76 | 84.1 | 81.8 | 80.0 | 77.7 | 76.3 | 73.9 | 66.5 | 64.2 | 63.0 | 60.8 | 59.0 | 56.8 | 76 |
| 80 | 78.8 | 76.5 | 74.9 | 72.6 | 71.4 | 69.1 | 67.4 | 65.1 | 58.7 | 56.5 | 54.8 | 52.6 | 80 |
| 84 | 73.8 | 71.7 | 70.1 | 68.0 | 66.8 | 64.6 | 63.0 | 60.8 | 59.8 | 57.6 | 50.9 | 48.8 | 84 |
| 88 | 74.8 | 72.8 | 65.7 | 63.7 | 62.6 | 60.5 | 59.0 | 56.9 | 55.8 | 53.7 | 52.2 | 50.1 | 88 |
| 92 | 70.2 | 68.3 | 67.0 | 65.0 | 58.6 | 56.6 | 55.2 | 53.1 | 52.2 | 50.1 | 48.7 | 46.6 | 92 |
| 96 | 65.5 | 64.0 | 62.8 | 61.0 | 60.1 | 58.1 | 51.6 | 49.6 | 48.8 | 46.8 | 45.4 | 43.4 | 96 |
| 100 | 61.1 | 59.8 | 58.8 | 57.1 | 56.3 | 54.5 | 53.2 | 46.3 | 45.5 | 43.6 | 42.3 | 40.3 | 100 |
| 104 | 57.0 | 55.7 | 55.0 | 53.4 | 52.7 | 51.0 | 49.8 | 48.0 | 47.2 | 40.6 | 39.3 | 37.4 | 104 |
| 108 | 53.2 | 52.0 | 51.3 | 50.0 | 49.3 | 47.6 | 46.5 | 44.8 | 44.1 | 42.3 | 41.1 | 34.7 | 108 |
| 112 | 49.7 | 48.4 | 47.8 | 46.5 | 46.3 | 44.4 | 43.4 | 41.7 | 41.2 | 39.4 | 38.2 | 36.5 | 112 |
| 116 | 46.4 | 45.1 | 44.5 | 43.2 | 43.0 | 41.7 | 41.0 | 38.8 | 38.3 | 36.7 | 35.5 | 33.8 | 116 |
| 120 | | | 41.4 | 40.2 | 39.9 | 38.6 | 38.0 | 36.7 | 36.5 | 34.0 | 32.9 | 31.3 | 120 |
| 124 | | | | 37.3 | 37.0 | 35.8 | 35.1 | 33.8 | 33.7 | 32.4 | 30.4 | 28.8 | 124 |
| 128 | | | | | | 33.1 | 32.4 | 31.1 | 31.0 | 29.7 | 29.0 | 27.8 | 128 |
| 132 | | | | | | | 29.8 | 28.6 | 28.4 | 27.2 | 26.5 | 25.2 | 132 |
| 136 | | | | | | | | | 26.0 | 24.8 | 24.1 | 22.9 | 136 |
| 140 | | | | | | | | | | 22.5 | 21.8 | 20.6 | 140 |
| 144 | | | | | | | | | | | | 18.4 | 144 |

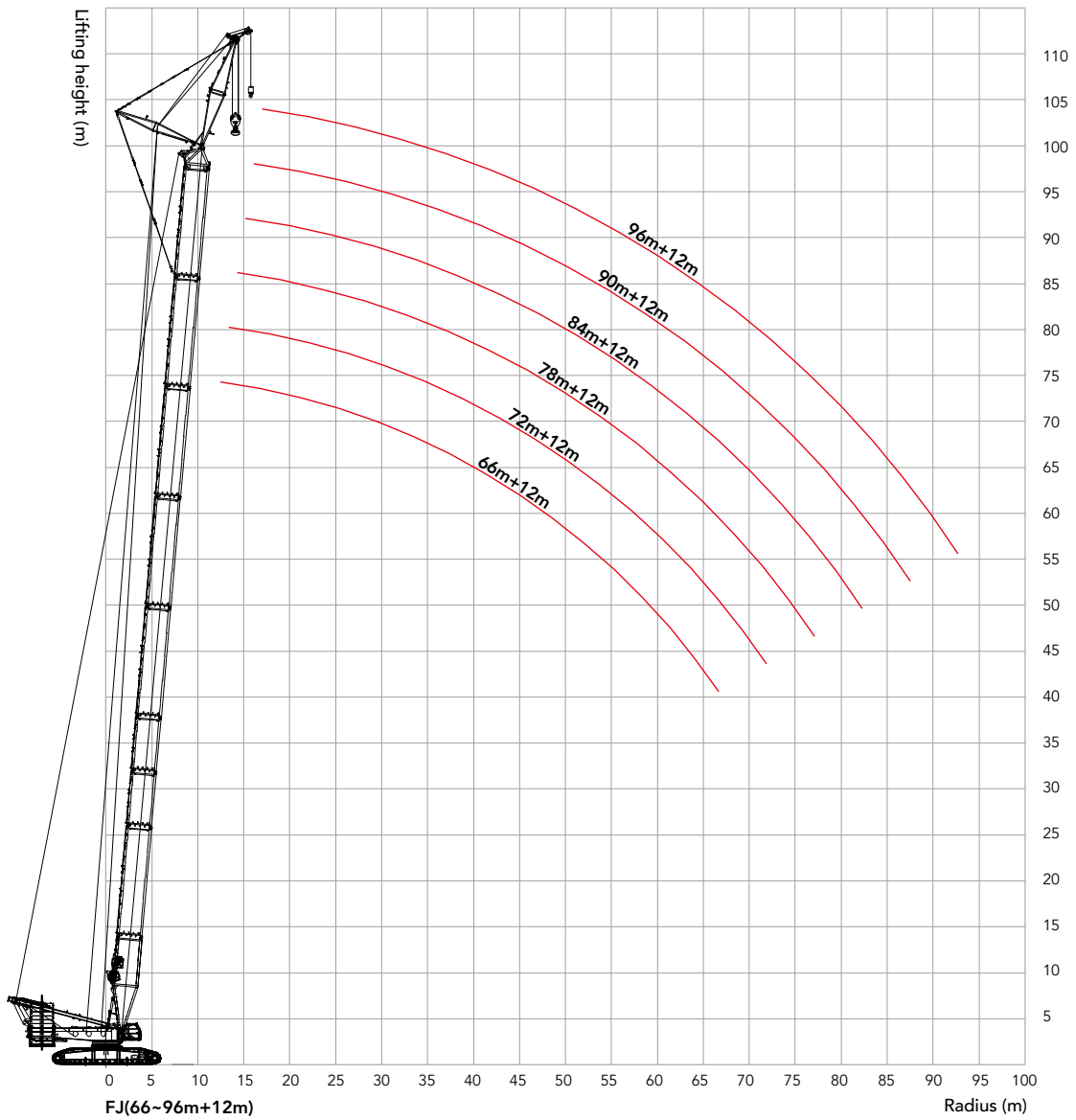
FJ Boom Combination

| FJ Boom Combination | | | |
|---------------------|-------------|-----|---------------|
| Boom length(m) | Boom insert | | |
| | 6m | 12m | |
| 66 | 1 | 3 | Fixed jib 12m |
| 72 | 2 | 3 | |
| 78 | 1 | 4 | |
| 84 | 2 | 4 | |
| 90 | 1 | 5 | |
| 96 | 2 | 5 | |

Note: Boom base, 12m transition section, boom top are must.



Working Radius of FJ configuration



Load chart of FJ configuration

| SCC7500A-FJ configuration 1/3 | | | | | | | |
|---|------|------|------|------|------|------|------------|
| Boom length: 66m~96m, Jib length:12m, Boom to jib angle: 10°, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | |
| Radius (m) | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 12 | 168 | 167 | | | | | 12 |
| 13 | 165 | 166 | 163 | 162 | | | 13 |
| 14 | 162 | 163 | 160 | 159 | 158 | 156 | 14 |
| 15 | 160 | 159 | 156 | 155 | 153 | 152 | 15 |
| 16 | 158 | 156 | 152 | 150 | 148 | 147 | 16 |
| 17 | 156 | 153 | 149 | 145 | 142 | 139 | 17 |
| 18 | 154 | 150 | 146 | 141 | 136 | 131 | 18 |
| 19 | 148 | 143 | 138 | 134 | 129 | 124 | 19 |
| 20 | 140 | 135 | 131 | 126 | 122 | 117 | 20 |
| 22 | 126 | 122 | 118 | 113 | 110 | 106 | 22 |
| 24 | 114 | 110 | 107 | 103 | 99.4 | 95.5 | 24 |
| 26 | 104 | 100 | 97.2 | 93.5 | 90.4 | 86.8 | 26 |
| 28 | 95.5 | 91.8 | 89.0 | 85.4 | 82.6 | 79.2 | 28 |
| 30 | 87.8 | 84.3 | 81.7 | 78.3 | 75.7 | 72.4 | 30 |
| 32 | 81.0 | 77.7 | 75.2 | 72.0 | 69.5 | 66.4 | 32 |
| 34 | 75.0 | 71.8 | 69.4 | 66.4 | 64.0 | 61.0 | 34 |
| 36 | 69.5 | 66.5 | 64.2 | 61.3 | 59.0 | 56.2 | 36 |
| 38 | 64.7 | 61.7 | 59.6 | 56.7 | 54.6 | 51.8 | 38 |
| 40 | 60.2 | 57.4 | 55.3 | 52.5 | 50.5 | 47.8 | 40 |
| 44 | 51.7 | 49.8 | 47.9 | 45.2 | 43.3 | 40.7 | 44 |
| 48 | 44.7 | 43.1 | 41.6 | 39.1 | 37.3 | 34.8 | 48 |
| 52 | 38.9 | 37.3 | 36.3 | 33.8 | 32.1 | 29.6 | 52 |
| 56 | 33.9 | 32.3 | 31.4 | 29.2 | 27.6 | 25.2 | 56 |
| 60 | 29.6 | 28.0 | 27.2 | 25.2 | 23.6 | 21.3 | 60 |
| 64 | 25.9 | 24.3 | 23.4 | 21.7 | 20.1 | 17.8 | 64 |
| 68 | 22.6 | 21.0 | 20.2 | 18.5 | 17.0 | 14.7 | 68 |
| 72 | | 18.1 | 17.3 | 15.7 | 14.2 | 12.0 | 72 |
| 76 | | 15.5 | 14.7 | 13.1 | 11.7 | 9.5 | 76 |
| 80 | | | 12.3 | 10.8 | 9.4 | 7.2 | 80 |
| 84 | | | | 8.6 | 7.3 | 5.2 | 84 |
| 88 | | | | | 5.4 | | 88 |

Unit: t

Load chart of FJ configuration

| SCC7500A-FJ configuration 2/3 | | | | | | | |
|---|------|------|------|------|------|------|------------|
| Boom length: 66m~96m, Jib length:12m, Boom to jib angle: 15°, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | |
| Radius (m) | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 13 | 150 | 148 | | | | | 13 |
| 14 | 149 | 147 | 146 | 145 | | | 14 |
| 15 | 148 | 146 | 145 | 144 | 141 | 135 | 15 |
| 16 | 147 | 145 | 144 | 143 | 140 | 134 | 16 |
| 17 | 146 | 143 | 142 | 141 | 139 | 133 | 17 |
| 18 | 144 | 141 | 140 | 138 | 136 | 130 | 18 |
| 19 | 142 | 139 | 137 | 134 | 130 | 126 | 19 |
| 20 | 139 | 135 | 132 | 127 | 123 | 119 | 20 |
| 22 | 127 | 123 | 119 | 115 | 111 | 107 | 22 |
| 24 | 115 | 111 | 108 | 104 | 101 | 96.8 | 24 |
| 26 | 105 | 101 | 98.3 | 94.6 | 91.5 | 88 | 26 |
| 28 | 96.4 | 92.7 | 89.9 | 86.4 | 83.6 | 80.3 | 28 |
| 30 | 88.6 | 85.2 | 82.5 | 79.2 | 76.6 | 73.4 | 30 |
| 32 | 81.8 | 78.5 | 76.0 | 72.9 | 70.4 | 67.3 | 32 |
| 34 | 75.6 | 72.5 | 70.2 | 67.2 | 64.8 | 61.9 | 34 |
| 36 | 70.2 | 67.2 | 65.0 | 62.0 | 59.8 | 57.0 | 36 |
| 38 | 65.2 | 62.3 | 60.2 | 57.4 | 55.3 | 52.5 | 38 |
| 40 | 60.7 | 57.9 | 55.9 | 53.2 | 51.2 | 48.5 | 40 |
| 44 | 52.1 | 50.3 | 48.4 | 45.8 | 43.9 | 41.4 | 44 |
| 48 | 45.1 | 43.5 | 42.1 | 39.6 | 37.8 | 35.4 | 48 |
| 52 | 39.2 | 37.6 | 36.7 | 34.3 | 32.6 | 30.2 | 52 |
| 56 | 34.2 | 32.6 | 31.8 | 29.6 | 28.0 | 25.7 | 56 |
| 60 | 29.9 | 28.3 | 27.5 | 25.6 | 24.0 | 21.7 | 60 |
| 64 | 26.1 | 24.5 | 23.7 | 22.0 | 20.4 | 18.2 | 64 |
| 68 | 22.7 | 21.2 | 20.4 | 18.8 | 17.3 | 15.1 | 68 |
| 72 | | 18.3 | 17.5 | 15.9 | 14.5 | 12.3 | 72 |
| 76 | | 15.6 | 14.8 | 13.3 | 11.9 | 9.8 | 76 |
| 80 | | | 12.5 | 10.9 | 9.6 | 7.5 | 80 |
| 84 | | | | 8.8 | 7.5 | 5.4 | 84 |
| 88 | | | | | 5.6 | | 88 |

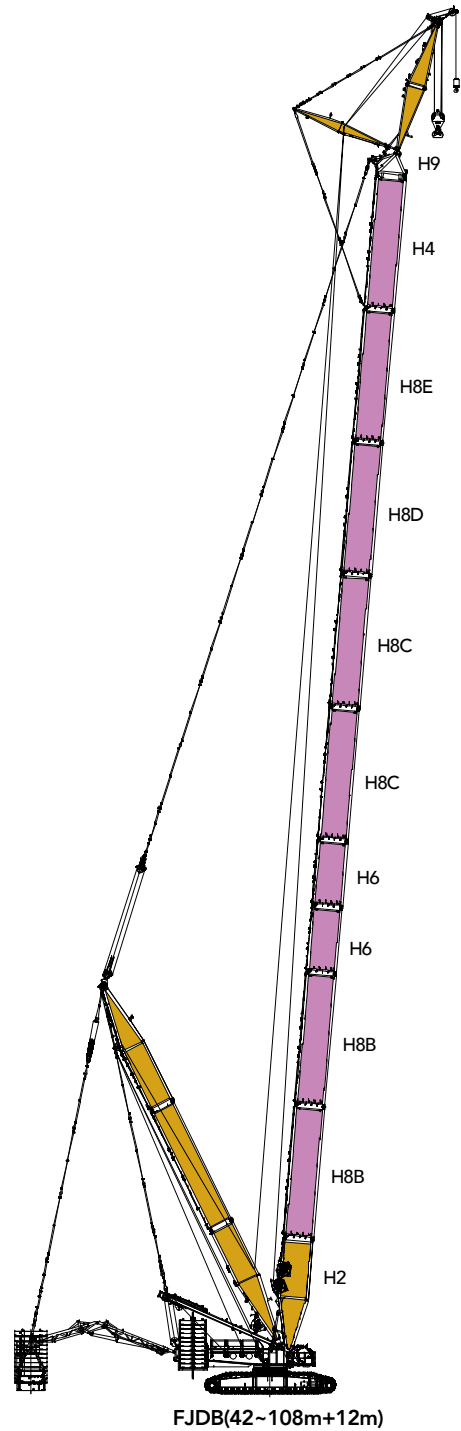
Load chart of FJ configuration

| SCC7500A-FJ configuration 3/3 | | | | | | | |
|---|------|------|------|------|------|------|------------|
| Boom length: 66m~96m, Jib length:12m, Boom to jib angle: 20°, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | |
| Radius (m) | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 14 | 135 | 133 | | | | | 14 |
| 15 | 132 | 131 | 129 | 127 | | | 15 |
| 16 | 129 | 129 | 127 | 126 | 125 | 124 | 16 |
| 17 | 126 | 127 | 125 | 123 | 122 | 121 | 17 |
| 18 | 123 | 125 | 123 | 121 | 120 | 119 | 18 |
| 19 | 121 | 123 | 121 | 118 | 117 | 116 | 19 |
| 20 | 119 | 121 | 119 | 116 | 115 | 114 | 20 |
| 22 | 114 | 117 | 115 | 112 | 110 | 108 | 22 |
| 24 | 108 | 112 | 109 | 105 | 102 | 98.2 | 24 |
| 26 | 102 | 102 | 99.3 | 95.6 | 92.6 | 89.1 | 26 |
| 28 | 96.2 | 93.7 | 90.8 | 87.4 | 84.6 | 81.3 | 28 |
| 30 | 89.4 | 86 | 83.4 | 80.1 | 77.5 | 74.4 | 30 |
| 32 | 82.5 | 79.2 | 76.8 | 73.7 | 71.3 | 68.3 | 32 |
| 34 | 76.3 | 73.2 | 70.9 | 67.9 | 65.6 | 62.8 | 34 |
| 36 | 70.8 | 67.8 | 65.6 | 62.8 | 60.6 | 57.8 | 36 |
| 38 | 65.8 | 62.9 | 60.9 | 58.1 | 56.0 | 53.3 | 38 |
| 40 | 61.2 | 58.5 | 56.5 | 53.8 | 51.8 | 49.2 | 40 |
| 44 | 52.6 | 50.8 | 49.0 | 46.4 | 44.5 | 42.0 | 44 |
| 48 | 45.5 | 43.9 | 42.6 | 40.1 | 38.3 | 35.9 | 48 |
| 52 | 39.5 | 38.0 | 37.1 | 34.7 | 33.0 | 30.7 | 52 |
| 56 | 34.4 | 32.9 | 32.1 | 30.0 | 28.4 | 26.1 | 56 |
| 60 | 30.1 | 28.6 | 27.8 | 25.9 | 24.3 | 22.1 | 60 |
| 64 | 26.3 | 24.8 | 24.0 | 22.3 | 20.8 | 18.6 | 64 |
| 68 | 22.9 | 21.4 | 20.6 | 19.0 | 17.6 | 15.4 | 68 |
| 72 | | 18.4 | 17.6 | 16.1 | 14.7 | 12.6 | 72 |
| 76 | | 15.7 | 15.0 | 13.5 | 12.1 | 10.0 | 76 |
| 80 | | | 12.6 | 11.1 | 9.8 | 7.7 | 80 |
| 84 | | | | 8.9 | 7.6 | 5.6 | 84 |
| 88 | | | | | 5.7 | | 88 |

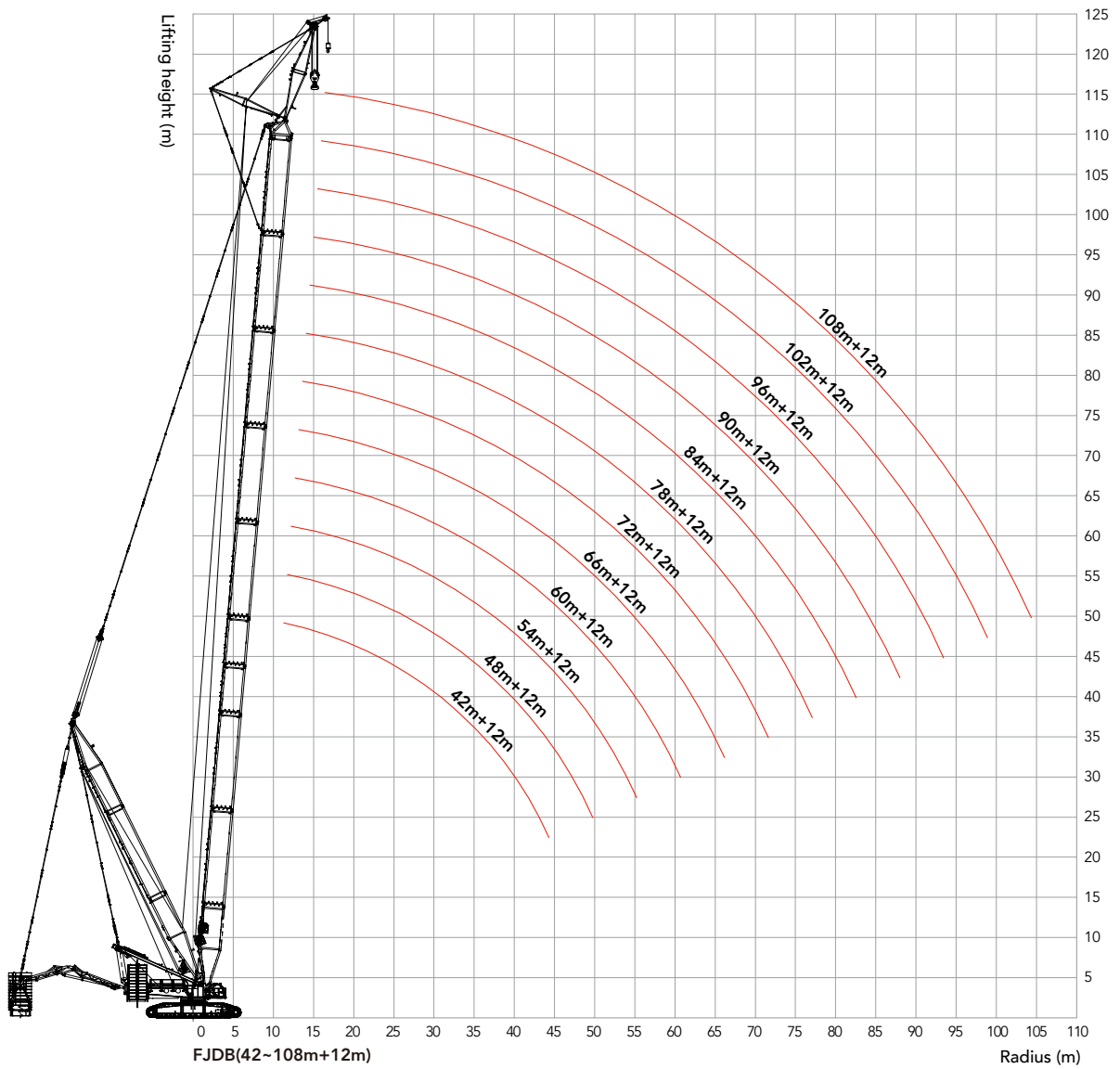
FJDB Boom Combination

| FJDB Boom Combination | | | |
|-----------------------|-------------|-----|---------------|
| Boom length(m) | Boom insert | | |
| | 6m | 12m | |
| 42 | 1 | 1 | Fixed jib 12m |
| 48 | 2 | 1 | |
| 54 | 1 | 2 | |
| 60 | 2 | 2 | |
| 66 | 1 | 3 | |
| 72 | 2 | 3 | |
| 78 | 1 | 4 | |
| 84 | 2 | 4 | |
| 90 | 1 | 5 | |
| 96 | 2 | 5 | |
| 102 | 1 | 6 | |
| 108 | 2 | 6 | |

Note: Boom base, 12m transition section, boom top are must.



Working Radius of FJDB Configuration



Unit: t

Load Chart of FJDB Configuration

| SCC7500A-FJDB configuration 1/3 | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 42m~108m, Jib length:12m, Boom to jib angle: 10°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | | | | | | |
| Radius (m) | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 | 108 | Radius (m) |
| 11 | 168 | 168 | | | | | | | | | | | 11 |
| 12 | 164 | 168 | 168 | 168 | | | | | | | | | 12 |
| 14 | 151 | 153 | 158 | 164 | 166 | 168 | 168 | 168 | | | | | 14 |
| 16 | 138 | 142 | 147 | 151 | 155 | 159 | 164 | 166 | 168 | 168 | 165 | | 16 |
| 18 | 127 | 130 | 138 | 142 | 145 | 150 | 155 | 158 | 161 | 162 | 164 | 149 | 18 |
| 20 | 118 | 122 | 127 | 132 | 134 | 141 | 144 | 148 | 152 | 153 | 156 | 149 | 20 |
| 22 | 111 | 115 | 121 | 125 | 128 | 134 | 138 | 141 | 144 | 146 | 149 | 149 | 22 |
| 24 | 105 | 108 | 115 | 119 | 122 | 129 | 131 | 135 | 137 | 140 | 143 | 146 | 24 |
| 26 | 99.9 | 104 | 109 | 111 | 116 | 121 | 126 | 129 | 132 | 134 | 136 | 139 | 26 |
| 28 | 93.5 | 99.4 | 103 | 106 | 111 | 117 | 119 | 123 | 127 | 128 | 132 | 134 | 28 |
| 30 | 89.4 | 94.7 | 98.4 | 102 | 105 | 111 | 115 | 118 | 121 | 123 | 126 | 129 | 30 |
| 32 | 85.1 | 90.3 | 93.9 | 98.8 | 100 | 105 | 110 | 114 | 117 | 119 | 121 | 125 | 32 |
| 34 | 81.4 | 85.9 | 90.3 | 95.1 | 94.3 | 102 | 106 | 108 | 112 | 115 | 117 | 120 | 34 |
| 36 | 78.2 | 82.3 | 86.7 | 90.8 | 91.8 | 98.6 | 101 | 104 | 108 | 110 | 113 | 116 | 36 |
| 38 | 74.8 | 78.0 | 82.8 | 86.3 | 89.7 | 95.1 | 98.2 | 101 | 106 | 107 | 110 | 112 | 38 |
| 40 | 72.2 | 76.5 | 79.7 | 82.9 | 86.0 | 91.5 | 93.9 | 97.6 | 101 | 102 | 105 | 107 | 40 |
| 44 | 67.5 | 72.4 | 75.0 | 79.3 | 81.9 | 85.6 | 88.2 | 91.2 | 96.7 | 98.4 | 100 | 102 | 44 |
| 48 | 63.3 | 67.0 | 71.3 | 74.6 | 77.4 | 80.8 | 82.2 | 86.9 | 90.8 | 92.7 | 94.2 | 97.2 | 48 |
| 52 | | 62.4 | 66.2 | 70.2 | 72.9 | 76.0 | 78.3 | 81.8 | 85.3 | 86.4 | 88.8 | 92.0 | 52 |
| 56 | | | 62.8 | 66.7 | 68.2 | 71.7 | 74.7 | 77.2 | 81.3 | 81.9 | 84.8 | 87.3 | 56 |
| 60 | | | | 63.7 | 65.7 | 69.0 | 70.3 | 74.2 | 76.7 | 78.9 | 81.0 | 82.9 | 60 |
| 64 | | | | | 62.7 | 65.7 | 67.8 | 70.8 | 72.2 | 75.6 | 76.6 | 80.2 | 64 |
| 68 | | | | | 59.5 | 63.2 | 66.1 | 68.1 | 69.5 | 72.0 | 73.4 | 77.1 | 68 |
| 72 | | | | | | 61.2 | 63.1 | 65.5 | 66.7 | 69.0 | 71.3 | 74.2 | 72 |
| 76 | | | | | | | 61.1 | 63.3 | 64.7 | 66.5 | 68.4 | 71.4 | 76 |
| 80 | | | | | | | | 61.4 | 62.8 | 64.9 | 66.8 | 68.7 | 80 |
| 84 | | | | | | | | | 61.1 | 63.2 | 64.1 | 66.7 | 84 |
| 88 | | | | | | | | | | 60.9 | 62.2 | 62.6 | 88 |
| 92 | | | | | | | | | | 59.4 | 59.4 | 57.7 | 92 |
| 96 | | | | | | | | | | | 54.8 | 53.1 | 96 |
| 100 | | | | | | | | | | | | 49.0 | 100 |

Load Chart of FJDB Configuration

| SCC7500A-FJDB configuration 2/3 | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 42m~108m, Jib length:12m, Boom to jib angle: 15°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | | | | | | |
| Radius (m) | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 | 108 | Radius (m) |
| 12 | 157 | 162 | | | | | | | | | | | 12 |
| 14 | 144 | 147 | 152 | 157 | 160 | 164 | | | | | | | 14 |
| 16 | 132 | 136 | 142 | 145 | 150 | 152 | 157 | 159 | 161 | 163 | | | 16 |
| 18 | 121 | 125 | 133 | 136 | 140 | 143 | 148 | 151 | 154 | 156 | 158 | 147 | 18 |
| 20 | 113 | 117 | 123 | 127 | 130 | 135 | 138 | 141 | 145 | 148 | 150 | 147 | 20 |
| 22 | 106 | 111 | 117 | 120 | 124 | 128 | 132 | 135 | 138 | 141 | 144 | 145 | 22 |
| 24 | 100 | 104 | 111 | 114 | 118 | 123 | 125 | 129 | 131 | 135 | 138 | 140 | 24 |
| 26 | 95.2 | 100 | 105 | 107 | 112 | 116 | 120 | 123 | 126 | 129 | 131 | 134 | 26 |
| 28 | 89.5 | 95.6 | 100 | 102 | 107 | 112 | 114 | 118 | 121 | 124 | 127 | 129 | 28 |
| 30 | 85.7 | 91.1 | 95.6 | 99.2 | 102 | 106 | 110 | 113 | 116 | 119 | 122 | 124 | 30 |
| 32 | 81.1 | 86.9 | 91.2 | 95.5 | 97.1 | 101 | 106 | 109 | 112 | 115 | 117 | 120 | 32 |
| 34 | 77.6 | 82.6 | 87.7 | 91.9 | 91.6 | 97.8 | 102 | 104 | 107 | 111 | 113 | 116 | 34 |
| 36 | 74.5 | 79.2 | 84.2 | 87.8 | 89.2 | 94.4 | 97.8 | 100 | 103 | 106 | 109 | 112 | 36 |
| 38 | 71.4 | 75.3 | 80.4 | 83.4 | 87.1 | 91.1 | 94.5 | 97.1 | 101 | 103 | 106 | 108 | 38 |
| 40 | 68.8 | 73.6 | 77.4 | 80.1 | 83.5 | 87.6 | 90.3 | 93.4 | 97.2 | 98.8 | 101 | 104 | 40 |
| 44 | 64.6 | 69.7 | 72.9 | 76.7 | 79.6 | 82.0 | 84.9 | 87.3 | 92.1 | 95.1 | 96.9 | 98.8 | 44 |
| 48 | 60.3 | 64.5 | 69.3 | 72.1 | 75.2 | 77.4 | 79.1 | 83.2 | 87.4 | 89.6 | 91.5 | 93.7 | 48 |
| 52 | | 60.1 | 64.3 | 67.9 | 70.8 | 72.8 | 75.3 | 78.4 | 82.1 | 83.5 | 86.3 | 88.7 | 52 |
| 56 | | | 61.1 | 64.5 | 66.3 | 68.7 | 71.9 | 73.9 | 78.2 | 79.2 | 82.4 | 84.2 | 56 |
| 60 | | | | 61.6 | 63.8 | 66.1 | 67.6 | 71.1 | 73.8 | 76.3 | 78.7 | 79.9 | 60 |
| 64 | | | | | 60.9 | 62.9 | 65.2 | 67.8 | 69.5 | 73.1 | 74.4 | 77.3 | 64 |
| 68 | | | | | | 57.8 | 60.5 | 63.6 | 65.2 | 66.9 | 69.6 | 71.3 | 68 |
| 72 | | | | | | | 58.6 | 60.7 | 62.7 | 64.2 | 66.7 | 69.3 | 72 |
| 76 | | | | | | | | 58.8 | 60.6 | 62.3 | 64.3 | 66.5 | 76 |
| 80 | | | | | | | | | 58.8 | 60.4 | 62.8 | 64.9 | 80 |
| 84 | | | | | | | | | | 58.8 | 61.1 | 62.3 | 84 |
| 88 | | | | | | | | | | | 57.2 | 58.9 | 88 |
| 92 | | | | | | | | | | | | 57.4 | 92 |
| 96 | | | | | | | | | | | | | 96 |
| 100 | | | | | | | | | | | | | 100 |

Unit: t

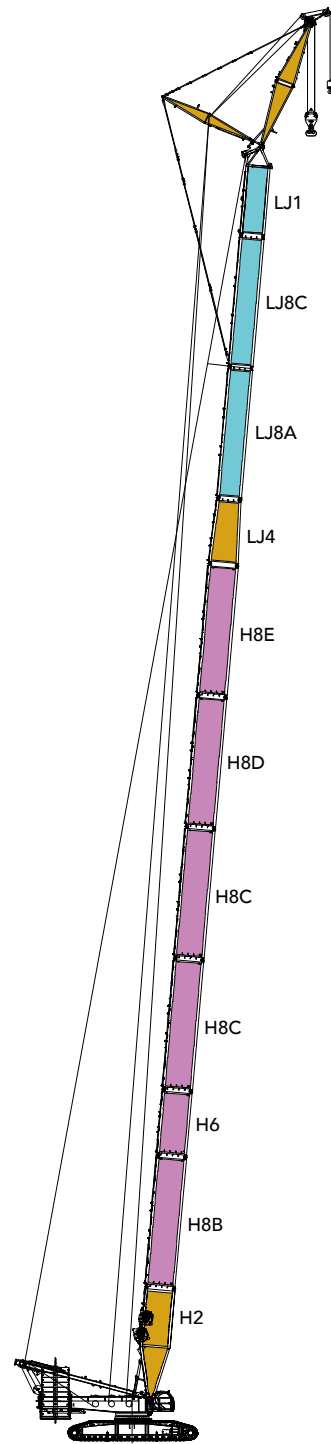
Load Chart of FJDB Configuration

| SCC7500A-FJDB configuration 3/3 | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 42m~108m, Jib length:12m, Boom to jib angle: 20°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | | | | | | |
| Radius (m) | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 | 108 | Radius (m) |
| 14 | 112 | 115 | 120 | 121 | | | | | | | | | 14 |
| 16 | 104 | 107 | 112 | 114 | 115 | 117 | 119 | 121 | | | | | 16 |
| 18 | 96.8 | 100 | 103 | 107 | 109 | 110 | 113 | 114 | 118 | 118 | 121 | 121 | 18 |
| 20 | 91.5 | 95.3 | 99.6 | 101 | 103 | 106 | 108 | 109 | 111 | 112 | 114 | 115 | 20 |
| 22 | 86.7 | 90.9 | 94.6 | 97.5 | 100 | 102 | 104 | 106 | 107 | 109 | 111 | 112 | 22 |
| 24 | 82.2 | 85.6 | 89.4 | 92.3 | 95.3 | 97.1 | 100 | 102 | 103 | 105 | 107 | 108 | 24 |
| 26 | 78.3 | 82.2 | 84.3 | 88.2 | 90.9 | 93.5 | 96.1 | 97.6 | 100 | 101 | 103 | 105 | 26 |
| 28 | 74.6 | 78.6 | 81.6 | 85.6 | 86.9 | 89.6 | 92.2 | 94.4 | 96.1 | 98.4 | 100 | 101 | 28 |
| 30 | 71.3 | 74.3 | 78.3 | 80.9 | 84.1 | 86.9 | 88.9 | 91.2 | 93.7 | 95.1 | 97.4 | 98.4 | 30 |
| 32 | 68.6 | 71.1 | 74.9 | 77.4 | 80.3 | 83.4 | 85.2 | 88.7 | 89.9 | 92.3 | 93.3 | 95.6 | 32 |
| 34 | 65.2 | 68.5 | 72.3 | 75.6 | 77.9 | 80.6 | 83.3 | 85.2 | 87.1 | 89.5 | 91.2 | 92.5 | 34 |
| 36 | 62.6 | 66.6 | 69.6 | 73.5 | 75.5 | 77.3 | 80.5 | 82.6 | 83.4 | 86.8 | 87.6 | 89.4 | 36 |
| 38 | 60.8 | 64.5 | 67.1 | 70.6 | 73.1 | 75.1 | 77.7 | 79.9 | 81.6 | 83.5 | 85.7 | 87.5 | 38 |
| 40 | 58.6 | 62.3 | 65.2 | 68.2 | 70.4 | 73.2 | 75.6 | 77.5 | 79.5 | 81.1 | 83.3 | 85.1 | 40 |
| 44 | 56.1 | 58.9 | 62.8 | 64.1 | 66.3 | 68.9 | 72.3 | 73.3 | 75.3 | 77.6 | 79.5 | 81.6 | 44 |
| 48 | 53.2 | 56.3 | 58.1 | 61.6 | 62.5 | 66.6 | 67.7 | 70.4 | 72.2 | 73.6 | 75.7 | 77.5 | 48 |
| 52 | | 52.9 | 55.5 | 58.5 | 60.6 | 62.7 | 64.6 | 66.6 | 68.9 | 70.5 | 72.2 | 74.6 | 52 |
| 56 | | | 53.9 | 55.6 | 57.9 | 59.2 | 61.5 | 64.1 | 65.6 | 67.3 | 68.4 | 71.2 | 56 |
| 60 | | | | 53.7 | 56.1 | 57.6 | 59.8 | 61.3 | 62.4 | 65.4 | 66.6 | 67.8 | 60 |
| 64 | | | | | 54.1 | 55.8 | 57.7 | 58.9 | 60.3 | 62.5 | 64.4 | 65.7 | 64 |
| 68 | | | | | 51.6 | 54.1 | 55.3 | 57.5 | 58.7 | 60.3 | 62.5 | 63.2 | 68 |
| 72 | | | | | | 52.3 | 54.1 | 55.4 | 57.1 | 58.8 | 60.2 | 61.6 | 72 |
| 76 | | | | | | | 52.6 | 53.9 | 55.1 | 57.1 | 57.9 | 59.5 | 76 |
| 80 | | | | | | | | 52.7 | 53.9 | 55.4 | 56.1 | 57.6 | 80 |
| 84 | | | | | | | | | 52.2 | 54.2 | 54.6 | 56.1 | 84 |
| 88 | | | | | | | | | 51.4 | 52.7 | 53.4 | 54.4 | 88 |
| 92 | | | | | | | | | | 47.6 | 52.5 | 53.4 | 92 |
| 96 | | | | | | | | | | | 51.7 | 52.3 | 96 |
| 100 | | | | | | | | | | | | 49.4 | 100 |

HJFJ Boom Combination

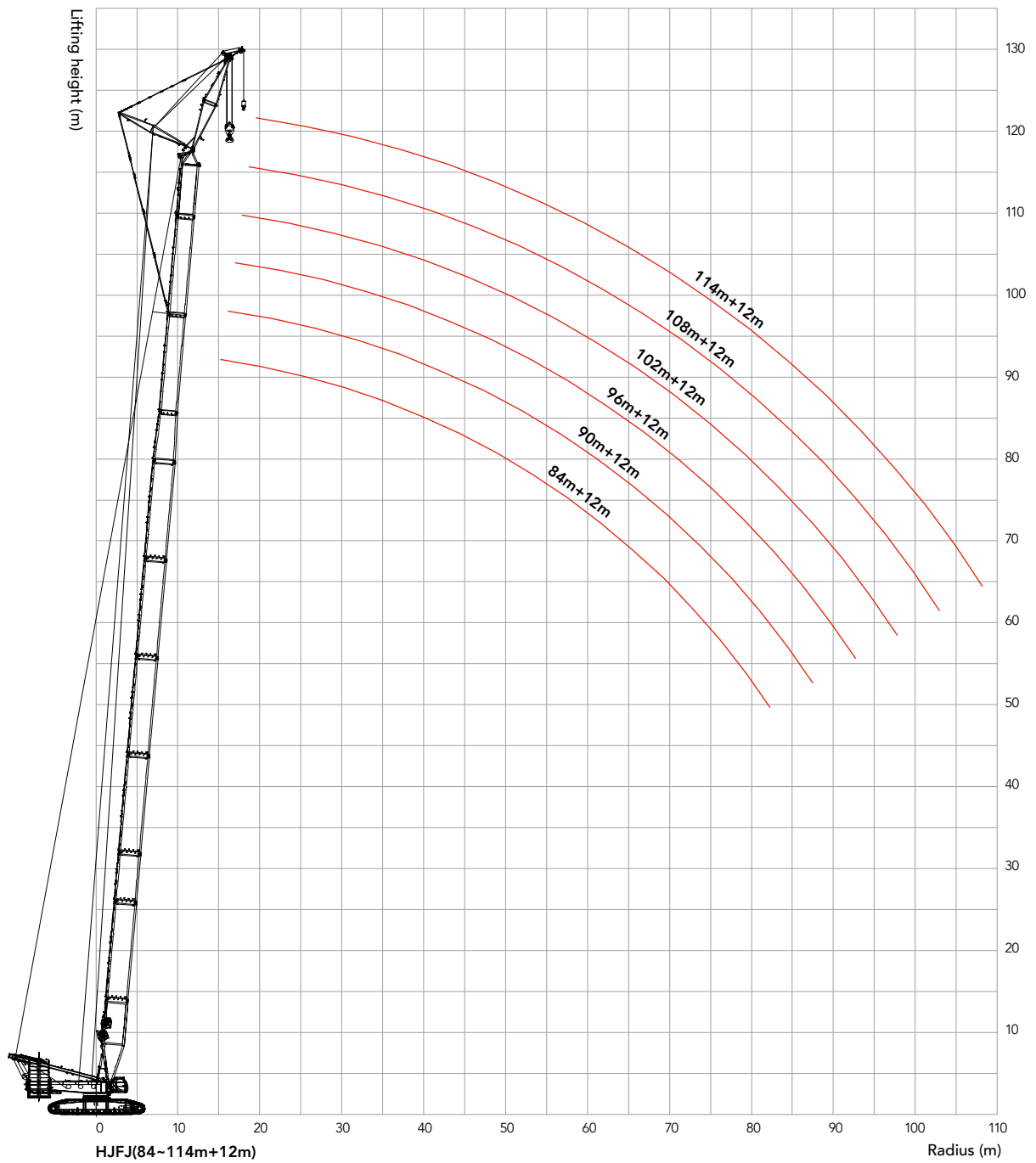
| HJFJ Boom Combination | | | | |
|-----------------------|-------------|-----|------------|---------------|
| Boom length(m) | Boom insert | | Jib insert | Fixed jib 12m |
| | 6m | 12m | 12m | |
| 84 | - | 4 | 1 | |
| 90* | 1 | 4 | 1 | |
| 96* | - | 4 | 2 | |
| 102* | 1 | 4 | 2 | |
| 108* | - | 5 | 2 | |
| 114* | 1 | 5 | 2 | |

Note: 10.5m boom base, 6m tapered section, 7.5m jib top are must.
For combinations marked with "**", the mid-suspension cable is must, otherwise, the boom may break.



HJFJ(84~114m+12m)

Working Radius of HJFJ Configuration



HJFJ(84~114m+12m)

Load Chart of HJFJ Configuration

| SCC7500A-HJFJ configuration 1/3 | | | | | | | |
|--|------|------|------|------|------|------|------------|
| Boom length: 84m~114m, Jib length:12m, Boom to jib angle: 10°, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | |
| Radius (m) | 84 | 90 | 96 | 102 | 108 | 114 | Radius (m) |
| 13 | 158 | | | | | | |
| 14 | 156 | 148 | 136 | | | | 14 |
| 15 | 155 | 144 | 134 | 118 | 109 | | 15 |
| 16 | 152 | 140 | 130 | 116 | 108 | 93.5 | 16 |
| 17 | 146 | 133 | 125 | 114 | 107 | 92.5 | 17 |
| 18 | 137 | 127 | 120 | 111 | 105 | 91.5 | 18 |
| 19 | 128 | 120 | 114 | 107 | 102 | 89.5 | 19 |
| 20 | 119 | 113 | 107 | 103 | 98.4 | 88 | 20 |
| 22 | 106 | 99.3 | 96.8 | 92.1 | 88.4 | 83.5 | 22 |
| 24 | 96.6 | 91 | 88.3 | 84.4 | 81 | 77.4 | 24 |
| 26 | 88.2 | 83.7 | 81.3 | 77.7 | 74.5 | 71.1 | 26 |
| 28 | 80.9 | 77.3 | 75.1 | 71.6 | 68.7 | 65.4 | 28 |
| 30 | 74.9 | 71.5 | 69.5 | 66.3 | 63.5 | 60.4 | 30 |
| 32 | 69.6 | 66.4 | 64.5 | 61.4 | 58.8 | 55.8 | 32 |
| 34 | 64.8 | 61.7 | 60 | 57 | 54.5 | 51.6 | 34 |
| 36 | 60.5 | 57.5 | 55.9 | 53 | 50.6 | 47.8 | 36 |
| 38 | 56.6 | 53.7 | 52.2 | 49.4 | 47.1 | 44.4 | 38 |
| 40 | 52.9 | 50.1 | 48.7 | 46.0 | 43.8 | 41.2 | 40 |
| 44 | 46.6 | 43.9 | 42.7 | 40.1 | 38.0 | 35.5 | 44 |
| 48 | 41.2 | 38.6 | 37.5 | 35.0 | 33.0 | 30.6 | 48 |
| 52 | 36.5 | 34.0 | 33.0 | 30.6 | 28.7 | 26.4 | 52 |
| 56 | 32.4 | 30.0 | 29.1 | 26.8 | 24.9 | 22.6 | 56 |
| 60 | 28.9 | 26.5 | 25.6 | 23.3 | 21.6 | 19.3 | 60 |
| 64 | 25.7 | 23.4 | 22.5 | 20.3 | 18.6 | 16.4 | 64 |
| 68 | 22.8 | 20.6 | 19.8 | 17.6 | 15.9 | 13.7 | 68 |
| 72 | 20.3 | 18.1 | 17.3 | 15.1 | 13.5 | 11.4 | 72 |
| 76 | 18.0 | 15.8 | 15.1 | 12.9 | 11.3 | 7.1 | 76 |
| 80 | 15.9 | 13.7 | 13.0 | 10.9 | 9.3 | | 80 |
| 84 | 14.0 | 11.8 | 11.2 | 9.1 | 5.6 | | 84 |

Unit: t

Load Chart of HJFJ Configuration

| SCC7500A-HJFJ configuration 2/3 | | | | | | | |
|--|------|------|------|------|------|------|------------|
| Boom length: 84m~114m, Jib length:12m, Boom to jib angle: 15°, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | |
| Radius (m) | 84 | 90 | 96 | 102 | 108 | 114 | Radius (m) |
| 14 | 154 | 138 | | | | | 14 |
| 15 | 150 | 136 | 132 | | | | 15 |
| 16 | 140 | 134 | 130 | 118 | 106 | | 16 |
| 17 | 132 | 129 | 125 | 115 | 105 | 89.5 | 17 |
| 18 | 126 | 122 | 117 | 112 | 104 | 88.5 | 18 |
| 19 | 120 | 116 | 111 | 107 | 101 | 87.5 | 19 |
| 20 | 115 | 110 | 106 | 102 | 98 | 86.5 | 20 |
| 22 | 105 | 100 | 97.2 | 93.1 | 89.5 | 83.6 | 22 |
| 24 | 95.9 | 91.9 | 89.2 | 85.4 | 82 | 78.4 | 24 |
| 26 | 88.3 | 84.6 | 82.1 | 78.5 | 75.4 | 72 | 26 |
| 28 | 81.6 | 78 | 75.8 | 72.5 | 69.6 | 66.3 | 28 |
| 30 | 75.6 | 72.3 | 70.2 | 67 | 64.3 | 61.2 | 30 |
| 32 | 70.3 | 67.1 | 65.2 | 62.1 | 59.5 | 56.6 | 32 |
| 34 | 65.4 | 62.4 | 60.6 | 57.7 | 55.2 | 52.3 | 34 |
| 36 | 61.1 | 58.1 | 56.5 | 53.7 | 51.3 | 48.5 | 36 |
| 38 | 57.1 | 54.2 | 52.7 | 50 | 47.7 | 45 | 38 |
| 40 | 53.4 | 50.7 | 49.3 | 46.6 | 44.4 | 41.8 | 40 |
| 44 | 47 | 44.4 | 43.2 | 40.6 | 38.6 | 36.1 | 44 |
| 48 | 41.6 | 39 | 37.9 | 35.5 | 33.5 | 31.1 | 48 |
| 52 | 36.9 | 34.4 | 33.4 | 31 | 29.2 | 26.8 | 52 |
| 56 | 32.7 | 30.4 | 29.4 | 27.1 | 25.3 | 23.1 | 56 |
| 60 | 29.1 | 26.8 | 25.9 | 23.7 | 21.9 | 19.7 | 60 |
| 64 | 25.9 | 23.6 | 22.8 | 20.6 | 18.9 | 16.7 | 64 |
| 68 | 23 | 20.8 | 20 | 17.9 | 16.2 | 14.1 | 68 |
| 72 | 20.5 | 18.3 | 17.5 | 15.4 | 13.8 | 11.7 | 72 |
| 76 | 18.1 | 16 | 15.3 | 13.1 | 11.5 | 7.9 | 76 |
| 80 | 16 | 13.9 | 13.2 | 11.1 | 9.5 | | 80 |
| 84 | 14.1 | 12 | 11.3 | 9.2 | 6.4 | | 84 |

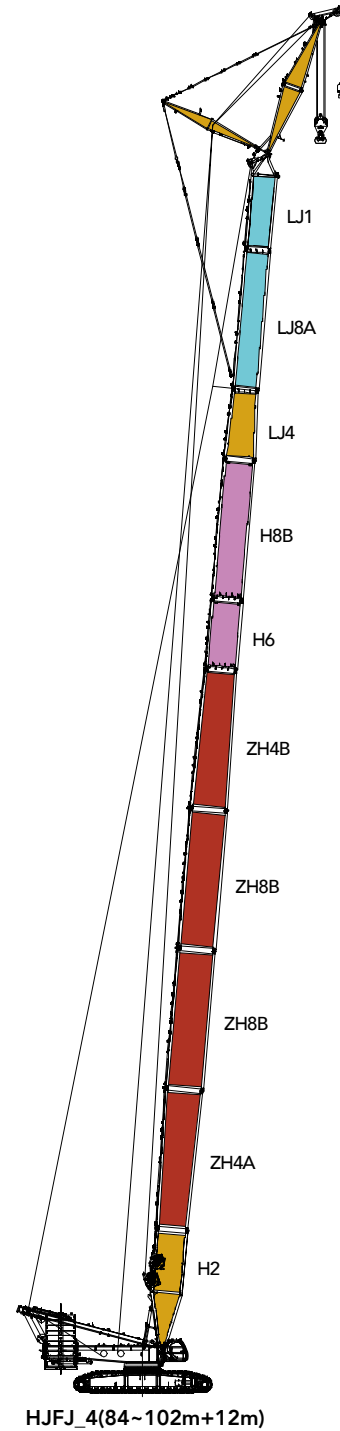
Load Chart of HJFJ Configuration

| SCC7500A-HJFJ configuration 3/3 | | | | | | | |
|--|------|------|------|------|------|------|------------|
| Boom length: 84m~114m, Jib length:12m, Boom to jib angle: 20°, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | |
| Radius (m) | 84 | 90 | 96 | 102 | 108 | 114 | Radius (m) |
| 15 | 124 | 122 | | | | | 15 |
| 16 | 123 | 120 | 116 | 112 | | | 16 |
| 17 | 121 | 118 | 114 | 111 | 103 | 85 | 17 |
| 18 | 119 | 115 | 111 | 109 | 102 | 84 | 18 |
| 19 | 117 | 112 | 108 | 106 | 101 | 83 | 19 |
| 20 | 114 | 109 | 105 | 103 | 99.1 | 82 | 20 |
| 22 | 106 | 101 | 98.2 | 94.1 | 90.5 | 79.3 | 22 |
| 24 | 96.8 | 92.8 | 90.1 | 86.3 | 83 | 76.7 | 24 |
| 26 | 89.1 | 85.4 | 83 | 79.4 | 76.3 | 72.9 | 26 |
| 28 | 82.3 | 78.8 | 76.6 | 73.3 | 70.4 | 67.2 | 28 |
| 30 | 76.3 | 73 | 71 | 67.8 | 65.1 | 62 | 30 |
| 32 | 70.9 | 67.7 | 65.9 | 62.8 | 60.3 | 57.3 | 32 |
| 34 | 66 | 63 | 61.3 | 58.4 | 55.9 | 53.1 | 34 |
| 36 | 61.6 | 58.7 | 57.1 | 54.3 | 51.9 | 49.2 | 36 |
| 38 | 57.6 | 54.8 | 53.3 | 50.6 | 48.3 | 45.6 | 38 |
| 40 | 53.9 | 51.2 | 49.8 | 47.2 | 45.0 | 42.4 | 40 |
| 44 | 47.5 | 44.9 | 43.6 | 41.1 | 39.1 | 36.6 | 44 |
| 48 | 42.0 | 39.5 | 38.3 | 35.9 | 34.0 | 31.6 | 48 |
| 52 | 37.2 | 34.8 | 33.8 | 31.4 | 29.6 | 27.3 | 52 |
| 56 | 33.0 | 30.7 | 29.8 | 27.5 | 25.7 | 23.5 | 56 |
| 60 | 29.4 | 27.1 | 26.2 | 24.0 | 22.3 | 20.1 | 60 |
| 64 | 26.1 | 23.9 | 23.1 | 20.9 | 19.2 | 17.1 | 64 |
| 68 | 23.2 | 21.0 | 20.3 | 18.1 | 16.5 | 14.4 | 68 |
| 72 | 20.6 | 18.5 | 17.7 | 15.6 | 14.0 | 11.9 | 72 |
| 76 | 18.3 | 16.1 | 15.4 | 13.4 | 11.8 | 8.8 | 76 |
| 80 | 16.1 | 14.0 | 13.4 | 11.3 | 9.7 | 4.5 | 80 |
| 84 | 14.2 | 12.1 | 11.4 | 9.4 | 7.2 | | 84 |

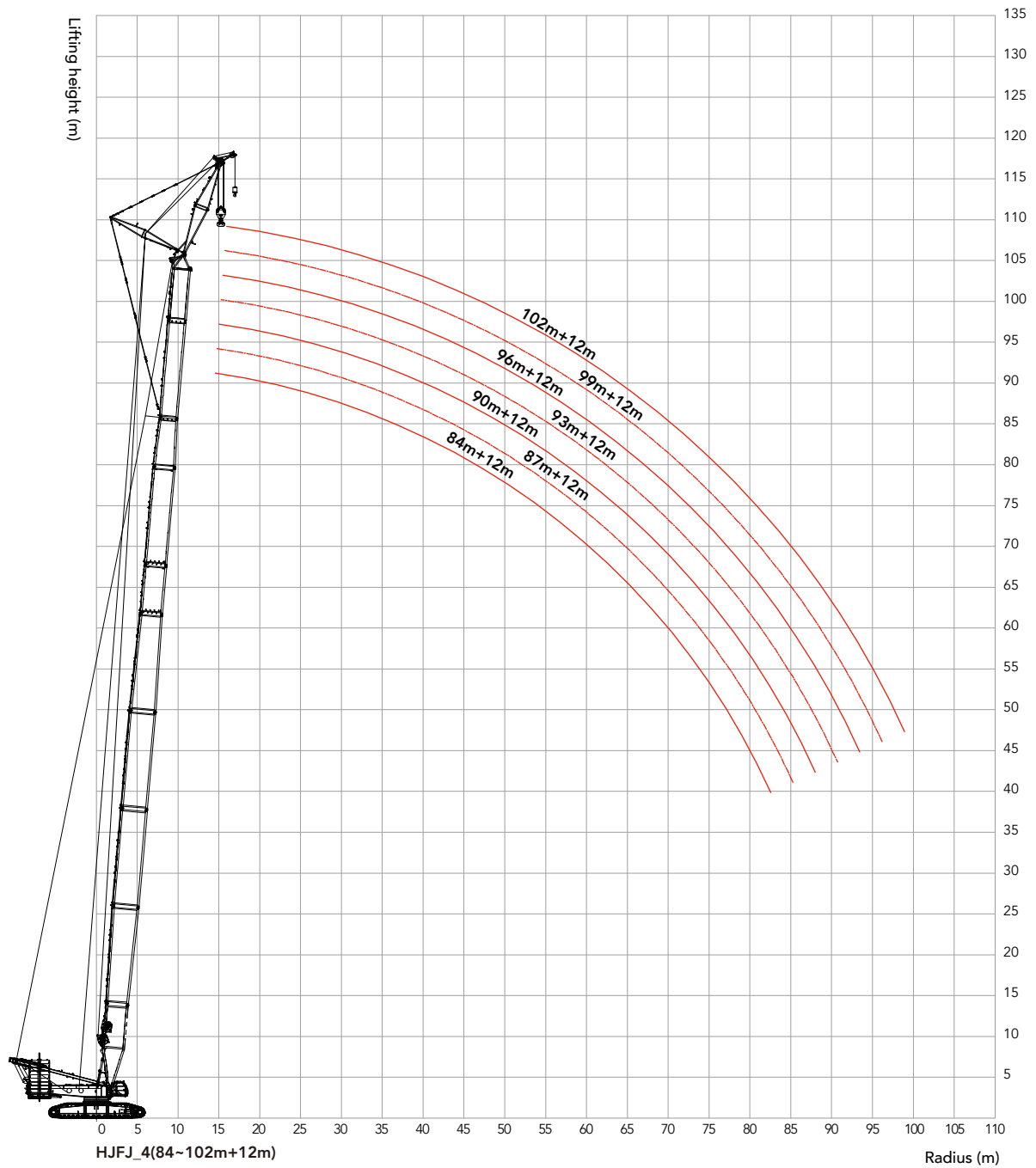
HJFJ_4 Boom Combination

| HJFJ_4 Boom Combination | | | | | | |
|-------------------------|------------|-------------|----|-----|------------------|--|
| Boom length(m) | Power boom | Boom insert | | | | |
| | 12m | 3m | 6m | 12m | | |
| 84 | 4 | 0 | 0 | 0 | Fixed jib 12m | |
| 87 | 4 | 1 | 0 | 0 | | |
| 90 | 4 | 0 | 1 | 0 | | |
| 93 | 4 | 1 | 1 | 0 | | |
| 96 | 4 | 0 | 0 | 1 | | |
| 99* | 4 | 1 | 0 | 1 | | |
| 102* | 4 | 0 | 1 | 1 | | |

Note: Boom base, 6m tapered section, 12m jib insert and jib top are must.
For combinations marked with "*", the mid-suspension cable is must, otherwise, the boom may break.



Working Radius of HJFJ_4 Configuration



Unit: t

Load Chart of HJFJ_4 Configuration

| SCC7500A-HJFJ_4 configuration 1/3 | | | | | | | | |
|--|------|------|------|------|------|------|------|------------|
| Boom length: 84m~102m, Jib length: 12m, Boom to jib angle: 10°, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | |
| Radius (m) | 84 | 87 | 90 | 93 | 96 | 99 | 102 | Radius (m) |
| 14 | 171 | | | | | | | 14 |
| 15 | 171 | 171 | 171 | 171 | | | | 15 |
| 16 | 171 | 170 | 167 | 166 | 165 | 158 | 156 | 16 |
| 17 | 163 | 160 | 157 | 157 | 155 | 149 | 147 | 17 |
| 18 | 153 | 151 | 148 | 148 | 143 | 141 | 138 | 18 |
| 19 | 145 | 142 | 140 | 140 | 136 | 133 | 131 | 19 |
| 20 | 137 | 135 | 133 | 133 | 128 | 126 | 124 | 20 |
| 22 | 124 | 122 | 120 | 120 | 116 | 114 | 112 | 22 |
| 24 | 112 | 110 | 109 | 109 | 105 | 103 | 101 | 24 |
| 26 | 103 | 101 | 99 | 99.7 | 95.8 | 93.8 | 92.2 | 26 |
| 28 | 94.1 | 92.1 | 90.6 | 91.5 | 87.6 | 85.7 | 84.2 | 28 |
| 30 | 86.5 | 84.7 | 83.3 | 84.3 | 80.4 | 78.6 | 77.2 | 30 |
| 32 | 79.9 | 78.1 | 76.7 | 77.8 | 74 | 72.3 | 70.9 | 32 |
| 34 | 73.9 | 72.2 | 70.9 | 72.1 | 68.3 | 66.6 | 65.3 | 34 |
| 36 | 68.6 | 66.9 | 65.7 | 66.9 | 63.1 | 61.5 | 60.3 | 36 |
| 38 | 63.7 | 62.1 | 60.9 | 62.2 | 58.5 | 56.9 | 55.7 | 38 |
| 40 | 59.4 | 57.8 | 56.6 | 58 | 54.3 | 52.7 | 51.5 | 40 |
| 44 | 51.7 | 50.2 | 49.1 | 50.5 | 46.9 | 45.3 | 44.2 | 44 |
| 48 | 45 | 43.8 | 42.8 | 44.2 | 40.6 | 39.1 | 38 | 48 |
| 52 | 39.1 | 38.1 | 37.3 | 38.8 | 35.2 | 33.8 | 32.7 | 52 |
| 56 | 34.1 | 33.1 | 32.4 | 34 | 30.6 | 29.1 | 28.1 | 56 |
| 60 | 29.8 | 28.8 | 28.1 | 29.7 | 26.5 | 25.1 | 24.1 | 60 |
| 64 | 26 | 25 | 24.4 | 26 | 22.9 | 21.5 | 20.5 | 64 |
| 68 | 22.7 | 21.7 | 21.1 | 22.7 | 19.6 | 18.3 | 17.3 | 68 |
| 72 | 19.8 | 18.8 | 18.1 | 19.8 | 16.8 | 15.4 | 14.5 | 72 |
| 76 | 17.2 | 16.2 | 15.5 | 17.2 | 14.2 | 12.8 | 11.9 | 76 |
| 80 | 14.8 | 13.8 | 13.2 | 14.9 | 11.8 | 10.5 | 9.6 | 80 |
| 84 | 12.7 | 11.7 | 11 | 9.2 | 7.8 | 8.3 | 7.4 | 84 |
| 88 | | 9.7 | 8.7 | | | 6.4 | 5.5 | 88 |

Load Chart of HJFJ_4 Configuration

| SCC7500A-HJFJ_4 configuration 2/3 | | | | | | | | |
|--|------|------|------|------|------|------|------|------------|
| Boom length: 84m~102m, Jib length:12m, Boom to jib angle: 15°, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | |
| Radius (m) | 84 | 87 | 90 | 93 | 96 | 99 | 102 | Radius (m) |
| 15 | 166 | | | | | | | 15 |
| 16 | 162 | 163 | 163 | 164 | 163 | | | 16 |
| 17 | 159 | 160 | 159 | 158 | 154 | 151 | 148 | 17 |
| 18 | 155 | 152 | 150 | 149 | 145 | 142 | 140 | 18 |
| 19 | 146 | 144 | 142 | 141 | 137 | 135 | 132 | 19 |
| 20 | 139 | 136 | 134 | 134 | 130 | 128 | 125 | 20 |
| 22 | 125 | 123 | 121 | 121 | 117 | 115 | 113 | 22 |
| 24 | 114 | 111 | 110 | 110 | 106 | 104 | 103 | 24 |
| 26 | 104 | 102 | 100 | 101 | 96.8 | 94.9 | 93.3 | 26 |
| 28 | 94.9 | 93 | 91.6 | 92.4 | 88.6 | 86.7 | 85.3 | 28 |
| 30 | 87.3 | 85.5 | 84.1 | 85.1 | 81.3 | 79.5 | 78.1 | 30 |
| 32 | 80.6 | 78.9 | 77.5 | 78.6 | 74.8 | 73.1 | 71.8 | 32 |
| 34 | 74.6 | 72.9 | 71.6 | 72.8 | 69.1 | 67.4 | 66.1 | 34 |
| 36 | 69.2 | 67.6 | 66.4 | 67.5 | 63.9 | 62.3 | 61 | 36 |
| 38 | 64.3 | 62.7 | 61.6 | 62.8 | 59.2 | 57.6 | 56.4 | 38 |
| 40 | 59.9 | 58.4 | 57.2 | 58.5 | 54.9 | 53.4 | 52.2 | 40 |
| 44 | 52.2 | 50.7 | 49.6 | 51 | 47.4 | 45.9 | 44.8 | 44 |
| 48 | 45.4 | 44.2 | 43.2 | 44.7 | 41.1 | 39.6 | 38.6 | 48 |
| 52 | 39.5 | 38.5 | 37.7 | 39.2 | 35.7 | 34.2 | 33.2 | 52 |
| 56 | 34.4 | 33.4 | 32.8 | 34.4 | 30.9 | 29.5 | 28.6 | 56 |
| 60 | 30.1 | 29.1 | 28.4 | 30 | 26.8 | 25.4 | 24.5 | 60 |
| 64 | 26.3 | 25.3 | 24.6 | 26.3 | 23.2 | 21.8 | 20.9 | 64 |
| 68 | 22.9 | 21.9 | 21.3 | 22.9 | 19.9 | 18.6 | 17.6 | 68 |
| 72 | 20 | 19 | 18.4 | 20 | 17 | 15.7 | 14.7 | 72 |
| 76 | 17.3 | 16.3 | 15.7 | 17.4 | 14.4 | 13.1 | 12.1 | 76 |
| 80 | 14.9 | 13.9 | 13.3 | 15 | 12 | 10.7 | 9.8 | 80 |
| 84 | 12.8 | 11.8 | 11.2 | 10.1 | 9.3 | 8.5 | 7.6 | 84 |
| 88 | | 9.8 | 9.2 | | | 6.5 | 5.6 | 88 |
| 92 | | | 5 | | | | | 92 |

Unit: t

Load Chart of HJFJ_4 Configuration

| SCC7500A-HJFJ_4 configuration 3/3 | | | | | | | | |
|--|------|------|------|------|------|------|------|------------|
| Boom length: 84m~102m, Jib length:12m, Boom to jib angle: 20°, Rear counterweight: 210t, Carbody counterweight:70t | | | | | | | | |
| Radius (m) | 84 | 87 | 90 | 93 | 96 | 99 | 102 | Radius (m) |
| 16 | 132 | | | | | | | 16 |
| 17 | 130 | 131 | 130 | 131 | 132 | | | 17 |
| 18 | 127 | 128 | 129 | 129 | 129 | 130 | 130 | 18 |
| 19 | 125 | 126 | 127 | 127 | 128 | 127 | 127 | 19 |
| 20 | 123 | 124 | 124 | 125 | 125 | 125 | 126 | 20 |
| 22 | 119 | 120 | 120 | 121 | 118 | 116 | 114 | 22 |
| 24 | 115 | 112 | 111 | 111 | 107 | 105 | 104 | 24 |
| 26 | 105 | 103 | 101 | 102 | 97.8 | 96 | 94.4 | 26 |
| 28 | 95.8 | 93.9 | 92.5 | 93.2 | 89.5 | 87.7 | 86.3 | 28 |
| 30 | 88.1 | 86.3 | 85 | 85.9 | 82.2 | 80.4 | 79.1 | 30 |
| 32 | 81.3 | 79.6 | 78.3 | 79.3 | 75.6 | 74 | 72.7 | 32 |
| 34 | 75.3 | 73.6 | 72.4 | 73.4 | 69.8 | 68.2 | 66.9 | 34 |
| 36 | 69.8 | 68.2 | 67 | 68.2 | 64.6 | 63 | 61.8 | 36 |
| 38 | 64.9 | 63.3 | 62.2 | 63.4 | 59.8 | 58.3 | 57.1 | 38 |
| 40 | 60.5 | 58.9 | 57.8 | 59.1 | 55.5 | 54 | 52.9 | 40 |
| 44 | 52.7 | 51.2 | 50.1 | 51.5 | 47.9 | 46.5 | 45.4 | 44 |
| 48 | 45.8 | 44.7 | 43.7 | 45.1 | 41.6 | 40.1 | 39.1 | 48 |
| 52 | 39.8 | 38.8 | 38.1 | 39.6 | 36.1 | 34.7 | 33.7 | 52 |
| 56 | 34.7 | 33.7 | 33.1 | 34.7 | 31.3 | 29.9 | 29 | 56 |
| 60 | 30.3 | 29.3 | 28.7 | 30.3 | 27.1 | 25.8 | 24.8 | 60 |
| 64 | 26.5 | 25.5 | 24.9 | 26.5 | 23.5 | 22.1 | 21.2 | 64 |
| 68 | 23.1 | 22.1 | 21.5 | 23.1 | 20.2 | 18.8 | 17.9 | 68 |
| 72 | 20.1 | 19.1 | 18.5 | 20.2 | 17.2 | 15.9 | 15 | 72 |
| 76 | 17.5 | 16.4 | 15.8 | 17.5 | 14.6 | 13.2 | 12.3 | 76 |
| 80 | 15 | 14 | 13.4 | 15.1 | 12.2 | 10.8 | 9.9 | 80 |
| 84 | 12.8 | 11.8 | 11.2 | 11 | 9.4 | 8.6 | 7.8 | 84 |
| 88 | | 9.8 | 9.2 | 5.6 | | 6.6 | 5.8 | 88 |
| 92 | | | 5 | | | | | 92 |

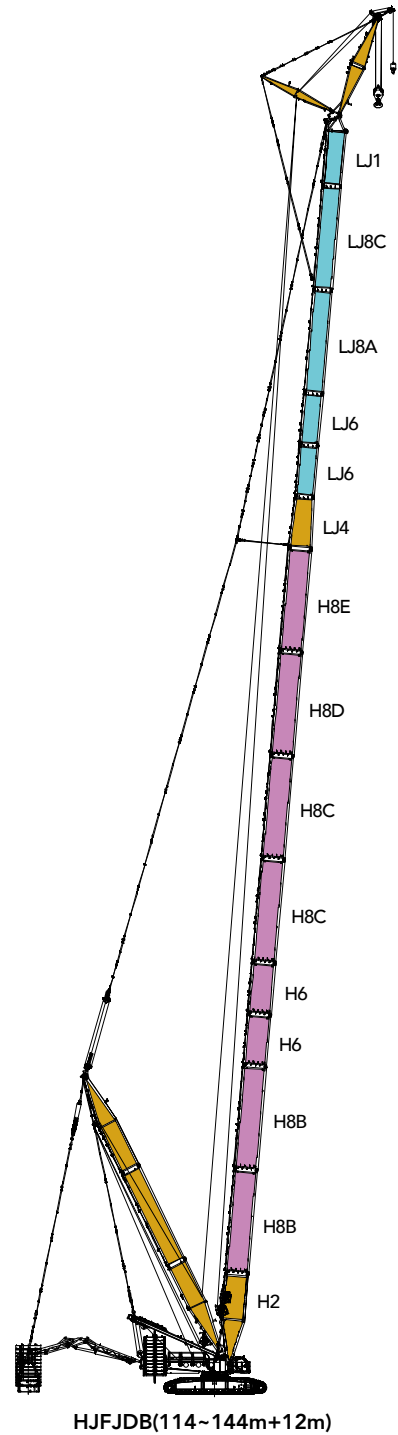
HJFJDB Boom Combination

HJFJDB Boom Combination

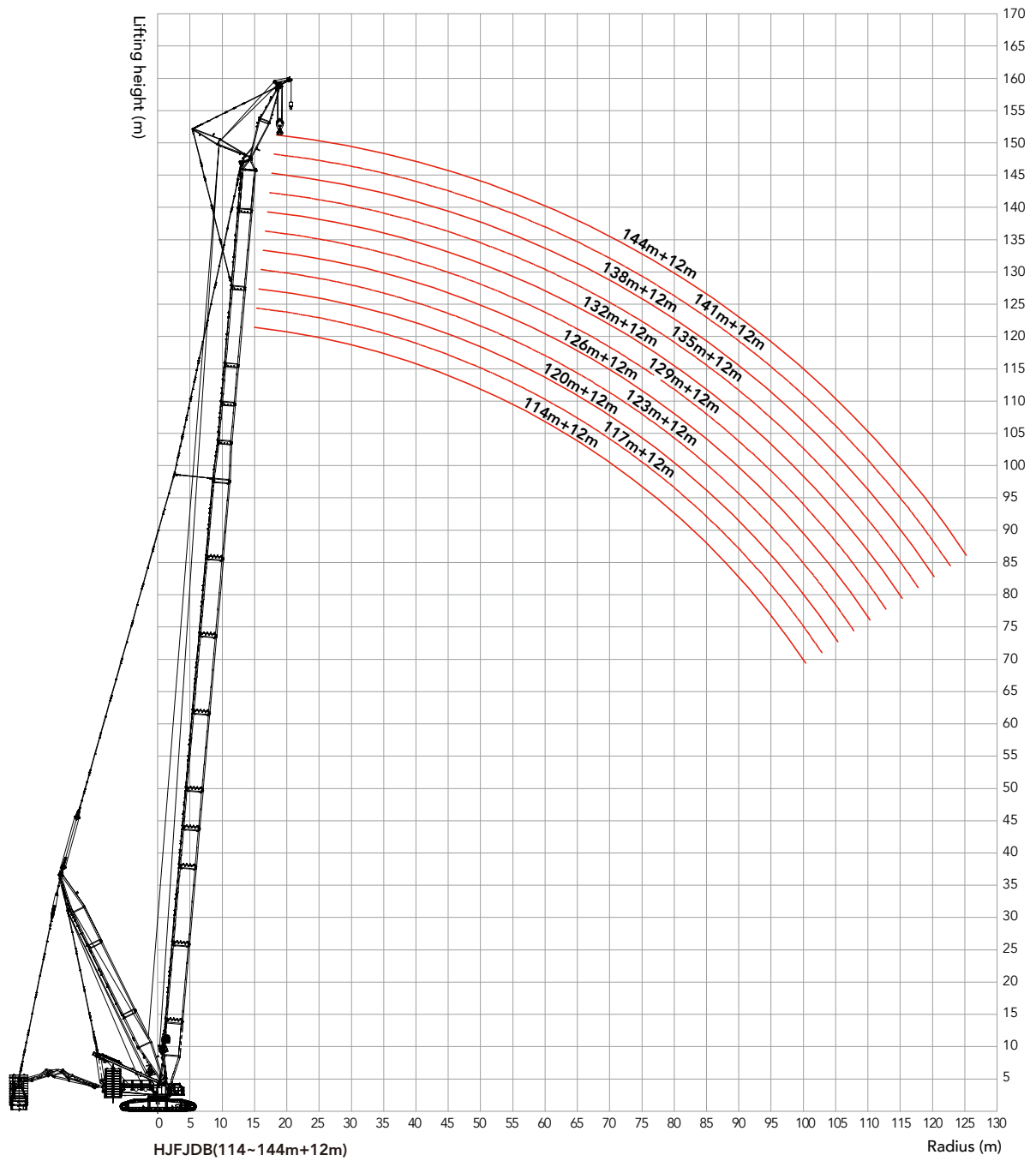
| Boom length(m) | Boom insert | | | Jib insert | | |
|----------------|-------------|----|-----|------------|-----|------------------|
| | 3m | 6m | 12m | 6m | 12m | |
| 114* | — | 1 | 5 | — | 2 | Fixed jib 12m |
| 117* | 1 | 1 | 5 | — | 2 | |
| 120* | — | 2 | 5 | — | 2 | |
| 123* | 1 | 2 | 5 | — | 2 | |
| 126* | — | 1 | 6 | — | 2 | |
| 129* | 1 | 1 | 6 | — | 2 | |
| 132* | — | 2 | 6 | — | 2 | |
| 135* | 1 | 2 | 6 | — | 2 | |
| 138* | — | 2 | 6 | 1 | 2 | |
| 141* | 1 | 2 | 6 | 1 | 2 | |
| 144* | — | 2 | 6 | 2 | 2 | |

Note: 10.5m boom base, 6m tapered section, 7.5m jib top are must.

For combinations from 114m~144m, the mid-suspension cable is must, otherwise, the boom may break.



Working Radius of HJFJ Configuration



Load Chart of HJFJDB Configuration

SCC7500A-HJFJDB configuration 1/3

Boom length: 114m~144m, Jib length: 12m, Boom to jib angle: 10°, Superlift radius: 21m, Superlift counterweight: 0t~360t,
Rear countweight: 210t, Carbody counterweight: 70t

| Radius (m) | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | Radius (m) |
|------------|------|------|------|------|------|------|------|------|------|------|------|------------|
| 18 | 124 | 117 | 109 | 106 | 101 | 97.5 | | | | | | 18 |
| 20 | 124 | 116 | 109 | 105 | 100 | 97.0 | 92.4 | 87.8 | 81.5 | 77.6 | 72.0 | 20 |
| 22 | 123 | 116 | 109 | 105 | 100 | 96.5 | 92.2 | 87.7 | 81.4 | 77.5 | 71.7 | 22 |
| 24 | 123 | 115 | 108 | 104 | 99.5 | 96.1 | 92.1 | 87.4 | 81.0 | 77.2 | 71.2 | 24 |
| 26 | 123 | 115 | 108 | 103 | 98.8 | 95.5 | 91.9 | 87.0 | 80.8 | 76.9 | 70.9 | 26 |
| 28 | 123 | 114 | 107 | 102 | 97.6 | 94.5 | 91.4 | 86.3 | 80.6 | 76.4 | 70.6 | 28 |
| 30 | 122 | 113 | 106 | 101 | 96.3 | 93.4 | 90.5 | 85.5 | 80.3 | 76.0 | 70.4 | 30 |
| 32 | 120 | 112 | 105 | 99.9 | 94.8 | 92.2 | 89.6 | 84.9 | 80.1 | 75.7 | 70.0 | 32 |
| 34 | 119 | 110 | 103 | 98.2 | 93.3 | 90.9 | 88.5 | 84.0 | 79.4 | 75.3 | 69.7 | 34 |
| 36 | 117 | 108 | 101 | 96.5 | 91.9 | 89.5 | 87.0 | 82.6 | 78.1 | 74.5 | 69.4 | 36 |
| 38 | 115 | 106 | 99.4 | 94.8 | 90.1 | 87.8 | 85.4 | 81.1 | 76.8 | 73.6 | 69.1 | 38 |
| 40 | 113 | 104 | 97.3 | 92.6 | 87.9 | 85.8 | 83.7 | 79.6 | 75.4 | 72.6 | 68.8 | 40 |
| 44 | 108 | 101 | 94.2 | 89.4 | 84.6 | 82.7 | 80.8 | 76.9 | 72.9 | 70.8 | 68.2 | 44 |
| 48 | 102 | 96.5 | 91.1 | 86.1 | 81.0 | 79.4 | 77.7 | 73.9 | 70.1 | 68.5 | 66.9 | 48 |
| 52 | 96.1 | 91.4 | 86.8 | 81.9 | 77.0 | 75.4 | 73.7 | 70.3 | 66.8 | 65.7 | 64.5 | 52 |
| 56 | 90.5 | 86.5 | 83.1 | 78.2 | 73.2 | 71.3 | 69.4 | 66.4 | 63.4 | 62.6 | 61.8 | 56 |
| 60 | 85.1 | 81.6 | 78.8 | 74.3 | 69.8 | 67.6 | 65.4 | 62.5 | 59.6 | 59.5 | 59.3 | 60 |
| 64 | 80.2 | 77.3 | 74.8 | 70.8 | 66.7 | 64.3 | 61.9 | 59.3 | 56.7 | 56.5 | 56.2 | 64 |
| 68 | 75.4 | 73.1 | 71.0 | 67.8 | 64.5 | 61.9 | 59.2 | 56.6 | 53.9 | 53.4 | 52.9 | 68 |
| 72 | 72.0 | 70.1 | 68.3 | 65.0 | 61.7 | 59.0 | 56.2 | 53.9 | 51.6 | 50.8 | 45.5 | 72 |
| 76 | 69.5 | 67.5 | 65.7 | 62.4 | 59.1 | 56.7 | 54.2 | 52.1 | 50.0 | 48.9 | 37.7 | 76 |
| 80 | 67.7 | 65.4 | 63.4 | 60.1 | 56.8 | 54.6 | 52.4 | 50.6 | 48.7 | 47.4 | 30.4 | 80 |
| 84 | 65.7 | 63.2 | 61.5 | 58.2 | 54.8 | 53.1 | 51.4 | 49.5 | 47.6 | 41.2 | 23.5 | 84 |
| 88 | 63.8 | 61.5 | 59.3 | 56.0 | 52.7 | 51.7 | 50.6 | 48.6 | 45.2 | 34.2 | 17.1 | 88 |
| 92 | 62.3 | 59.9 | 58.0 | 54.7 | 51.4 | 50.3 | 49.2 | 47.2 | 37.0 | 26.9 | 11.1 | 92 |
| 96 | 60.9 | 59.0 | 57.1 | 53.6 | 50.0 | 48.8 | 47.5 | 45.7 | 29.3 | 20.0 | | 96 |
| 100 | 59.1 | 57.6 | 55.7 | 52.2 | 48.6 | 47.3 | 46.0 | 44.3 | 22.0 | 13.4 | | 100 |
| 104 | 55.3 | 54.4 | 53.8 | 50.5 | 47.2 | 45.8 | 44.3 | 39.9 | 15.1 | 7.1 | | 104 |
| 108 | | 50.9 | 50.8 | 47.9 | 44.9 | 43.5 | 42.0 | 31.7 | 7.3 | | | 108 |
| 112 | | | 47.4 | 44.8 | 42.1 | 41.1 | 32.3 | 23.9 | | | | 112 |
| 116 | | | | | 38.8 | 33.4 | 22.8 | 16.4 | | | | 116 |
| 120 | | | | | | | 13.8 | 8.0 | | | | 120 |

Unit: t

Load Chart of HJFJDB Configuration

| SCC7500A-HJFJDB configuration 2/3 | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 114m~144m, Jib length: 12m, Boom to jib angle: 15°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | |
| Radius (m) | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | Radius (m) |
| 18 | 121 | 114 | | | | | | | | | | 18 |
| 20 | 121 | 114 | 107 | 102 | 99.3 | 94.6 | 91.6 | 85.0 | 80.0 | 74.8 | | 20 |
| 22 | 121 | 114 | 107 | 102 | 98.9 | 94.3 | 91.6 | 84.9 | 80.0 | 74.8 | 71.4 | 22 |
| 24 | 121 | 114 | 107 | 102 | 98.5 | 94.0 | 91.5 | 84.8 | 80.0 | 74.7 | 71.2 | 24 |
| 26 | 121 | 113 | 106 | 101 | 98.0 | 93.5 | 91.2 | 84.6 | 80.0 | 74.5 | 70.8 | 26 |
| 28 | 120 | 112 | 105 | 100 | 97.5 | 92.9 | 90.5 | 84.2 | 80.0 | 74.3 | 70.4 | 28 |
| 30 | 119 | 111 | 104 | 99.1 | 96.2 | 91.8 | 89.7 | 83.6 | 79.5 | 74.1 | 70.4 | 30 |
| 32 | 118 | 110 | 103 | 98.2 | 95.0 | 90.2 | 88.8 | 83.0 | 79.2 | 73.7 | 70.0 | 32 |
| 34 | 117 | 109 | 102 | 96.8 | 93.5 | 88.8 | 87.7 | 82.2 | 78.6 | 73.3 | 69.7 | 34 |
| 36 | 115 | 107 | 100 | 95.1 | 92.0 | 87.4 | 86.3 | 80.9 | 77.4 | 72.5 | 69.3 | 36 |
| 38 | 113 | 105 | 98.5 | 93.6 | 90.6 | 85.9 | 84.7 | 79.5 | 76.2 | 71.5 | 68.5 | 38 |
| 40 | 111 | 103 | 96.4 | 92.1 | 89.4 | 84.5 | 83.0 | 78.0 | 74.9 | 70.5 | 67.8 | 40 |
| 44 | 106 | 99.2 | 93.4 | 88.8 | 85.9 | 81.4 | 80.2 | 75.4 | 72.5 | 68.7 | 66.5 | 44 |
| 48 | 100 | 94.7 | 90.3 | 85.5 | 83.3 | 78.6 | 77.1 | 72.6 | 69.8 | 66.5 | 64.8 | 48 |
| 52 | 94.5 | 89.2 | 86.1 | 81.3 | 79.8 | 74.9 | 73.1 | 69.0 | 66.6 | 63.8 | 62.5 | 52 |
| 56 | 89.1 | 84.7 | 82.4 | 77.6 | 75.9 | 71.0 | 68.9 | 64.8 | 63.3 | 60.9 | 59.9 | 56 |
| 60 | 84.0 | 80.1 | 78.2 | 73.7 | 72.2 | 67.2 | 64.9 | 61.0 | 59.6 | 57.4 | 57.5 | 60 |
| 64 | 79.2 | 75.8 | 74.2 | 70.1 | 68.9 | 63.8 | 61.4 | 57.9 | 56.7 | 54.6 | 54.7 | 64 |
| 68 | 74.5 | 71.6 | 70.5 | 66.8 | 65.9 | 61.1 | 58.7 | 55.2 | 53.9 | 51.7 | 51.7 | 68 |
| 72 | 71.2 | 68.7 | 67.9 | 64.5 | 63.8 | 58.6 | 55.8 | 52.6 | 51.6 | 49.3 | 49.0 | 72 |
| 76 | 68.8 | 66.3 | 65.4 | 62.1 | 61.1 | 56.4 | 53.9 | 50.9 | 50.0 | 47.6 | 42.9 | 76 |
| 80 | 67.1 | 64.4 | 63.2 | 59.7 | 58.6 | 54.3 | 52.2 | 49.4 | 48.7 | 46.2 | 35.4 | 80 |
| 84 | 65.2 | 62.5 | 61.4 | 57.7 | 56.4 | 52.8 | 51.3 | 48.5 | 47.6 | 45.0 | 27.2 | 84 |
| 88 | 63.4 | 60.6 | 59.3 | 55.8 | 54.5 | 51.5 | 50.6 | 47.6 | 46.5 | 38.3 | 19.5 | 88 |
| 92 | 62.0 | 59.3 | 58.0 | 54.1 | 52.5 | 49.8 | 49.2 | 46.3 | 42.7 | 30.8 | 12.3 | 92 |
| 96 | 60.7 | 58.2 | 57.1 | 53.1 | 51.3 | 48.4 | 47.5 | 44.8 | 33.4 | 22.5 | 6.5 | 96 |
| 100 | 59.3 | 56.9 | 55.7 | 51.8 | 50.0 | 47.0 | 46.0 | 43.4 | 24.7 | 15.9 | | 100 |
| 104 | 55.4 | 54.6 | 53.8 | 50.2 | 48.6 | 45.5 | 44.3 | 41.6 | 16.4 | 9.5 | | 104 |
| 108 | | 51.0 | 50.8 | 48.0 | 47.2 | 43.7 | 42.0 | 36.2 | 9.8 | | | 108 |
| 112 | | | 47.4 | 45.2 | 44.9 | 41.7 | 35.4 | 26.8 | | | | 112 |
| 116 | | | | | 42.1 | 38.2 | 25.8 | 17.9 | | | | 116 |
| 120 | | | | | | 26.8 | 16.6 | 10.7 | | | | 120 |

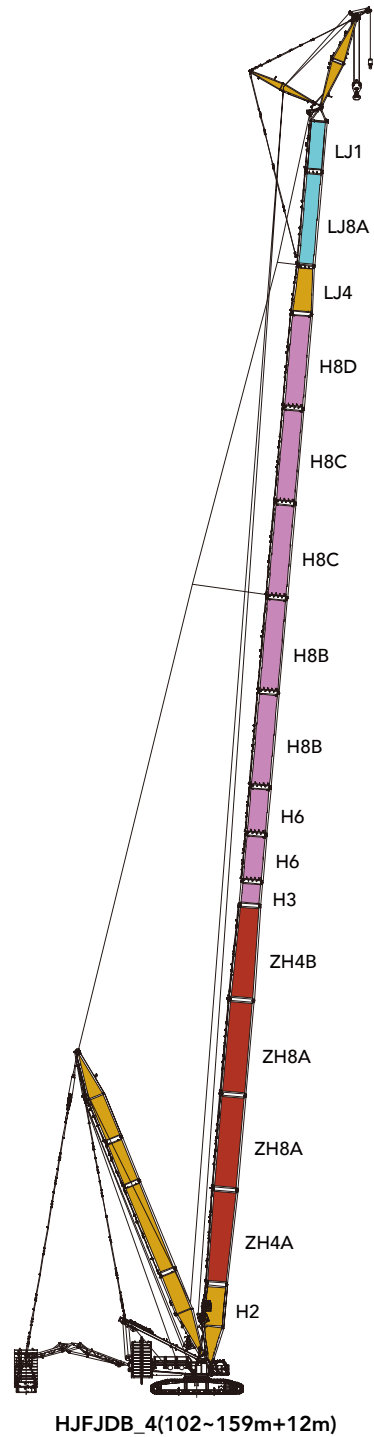
Load Chart of HJFJDB Configuration

| SCC7500A-HJFJDB configuration 3/3 | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|---------------|
| Boom length: 114m~144m, Jib length: 12m, Boom to jib angle: 20°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | |
| Radius (m) | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | Radius (m) |
| 20 | 118 | 110 | 105 | 101 | 98.2 | 93.8 | | | | | | 20 |
| 22 | 118 | 110 | 105 | 101 | 97.7 | 93.8 | 90.5 | 83.9 | 79.1 | 74.2 | 70.1 | 22 |
| 24 | 118 | 110 | 104 | 100 | 97.6 | 93.1 | 90.0 | 83.6 | 78.8 | 73.9 | 69.7 | 24 |
| 26 | 117 | 109 | 103 | 99.2 | 97.5 | 92.4 | 89.1 | 83.0 | 78.6 | 73.6 | 69.3 | 26 |
| 28 | 116 | 108 | 102 | 98.1 | 96.2 | 91.2 | 88.1 | 82.2 | 78.0 | 73.3 | 69.3 | 28 |
| 30 | 115 | 107 | 101 | 97.0 | 95.0 | 90.3 | 87.4 | 81.5 | 77.3 | 72.7 | 68.9 | 30 |
| 32 | 114 | 106 | 100 | 95.5 | 93.0 | 88.9 | 86.6 | 80.7 | 76.4 | 72.2 | 68.7 | 32 |
| 34 | 112 | 104 | 98.5 | 94.3 | 92.0 | 87.9 | 85.6 | 79.6 | 75.3 | 71.4 | 68.3 | 34 |
| 36 | 110 | 102 | 96.8 | 92.5 | 90.0 | 86.3 | 84.3 | 78.4 | 74.1 | 70.4 | 67.5 | 36 |
| 38 | 108 | 100 | 94.9 | 90.7 | 88.4 | 84.8 | 82.9 | 77.2 | 73.0 | 69.6 | 66.8 | 38 |
| 40 | 106 | 98.6 | 93.2 | 89.2 | 87.0 | 83.4 | 81.4 | 75.8 | 71.8 | 68.5 | 65.8 | 40 |
| 44 | 102 | 95.0 | 89.9 | 85.7 | 83.3 | 80.2 | 78.8 | 73.5 | 69.6 | 66.6 | 64.2 | 44 |
| 48 | 97.0 | 91.1 | 87.0 | 82.1 | 80.5 | 76.6 | 75.8 | 70.1 | 67.3 | 64.4 | 62.2 | 48 |
| 52 | 92.0 | 85.8 | 83.0 | 78.5 | 77.2 | 73.1 | 71.9 | 66.8 | 64.5 | 61.2 | 60.3 | 52 |
| 56 | 87.1 | 81.6 | 79.5 | 75.0 | 73.5 | 69.2 | 67.8 | 63.4 | 61.6 | 58.7 | 58.1 | 56 |
| 60 | 82.2 | 77.3 | 75.5 | 71.3 | 70.0 | 65.6 | 63.9 | 59.7 | 58.0 | 55.9 | 56.1 | 60 |
| 64 | 77.6 | 73.3 | 71.9 | 68.0 | 66.9 | 62.4 | 60.5 | 56.7 | 55.2 | 53.4 | 53.7 | 64 |
| 68 | 73.1 | 69.4 | 68.6 | 65.0 | 64.1 | 59.8 | 57.9 | 54.1 | 52.5 | 50.7 | 50.9 | 68 |
| 72 | 70.0 | 66.8 | 66.4 | 63.0 | 62.2 | 57.5 | 55.1 | 51.6 | 50.3 | 48.3 | 48.3 | 72 |
| 76 | 67.8 | 64.6 | 64.1 | 60.7 | 59.7 | 55.4 | 53.3 | 50.1 | 48.9 | 46.7 | 46.5 | 76 |
| 80 | 66.3 | 62.9 | 62.1 | 58.6 | 57.4 | 53.5 | 51.7 | 48.8 | 47.8 | 45.5 | 40.5 | 80 |
| 84 | 64.6 | 61.3 | 60.5 | 56.8 | 55.4 | 52.1 | 50.9 | 47.9 | 46.9 | 44.4 | 30.9 | 84 |
| 88 | 63.0 | 59.6 | 58.6 | 55.0 | 53.7 | 51.0 | 50.3 | 47.2 | 46.0 | 43.4 | 23.0 | 88 |
| 92 | 61.8 | 58.5 | 57.5 | 53.6 | 51.9 | 49.4 | 49.0 | 46.0 | 44.8 | 34.9 | 14.6 | 92 |
| 96 | 60.7 | 57.6 | 56.8 | 52.8 | 50.9 | 48.2 | 47.4 | 44.6 | 37.6 | 26.4 | 7.6 | 96 |
| 100 | 59.5 | 56.4 | 55.6 | 51.6 | 49.8 | 46.9 | 46.0 | 43.3 | 28.7 | 18.4 | | 100 |
| 104 | 55.6 | 54.5 | 53.8 | 50.2 | 48.6 | 45.5 | 44.3 | 41.5 | 19.0 | 10.7 | | 104 |
| 108 | 52.0 | 51.2 | 50.8 | 48.0 | 47.2 | 43.7 | 42.0 | 39.6 | 11.1 | | | 108 |
| 112 | | | 47.4 | 45.2 | 44.9 | 41.7 | 40.1 | 31.2 | | | | 112 |
| 116 | | | | | 42.1 | 39.1 | 28.8 | 20.8 | | | | 116 |
| 120 | | | | | | 29.9 | 18.1 | 10.8 | | | | 120 |

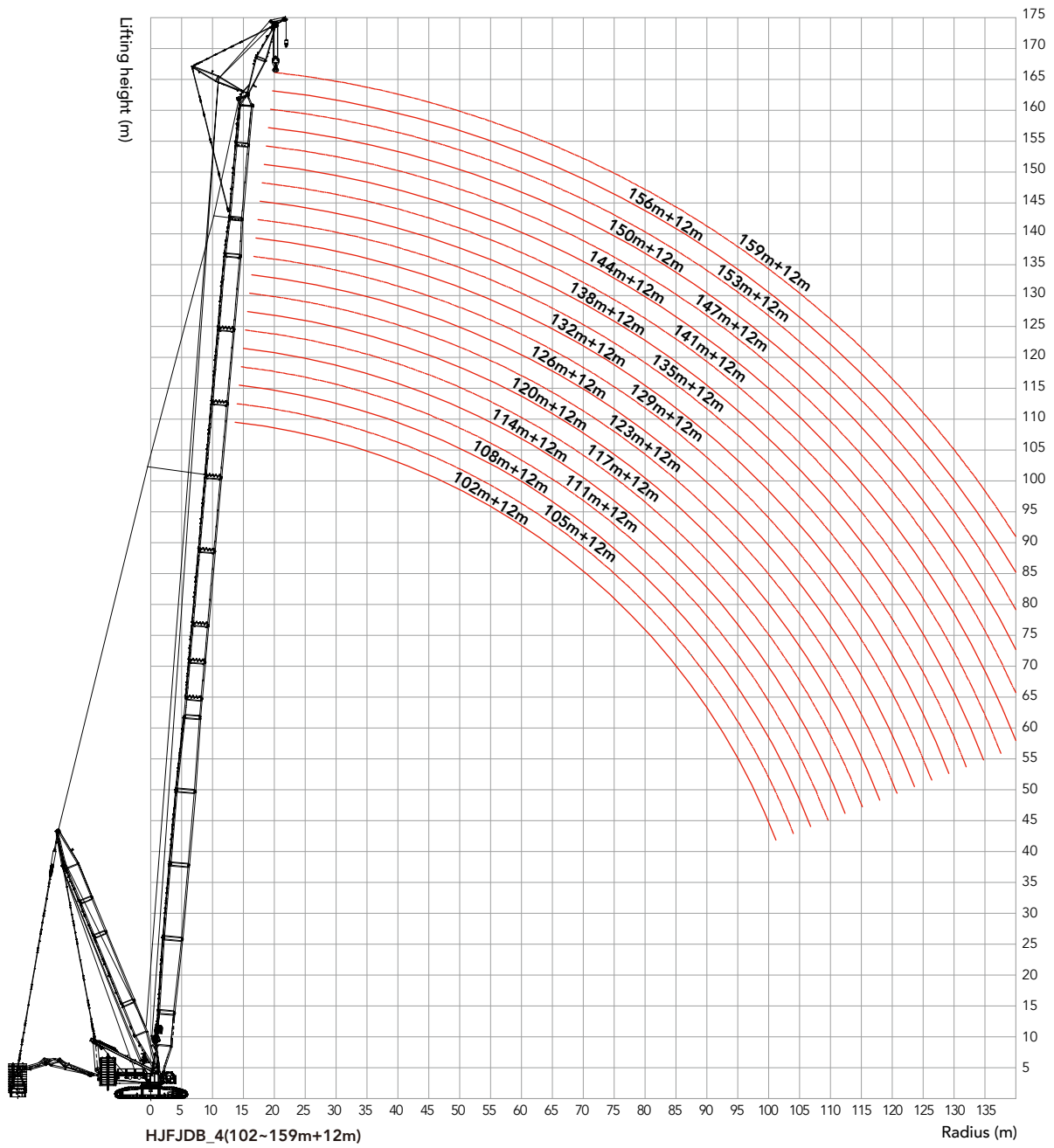
HJFJDB_4 Boom Combination

| HJFJDB_4 Boom Combination | | | | | |
|---------------------------|------------|-------------|----|-----|------------------|
| Boom length(m) | Power boom | Boom insert | | | |
| | 12m | 3m | 6m | 12m | |
| 114 | 4 | - | 1 | 2 | Fixed jib 12m |
| 117 | 4 | 1 | 1 | 2 | |
| 120 | 4 | - | 2 | 2 | |
| 123 | 4 | 1 | 2 | 2 | |
| 126* | 4 | - | 1 | 3 | |
| 129* | 4 | 1 | 1 | 3 | |
| 132* | 4 | - | 2 | 3 | |
| 135* | 4 | 1 | 2 | 3 | |
| 138* | 4 | - | 1 | 4 | |
| 141* | 4 | 1 | 1 | 4 | |
| 144* | 4 | - | 2 | 4 | |
| 147* | 4 | 1 | 2 | 4 | |
| 150* | 4 | - | 1 | 5 | |
| 153* | 4 | 1 | 1 | 5 | |
| 156* | 4 | - | 2 | 5 | |
| 159* | 4 | 1 | 2 | 5 | |

Note: Boom base, 6m tapered section, 12m jib insert and jib top are must.
For combinations from 126m~159m, the mid-suspension cable is must, otherwise, the boom may break.



Working Radius of HJFJDB_4 Configuration



Unit: t

Load Chart of HJFJDB_4 Configuration

| SCC7500A-HJFJDB_4 configuration 1/3 | | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|-----|
| Boom length: 102m~159m, Jib length: 12m, Boom to jib angle: 10°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | | | | | | | | | |
| Radius (m) | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | Radius (m) | |
| 16 | 170 | 170 | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | 170 | 170 | 168 | 167 | 166 | 164 | | | | | | | | | | | | | | | 17 | |
| 18 | 170 | 170 | 168 | 166 | 165 | 164 | 163 | 161 | 157 | 150 | | | | | | | | | | | 18 | |
| 19 | 169 | 169 | 168 | 166 | 165 | 163 | 162 | 161 | 157 | 150 | 143 | 136 | 127 | 121 | | | | | | | 19 | |
| 20 | 169 | 169 | 167 | 166 | 164 | 163 | 162 | 160 | 157 | 149 | 142 | 136 | 127 | 121 | 115 | 109 | 101 | 95.8 | | | 20 | |
| 22 | 168 | 168 | 166 | 165 | 164 | 163 | 162 | 159 | 153 | 149 | 142 | 135 | 126 | 120 | 114 | 108 | 100 | 95.3 | 90.6 | 86.0 | 22 | |
| 24 | 168 | 167 | 165 | 165 | 164 | 162 | 161 | 159 | 149 | 148 | 141 | 134 | 125 | 119 | 113 | 108 | 99.3 | 94.6 | 90.0 | 85.3 | 24 | |
| 26 | 167 | 166 | 165 | 164 | 163 | 162 | 160 | 158 | 144 | 147 | 140 | 134 | 125 | 118 | 112 | 107 | 98.5 | 94.0 | 89.3 | 84.7 | 26 | |
| 28 | 162 | 164 | 164 | 163 | 162 | 161 | 159 | 158 | 140 | 143 | 139 | 133 | 124 | 118 | 111 | 106 | 97.8 | 93.2 | 88.6 | 84.1 | 28 | |
| 30 | 157 | 158 | 159 | 161 | 162 | 160 | 159 | 157 | 135 | 139 | 138 | 132 | 123 | 117 | 111 | 105 | 97.0 | 92.5 | 87.9 | 83.4 | 30 | |
| 32 | 151 | 153 | 154 | 156 | 157 | 158 | 159 | 157 | 132 | 135 | 137 | 131 | 122 | 116 | 110 | 104 | 96.2 | 91.8 | 87.2 | 82.7 | 32 | |
| 34 | 146 | 149 | 150 | 151 | 153 | 154 | 155 | 156 | 128 | 131 | 134 | 130 | 121 | 115 | 109 | 104 | 95.4 | 91.0 | 86.5 | 82.1 | 34 | |
| 36 | 143 | 144 | 146 | 147 | 149 | 149 | 151 | 152 | 124 | 128 | 131 | 129 | 120 | 114 | 108 | 103 | 94.6 | 90.3 | 85.9 | 81.4 | 36 | |
| 38 | 138 | 140 | 142 | 143 | 145 | 145 | 147 | 148 | 120 | 124 | 128 | 128 | 119 | 114 | 107 | 102 | 93.9 | 89.6 | 85.1 | 80.7 | 38 | |
| 40 | 134 | 136 | 138 | 139 | 141 | 142 | 143 | 144 | 116 | 121 | 125 | 127 | 118 | 113 | 106 | 101 | 93.0 | 88.8 | 84.4 | 80.1 | 40 | |
| 44 | 127 | 129 | 130 | 132 | 133 | 135 | 137 | 137 | 110 | 114 | 118 | 122 | 117 | 111 | 104 | 99.2 | 91.4 | 87.4 | 83.1 | 78.8 | 44 | |
| 48 | 120 | 122 | 124 | 125 | 127 | 129 | 129 | 132 | 104 | 108 | 112 | 116 | 115 | 110 | 102 | 97.4 | 89.8 | 85.9 | 81.8 | 77.5 | 48 | |
| 52 | 115 | 116 | 118 | 119 | 121 | 122 | 124 | 121 | 98.8 | 103 | 106 | 111 | 112 | 108 | 98.2 | 95.6 | 88.2 | 84.4 | 80.3 | 76.3 | 52 | |
| 56 | 109 | 111 | 112 | 114 | 115 | 117 | 119 | 112 | 94.4 | 97.7 | 102 | 104 | 103 | 101 | 93.5 | 93.8 | 86.5 | 82.9 | 79.1 | 75.0 | 56 | |
| 60 | 105 | 106 | 108 | 109 | 111 | 112 | 113 | 110 | 90.2 | 93.7 | 97.1 | 96.6 | 95.6 | 93.5 | 89.5 | 89.6 | 84.9 | 81.5 | 77.8 | 73.9 | 60 | |
| 64 | 100 | 102 | 103 | 105 | 107 | 106 | 105 | 102 | 86.2 | 89.7 | 93.3 | 89.6 | 88.8 | 86.7 | 85.0 | 83.0 | 82.5 | 80.1 | 76.4 | 72.6 | 64 | |
| 68 | 96.4 | 97.4 | 98.8 | 101 | 101 | 99.4 | 97.8 | 95.9 | 82.9 | 86.5 | 89.6 | 89.5 | 88.7 | 86.7 | 79.0 | 77.1 | 76.7 | 74.8 | 73.2 | 71.3 | 68 | |
| 72 | 92.8 | 94.0 | 94.2 | 93.1 | 92.8 | 91.7 | 91.0 | 89.4 | 79.8 | 82.8 | 85.4 | 83.5 | 82.8 | 80.9 | 79.3 | 77.4 | 71.4 | 69.6 | 68.1 | 66.3 | 72 | |
| 76 | 88.7 | 87.6 | 86.9 | 85.8 | 85.5 | 84.4 | 83.6 | 82.5 | 76.7 | 80.5 | 79.9 | 78.1 | 77.5 | 75.6 | 74.1 | 72.3 | 72.0 | 70.2 | 68.7 | 61.6 | 76 | |
| 80 | 82.1 | 81.0 | 80.3 | 79.2 | 78.9 | 77.8 | 77.0 | 75.9 | 74.5 | 75.2 | 74.4 | 73.1 | 72.5 | 70.8 | 69.4 | 67.6 | 67.4 | 65.7 | 64.2 | 62.5 | 80 | |
| 84 | 76.1 | 75.0 | 74.3 | 73.2 | 72.9 | 71.8 | 71.1 | 70.0 | 70.3 | 69.2 | 68.5 | 67.4 | 67.6 | 66.3 | 64.9 | 63.3 | 63.1 | 61.5 | 60.1 | 58.4 | 84 | |
| 88 | 70.7 | 69.6 | 68.9 | 67.8 | 67.5 | 66.4 | 65.7 | 64.6 | 64.9 | 63.8 | 63.0 | 61.9 | 62.2 | 61.1 | 60.3 | 59.2 | 59.1 | 57.6 | 56.2 | 54.6 | 88 | |
| 92 | 65.8 | 64.6 | 64.0 | 62.9 | 62.5 | 61.4 | 60.7 | 59.6 | 59.9 | 58.8 | 58.1 | 57.0 | 57.2 | 56.1 | 55.4 | 54.3 | 54.9 | 53.8 | 52.6 | 51.1 | 92 | |
| 96 | 61.2 | 60.1 | 59.4 | 58.3 | 58.0 | 56.9 | 56.2 | 55.1 | 55.4 | 54.3 | 53.6 | 52.5 | 52.7 | 51.6 | 50.9 | 49.8 | 50.4 | 49.3 | 48.5 | 47.5 | 96 | |
| 100 | | 55.9 | 55.2 | 54.1 | 53.8 | 52.7 | 52.0 | 50.9 | 51.2 | 50.2 | 49.4 | 48.3 | 48.5 | 47.5 | 46.7 | 45.6 | 46.2 | 45.1 | 44.4 | 43.3 | 100 | |
| 104 | | | | 50.3 | 50.0 | 48.9 | 48.2 | 47.1 | 47.4 | 46.3 | 45.6 | 44.5 | 44.7 | 43.6 | 42.9 | 41.8 | 42.4 | 41.3 | 40.5 | 39.5 | 104 | |
| 108 | | | | | | 45.3 | 44.6 | 43.5 | 43.8 | 42.8 | 42.0 | 40.9 | 41.2 | 40.1 | 39.3 | 38.2 | 38.8 | 37.8 | 37.0 | 35.9 | 108 | |
| 112 | | | | | | | | 41.3 | 40.2 | 40.5 | 39.5 | 38.7 | 37.6 | 37.9 | 36.8 | 36.0 | 34.9 | 35.5 | 34.5 | 33.7 | 32.6 | 112 |
| 116 | | | | | | | | | | 37.5 | 36.4 | 35.6 | 34.6 | 34.8 | 33.7 | 32.9 | 31.9 | 32.5 | 31.4 | 30.6 | 29.6 | 116 |
| 120 | | | | | | | | | | | | | | | | | | | | | | 120 |
| 124 | | | | | | | | | | | | | | | | | | | | | | 124 |
| 128 | | | | | | | | | | | | | | | | | | | | | | 128 |
| 132 | | | | | | | | | | | | | | | | | | | | | | 132 |
| 136 | | | | | | | | | | | | | | | | | | | | | | 136 |
| 140 | | | | | | | | | | | | | | | | | | | | | | 140 |
| 144 | | | | | | | | | | | | | | | | | | | | | | 144 |

Load Chart of HJFJDB_4 Configuration

| SCC7500A-HJFJDB_4 configuration 2/3 | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 102m~159m, Jib length: 12m, Boom to jib angle: 15°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | | | | | | | | |
| Radius (m) | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | Radius (m) |
| 17 | 161 | 162 | | | | | | | | | | | | | | | | | | | 17 |
| 18 | 161 | 162 | 161 | 161 | 161 | 156 | | | | | | | | | | | | | | | 18 |
| 19 | 161 | 161 | 161 | 160 | 161 | 155 | 154 | 153 | 144 | 146 | | | | | | | | | | | 19 |
| 20 | 158 | 159 | 159 | 157 | 160 | 152 | 153 | 153 | 142 | 144 | 140 | 133 | 127 | 119 | | | | | | | 20 |
| 22 | 153 | 154 | 155 | 155 | 155 | 148 | 148 | 149 | 139 | 141 | 142 | 133 | 126 | 120 | 114 | 108 | 100 | 95.1 | 90.6 | 86.1 | 22 |
| 24 | 149 | 149 | 149 | 151 | 151 | 144 | 145 | 145 | 136 | 138 | 140 | 134 | 125 | 119 | 113 | 108 | 99.4 | 94.7 | 90.1 | 85.4 | 24 |
| 26 | 144 | 144 | 145 | 147 | 146 | 141 | 141 | 141 | 131 | 134 | 137 | 134 | 125 | 119 | 113 | 107 | 98.7 | 94.2 | 89.4 | 84.8 | 26 |
| 28 | 139 | 141 | 141 | 142 | 143 | 137 | 138 | 138 | 128 | 131 | 134 | 133 | 124 | 118 | 112 | 106 | 98.1 | 93.5 | 88.8 | 84.2 | 28 |
| 30 | 135 | 136 | 138 | 138 | 139 | 133 | 134 | 134 | 125 | 128 | 130 | 132 | 123 | 117 | 111 | 106 | 97.4 | 92.8 | 88.2 | 83.6 | 30 |
| 32 | 131 | 133 | 133 | 134 | 135 | 130 | 131 | 132 | 122 | 125 | 127 | 130 | 122 | 116 | 110 | 105 | 96.6 | 92.2 | 87.5 | 82.9 | 32 |
| 34 | 128 | 129 | 130 | 131 | 133 | 127 | 127 | 129 | 119 | 121 | 124 | 127 | 122 | 116 | 109 | 104 | 96.0 | 91.5 | 86.9 | 82.3 | 34 |
| 36 | 125 | 122 | 127 | 128 | 129 | 123 | 125 | 125 | 115 | 118 | 122 | 124 | 121 | 115 | 109 | 103 | 95.2 | 90.7 | 86.3 | 81.7 | 36 |
| 38 | 116 | 116 | 124 | 125 | 126 | 121 | 122 | 123 | 113 | 116 | 119 | 122 | 120 | 114 | 108 | 103 | 94.4 | 90.1 | 85.6 | 81.1 | 38 |
| 40 | 112 | 113 | 118 | 116 | 123 | 118 | 119 | 120 | 109 | 113 | 116 | 119 | 119 | 114 | 107 | 102 | 93.7 | 89.4 | 84.9 | 80.4 | 40 |
| 44 | 107 | 109 | 110 | 111 | 117 | 113 | 114 | 115 | 104 | 108 | 111 | 114 | 116 | 112 | 102 | 100 | 92.2 | 88.0 | 83.7 | 79.2 | 44 |
| 48 | 102 | 104 | 105 | 106 | 107 | 109 | 109 | 111 | 99.0 | 102 | 106 | 109 | 112 | 110 | 97.5 | 98.5 | 90.6 | 86.6 | 82.3 | 78.1 | 48 |
| 52 | 98.1 | 99.3 | 100 | 102 | 103 | 104 | 105 | 106 | 94.0 | 97.9 | 101 | 104 | 107 | 108 | 92.9 | 95.8 | 89.1 | 85.2 | 81.1 | 76.8 | 52 |
| 56 | 93.9 | 95.3 | 96.6 | 97.9 | 99.1 | 99.7 | 101 | 102 | 89.9 | 93.2 | 96.5 | 100 | 103 | 101 | 88.9 | 92.1 | 87.6 | 83.8 | 79.8 | 75.7 | 56 |
| 60 | 90.2 | 91.3 | 92.8 | 93.7 | 95.0 | 96.6 | 97.1 | 98.4 | 85.8 | 89.3 | 92.8 | 96.4 | 95.7 | 93.6 | 85.6 | 88.3 | 86.1 | 82.4 | 78.5 | 74.5 | 60 |
| 64 | 86.8 | 88.1 | 89.6 | 90.6 | 92.0 | 93.0 | 94.2 | 95.6 | 82.6 | 86.3 | 89.2 | 89.8 | 88.9 | 86.9 | 82.3 | 83.2 | 82.7 | 80.7 | 77.3 | 73.3 | 64 |
| 68 | 84.0 | 85.3 | 86.4 | 87.5 | 89.0 | 90.2 | 91.4 | 92.1 | 79.5 | 82.8 | 86.3 | 89.6 | 88.8 | 80.9 | 79.2 | 77.3 | 76.9 | 75.0 | 73.4 | 71.6 | 68 |
| 72 | 81.4 | 82.6 | 83.3 | 84.5 | 86.1 | 87.3 | 88.6 | 89.2 | 77.2 | 80.3 | 82.8 | 83.7 | 83.0 | 81.1 | 76.6 | 77.6 | 71.6 | 69.8 | 68.3 | 66.5 | 72 |
| 76 | 78.7 | 79.5 | 81.3 | 82.5 | 83.4 | 84.4 | 84.1 | 83.0 | 74.3 | 77.4 | 80.1 | 78.3 | 77.6 | 75.8 | 74.1 | 72.5 | 72.2 | 70.4 | 63.6 | 61.9 | 76 |
| 80 | 76.2 | 77.5 | 78.3 | 79.6 | 79.3 | 78.2 | 77.5 | 76.4 | 72.2 | 75.3 | 74.9 | 73.3 | 72.7 | 71.0 | 69.6 | 67.8 | 67.6 | 65.9 | 64.4 | 62.7 | 80 |
| 84 | 74.1 | 75.3 | 74.6 | 73.6 | 73.3 | 72.2 | 71.5 | 70.4 | 70.1 | 69.6 | 68.9 | 67.8 | 68.0 | 66.5 | 65.2 | 63.5 | 63.3 | 61.7 | 60.3 | 58.6 | 84 |
| 88 | 71.0 | 69.9 | 69.2 | 68.1 | 67.8 | 66.7 | 66.0 | 64.9 | 65.2 | 64.2 | 63.4 | 62.4 | 62.6 | 61.5 | 60.8 | 59.5 | 59.4 | 57.8 | 56.4 | 54.8 | 88 |
| 92 | 66.0 | 64.9 | 64.2 | 63.1 | 62.8 | 61.7 | 61.0 | 59.9 | 60.3 | 59.2 | 58.5 | 57.4 | 57.6 | 56.5 | 55.8 | 54.7 | 55.3 | 54.1 | 52.8 | 51.3 | 92 |
| 96 | 61.4 | 60.3 | 59.6 | 58.6 | 58.3 | 57.2 | 56.5 | 55.4 | 55.7 | 54.6 | 53.9 | 52.8 | 53.1 | 52.0 | 51.2 | 50.2 | 50.8 | 49.7 | 49.0 | 47.9 | 96 |
| 100 | | 56.1 | 55.4 | 54.4 | 54.1 | 53.0 | 52.3 | 51.2 | 51.5 | 50.4 | 49.7 | 48.6 | 48.9 | 47.8 | 47.1 | 46.0 | 46.6 | 45.5 | 44.8 | 43.7 | 100 |
| 104 | | | | 50.5 | 50.2 | 49.1 | 48.4 | 47.3 | 47.7 | 46.6 | 45.8 | 44.8 | 45.0 | 43.9 | 43.2 | 42.1 | 42.7 | 41.7 | 40.9 | 39.8 | 104 |
| 108 | | | | | | 45.5 | 44.8 | 43.7 | 44.1 | 43.0 | 42.3 | 41.2 | 41.4 | 40.4 | 39.6 | 38.5 | 39.1 | 38.1 | 37.3 | 36.3 | 108 |
| 112 | | | | | | | 41.5 | 40.4 | 40.7 | 39.7 | 38.9 | 37.9 | 38.1 | 37.0 | 36.3 | 35.2 | 35.8 | 34.8 | 34.0 | 33.0 | 112 |
| 116 | | | | | | | | | 37.6 | 36.6 | 35.8 | 34.8 | 35.0 | 33.9 | 33.2 | 32.1 | 32.7 | 31.7 | 30.9 | 29.9 | 116 |
| 120 | | | | | | | | | | 33.7 | 32.9 | 31.9 | 32.1 | 31.1 | 30.3 | 29.2 | 29.8 | 28.8 | 28.0 | 27.0 | 120 |
| 124 | | | | | | | | | | | | 29.2 | 29.4 | 28.3 | 27.6 | 26.5 | 27.1 | 26.1 | 25.3 | 24.3 | 124 |
| 128 | | | | | | | | | | | | | | | | 25.1 | 24.0 | 24.6 | 23.6 | 22.8 | 128 |
| 132 | | | | | | | | | | | | | | | | 22.7 | 21.6 | 22.2 | 21.2 | 20.4 | 132 |
| 136 | | | | | | | | | | | | | | | | | 20.0 | 18.9 | 18.2 | 17.1 | 136 |
| 140 | | | | | | | | | | | | | | | | | | | 16.1 | 15.0 | 140 |
| 144 | | | | | | | | | | | | | | | | | | | | 13.0 | 144 |

Unit: t

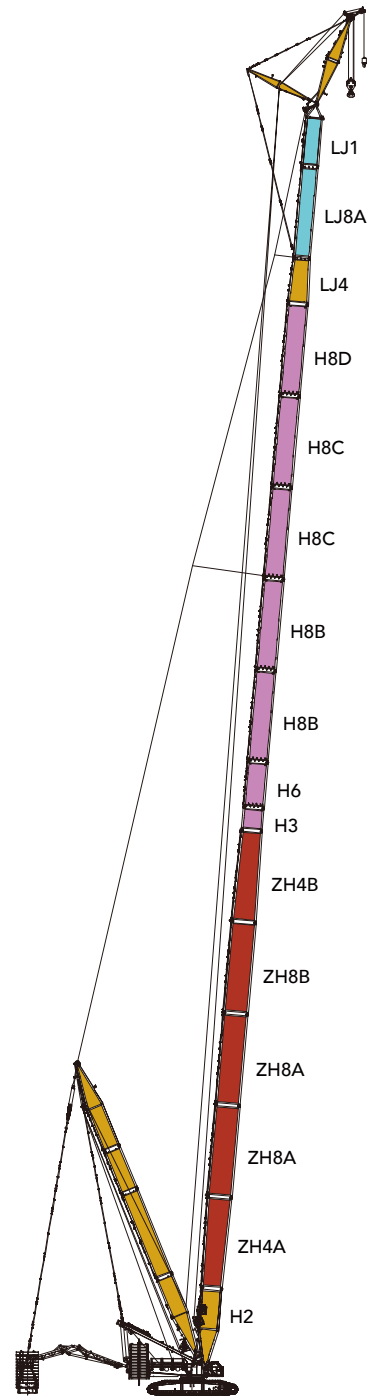
Load Chart of HJFJDB_4 Configuration

| SCC7500A-HJFJDB_4 configuration 3/3 | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 102m~159m, Jib length: 12m, Boom to jib angle: 10°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | | | | | | | | |
| Radius (m) | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | Radius (m) |
| 18 | 126 | 126 | 128 | | | | | | | | | | | | | | | | | | 18 |
| 19 | 125 | 125 | 125 | 125 | 126 | 126 | 126 | | | | | | | | | | | | | | 19 |
| 20 | 123 | 123 | 124 | 124 | 124 | 124 | 125 | 124 | 124 | 124 | | | | | | | | | | | 20 |
| 22 | 119 | 120 | 120 | 120 | 121 | 121 | 122 | 122 | 121 | 121 | 122 | 122 | 122 | 118 | 113 | 108 | 99.8 | 94.8 | | | 22 |
| 24 | 116 | 116 | 118 | 118 | 118 | 119 | 119 | 119 | 118 | 119 | 119 | 120 | 120 | 118 | 113 | 108 | 99.2 | 94.5 | 89.9 | 85.2 | 24 |
| 26 | 113 | 113 | 114 | 114 | 115 | 115 | 116 | 117 | 115 | 116 | 116 | 117 | 117 | 118 | 112 | 107 | 98.6 | 94.0 | 89.3 | 84.6 | 26 |
| 28 | 110 | 110 | 111 | 112 | 113 | 113 | 114 | 114 | 112 | 114 | 114 | 115 | 115 | 116 | 112 | 106 | 98.0 | 93.4 | 88.7 | 84.1 | 28 |
| 30 | 107 | 108 | 109 | 109 | 110 | 111 | 111 | 111 | 110 | 111 | 111 | 112 | 112 | 113 | 111 | 106 | 97.4 | 92.8 | 88.2 | 83.5 | 30 |
| 32 | 105 | 105 | 106 | 106 | 108 | 108 | 108 | 109 | 108 | 108 | 109 | 109 | 110 | 111 | 109 | 105 | 96.7 | 92.2 | 87.5 | 82.9 | 32 |
| 34 | 102 | 103 | 103 | 104 | 105 | 106 | 107 | 107 | 105 | 106 | 106 | 107 | 108 | 109 | 107 | 104 | 96.1 | 91.6 | 86.9 | 82.3 | 34 |
| 36 | 100 | 100 | 102 | 102 | 102 | 103 | 104 | 105 | 103 | 104 | 104 | 105 | 106 | 107 | 105 | 104 | 95.4 | 90.9 | 86.3 | 81.8 | 36 |
| 38 | 97.1 | 98.7 | 98.9 | 99.7 | 101 | 102 | 102 | 103 | 100 | 102 | 102 | 103 | 104 | 104 | 103 | 103 | 94.7 | 90.2 | 85.8 | 81.2 | 38 |
| 40 | 95.4 | 95.9 | 97.3 | 98.1 | 98.4 | 99.3 | 101 | 100 | 98.8 | 100 | 101 | 101 | 102 | 103 | 101 | 102 | 94.1 | 89.7 | 85.1 | 80.6 | 40 |
| 44 | 91.4 | 92.2 | 93.0 | 94.0 | 94.4 | 95.4 | 96.8 | 97.0 | 94.8 | 95.5 | 97.2 | 97.8 | 98.2 | 98.9 | 97.0 | 98.1 | 92.6 | 88.3 | 84.0 | 79.5 | 44 |
| 48 | 88.0 | 88.3 | 89.9 | 90.9 | 91.5 | 92.4 | 93.0 | 93.4 | 91.6 | 92.4 | 93.6 | 94.4 | 95.0 | 95.9 | 92.5 | 94.3 | 91.2 | 87.0 | 82.7 | 78.3 | 48 |
| 52 | 84.5 | 85.1 | 86.7 | 87.4 | 88.5 | 88.7 | 89.6 | 90.6 | 88.3 | 89.5 | 90.1 | 91.1 | 91.9 | 92.2 | 88.7 | 91.2 | 89.8 | 85.8 | 81.5 | 77.2 | 52 |
| 56 | 81.8 | 82.5 | 83.7 | 84.3 | 85.1 | 85.9 | 86.8 | 87.9 | 85.2 | 86.4 | 87.3 | 88.4 | 88.7 | 89.9 | 85.5 | 88.2 | 88.3 | 84.4 | 80.3 | 76.1 | 56 |
| 60 | 78.5 | 79.9 | 80.6 | 81.5 | 82.7 | 83.0 | 84.1 | 85.2 | 82.8 | 83.5 | 84.4 | 85.1 | 86.3 | 86.8 | 82.3 | 84.5 | 86.0 | 83.1 | 79.1 | 74.9 | 60 |
| 64 | 76.1 | 77.4 | 78.2 | 79.0 | 80.0 | 80.5 | 81.4 | 82.6 | 79.8 | 81.3 | 82.4 | 83.2 | 83.8 | 84.5 | 79.2 | 81.6 | 82.8 | 80.9 | 77.9 | 74.1 | 64 |
| 68 | 74.1 | 74.8 | 75.8 | 76.7 | 77.6 | 78.7 | 79.6 | 80.0 | 76.8 | 79.2 | 79.7 | 80.6 | 81.3 | 81.0 | 76.6 | 77.5 | 77.0 | 75.2 | 73.6 | 71.8 | 68 |
| 72 | 71.6 | 72.9 | 73.9 | 74.4 | 75.5 | 76.1 | 77.0 | 78.2 | 74.6 | 77.1 | 77.7 | 78.7 | 79.5 | 80.0 | 74.2 | 72.2 | 71.8 | 70.0 | 68.5 | 66.7 | 72 |
| 76 | 69.6 | 71.0 | 71.5 | 72.5 | 73.3 | 74.3 | 75.2 | 75.6 | 72.5 | 75.0 | 75.8 | 76.3 | 77.2 | 76.0 | 71.8 | 72.7 | 72.4 | 70.6 | 63.8 | 62.1 | 76 |
| 80 | 67.7 | 69.2 | 69.7 | 70.7 | 71.5 | 72.5 | 73.5 | 74.1 | 70.4 | 73.0 | 73.9 | 73.5 | 72.9 | 71.2 | 69.4 | 68.0 | 67.8 | 66.1 | 64.6 | 62.9 | 80 |
| 84 | 66.4 | 67.3 | 68.4 | 69.1 | 69.8 | 70.7 | 71.7 | 70.7 | 68.5 | 70.0 | 69.3 | 68.2 | 68.3 | 66.7 | 65.3 | 63.7 | 63.5 | 61.9 | 60.5 | 58.8 | 84 |
| 88 | 65.0 | 65.5 | 66.5 | 67.3 | 68.1 | 67.0 | 66.3 | 65.2 | 65.6 | 64.5 | 63.8 | 62.7 | 63.0 | 61.9 | 61.2 | 59.7 | 59.5 | 58.0 | 56.6 | 55.0 | 88 |
| 92 | 63.7 | 64.2 | 64.4 | 63.4 | 63.1 | 62.0 | 61.3 | 60.2 | 60.6 | 59.5 | 58.8 | 57.7 | 58.0 | 56.9 | 56.2 | 55.1 | 55.7 | 54.3 | 53.0 | 51.5 | 92 |
| 96 | 61.5 | 60.5 | 59.8 | 58.8 | 58.5 | 57.4 | 56.7 | 55.6 | 56.0 | 54.9 | 54.2 | 53.1 | 53.4 | 52.3 | 51.6 | 50.5 | 51.1 | 50.1 | 49.3 | 48.2 | 96 |
| 100 | | 56.2 | 55.6 | 54.5 | 54.3 | 53.2 | 52.5 | 51.4 | 51.8 | 50.7 | 50.0 | 48.9 | 49.2 | 48.1 | 47.4 | 46.3 | 46.9 | 45.9 | 45.1 | 44.1 | 100 |
| 104 | | | | 50.6 | 50.3 | 49.3 | 48.6 | 47.5 | 47.9 | 46.8 | 46.1 | 45.0 | 45.3 | 44.2 | 43.5 | 42.4 | 43.0 | 42.0 | 41.2 | 40.2 | 104 |
| 108 | | | | | 46.7 | 45.7 | 45.0 | 43.9 | 44.3 | 43.2 | 42.5 | 41.4 | 41.7 | 40.6 | 39.9 | 38.8 | 39.4 | 38.4 | 37.6 | 36.6 | 108 |
| 112 | | | | | | | 41.6 | 40.5 | 40.9 | 39.9 | 39.1 | 38.1 | 38.3 | 37.3 | 36.5 | 35.5 | 36.1 | 35.0 | 34.3 | 33.2 | 112 |
| 116 | | | | | | | | | 37.8 | 36.7 | 36.0 | 35.0 | 35.2 | 34.2 | 33.4 | 32.4 | 33.0 | 31.9 | 31.2 | 30.1 | 116 |
| 120 | | | | | | | | | | 33.8 | 33.1 | 32.0 | 32.3 | 31.2 | 30.5 | 29.5 | 30.1 | 29.0 | 28.3 | 27.2 | 120 |
| 124 | | | | | | | | | | | | 29.3 | 29.6 | 28.5 | 27.8 | 26.7 | 27.3 | 26.3 | 25.5 | 24.5 | 124 |
| 128 | | | | | | | | | | | | | | 25.9 | 25.2 | 24.2 | 24.8 | 23.7 | 23.0 | 22.0 | 128 |
| 132 | | | | | | | | | | | | | | | 22.8 | 21.8 | 22.4 | 21.3 | 20.6 | 19.6 | 132 |
| 136 | | | | | | | | | | | | | | | | | 20.1 | 19.1 | 18.3 | 17.3 | 136 |
| 140 | | | | | | | | | | | | | | | | | | 16.9 | 16.2 | 15.2 | 140 |
| 144 | | | | | | | | | | | | | | | | | | | | 13.1 | 144 |

HJFJDB_5 Boom Combination

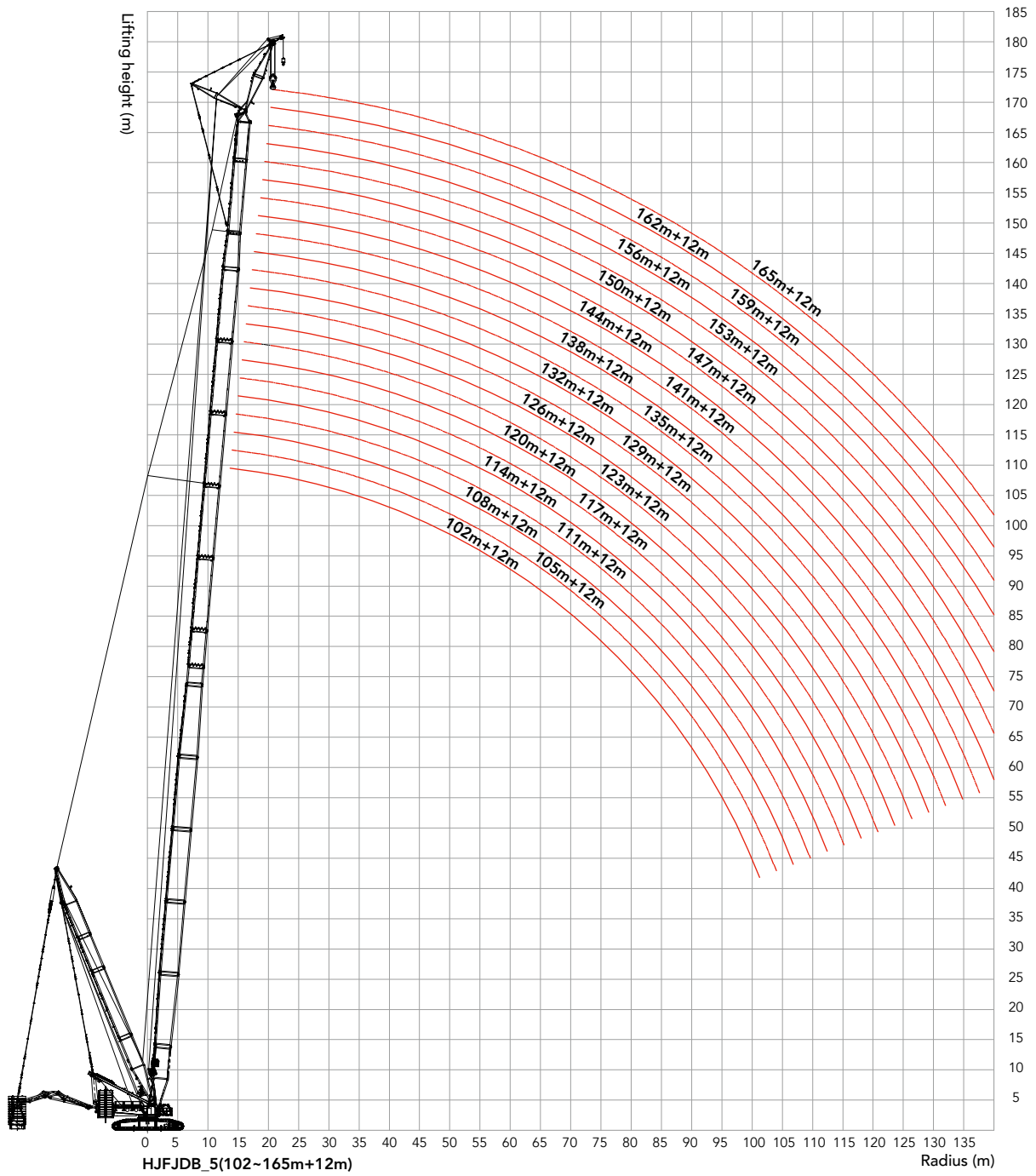
| HJFJDB_5 Boom Combination | | | | | |
|---------------------------|----------------|-------------|----|-----|---------------|
| Boom length(m) | Power boom 12m | Boom insert | | | |
| | | 3m | 6m | 12m | |
| 114 | 5 | - | 1 | 1 | Fixed jib 12m |
| 117 | 5 | 1 | 1 | 1 | |
| 120 | 5 | - | 2 | 1 | |
| 123* | 5 | 1 | 2 | 1 | |
| 126* | 5 | - | 1 | 2 | |
| 129* | 5 | 1 | 1 | 2 | |
| 132* | 5 | - | 2 | 2 | |
| 135* | 5 | 1 | 2 | 2 | |
| 138* | 5 | - | 1 | 3 | |
| 141* | 5 | 1 | 1 | 3 | |
| 144* | 5 | - | 2 | 3 | |
| 147* | 5 | 1 | 2 | 3 | |
| 150* | 5 | - | 1 | 4 | |
| 153* | 5 | 1 | 1 | 4 | |
| 156* | 5 | - | 2 | 4 | |
| 159* | 5 | 1 | 2 | 4 | |
| 162* | 5 | - | 1 | 5 | |
| 165* | 5 | 1 | 1 | 5 | |

Note: Boom base, 6m tapered section, 12m jib insert and jib top are must.
For combinations from 126m~165m, the mid-suspension cable is must, otherwise, the boom may break.



HJFJDB_5(102~165m+12m)

Working Radius of HJFJDB_5 Configuration



Load Chart of HJFJDB_5 Configuration

| SCC7500A-HJFJDB_5 configuration 1/6 | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 102m~165m, Jib length: 12m, Boom to jib angle: 10°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | |
| Radius (m) | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | Radius (m) |
| 16 | 171 | 170 | | | | | | | | | | 16 |
| 17 | 171 | 170 | 169 | 168 | 167 | 165 | | | | | | 17 |
| 18 | 170 | 170 | 168 | 168 | 166 | 165 | 164 | 162 | 161 | 158 | | 18 |
| 19 | 170 | 169 | 168 | 168 | 166 | 165 | 164 | 160 | 160 | 158 | 151 | 19 |
| 20 | 170 | 169 | 168 | 167 | 166 | 164 | 164 | 158 | 160 | 158 | 151 | 20 |
| 22 | 169 | 168 | 167 | 167 | 165 | 164 | 163 | 153 | 155 | 157 | 150 | 22 |
| 24 | 169 | 168 | 167 | 166 | 165 | 164 | 162 | 148 | 151 | 153 | 149 | 24 |
| 26 | 168 | 167 | 166 | 165 | 164 | 163 | 161 | 143 | 146 | 149 | 148 | 26 |
| 28 | 163 | 164 | 165 | 164 | 163 | 162 | 161 | 138 | 141 | 145 | 147 | 28 |
| 30 | 157 | 159 | 160 | 160 | 162 | 161 | 160 | 134 | 138 | 141 | 144 | 30 |
| 32 | 152 | 154 | 155 | 156 | 157 | 159 | 160 | 130 | 134 | 137 | 140 | 32 |
| 34 | 147 | 148 | 150 | 152 | 153 | 155 | 155 | 125 | 129 | 134 | 136 | 34 |
| 36 | 143 | 145 | 146 | 147 | 148 | 150 | 151 | 121 | 125 | 129 | 133 | 36 |
| 38 | 138 | 140 | 141 | 143 | 144 | 146 | 147 | 117 | 122 | 126 | 130 | 38 |
| 40 | 135 | 136 | 138 | 139 | 140 | 142 | 144 | 114 | 118 | 122 | 126 | 40 |
| 44 | 127 | 129 | 130 | 132 | 133 | 135 | 136 | 108 | 111 | 116 | 120 | 44 |
| 48 | 121 | 122 | 123 | 126 | 127 | 128 | 130 | 102 | 106 | 110 | 114 | 48 |
| 52 | 114 | 116 | 118 | 120 | 121 | 123 | 123 | 96.5 | 100 | 104 | 108 | 52 |
| 56 | 109 | 111 | 112 | 114 | 116 | 117 | 119 | 92.2 | 95.0 | 99.3 | 103 | 56 |
| 60 | 104 | 106 | 108 | 109 | 111 | 112 | 112 | 87.7 | 91.3 | 95.1 | 98.0 | 60 |
| 64 | 100 | 102 | 103 | 105 | 106 | 106 | 104 | 84.1 | 87.1 | 90.9 | 94.2 | 64 |
| 68 | 96.2 | 97.3 | 99.3 | 100 | 101 | 99.3 | 97.7 | 80.5 | 83.7 | 87.3 | 90.7 | 68 |
| 72 | 92.5 | 93.7 | 94.1 | 93.0 | 92.7 | 91.6 | 90.9 | 78.0 | 80.4 | 84.2 | 84.7 | 72 |
| 76 | 88.6 | 87.4 | 86.8 | 85.6 | 85.4 | 84.2 | 83.5 | 74.7 | 78.0 | 80.6 | 79.1 | 76 |
| 80 | 82.0 | 80.8 | 80.2 | 79.0 | 78.8 | 77.6 | 76.9 | 72.7 | 75.5 | 74.3 | 73.6 | 80 |
| 84 | 76.0 | 74.9 | 74.2 | 73.0 | 72.8 | 71.7 | 71.0 | 69.8 | 69.5 | 68.4 | 67.6 | 84 |
| 88 | 70.6 | 69.4 | 68.8 | 67.6 | 67.4 | 66.2 | 65.5 | 64.4 | 64.1 | 63.0 | 62.2 | 88 |
| 92 | 65.7 | 64.5 | 63.8 | 62.7 | 62.5 | 61.3 | 60.6 | 59.4 | 59.2 | 58.0 | 57.3 | 92 |
| 96 | 61.1 | 60.0 | 59.3 | 58.1 | 57.9 | 56.8 | 56.1 | 54.9 | 54.6 | 53.5 | 52.8 | 96 |
| 100 | | 55.8 | 55.1 | 54.0 | 53.8 | 52.6 | 51.9 | 50.8 | 50.5 | 49.3 | 48.6 | 100 |
| 104 | | | | 50.1 | 49.9 | 48.8 | 48.1 | 46.9 | 46.6 | 45.5 | 44.7 | 104 |
| 108 | | | | | | 45.2 | 44.5 | 43.4 | 43.1 | 41.9 | 41.2 | 108 |
| 112 | | | | | | | 41.2 | 40.0 | 39.8 | 38.6 | 37.9 | 112 |
| 116 | | | | | | | | | 36.7 | 35.5 | 34.8 | 116 |
| 120 | | | | | | | | | | | 31.9 | 120 |

Unit: t

Load Chart of HJFJDB_5 Configuration

| SCC7500A-HJFJDB_5 configuration 2/6 | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 102m~165m, Jib length: 12m, Boom to jib angle: 10°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | |
| Radius (m) | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 16 | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | 18 |
| 19 | 143 | 135 | 129 | | | | | | | | | 19 |
| 20 | 143 | 135 | 128 | 122 | 116 | 108 | 103 | | | | | 20 |
| 22 | 143 | 134 | 128 | 121 | 115 | 108 | 102 | 97.4 | 92.2 | 85.4 | 80.8 | 22 |
| 24 | 142 | 134 | 127 | 120 | 114 | 107 | 102 | 96.7 | 91.7 | 84.7 | 80.2 | 24 |
| 26 | 141 | 133 | 126 | 120 | 114 | 106 | 101 | 96.1 | 91.0 | 84.0 | 79.5 | 26 |
| 28 | 140 | 132 | 125 | 119 | 113 | 106 | 100 | 95.4 | 90.3 | 83.3 | 78.8 | 28 |
| 30 | 139 | 131 | 125 | 118 | 112 | 105 | 99.5 | 94.6 | 89.7 | 82.6 | 78.2 | 30 |
| 32 | 138 | 130 | 124 | 117 | 111 | 104 | 98.7 | 94.0 | 88.9 | 82.0 | 77.7 | 32 |
| 34 | 137 | 129 | 123 | 116 | 110 | 103 | 98.2 | 93.3 | 88.3 | 81.3 | 77.0 | 34 |
| 36 | 136 | 128 | 122 | 115 | 110 | 102 | 97.5 | 92.5 | 87.6 | 80.6 | 76.4 | 36 |
| 38 | 133 | 127 | 121 | 114 | 109 | 102 | 96.7 | 91.9 | 86.9 | 80.0 | 75.8 | 38 |
| 40 | 130 | 126 | 120 | 113 | 108 | 101 | 96.0 | 91.1 | 86.3 | 79.3 | 75.1 | 40 |
| 44 | 124 | 125 | 119 | 110 | 106 | 98.9 | 94.4 | 89.7 | 84.9 | 78.1 | 73.9 | 44 |
| 48 | 118 | 121 | 117 | 104 | 104 | 97.2 | 92.8 | 88.3 | 83.7 | 76.8 | 72.7 | 48 |
| 52 | 112 | 111 | 109 | 99.5 | 102 | 95.5 | 91.3 | 86.9 | 82.3 | 75.8 | 71.5 | 52 |
| 56 | 103 | 102 | 100 | 94.6 | 96.2 | 93.8 | 89.8 | 85.5 | 81.0 | 74.5 | 70.4 | 56 |
| 60 | 95.8 | 95.0 | 92.8 | 90.9 | 88.9 | 88.0 | 85.9 | 84.1 | 79.8 | 73.4 | 69.3 | 60 |
| 64 | 88.9 | 88.1 | 86.0 | 84.3 | 82.3 | 81.5 | 79.5 | 77.8 | 75.9 | 72.3 | 68.3 | 64 |
| 68 | 88.7 | 88.0 | 86.0 | 83.3 | 76.4 | 75.7 | 73.8 | 72.2 | 70.3 | 70.0 | 67.2 | 68 |
| 72 | 82.7 | 82.2 | 80.2 | 78.6 | 76.7 | 70.4 | 68.6 | 67.0 | 65.2 | 64.9 | 63.1 | 72 |
| 76 | 77.3 | 76.8 | 75.0 | 73.4 | 71.6 | 71.0 | 69.2 | 67.7 | 60.6 | 60.4 | 58.6 | 76 |
| 80 | 72.3 | 71.9 | 70.1 | 68.7 | 66.9 | 66.4 | 64.6 | 63.2 | 61.4 | 61.2 | 54.5 | 80 |
| 84 | 66.5 | 66.9 | 65.6 | 64.3 | 62.6 | 62.1 | 60.4 | 59.0 | 57.3 | 57.2 | 55.5 | 84 |
| 88 | 61.1 | 61.4 | 60.3 | 59.6 | 58.5 | 58.1 | 56.5 | 55.2 | 53.5 | 53.5 | 51.8 | 88 |
| 92 | 56.1 | 56.5 | 55.4 | 54.6 | 53.5 | 53.8 | 52.7 | 51.6 | 50.0 | 50.0 | 48.4 | 92 |
| 96 | 51.6 | 52.0 | 50.9 | 50.1 | 49.0 | 49.3 | 48.1 | 47.4 | 46.3 | 46.7 | 45.2 | 96 |
| 100 | 47.4 | 47.8 | 46.7 | 45.9 | 44.8 | 45.1 | 44.0 | 43.2 | 42.1 | 42.8 | 41.7 | 100 |
| 104 | 43.6 | 44.0 | 42.9 | 42.1 | 41.0 | 41.3 | 40.1 | 39.4 | 38.3 | 38.9 | 37.8 | 104 |
| 108 | 40.1 | 40.4 | 39.3 | 38.6 | 37.4 | 37.7 | 36.6 | 35.8 | 34.7 | 35.4 | 34.3 | 108 |
| 112 | 36.8 | 37.1 | 36.0 | 35.3 | 34.1 | 34.4 | 33.3 | 32.5 | 31.4 | 32.1 | 31.0 | 112 |
| 116 | 33.7 | 34.1 | 32.9 | 32.2 | 31.1 | 31.3 | 30.2 | 29.5 | 28.4 | 29.0 | 27.9 | 116 |
| 120 | 30.8 | 31.2 | 30.1 | 29.3 | 28.2 | 28.5 | 27.4 | 26.6 | 25.5 | 26.1 | 25.0 | 120 |
| 124 | 28.1 | 28.5 | 27.4 | 26.6 | 25.5 | 25.8 | 24.7 | 23.9 | 22.8 | 23.5 | 22.4 | 124 |
| 128 | | | 24.9 | 24.1 | 23.0 | 23.3 | 22.2 | 21.4 | 20.3 | 21.0 | 19.9 | 128 |
| 132 | | | | | 20.6 | 20.9 | 19.8 | 19.1 | 17.9 | 18.6 | 17.5 | 132 |
| 136 | | | | | | 18.7 | 17.6 | 16.8 | 15.7 | 16.4 | 15.3 | 136 |
| 140 | | | | | | | | 14.7 | 13.6 | 14.3 | 13.2 | 140 |
| 144 | | | | | | | | | 11.6 | 12.3 | 11.2 | 144 |
| 148 | | | | | | | | | | | 9.3 | 148 |

Load Chart of HJFJDB_5 Configuration

| SCC7500A-HJFJDB_5 configuration 3/6 | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 102m~165m, Jib length: 12m, Boom to jib angle: 15°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | |
| Radius (m) | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | Radius (m) |
| 17 | 165 | 165 | | | | | | | | | | 17 |
| 18 | 164 | 165 | 163 | 164 | 164 | 157 | | | | | | 18 |
| 19 | 161 | 162 | 163 | 163 | 162 | 155 | 155 | 151 | 146 | 147 | | 19 |
| 20 | 158 | 159 | 160 | 160 | 161 | 155 | 153 | 150 | 146 | 146 | 148 | 20 |
| 22 | 153 | 153 | 154 | 155 | 156 | 155 | 149 | 146 | 146 | 143 | 144 | 22 |
| 24 | 149 | 149 | 150 | 151 | 151 | 152 | 145 | 141 | 144 | 140 | 141 | 24 |
| 26 | 144 | 144 | 146 | 146 | 147 | 147 | 141 | 137 | 140 | 137 | 138 | 26 |
| 28 | 139 | 141 | 141 | 142 | 143 | 144 | 138 | 134 | 136 | 132 | 135 | 28 |
| 30 | 136 | 136 | 136 | 138 | 140 | 136 | 134 | 130 | 133 | 129 | 132 | 30 |
| 32 | 132 | 130 | 130 | 135 | 129 | 130 | 130 | 126 | 129 | 126 | 129 | 32 |
| 34 | 128 | 125 | 124 | 132 | 126 | 127 | 128 | 123 | 120 | 123 | 126 | 34 |
| 36 | 119 | 120 | 121 | 121 | 123 | 124 | 124 | 120 | 116 | 120 | 123 | 36 |
| 38 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 116 | 114 | 117 | 120 | 38 |
| 40 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 113 | 111 | 115 | 117 | 40 |
| 44 | 108 | 109 | 109 | 111 | 112 | 113 | 114 | 107 | 105 | 109 | 113 | 44 |
| 48 | 102 | 104 | 105 | 106 | 107 | 109 | 110 | 101 | 99.6 | 104 | 107 | 48 |
| 52 | 98.0 | 99.3 | 101 | 102 | 103 | 104 | 105 | 91.7 | 95.1 | 98.6 | 102 | 52 |
| 56 | 94.2 | 95.7 | 96.5 | 97.6 | 99.3 | 100 | 102 | 88.1 | 90.8 | 94.5 | 98.2 | 56 |
| 60 | 90.5 | 91.3 | 93.1 | 94.3 | 95.1 | 96.2 | 97.9 | 83.7 | 87.4 | 90.4 | 93.7 | 60 |
| 64 | 86.9 | 88.4 | 89.8 | 91.1 | 92.0 | 93.1 | 94.1 | 80.6 | 83.7 | 87.3 | 90.5 | 64 |
| 68 | 84.1 | 85.6 | 86.5 | 88.0 | 88.9 | 90.2 | 91.1 | 77.7 | 80.8 | 84.2 | 86.8 | 68 |
| 72 | 81.2 | 82.3 | 83.4 | 84.9 | 86.0 | 87.4 | 88.3 | 75.2 | 77.7 | 81.1 | 83.9 | 72 |
| 76 | 78.4 | 80.2 | 81.3 | 81.9 | 82.9 | 84.5 | 84.0 | 72.9 | 75.4 | 78.2 | 79.3 | 76 |
| 80 | 76.4 | 77.6 | 78.3 | 79.4 | 79.2 | 78.0 | 77.3 | 70.6 | 73.2 | 74.8 | 74.1 | 80 |
| 84 | 74.4 | 75.0 | 74.5 | 73.4 | 73.2 | 72.0 | 71.3 | 68.4 | 69.9 | 68.8 | 68.1 | 84 |
| 88 | 70.9 | 69.7 | 69.1 | 67.9 | 67.7 | 66.6 | 65.9 | 64.8 | 64.5 | 63.3 | 62.6 | 88 |
| 92 | 65.9 | 64.7 | 64.1 | 62.9 | 62.7 | 61.6 | 60.9 | 59.8 | 59.5 | 58.4 | 57.6 | 92 |
| 96 | 61.3 | 60.2 | 59.5 | 58.4 | 58.2 | 57.0 | 56.4 | 55.2 | 54.9 | 53.8 | 53.1 | 96 |
| 100 | | 56.0 | 55.3 | 54.2 | 54.0 | 52.8 | 52.2 | 51.0 | 50.7 | 49.6 | 48.9 | 100 |
| 104 | | | | 50.3 | 50.1 | 49.0 | 48.3 | 47.2 | 46.9 | 45.7 | 45.0 | 104 |
| 108 | | | | | | 45.4 | 44.7 | 43.6 | 43.3 | 42.2 | 41.4 | 108 |
| 112 | | | | | | | 41.4 | 40.2 | 40.0 | 38.8 | 38.1 | 112 |
| 116 | | | | | | | | | 36.9 | 35.7 | 35.0 | 116 |
| 120 | | | | | | | | | | 32.8 | 32.1 | 120 |

Unit: t

Load Chart of HJFJDB_5 Configuration

| SCC7500A-HJFJDB_5 configuration 4/6 | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 102m~165m, Jib length: 12m, Boom to jib angle: 15°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | |
| Radius (m) | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 17 | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | 19 |
| 20 | 140 | 133 | 126 | | | | | | | | | 20 |
| 22 | 140 | 134 | 127 | 121 | 115 | 108 | 102 | 97.3 | 92.2 | 85.4 | 80.8 | 22 |
| 24 | 141 | 133 | 127 | 121 | 115 | 107 | 102 | 96.7 | 91.7 | 84.7 | 80.3 | 24 |
| 26 | 140 | 133 | 126 | 120 | 114 | 106 | 101 | 96.2 | 91.0 | 84.2 | 79.6 | 26 |
| 28 | 137 | 132 | 126 | 119 | 113 | 106 | 100 | 95.5 | 90.4 | 83.5 | 78.9 | 28 |
| 30 | 135 | 131 | 125 | 118 | 113 | 105 | 99.8 | 94.9 | 89.8 | 82.8 | 78.3 | 30 |
| 32 | 132 | 131 | 124 | 117 | 112 | 104 | 99.1 | 94.2 | 89.2 | 82.2 | 77.9 | 32 |
| 34 | 128 | 129 | 123 | 117 | 111 | 104 | 98.6 | 93.6 | 88.5 | 81.6 | 77.2 | 34 |
| 36 | 126 | 127 | 123 | 114 | 110 | 103 | 98.0 | 92.9 | 88.0 | 80.9 | 76.6 | 36 |
| 38 | 123 | 123 | 122 | 111 | 109 | 102 | 97.2 | 92.2 | 87.3 | 80.3 | 76.0 | 38 |
| 40 | 120 | 121 | 121 | 108 | 109 | 101 | 96.5 | 91.6 | 86.6 | 79.7 | 75.4 | 40 |
| 44 | 116 | 116 | 118 | 103 | 106 | 99.8 | 95.1 | 90.2 | 85.4 | 78.4 | 74.3 | 44 |
| 48 | 111 | 112 | 113 | 98.5 | 101 | 98.2 | 93.7 | 88.9 | 84.2 | 77.2 | 73.1 | 48 |
| 52 | 106 | 108 | 109 | 94.3 | 97.1 | 96.5 | 92.2 | 87.6 | 82.9 | 76.3 | 72.0 | 52 |
| 56 | 102 | 102 | 100 | 90.2 | 93.1 | 94.9 | 90.7 | 86.3 | 81.7 | 75.1 | 70.8 | 56 |
| 60 | 96.0 | 95.1 | 93.0 | 86.8 | 89.0 | 88.2 | 86.1 | 84.4 | 80.5 | 74.0 | 69.8 | 60 |
| 64 | 89.0 | 88.3 | 86.2 | 83.4 | 82.5 | 81.7 | 79.7 | 78.1 | 76.1 | 72.8 | 68.7 | 64 |
| 68 | 88.9 | 88.2 | 80.2 | 78.5 | 76.6 | 75.9 | 74.0 | 72.4 | 70.5 | 70.2 | 67.7 | 68 |
| 72 | 82.9 | 82.3 | 80.4 | 77.5 | 76.9 | 70.6 | 68.8 | 67.2 | 65.4 | 65.2 | 63.4 | 72 |
| 76 | 77.5 | 77.0 | 75.2 | 73.6 | 71.8 | 71.2 | 69.4 | 62.6 | 60.8 | 60.6 | 58.9 | 76 |
| 80 | 72.5 | 72.1 | 70.3 | 68.9 | 67.1 | 66.6 | 64.8 | 63.4 | 61.6 | 61.5 | 54.7 | 80 |
| 84 | 67.0 | 67.3 | 65.8 | 64.5 | 62.8 | 62.3 | 60.6 | 59.2 | 57.5 | 57.4 | 55.7 | 84 |
| 88 | 61.5 | 61.9 | 60.8 | 60.0 | 58.7 | 58.4 | 56.7 | 55.4 | 53.8 | 53.7 | 52.1 | 88 |
| 92 | 56.5 | 56.9 | 55.8 | 55.0 | 53.9 | 54.2 | 53.1 | 51.8 | 50.2 | 50.2 | 48.6 | 92 |
| 96 | 52.0 | 52.3 | 51.2 | 50.5 | 49.4 | 49.7 | 48.6 | 47.8 | 46.7 | 46.9 | 45.4 | 96 |
| 100 | 47.8 | 48.2 | 47.0 | 46.3 | 45.2 | 45.5 | 44.4 | 43.6 | 42.5 | 43.2 | 42.1 | 100 |
| 104 | 43.9 | 44.3 | 43.2 | 42.4 | 41.3 | 41.6 | 40.5 | 39.8 | 38.7 | 39.3 | 38.2 | 104 |
| 108 | 40.3 | 40.7 | 39.6 | 38.9 | 37.7 | 38.0 | 36.9 | 36.2 | 35.1 | 35.7 | 34.6 | 108 |
| 112 | 37.0 | 37.4 | 36.3 | 35.5 | 34.4 | 34.7 | 33.6 | 32.9 | 31.8 | 32.4 | 31.3 | 112 |
| 116 | 33.9 | 34.3 | 33.2 | 32.4 | 31.3 | 31.6 | 30.5 | 29.8 | 28.7 | 29.3 | 28.2 | 116 |
| 120 | 31.0 | 31.4 | 30.3 | 29.6 | 28.4 | 28.7 | 27.6 | 26.9 | 25.8 | 26.4 | 25.3 | 120 |
| 124 | 28.3 | 28.7 | 27.6 | 26.8 | 25.7 | 26.0 | 24.9 | 24.2 | 23.1 | 23.7 | 22.7 | 124 |
| 128 | | | 25.0 | 24.3 | 23.2 | 23.5 | 22.4 | 21.6 | 20.5 | 21.2 | 20.1 | 128 |
| 132 | | | | 21.9 | 20.8 | 21.1 | 20.0 | 19.3 | 18.2 | 18.8 | 17.7 | 132 |
| 136 | | | | | | 18.9 | 17.8 | 17.0 | 15.9 | 16.6 | 15.5 | 136 |
| 140 | | | | | | | | 14.9 | 13.8 | 14.5 | 13.4 | 140 |
| 144 | | | | | | | | | 11.8 | 12.5 | 11.4 | 144 |
| 148 | | | | | | | | | | | 9.5 | 148 |

Load Chart of HJFJDB_5 Configuration

| SCC7500A-HJFJDB_5 configuration 5/6 | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|---------------|
| Boom length: 102m~165m, Jib length: 12m, Boom to jib angle: 20°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | |
| Radius (m) | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | Radius (m) |
| 18 | 127 | 127 | 128 | | | | | | | | | 18 |
| 19 | 125 | 125 | 125 | 125 | 126 | 126 | 126 | | | | | 19 |
| 20 | 123 | 123 | 124 | 124 | 124 | 124 | 124 | 124 | 125 | 125 | | 20 |
| 22 | 120 | 120 | 120 | 121 | 122 | 122 | 122 | 121 | 122 | 122 | 122 | 22 |
| 24 | 116 | 117 | 117 | 118 | 118 | 119 | 119 | 117 | 118 | 119 | 120 | 24 |
| 26 | 113 | 114 | 114 | 115 | 116 | 116 | 116 | 115 | 115 | 116 | 117 | 26 |
| 28 | 110 | 111 | 111 | 112 | 113 | 113 | 114 | 112 | 113 | 114 | 114 | 28 |
| 30 | 107 | 108 | 109 | 109 | 110 | 110 | 112 | 110 | 111 | 111 | 112 | 30 |
| 32 | 105 | 105 | 106 | 107 | 108 | 108 | 109 | 107 | 108 | 108 | 110 | 32 |
| 34 | 102 | 103 | 104 | 105 | 105 | 106 | 107 | 105 | 106 | 106 | 107 | 34 |
| 36 | 100 | 101 | 101 | 102 | 103 | 104 | 104 | 102 | 103 | 104 | 104 | 36 |
| 38 | 97.6 | 98.2 | 99.4 | 100 | 101 | 101 | 102 | 100 | 102 | 102 | 103 | 38 |
| 40 | 95.2 | 96.0 | 97.2 | 97.7 | 98.4 | 99.6 | 100 | 98.7 | 99.1 | 99.8 | 101 | 40 |
| 44 | 91.7 | 92.5 | 93.3 | 94.0 | 94.8 | 95.6 | 96.4 | 94.2 | 94.9 | 95.9 | 97.1 | 44 |
| 48 | 88.2 | 89.2 | 89.5 | 90.3 | 91.3 | 92.2 | 92.6 | 90.7 | 91.7 | 92.8 | 93.4 | 48 |
| 52 | 84.6 | 85.5 | 86.3 | 87.2 | 88.3 | 88.7 | 89.8 | 88.2 | 88.3 | 89.7 | 90.5 | 52 |
| 56 | 81.2 | 82.7 | 83.7 | 84.2 | 85.3 | 85.9 | 86.9 | 83.9 | 85.9 | 86.6 | 87.6 | 56 |
| 60 | 79.0 | 79.5 | 80.5 | 81.7 | 82.3 | 83.0 | 84.3 | 80.9 | 83.5 | 84.3 | 84.7 | 60 |
| 64 | 76.3 | 77.4 | 78.1 | 79.2 | 80.0 | 81.1 | 81.6 | 78.0 | 80.3 | 81.3 | 82.6 | 64 |
| 68 | 73.6 | 74.8 | 75.6 | 76.7 | 77.6 | 78.5 | 78.9 | 75.2 | 78.0 | 79.1 | 79.9 | 68 |
| 72 | 71.8 | 72.4 | 73.6 | 74.4 | 75.3 | 76.3 | 77.1 | 72.5 | 75.3 | 76.9 | 77.8 | 72 |
| 76 | 69.8 | 70.4 | 71.8 | 72.5 | 73.4 | 74.0 | 75.3 | 70.6 | 72.8 | 74.8 | 75.8 | 76 |
| 80 | 67.8 | 69.0 | 69.9 | 70.6 | 71.3 | 72.3 | 73.1 | 68.8 | 71.0 | 73.5 | 73.9 | 80 |
| 84 | 66.4 | 67.2 | 68.0 | 68.8 | 69.6 | 70.4 | 71.4 | 66.8 | 69.4 | 69.2 | 68.5 | 84 |
| 88 | 65.1 | 65.8 | 66.2 | 67.2 | 67.8 | 66.9 | 66.2 | 65.1 | 64.8 | 63.7 | 63.0 | 88 |
| 92 | 63.8 | 64.5 | 64.3 | 63.2 | 63.0 | 61.9 | 61.2 | 60.1 | 59.8 | 58.7 | 58.0 | 92 |
| 96 | 61.5 | 60.3 | 59.7 | 58.6 | 58.4 | 57.3 | 56.6 | 55.5 | 55.2 | 54.1 | 53.4 | 96 |
| 100 | | 56.1 | 55.5 | 54.4 | 54.2 | 53.1 | 52.4 | 51.3 | 51.0 | 49.9 | 49.2 | 100 |
| 104 | | | | 50.4 | 50.3 | 49.2 | 48.5 | 47.4 | 47.1 | 46.0 | 45.3 | 104 |
| 108 | | | | | 46.6 | 45.5 | 44.9 | 43.8 | 43.5 | 42.4 | 41.7 | 108 |
| 112 | | | | | | | 41.5 | 40.4 | 40.1 | 39.0 | 38.3 | 112 |
| 116 | | | | | | | | | 37.0 | 35.9 | 35.2 | 116 |
| 120 | | | | | | | | | | 33.0 | 32.3 | 120 |

Unit: t

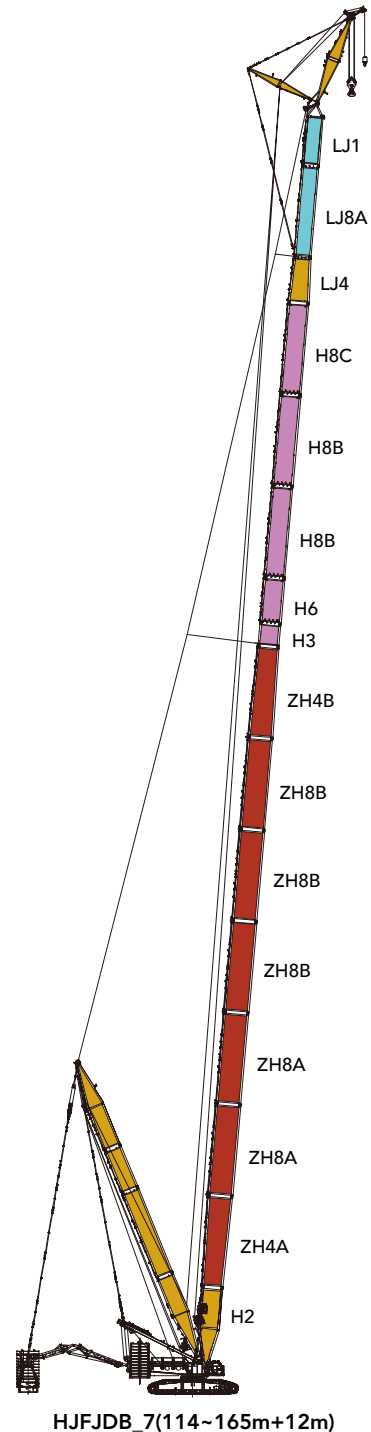
Load Chart of HJFJDB_5 Configuration

| SCC7500A-HJFJDB_5 configuration 6/6 | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 102m~165m, Jib length: 12m, Boom to jib angle: 20°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | |
| Radius (m) | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 18 | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | 20 |
| 22 | 123 | 123 | 123 | 120 | 114 | 106 | 101 | | | | | 22 |
| 24 | 120 | 120 | 120 | 118 | 114 | 107 | 101 | 96.4 | 91.4 | 84.5 | 80.1 | 24 |
| 26 | 117 | 117 | 118 | 116 | 114 | 106 | 101 | 95.9 | 90.8 | 84.0 | 79.5 | 26 |
| 28 | 115 | 115 | 116 | 113 | 113 | 106 | 100 | 95.4 | 90.2 | 83.4 | 78.8 | 28 |
| 30 | 112 | 113 | 113 | 111 | 112 | 105 | 99.7 | 94.8 | 89.7 | 82.7 | 78.3 | 30 |
| 32 | 110 | 111 | 111 | 109 | 110 | 104 | 99.1 | 94.2 | 89.1 | 82.2 | 77.7 | 32 |
| 34 | 108 | 108 | 109 | 107 | 108 | 104 | 98.7 | 93.6 | 88.5 | 81.6 | 77.2 | 34 |
| 36 | 106 | 106 | 107 | 105 | 106 | 103 | 98.1 | 93.0 | 88.0 | 81.0 | 76.6 | 36 |
| 38 | 104 | 104 | 105 | 103 | 104 | 102 | 97.4 | 92.4 | 87.4 | 80.3 | 76.1 | 38 |
| 40 | 101 | 102 | 103 | 101 | 102 | 102 | 96.8 | 91.8 | 86.8 | 79.8 | 75.5 | 40 |
| 44 | 97.9 | 98.7 | 99.7 | 97.3 | 98.6 | 98.6 | 95.5 | 90.5 | 85.7 | 78.6 | 74.4 | 44 |
| 48 | 94.4 | 95.4 | 95.9 | 93.9 | 94.8 | 95.6 | 94.2 | 89.3 | 84.4 | 77.5 | 73.3 | 48 |
| 52 | 91.0 | 92.1 | 92.7 | 89.9 | 92.2 | 92.5 | 92.7 | 88.1 | 83.3 | 76.5 | 72.3 | 52 |
| 56 | 88.3 | 88.8 | 89.7 | 86.5 | 89.0 | 90.1 | 90.4 | 86.8 | 82.2 | 75.5 | 71.2 | 56 |
| 60 | 85.6 | 86.3 | 87.2 | 83.2 | 85.8 | 87.5 | 86.3 | 84.6 | 81.0 | 74.4 | 70.2 | 60 |
| 64 | 82.8 | 83.8 | 84.8 | 80.0 | 82.7 | 81.9 | 79.9 | 78.3 | 76.3 | 73.3 | 69.1 | 64 |
| 68 | 80.9 | 81.2 | 80.3 | 77.4 | 76.8 | 76.1 | 74.2 | 72.6 | 70.7 | 70.4 | 68.2 | 68 |
| 72 | 78.9 | 79.4 | 80.1 | 74.8 | 71.5 | 70.8 | 69.0 | 67.5 | 65.6 | 65.4 | 63.6 | 72 |
| 76 | 76.4 | 77.2 | 75.3 | 72.4 | 72.0 | 71.4 | 69.6 | 62.8 | 61.0 | 60.8 | 59.1 | 76 |
| 80 | 72.7 | 72.3 | 70.5 | 69.1 | 67.3 | 66.8 | 65.0 | 63.6 | 61.8 | 56.6 | 55.0 | 80 |
| 84 | 67.4 | 67.7 | 66.0 | 64.7 | 63.0 | 62.5 | 60.8 | 59.4 | 57.8 | 57.6 | 56.0 | 84 |
| 88 | 61.9 | 62.3 | 61.2 | 60.4 | 58.9 | 58.6 | 56.9 | 55.6 | 54.0 | 53.9 | 52.3 | 88 |
| 92 | 56.9 | 57.3 | 56.2 | 55.4 | 54.3 | 54.6 | 53.3 | 52.0 | 50.4 | 50.4 | 48.8 | 92 |
| 96 | 52.3 | 52.7 | 51.6 | 50.8 | 49.7 | 50.0 | 48.9 | 48.2 | 47.1 | 47.1 | 45.6 | 96 |
| 100 | 48.1 | 48.4 | 47.3 | 46.6 | 45.5 | 45.8 | 44.7 | 44.0 | 42.9 | 43.5 | 42.5 | 100 |
| 104 | 44.2 | 44.6 | 43.5 | 42.7 | 41.6 | 41.9 | 40.8 | 40.1 | 39.0 | 39.7 | 38.6 | 104 |
| 108 | 40.6 | 41.0 | 39.9 | 39.1 | 38.0 | 38.3 | 37.2 | 36.5 | 35.4 | 36.1 | 35.0 | 108 |
| 112 | 37.2 | 37.6 | 36.5 | 35.8 | 34.7 | 35.0 | 33.9 | 33.1 | 32.1 | 32.7 | 31.6 | 112 |
| 116 | 34.1 | 34.5 | 33.4 | 32.7 | 31.6 | 31.9 | 30.8 | 30.0 | 28.9 | 29.6 | 28.5 | 116 |
| 120 | 31.2 | 31.6 | 30.5 | 29.7 | 28.7 | 28.9 | 27.9 | 27.1 | 26.0 | 26.7 | 25.6 | 120 |
| 124 | 28.4 | 28.8 | 27.7 | 27.0 | 25.9 | 26.2 | 25.1 | 24.4 | 23.3 | 24.0 | 22.9 | 124 |
| 128 | | | 25.2 | 24.5 | 23.4 | 23.7 | 22.6 | 21.8 | 20.8 | 21.4 | 20.3 | 128 |
| 132 | | | | 22.0 | 21.0 | 21.3 | 20.2 | 19.4 | 18.4 | 19.0 | 18.0 | 132 |
| 136 | | | | | | 19.0 | 17.9 | 17.2 | 16.1 | 16.8 | 15.7 | 136 |
| 140 | | | | | | | 15.8 | 15.0 | 14.0 | 14.6 | 13.6 | 140 |
| 144 | | | | | | | | | 11.9 | 12.6 | 11.5 | 144 |
| 148 | | | | | | | | | | | 9.6 | 148 |

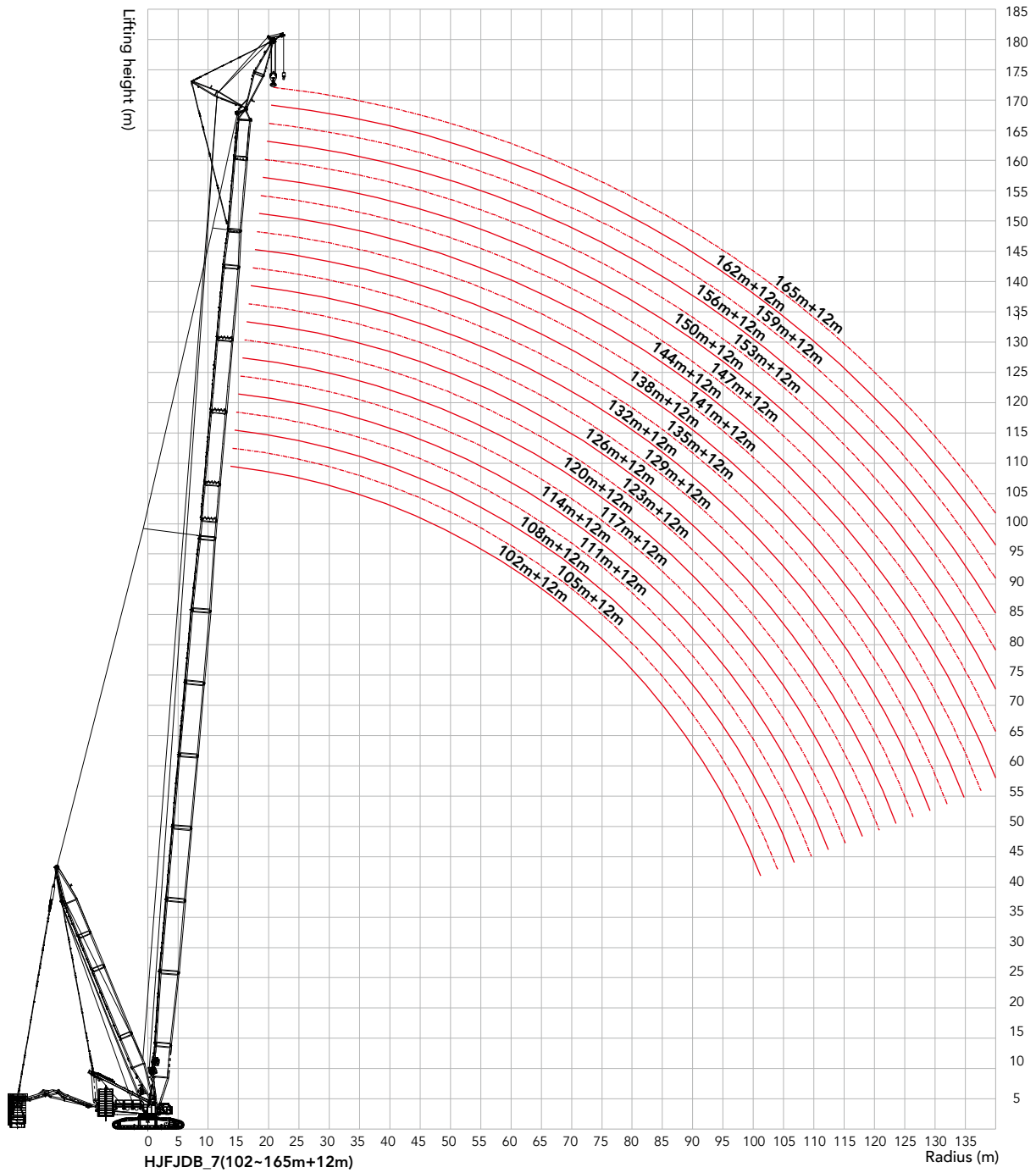
HJFJDB_7 Boom Combination

| HJFJDB_7 Boom Combination | | | | | |
|---------------------------|----------------|-------------|----|-----|---------------|
| Boom length(m) | Power boom 12m | Boom insert | | | |
| | | 3m | 6m | 12m | |
| 114 | 6 | - | 1 | - | Fixed jib 12m |
| 117 | 6 | 1 | 1 | - | |
| 120 | 6 | - | 2 | - | |
| 123 | 6 | 1 | 2 | - | |
| 126* | 7 | - | 1 | - | |
| 129* | 7 | 1 | 1 | - | |
| 132* | 7 | - | 2 | - | |
| 135* | 7 | 1 | 2 | - | |
| 138* | 7 | - | 1 | 1 | |
| 141* | 7 | 1 | 1 | 1 | |
| 144* | 7 | - | 2 | 1 | |
| 147* | 7 | 1 | 2 | 1 | |
| 150* | 7 | - | 1 | 2 | |
| 153* | 7 | 1 | 1 | 2 | |
| 156* | 7 | - | 2 | 2 | |
| 159* | 7 | 1 | 2 | 2 | |
| 162* | 7 | - | 1 | 3 | |
| 165* | 7 | 1 | 1 | 3 | |

Note: Boom base, 6m tapered section, 12m jib insert and jib top are must.
For combinations from 126m~165m, the mid-suspension cable is must, otherwise, the boom may break.



Working Radius of HJFJDB_7 Configuration



Load Chart of HJFJDB_7 Configuration

| SCC7500A-HJFJDB_7 configuration 1/3 | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 114m~165m, Jib length: 12m, Boom to jib angle: 10°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | | | | | | |
| Radius (m) | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 17 | 168 | 167 | | | | | | | | | | | | | | | | | 17 |
| 18 | 167 | 166 | 165 | 163 | 163 | 161 | | | | | | | | | | | | | 18 |
| 19 | 167 | 166 | 165 | 163 | 163 | 160 | 159 | 152 | 145 | 138 | | | | | | | | | 19 |
| 20 | 167 | 166 | 164 | 162 | 162 | 160 | 158 | 152 | 145 | 138 | 132 | 125 | 120 | 113 | | | | | 20 |
| 22 | 166 | 165 | 164 | 163 | 162 | 157 | 154 | 152 | 145 | 139 | 132 | 125 | 120 | 113 | 108 | 102 | 96.3 | 91.1 | 22 |
| 24 | 165 | 164 | 163 | 162 | 159 | 153 | 150 | 152 | 146 | 139 | 132 | 125 | 119 | 113 | 107 | 102 | 95.8 | 90.5 | 24 |
| 26 | 164 | 163 | 163 | 161 | 154 | 148 | 145 | 152 | 145 | 138 | 132 | 124 | 118 | 112 | 107 | 101 | 95.1 | 90.0 | 26 |
| 28 | 164 | 163 | 162 | 160 | 151 | 145 | 142 | 152 | 145 | 138 | 131 | 124 | 118 | 112 | 106 | 100 | 94.4 | 89.4 | 28 |
| 30 | 162 | 162 | 161 | 160 | 147 | 140 | 138 | 150 | 144 | 137 | 130 | 123 | 117 | 111 | 105 | 99.7 | 93.8 | 88.7 | 30 |
| 32 | 158 | 159 | 160 | 159 | 142 | 137 | 134 | 147 | 142 | 136 | 129 | 122 | 116 | 110 | 105 | 99.0 | 93.0 | 88.1 | 32 |
| 34 | 153 | 154 | 155 | 157 | 138 | 133 | 131 | 143 | 139 | 135 | 128 | 122 | 116 | 109 | 104 | 98.3 | 92.2 | 87.5 | 34 |
| 36 | 148 | 150 | 151 | 152 | 134 | 129 | 126 | 140 | 136 | 132 | 128 | 121 | 115 | 109 | 103 | 97.7 | 91.5 | 86.8 | 36 |
| 38 | 144 | 146 | 147 | 148 | 132 | 126 | 123 | 137 | 132 | 130 | 126 | 120 | 114 | 108 | 103 | 97.0 | 90.7 | 86.2 | 38 |
| 40 | 141 | 142 | 143 | 145 | 128 | 122 | 119 | 133 | 129 | 126 | 123 | 119 | 113 | 107 | 102 | 96.3 | 90.0 | 85.5 | 40 |
| 44 | 134 | 135 | 137 | 137 | 121 | 116 | 113 | 126 | 123 | 120 | 117 | 118 | 112 | 106 | 100 | 94.9 | 88.3 | 84.2 | 44 |
| 48 | 127 | 128 | 130 | 131 | 115 | 110 | 107 | 121 | 117 | 110 | 108 | 113 | 110 | 105 | 99.0 | 93.5 | 86.6 | 82.8 | 48 |
| 52 | 121 | 123 | 123 | 121 | 109 | 105 | 101 | 112 | 110 | 108 | 106 | 103 | 102 | 99.9 | 97.5 | 92.1 | 84.9 | 81.4 | 52 |
| 56 | 116 | 116 | 114 | 111 | 104 | 99.7 | 97.1 | 103 | 101 | 99.5 | 97.6 | 95.3 | 93.9 | 91.7 | 89.9 | 87.7 | 83.2 | 80.1 | 56 |
| 60 | 111 | 107 | 105 | 103 | 99.7 | 95.5 | 92.3 | 95.5 | 94.2 | 91.9 | 90.1 | 87.9 | 86.6 | 84.4 | 82.7 | 80.6 | 80.0 | 78.0 | 60 |
| 64 | 106 | 106 | 104 | 102 | 94.6 | 91.5 | 88.3 | 88.6 | 87.3 | 85.2 | 83.5 | 87.5 | 80.1 | 78.0 | 76.4 | 74.3 | 73.8 | 71.8 | 64 |
| 68 | 100 | 99.2 | 97.6 | 95.6 | 91.3 | 87.5 | 84.4 | 82.3 | 81.2 | 79.1 | 77.5 | 81.4 | 80.1 | 78.1 | 76.5 | 68.7 | 68.2 | 66.3 | 68 |
| 72 | 92.6 | 91.4 | 90.8 | 89.1 | 88.0 | 84.4 | 81.5 | 82.5 | 75.6 | 73.6 | 72.1 | 75.8 | 74.6 | 72.6 | 71.1 | 69.1 | 68.7 | 66.7 | 72 |
| 76 | 85.3 | 84.1 | 83.4 | 82.2 | 81.9 | 80.3 | 78.5 | 77.0 | 76.0 | 74.1 | 67.1 | 70.6 | 69.6 | 67.7 | 66.2 | 64.3 | 63.9 | 62.0 | 76 |
| 80 | 78.7 | 77.5 | 76.8 | 75.6 | 75.3 | 74.1 | 73.4 | 72.0 | 71.1 | 69.2 | 67.8 | 66.0 | 65.0 | 63.1 | 61.7 | 59.8 | 59.5 | 57.7 | 80 |
| 84 | 72.7 | 71.5 | 70.8 | 69.6 | 69.3 | 68.1 | 67.4 | 66.2 | 66.0 | 64.7 | 63.4 | 61.6 | 60.7 | 58.9 | 57.5 | 55.7 | 55.5 | 53.7 | 84 |
| 88 | 67.3 | 66.1 | 65.4 | 64.2 | 63.9 | 62.7 | 62.0 | 60.8 | 60.6 | 59.3 | 58.6 | 57.4 | 56.7 | 55.0 | 53.7 | 52.0 | 51.7 | 50.0 | 88 |
| 92 | 62.4 | 61.2 | 60.5 | 59.3 | 59.0 | 57.7 | 57.0 | 55.8 | 55.6 | 54.4 | 53.7 | 52.5 | 52.2 | 51.0 | 50.1 | 48.4 | 48.2 | 46.6 | 92 |
| 96 | 57.8 | 56.6 | 55.9 | 54.7 | 54.4 | 53.2 | 52.5 | 51.3 | 51.1 | 49.9 | 49.1 | 47.9 | 47.7 | 46.5 | 45.7 | 44.5 | 45.0 | 43.4 | 96 |
| 100 | 53.7 | 52.5 | 51.8 | 50.6 | 50.3 | 49.0 | 48.4 | 47.1 | 46.9 | 45.7 | 45.0 | 43.8 | 43.5 | 42.3 | 41.6 | 40.4 | 40.8 | 39.6 | 100 |
| 104 | 49.8 | 48.6 | 47.9 | 46.7 | 46.4 | 45.2 | 44.5 | 43.3 | 43.1 | 41.9 | 41.1 | 39.9 | 39.7 | 38.5 | 37.7 | 36.5 | 37.0 | 35.8 | 104 |
| 108 | | 45.0 | 44.4 | 43.2 | 42.9 | 41.6 | 41.0 | 39.7 | 39.5 | 38.3 | 37.6 | 36.4 | 36.1 | 34.9 | 34.2 | 33.0 | 33.4 | 32.2 | 108 |
| 112 | | | 41.1 | 39.9 | 39.6 | 38.3 | 37.7 | 36.4 | 36.2 | 35.0 | 34.3 | 33.1 | 32.8 | 31.6 | 30.9 | 29.7 | 30.1 | 29.0 | 112 |
| 116 | | | | | 36.5 | 35.3 | 34.6 | 33.3 | 33.2 | 31.9 | 31.2 | 30.0 | 29.8 | 28.5 | 27.8 | 26.6 | 27.1 | 25.9 | 116 |
| 120 | | | | | | | | 31.7 | 30.5 | 30.3 | 29.1 | 28.4 | 27.1 | 26.9 | 25.7 | 24.9 | 23.7 | 24.2 | 120 |
| 124 | | | | | | | | | 27.8 | 27.6 | 26.4 | 25.7 | 24.5 | 24.2 | 23.0 | 22.3 | 21.1 | 21.5 | 124 |
| 128 | | | | | | | | | | 23.9 | 23.2 | 21.9 | 21.7 | 20.5 | 19.8 | 18.6 | 19.0 | 17.8 | 128 |
| 132 | | | | | | | | | | | | 19.6 | 19.3 | 18.1 | 17.4 | 16.2 | 16.7 | 15.5 | 132 |
| 136 | | | | | | | | | | | | | 17.1 | 15.9 | 15.2 | 14.0 | 14.4 | 13.3 | 136 |
| 140 | | | | | | | | | | | | | | | 13.1 | 11.9 | 12.3 | 11.2 | 140 |
| 144 | | | | | | | | | | | | | | | | 9.9 | 10.4 | 9.2 | 144 |
| 148 | | | | | | | | | | | | | | | | | | 7.3 | 148 |

Unit: t

Load Chart of HJFJDB_7 Configuration

| SCC7500A-HJFJDB_7 configuration 2/3 | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|-----|
| Boom length: 114m~165m, Jib length: 12m, Boom to jib angle: 15°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | | | | | | | |
| Radius (m) | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) | |
| 18 | 166 | 161 | | | | | | | | | | | | | | | | | 18 | |
| 19 | 163 | 161 | 156 | 155 | 152 | 147 | | | | | | | | | | | | | 19 | |
| 20 | 161 | 158 | 154 | 154 | 152 | 146 | 143 | 145 | 140 | 132 | | | | | | | | | 20 | |
| 22 | 157 | 156 | 154 | 154 | 152 | 144 | 139 | 145 | 140 | 132 | 125 | 123 | 118 | 113 | 107 | 102 | 96.4 | 91.1 | 22 | |
| 24 | 151 | 152 | 153 | 153 | 151 | 144 | 136 | 145 | 140 | 132 | 125 | 123 | 118 | 112 | 107 | 102 | 96.0 | 90.5 | 24 | |
| 26 | 147 | 148 | 149 | 149 | 148 | 142 | 136 | 142 | 139 | 132 | 125 | 123 | 118 | 112 | 107 | 101 | 95.4 | 90.1 | 26 | |
| 28 | 143 | 144 | 145 | 146 | 144 | 139 | 136 | 140 | 136 | 132 | 125 | 123 | 118 | 112 | 106 | 100 | 94.8 | 89.5 | 28 | |
| 30 | 140 | 140 | 141 | 142 | 140 | 136 | 133 | 136 | 133 | 131 | 125 | 123 | 117 | 111 | 106 | 99.8 | 94.2 | 88.9 | 30 | |
| 32 | 136 | 131 | 132 | 135 | 137 | 128 | 129 | 133 | 130 | 128 | 125 | 122 | 116 | 110 | 105 | 99.2 | 93.5 | 88.3 | 32 | |
| 34 | 133 | 127 | 128 | 131 | 134 | 122 | 127 | 129 | 128 | 125 | 122 | 122 | 116 | 110 | 104 | 98.6 | 92.8 | 87.8 | 34 | |
| 36 | 126 | 124 | 125 | 126 | 128 | 120 | 123 | 127 | 125 | 123 | 119 | 121 | 115 | 109 | 104 | 98.0 | 92.2 | 87.1 | 36 | |
| 38 | 120 | 121 | 122 | 123 | 122 | 117 | 121 | 124 | 122 | 120 | 117 | 120 | 114 | 108 | 103 | 97.4 | 91.4 | 86.5 | 38 | |
| 40 | 117 | 119 | 119 | 120 | 118 | 114 | 111 | 121 | 120 | 118 | 115 | 120 | 114 | 108 | 102 | 96.7 | 90.6 | 85.9 | 40 | |
| 44 | 112 | 113 | 115 | 115 | 113 | 109 | 106 | 116 | 115 | 112 | 109 | 118 | 112 | 107 | 101 | 95.5 | 89.1 | 84.6 | 44 | |
| 48 | 108 | 109 | 109 | 110 | 108 | 104 | 101 | 111 | 110 | 107 | 105 | 113 | 111 | 105 | 99.7 | 94.2 | 87.6 | 83.4 | 48 | |
| 52 | 103 | 104 | 105 | 106 | 104 | 99.1 | 96.3 | 108 | 106 | 103 | 100 | 103 | 102 | 100 | 98.3 | 92.8 | 85.6 | 82.1 | 52 | |
| 56 | 98.9 | 100 | 101 | 102 | 98.8 | 95.0 | 92.0 | 103 | 101 | 98.5 | 96.2 | 95.5 | 94.1 | 91.9 | 90.1 | 88.0 | 82.2 | 80.8 | 56 | |
| 60 | 95.7 | 96.2 | 97.6 | 98.5 | 95.1 | 91.1 | 88.1 | 95.7 | 94.3 | 92.1 | 90.3 | 88.1 | 86.8 | 84.7 | 83.0 | 80.9 | 78.7 | 78.2 | 60 | |
| 64 | 91.5 | 93.0 | 94.3 | 95.6 | 91.0 | 87.2 | 85.0 | 88.7 | 87.5 | 85.3 | 83.7 | 81.6 | 80.3 | 78.2 | 76.6 | 74.6 | 74.0 | 72.1 | 64 | |
| 68 | 88.3 | 90.0 | 91.4 | 91.9 | 87.9 | 84.2 | 81.3 | 82.5 | 81.3 | 79.3 | 77.7 | 81.6 | 80.3 | 78.3 | 70.9 | 69.0 | 68.5 | 66.6 | 68 | |
| 72 | 86.3 | 87.0 | 88.4 | 89.0 | 84.8 | 81.2 | 78.4 | 82.6 | 75.8 | 73.8 | 72.3 | 76.0 | 74.8 | 72.8 | 71.3 | 69.4 | 68.9 | 61.6 | 72 | |
| 76 | 83.3 | 84.3 | 83.9 | 82.7 | 81.8 | 78.3 | 76.0 | 77.2 | 76.2 | 74.3 | 67.3 | 70.9 | 69.8 | 67.9 | 66.4 | 64.5 | 64.1 | 62.3 | 76 | |
| 80 | 79.1 | 77.9 | 77.2 | 76.0 | 75.7 | 74.5 | 73.7 | 72.2 | 71.3 | 69.4 | 68.0 | 66.2 | 65.2 | 63.3 | 61.9 | 60.1 | 59.7 | 57.9 | 80 | |
| 84 | 73.1 | 71.9 | 71.2 | 70.0 | 69.7 | 68.5 | 67.8 | 66.6 | 66.4 | 64.9 | 63.6 | 61.8 | 60.9 | 59.1 | 57.8 | 56.0 | 55.7 | 53.9 | 84 | |
| 88 | 67.6 | 66.4 | 65.8 | 64.6 | 64.3 | 63.1 | 62.4 | 61.2 | 61.0 | 59.8 | 59.1 | 57.9 | 56.9 | 55.2 | 53.9 | 52.2 | 52.0 | 50.3 | 88 | |
| 92 | 62.6 | 61.5 | 60.8 | 59.6 | 59.3 | 58.1 | 57.4 | 56.2 | 56.0 | 54.8 | 54.1 | 52.9 | 52.6 | 51.5 | 50.3 | 48.7 | 48.5 | 46.8 | 92 | |
| 96 | 58.1 | 56.9 | 56.2 | 55.0 | 54.8 | 53.5 | 52.9 | 51.6 | 51.4 | 50.2 | 49.5 | 48.3 | 48.1 | 46.9 | 46.2 | 45.0 | 45.2 | 43.6 | 96 | |
| 100 | 53.9 | 52.7 | 52.0 | 50.9 | 50.6 | 49.3 | 48.7 | 47.4 | 47.3 | 46.1 | 45.3 | 44.1 | 43.9 | 42.7 | 42.0 | 40.8 | 41.3 | 40.1 | 100 | |
| 104 | 50.0 | 48.8 | 48.2 | 47.0 | 46.7 | 45.5 | 44.8 | 43.6 | 43.4 | 42.2 | 41.5 | 40.3 | 40.0 | 38.8 | 38.1 | 36.9 | 37.4 | 36.2 | 104 | |
| 108 | | 45.2 | 44.6 | 43.4 | 43.1 | 41.9 | 41.2 | 40.0 | 39.8 | 38.6 | 37.9 | 36.7 | 36.5 | 35.3 | 34.5 | 33.3 | 33.8 | 32.6 | 108 | |
| 112 | | | 41.2 | 40.1 | 39.8 | 38.6 | 37.9 | 36.7 | 36.5 | 35.3 | 34.6 | 33.4 | 33.1 | 31.9 | 31.2 | 30.0 | 30.5 | 29.3 | 112 | |
| 116 | | | | | 36.7 | 35.5 | 34.8 | 33.6 | 33.4 | 32.2 | 31.5 | 30.3 | 30.0 | 28.8 | 28.1 | 26.9 | 27.4 | 26.2 | 116 | |
| 120 | | | | | | 32.5 | 31.9 | 30.7 | 30.5 | 29.3 | 28.6 | 27.4 | 27.1 | 26.0 | 25.2 | 24.0 | 24.5 | 23.3 | 120 | |
| 124 | | | | | | | | | 28.0 | 27.8 | 26.6 | 25.9 | 24.7 | 24.4 | 23.3 | 22.5 | 21.3 | 21.8 | 20.6 | 124 |
| 128 | | | | | | | | | | | 24.0 | 23.3 | 22.1 | 21.9 | 20.7 | 20.0 | 18.8 | 19.3 | 18.1 | 128 |
| 132 | | | | | | | | | | | | 21.0 | 19.8 | 19.5 | 18.3 | 17.6 | 16.4 | 16.9 | 15.7 | 132 |
| 136 | | | | | | | | | | | | | | 17.3 | 16.1 | 15.4 | 14.2 | 14.7 | 13.5 | 136 |
| 140 | | | | | | | | | | | | | | | | 13.2 | 12.1 | 12.5 | 11.4 | 140 |
| 144 | | | | | | | | | | | | | | | | | 10.0 | 10.5 | 9.4 | 144 |
| 148 | | | | | | | | | | | | | | | | | | | 7.5 | 148 |

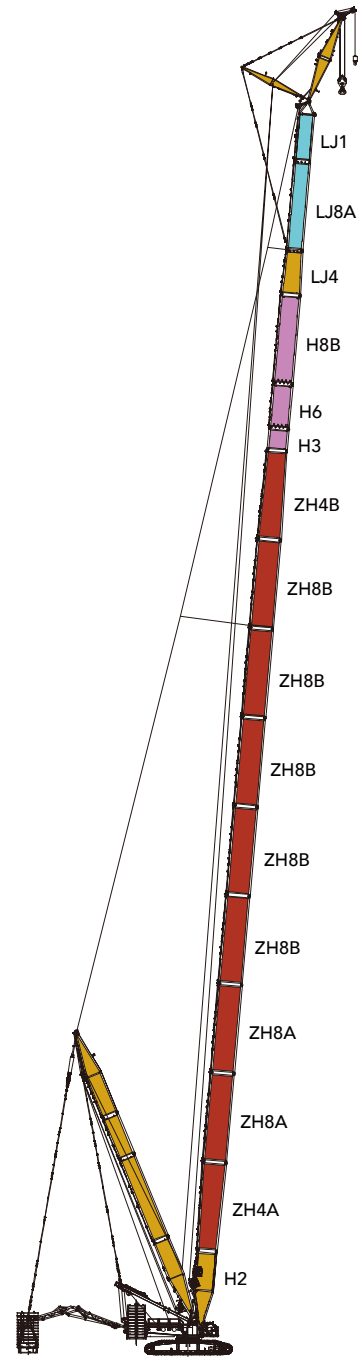
Load Chart of HJFJDB_7 Configuration

| SCC7500A-HJFJDB_7 configuration 3/3 | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 114m~165m, Jib length: 12m, Boom to jib angle: 20°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | | | | | | |
| Radius (m) | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 19 | 126 | 127 | 127 | | | | | | | | | | | | | | | | 19 |
| 20 | 125 | 124 | 125 | 126 | 126 | 125 | | | | | | | | | | | | | 20 |
| 22 | 121 | 122 | 122 | 122 | 123 | 122 | 122 | 123 | 123 | 123 | 122 | 122 | 116 | 111 | | | | | 22 |
| 24 | 118 | 119 | 119 | 119 | 119 | 119 | 119 | 120 | 120 | 120 | 120 | 121 | 116 | 111 | 105 | 100 | 95.8 | 90.2 | 24 |
| 26 | 115 | 116 | 117 | 117 | 116 | 116 | 116 | 117 | 118 | 117 | 117 | 119 | 115 | 110 | 105 | 100 | 95.3 | 89.8 | 26 |
| 28 | 113 | 114 | 113 | 114 | 114 | 114 | 114 | 115 | 116 | 115 | 115 | 117 | 115 | 110 | 105 | 100 | 94.7 | 89.3 | 28 |
| 30 | 110 | 111 | 111 | 112 | 112 | 111 | 112 | 112 | 113 | 113 | 113 | 114 | 115 | 111 | 105 | 99.6 | 94.2 | 88.8 | 30 |
| 32 | 107 | 109 | 108 | 110 | 109 | 108 | 109 | 110 | 111 | 111 | 111 | 112 | 112 | 110 | 105 | 99.1 | 93.6 | 88.3 | 32 |
| 34 | 105 | 106 | 107 | 107 | 107 | 107 | 107 | 108 | 108 | 109 | 108 | 110 | 110 | 110 | 104 | 98.5 | 93.0 | 87.8 | 34 |
| 36 | 103 | 103 | 104 | 105 | 104 | 104 | 105 | 106 | 106 | 107 | 106 | 108 | 108 | 108 | 104 | 98.0 | 92.3 | 87.2 | 36 |
| 38 | 100 | 102 | 102 | 103 | 102 | 102 | 103 | 104 | 104 | 105 | 104 | 106 | 106 | 106 | 103 | 97.5 | 91.8 | 86.6 | 38 |
| 40 | 98.9 | 99.3 | 100 | 101 | 100 | 99.7 | 100 | 102 | 102 | 103 | 102 | 104 | 105 | 104 | 102 | 96.9 | 91.1 | 86.1 | 40 |
| 44 | 94.7 | 95.3 | 96.5 | 97.1 | 96.4 | 95.9 | 97.3 | 98.3 | 98.4 | 98.4 | 99.0 | 101 | 101 | 101 | 101 | 95.7 | 88.7 | 84.9 | 44 |
| 48 | 91.6 | 92.2 | 92.6 | 94.2 | 92.9 | 92.9 | 93.5 | 94.8 | 94.9 | 95.1 | 95.7 | 97.5 | 97.4 | 97.6 | 97.4 | 94.5 | 84.9 | 83.7 | 48 |
| 52 | 88.5 | 89.3 | 89.7 | 90.6 | 89.5 | 90.1 | 90.5 | 92.1 | 92.2 | 92.4 | 92.4 | 93.8 | 94.4 | 94.7 | 95.1 | 93.3 | 81.6 | 82.5 | 52 |
| 56 | 85.5 | 86.3 | 86.8 | 87.9 | 86.4 | 87.1 | 87.6 | 88.5 | 88.8 | 89.1 | 89.8 | 91.5 | 91.5 | 91.8 | 90.3 | 88.2 | 78.3 | 81.3 | 56 |
| 60 | 82.5 | 83.4 | 84.0 | 85.1 | 84.3 | 84.2 | 84.6 | 85.9 | 86.2 | 86.4 | 87.2 | 88.3 | 87.0 | 84.9 | 83.2 | 81.1 | 75.5 | 78.5 | 60 |
| 64 | 79.6 | 80.5 | 81.4 | 82.3 | 81.4 | 81.3 | 81.8 | 83.2 | 84.3 | 84.5 | 83.8 | 81.7 | 80.5 | 78.4 | 76.8 | 74.8 | 72.7 | 72.3 | 64 |
| 68 | 77.7 | 78.7 | 79.6 | 80.2 | 79.3 | 79.3 | 78.6 | 81.3 | 81.5 | 79.5 | 77.9 | 81.7 | 80.5 | 78.5 | 71.1 | 69.2 | 68.7 | 66.8 | 68 |
| 72 | 75.3 | 76.1 | 76.8 | 77.9 | 77.3 | 77.3 | 76.3 | 77.0 | 76.0 | 74.0 | 72.5 | 76.2 | 75.0 | 73.0 | 71.5 | 69.6 | 63.7 | 61.8 | 72 |
| 76 | 73.4 | 74.3 | 75.0 | 76.2 | 75.3 | 75.3 | 73.5 | 76.9 | 76.4 | 69.0 | 67.5 | 71.1 | 70.0 | 68.1 | 66.6 | 64.7 | 64.3 | 62.5 | 76 |
| 80 | 71.1 | 72.4 | 73.3 | 73.9 | 73.4 | 73.4 | 71.6 | 72.4 | 71.5 | 69.6 | 68.2 | 66.4 | 65.4 | 63.5 | 62.1 | 60.3 | 60.0 | 58.2 | 80 |
| 84 | 69.5 | 70.7 | 71.5 | 70.4 | 70.1 | 68.9 | 68.2 | 67.0 | 66.9 | 65.1 | 63.8 | 62.0 | 61.1 | 59.3 | 58.0 | 56.2 | 55.9 | 54.2 | 84 |
| 88 | 67.9 | 66.7 | 66.1 | 64.9 | 64.6 | 63.4 | 62.8 | 61.6 | 61.4 | 60.2 | 59.5 | 58.0 | 57.1 | 55.4 | 54.1 | 52.4 | 52.2 | 50.5 | 88 |
| 92 | 62.9 | 61.7 | 61.1 | 59.9 | 59.6 | 58.4 | 57.7 | 56.5 | 56.4 | 55.2 | 54.5 | 53.3 | 53.1 | 51.8 | 50.5 | 48.9 | 48.7 | 47.0 | 92 |
| 96 | 58.3 | 57.1 | 56.5 | 55.3 | 55.0 | 53.8 | 53.2 | 52.0 | 51.8 | 50.6 | 49.9 | 48.7 | 48.5 | 47.3 | 46.6 | 45.4 | 45.4 | 43.8 | 96 |
| 100 | 54.1 | 52.9 | 52.3 | 51.1 | 50.8 | 49.6 | 48.9 | 47.7 | 47.6 | 46.4 | 45.7 | 44.5 | 44.2 | 43.1 | 42.4 | 41.2 | 41.6 | 40.5 | 100 |
| 104 | 50.2 | 49.0 | 48.4 | 47.2 | 46.9 | 45.7 | 45.0 | 43.8 | 43.7 | 42.5 | 41.8 | 40.6 | 40.4 | 39.2 | 38.5 | 37.3 | 37.8 | 36.6 | 104 |
| 108 | 46.5 | 45.4 | 44.7 | 43.6 | 43.3 | 42.1 | 41.4 | 40.2 | 40.1 | 38.9 | 38.2 | 37.0 | 36.8 | 35.6 | 34.9 | 33.7 | 34.1 | 33.0 | 108 |
| 112 | | | 41.4 | 40.2 | 39.9 | 38.7 | 38.1 | 36.9 | 36.7 | 35.5 | 34.8 | 33.6 | 33.4 | 32.2 | 31.5 | 30.3 | 30.8 | 29.6 | 112 |
| 116 | | | | | 36.8 | 35.6 | 35.0 | 33.8 | 33.6 | 32.4 | 31.7 | 30.5 | 30.3 | 29.1 | 28.4 | 27.2 | 27.7 | 26.5 | 116 |
| 120 | | | | | | 32.7 | 32.0 | 30.8 | 30.7 | 29.5 | 28.8 | 27.6 | 27.4 | 26.2 | 25.5 | 24.3 | 24.8 | 23.6 | 120 |
| 124 | | | | | | | | 28.1 | 27.9 | 26.7 | 26.1 | 24.9 | 24.6 | 23.5 | 22.8 | 21.6 | 22.1 | 20.9 | 124 |
| 128 | | | | | | | | | | 24.2 | 23.5 | 22.3 | 22.1 | 20.9 | 20.2 | 19.0 | 19.5 | 18.3 | 128 |
| 132 | | | | | | | | | | | 21.1 | 19.9 | 19.7 | 18.5 | 17.8 | 16.6 | 17.1 | 15.9 | 132 |
| 136 | | | | | | | | | | | | | 17.4 | 16.2 | 15.5 | 14.4 | 14.8 | 13.7 | 136 |
| 140 | | | | | | | | | | | | | | 14.1 | 13.4 | 12.2 | 12.7 | 11.5 | 140 |
| 144 | | | | | | | | | | | | | | | | 10.2 | 10.7 | 9.5 | 144 |
| 148 | | | | | | | | | | | | | | | | | | 7.6 | 148 |

HJFJDB_9 Boom Combination

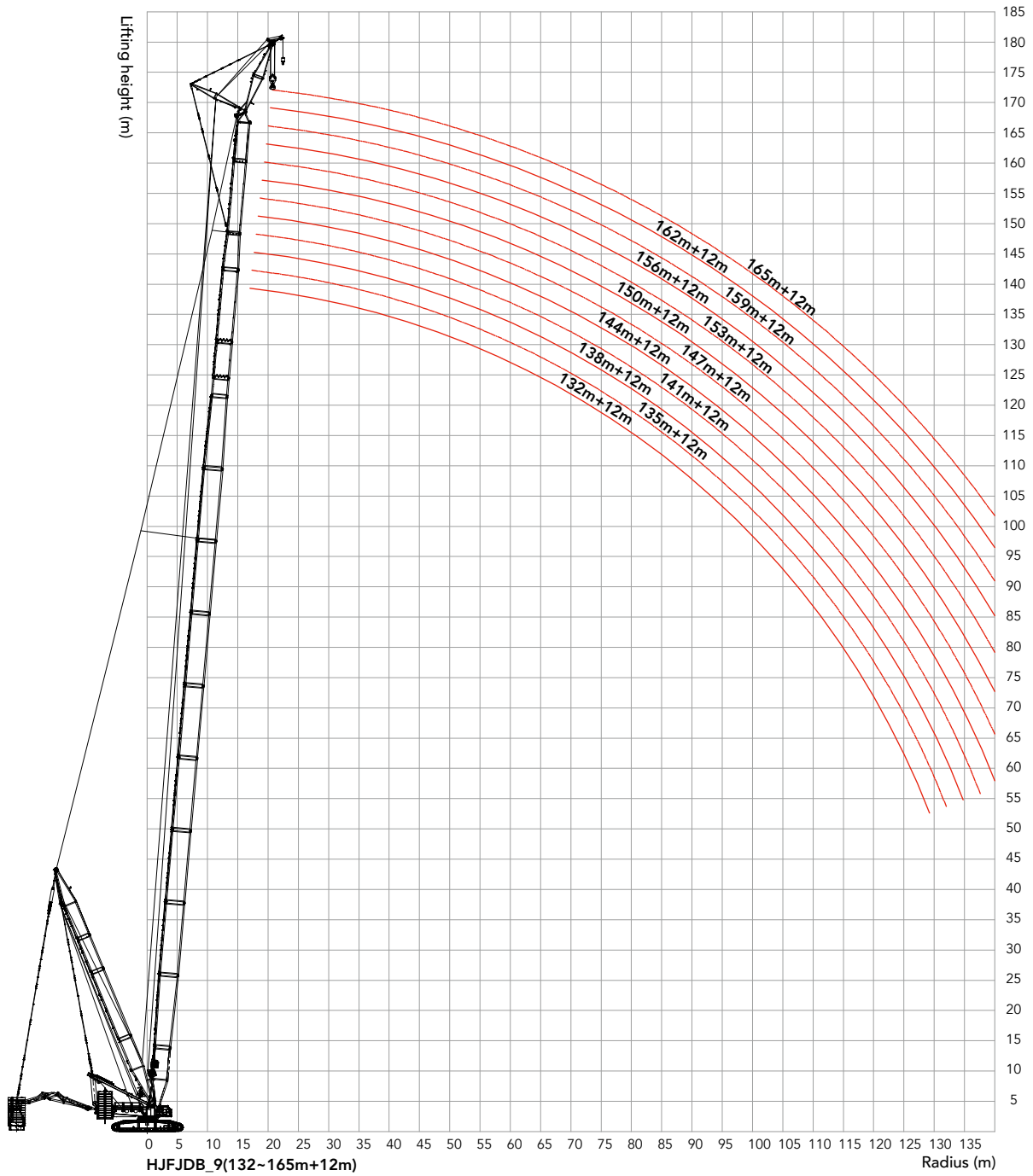
| HJFJDB_9 Boom Combination | | | | | |
|---------------------------|------------|-------------|----|----|------------------|
| Boom length(m) | Power boom | Boom insert | | | |
| | | 12m | 3m | 6m | |
| 132* | 8 | 0 | 0 | 0 | Fixed jib 12m |
| 135* | 8 | 1 | 0 | 0 | |
| 138* | 8 | 0 | 1 | 0 | |
| 141* | 8 | 1 | 1 | 0 | |
| 144* | 9 | 0 | 0 | 0 | |
| 147* | 9 | 1 | 0 | 0 | |
| 150* | 9 | 0 | 1 | 0 | |
| 153* | 9 | 1 | 1 | 0 | |
| 156* | 9 | 0 | 0 | 1 | |
| 159* | 9 | 1 | 0 | 1 | |
| 162* | 9 | 0 | 1 | 1 | |
| 165* | 9 | 1 | 1 | 1 | |

Note: Boom base, 6m tapered section, 12m jib insert and jib top are must.
For combinations marked with "*", the mid-suspension cable is must, otherwise, the boom may break.



HJFJDB_9(132~165m+12m)

Working Radius of HJFJDB_9 Configuration



Unit: t

Load Chart of HJFJDB_9 Configuration

| SCC7500A-HJFJDB_9 configuration 1/3 | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 132m~165m, Jib length: 12m, Boom to jib angle: 10°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | |
| Radius (m) | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 20 | 160 | 155 | 148 | 141 | 135 | 130 | 124 | 118 | | | | | 20 |
| 22 | 159 | 156 | 148 | 141 | 135 | 129 | 124 | 118 | 113 | 108 | 103 | 99.2 | 22 |
| 24 | 158 | 156 | 148 | 142 | 135 | 130 | 124 | 118 | 113 | 108 | 102 | 97.7 | 24 |
| 26 | 157 | 154 | 148 | 141 | 135 | 130 | 124 | 118 | 113 | 107 | 102 | 97.3 | 26 |
| 28 | 153 | 151 | 147 | 140 | 135 | 130 | 124 | 118 | 113 | 107 | 101 | 95.7 | 28 |
| 30 | 149 | 146 | 143 | 140 | 135 | 130 | 124 | 117 | 112 | 106 | 101 | 95.1 | 30 |
| 32 | 146 | 143 | 140 | 137 | 135 | 129 | 123 | 117 | 111 | 105 | 100 | 94.5 | 32 |
| 34 | 141 | 139 | 136 | 134 | 134 | 128 | 122 | 116 | 111 | 105 | 99.4 | 94.0 | 34 |
| 36 | 138 | 135 | 133 | 131 | 134 | 128 | 122 | 115 | 110 | 104 | 98.7 | 93.3 | 36 |
| 38 | 134 | 132 | 129 | 128 | 130 | 127 | 121 | 115 | 109 | 104 | 98.2 | 92.7 | 38 |
| 40 | 131 | 128 | 126 | 124 | 128 | 126 | 120 | 114 | 109 | 103 | 97.5 | 92.1 | 40 |
| 44 | 124 | 122 | 119 | 117 | 121 | 125 | 119 | 112 | 107 | 101 | 96.2 | 90.7 | 44 |
| 48 | 118 | 116 | 114 | 112 | 116 | 113 | 111 | 109 | 106 | 100 | 94.8 | 89.5 | 48 |
| 52 | 112 | 110 | 108 | 106 | 106 | 103 | 102 | 99.7 | 98.3 | 96.0 | 93.4 | 88.2 | 52 |
| 56 | 106 | 103 | 101 | 99.4 | 97.9 | 95.5 | 93.7 | 91.4 | 90.1 | 87.9 | 86.2 | 84.0 | 56 |
| 60 | 98.2 | 95.8 | 94.1 | 91.8 | 90.4 | 88.1 | 86.4 | 84.2 | 83.0 | 80.8 | 79.2 | 77.0 | 60 |
| 64 | 97.6 | 88.9 | 87.2 | 85.0 | 83.7 | 81.5 | 79.9 | 77.8 | 76.6 | 74.5 | 72.9 | 70.9 | 64 |
| 68 | 90.9 | 88.7 | 87.1 | 85.0 | 77.8 | 75.6 | 74.1 | 72.0 | 70.9 | 68.9 | 67.4 | 65.4 | 68 |
| 72 | 84.9 | 82.8 | 81.3 | 79.2 | 78.0 | 76.0 | 68.8 | 66.8 | 65.8 | 63.8 | 62.3 | 60.4 | 72 |
| 76 | 79.3 | 77.3 | 75.9 | 73.9 | 72.9 | 70.9 | 69.4 | 67.4 | 66.4 | 59.2 | 57.8 | 55.9 | 76 |
| 80 | 73.8 | 72.3 | 71.0 | 69.1 | 68.1 | 66.2 | 64.8 | 62.9 | 61.9 | 60.0 | 58.6 | 51.7 | 80 |
| 84 | 67.8 | 66.6 | 65.9 | 64.6 | 63.7 | 61.8 | 60.5 | 58.6 | 57.8 | 55.9 | 54.6 | 52.8 | 84 |
| 88 | 62.4 | 61.1 | 60.5 | 59.2 | 58.9 | 57.6 | 56.5 | 54.7 | 53.9 | 52.1 | 50.9 | 49.1 | 88 |
| 92 | 57.5 | 56.2 | 55.5 | 54.2 | 54.0 | 52.7 | 52.0 | 50.7 | 50.4 | 48.6 | 47.4 | 45.6 | 92 |
| 96 | 52.9 | 51.7 | 51.0 | 49.7 | 49.5 | 48.2 | 47.5 | 46.2 | 46.0 | 44.8 | 44.0 | 42.4 | 96 |
| 100 | 48.8 | 47.5 | 46.8 | 45.6 | 45.3 | 44.0 | 43.3 | 42.0 | 41.9 | 40.6 | 39.9 | 38.6 | 100 |
| 104 | 44.9 | 43.7 | 43.0 | 41.7 | 41.5 | 40.2 | 39.5 | 38.2 | 38.0 | 36.7 | 36.0 | 34.8 | 104 |
| 108 | 41.4 | 40.1 | 39.4 | 38.2 | 37.9 | 36.6 | 35.9 | 34.6 | 34.5 | 33.2 | 32.5 | 31.2 | 108 |
| 112 | 38.1 | 36.8 | 36.1 | 34.9 | 34.6 | 33.3 | 32.6 | 31.3 | 31.2 | 29.9 | 29.2 | 27.9 | 112 |
| 116 | 35.0 | 33.7 | 33.1 | 31.8 | 31.5 | 30.2 | 29.6 | 28.3 | 28.1 | 26.8 | 26.1 | 24.9 | 116 |
| 120 | 32.1 | 30.9 | 30.2 | 28.9 | 28.7 | 27.4 | 26.7 | 25.4 | 25.2 | 24.0 | 23.3 | 22.0 | 120 |
| 124 | | 28.2 | 27.5 | 26.2 | 26.0 | 24.7 | 24.0 | 22.7 | 22.6 | 21.3 | 20.6 | 19.3 | 124 |
| 128 | | | | 23.7 | 23.5 | 22.2 | 21.5 | 20.2 | 20.1 | 18.8 | 18.1 | 16.8 | 128 |
| 132 | | | | | | 19.8 | 19.1 | 17.9 | 17.7 | 16.4 | 15.7 | 14.4 | 132 |
| 136 | | | | | | | 16.9 | 15.6 | 15.5 | 14.2 | 13.5 | 12.2 | 136 |
| 140 | | | | | | | | | 13.4 | 12.1 | 11.4 | 10.1 | 140 |
| 144 | | | | | | | | | | 10.1 | 9.4 | 8.1 | 144 |
| 148 | | | | | | | | | | | | 6.3 | 148 |

Load Chart of HJFJDB_9 Configuration**SCC7500A-HJFJDB_9 configuration 2/3**

Boom length: 132m~165m, Jib length: 12m, Boom to jib angle: 15°, Superlift radius: 21m, Superlift counterweight: 0t~360t,
Rear counterweight: 210t, Carbody counterweight: 70t

| Radius (m) | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| 20 | 152 | 150 | 146 | 138 | | | | | | | | | 20 |
| 22 | 149 | 146 | 144 | 138 | 131 | 128 | 122 | 117 | 112 | 106 | 101 | 98.0 | 22 |
| 24 | 146 | 143 | 140 | 138 | 131 | 128 | 123 | 117 | 112 | 107 | 102 | 98.0 | 24 |
| 26 | 143 | 140 | 138 | 135 | 131 | 128 | 123 | 117 | 112 | 107 | 102 | 98.0 | 26 |
| 28 | 139 | 138 | 134 | 133 | 131 | 128 | 123 | 117 | 112 | 107 | 101 | 97.0 | 28 |
| 30 | 136 | 134 | 131 | 130 | 131 | 128 | 123 | 117 | 112 | 106 | 101 | 95.3 | 30 |
| 32 | 133 | 131 | 128 | 127 | 129 | 128 | 123 | 117 | 112 | 106 | 100 | 94.7 | 32 |
| 34 | 129 | 128 | 126 | 123 | 126 | 126 | 123 | 116 | 111 | 105 | 99.7 | 94.2 | 34 |
| 36 | 126 | 125 | 123 | 121 | 123 | 122 | 122 | 116 | 110 | 104 | 99.1 | 93.7 | 36 |
| 38 | 123 | 122 | 120 | 118 | 121 | 121 | 121 | 115 | 110 | 104 | 98.5 | 93.1 | 38 |
| 40 | 121 | 120 | 117 | 116 | 119 | 121 | 121 | 114 | 109 | 103 | 98.0 | 92.4 | 40 |
| 44 | 116 | 114 | 112 | 111 | 114 | 114 | 115 | 113 | 108 | 102 | 96.7 | 91.3 | 44 |
| 48 | 111 | 109 | 107 | 105 | 109 | 104 | 111 | 109 | 107 | 101 | 95.4 | 90.1 | 48 |
| 52 | 107 | 104 | 102 | 101 | 104 | 104 | 102 | 99.9 | 98.5 | 96.2 | 94.2 | 88.8 | 52 |
| 56 | 102 | 99.9 | 97.4 | 96.1 | 98.0 | 95.7 | 93.9 | 91.6 | 90.4 | 88.1 | 86.5 | 84.3 | 56 |
| 60 | 97.4 | 95.5 | 93.6 | 92.0 | 90.6 | 88.3 | 86.6 | 84.4 | 83.2 | 81.1 | 79.4 | 77.3 | 60 |
| 64 | 93.4 | 89.1 | 87.4 | 85.2 | 83.9 | 81.8 | 80.1 | 78.0 | 76.9 | 74.8 | 73.2 | 71.2 | 64 |
| 68 | 90.2 | 88.5 | 86.8 | 79.2 | 78.0 | 75.9 | 74.3 | 72.2 | 71.2 | 69.1 | 67.6 | 65.6 | 68 |
| 72 | 85.0 | 83.0 | 81.5 | 79.4 | 78.2 | 76.2 | 69.0 | 67.0 | 66.0 | 64.1 | 62.6 | 60.7 | 72 |
| 76 | 79.5 | 77.5 | 76.1 | 74.1 | 73.1 | 71.1 | 69.6 | 67.6 | 61.4 | 59.4 | 58.0 | 56.1 | 76 |
| 80 | 74.3 | 72.5 | 71.2 | 69.3 | 68.3 | 66.4 | 65.0 | 63.1 | 62.2 | 60.3 | 53.9 | 52.0 | 80 |
| 84 | 68.3 | 67.0 | 66.3 | 64.8 | 63.9 | 62.0 | 60.7 | 58.9 | 58.0 | 56.2 | 54.9 | 53.0 | 84 |
| 88 | 62.8 | 61.5 | 60.9 | 59.6 | 59.4 | 58.0 | 56.8 | 55.0 | 54.2 | 52.4 | 51.1 | 49.3 | 88 |
| 92 | 57.8 | 56.6 | 55.9 | 54.7 | 54.4 | 53.1 | 52.5 | 51.2 | 50.6 | 48.9 | 47.6 | 45.9 | 92 |
| 96 | 53.3 | 52.0 | 51.4 | 50.1 | 49.9 | 48.6 | 47.9 | 46.6 | 46.5 | 45.2 | 44.4 | 42.7 | 96 |
| 100 | 49.1 | 47.8 | 47.2 | 45.9 | 45.7 | 44.4 | 43.7 | 42.4 | 42.3 | 41.0 | 40.3 | 39.1 | 100 |
| 104 | 45.2 | 44.0 | 43.3 | 42.0 | 41.8 | 40.5 | 39.8 | 38.6 | 38.4 | 37.1 | 36.4 | 35.2 | 104 |
| 108 | 41.6 | 40.4 | 39.7 | 38.5 | 38.2 | 36.9 | 36.3 | 35.0 | 34.8 | 33.6 | 32.9 | 31.6 | 108 |
| 112 | 38.3 | 37.1 | 36.4 | 35.1 | 34.9 | 33.6 | 32.9 | 31.7 | 31.5 | 30.2 | 29.5 | 28.3 | 112 |
| 116 | 35.2 | 34.0 | 33.3 | 32.0 | 31.8 | 30.5 | 29.8 | 28.6 | 28.4 | 27.1 | 26.5 | 25.2 | 116 |
| 120 | 32.3 | 31.1 | 30.4 | 29.2 | 28.9 | 27.6 | 27.0 | 25.7 | 25.5 | 24.3 | 23.6 | 22.3 | 120 |
| 124 | | 28.3 | 27.7 | 26.4 | 26.2 | 24.9 | 24.3 | 23.0 | 22.8 | 21.6 | 20.9 | 19.6 | 124 |
| 128 | | | | 23.9 | 23.7 | 22.4 | 21.7 | 20.4 | 20.3 | 19.0 | 18.3 | 17.1 | 128 |
| 132 | | | | | 21.3 | 20.0 | 19.3 | 18.1 | 17.9 | 16.6 | 15.9 | 14.7 | 132 |
| 136 | | | | | | | 17.1 | 15.8 | 15.7 | 14.4 | 13.7 | 12.4 | 136 |
| 140 | | | | | | | | | 13.5 | 12.3 | 11.6 | 10.3 | 140 |
| 144 | | | | | | | | | | 10.3 | 9.6 | 8.3 | 144 |
| 148 | | | | | | | | | | | | 6.4 | 148 |

Unit: t

Load Chart of HJFJDB_9 Configuration

| SCC7500A-HJFJDB_9 configuration 3/3 | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 132m~165m, Jib length: 12m, Boom to jib angle: 20°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | |
| Radius (m) | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 22 | 123 | 123 | 123 | 123 | 123 | 124 | 120 | 115 | | | | | 22 |
| 24 | 120 | 120 | 120 | 120 | 121 | 122 | 121 | 115 | 110 | 105 | 99.7 | 95.4 | 24 |
| 26 | 118 | 117 | 117 | 117 | 118 | 120 | 120 | 115 | 110 | 105 | 99.9 | 95.5 | 26 |
| 28 | 115 | 115 | 115 | 115 | 116 | 117 | 117 | 114 | 110 | 105 | 101 | 95.6 | 28 |
| 30 | 113 | 112 | 113 | 113 | 114 | 115 | 115 | 115 | 111 | 105 | 101 | 95.1 | 30 |
| 32 | 110 | 110 | 111 | 111 | 111 | 113 | 113 | 113 | 111 | 106 | 100 | 94.6 | 32 |
| 34 | 107 | 108 | 108 | 109 | 109 | 111 | 111 | 110 | 110 | 105 | 99.6 | 94.2 | 34 |
| 36 | 105 | 106 | 106 | 106 | 107 | 109 | 109 | 109 | 109 | 104 | 99.1 | 93.7 | 36 |
| 38 | 104 | 104 | 104 | 104 | 105 | 107 | 107 | 107 | 107 | 104 | 98.6 | 93.1 | 38 |
| 40 | 102 | 102 | 102 | 102 | 103 | 105 | 105 | 105 | 105 | 103 | 98.1 | 92.6 | 40 |
| 44 | 97.7 | 97.7 | 98.3 | 98.6 | 99.6 | 101 | 101 | 102 | 102 | 102 | 96.9 | 91.5 | 44 |
| 48 | 93.9 | 94.7 | 94.6 | 95.0 | 96.3 | 98.0 | 98.3 | 98.3 | 98.2 | 98.3 | 95.8 | 90.3 | 48 |
| 52 | 90.9 | 91.8 | 91.8 | 92.2 | 92.9 | 94.3 | 94.6 | 95.3 | 95.3 | 95.6 | 94.5 | 89.2 | 52 |
| 56 | 88.0 | 88.9 | 88.9 | 89.4 | 90.3 | 91.9 | 92.3 | 91.8 | 90.6 | 88.4 | 86.7 | 84.6 | 56 |
| 60 | 85.0 | 86.0 | 86.1 | 86.5 | 87.8 | 88.5 | 86.8 | 84.6 | 83.4 | 81.3 | 79.7 | 77.6 | 60 |
| 64 | 82.9 | 83.1 | 83.9 | 84.4 | 84.1 | 81.9 | 80.3 | 78.2 | 77.1 | 75.0 | 73.4 | 71.4 | 64 |
| 68 | 80.8 | 81.0 | 81.1 | 79.4 | 78.2 | 76.1 | 74.5 | 72.5 | 71.4 | 69.4 | 67.9 | 65.9 | 68 |
| 72 | 78.3 | 79.0 | 79.0 | 79.6 | 78.4 | 70.7 | 69.3 | 67.3 | 66.3 | 64.3 | 62.9 | 60.9 | 72 |
| 76 | 76.3 | 76.9 | 76.3 | 74.3 | 73.3 | 71.3 | 69.8 | 67.9 | 61.6 | 59.7 | 58.3 | 56.4 | 76 |
| 80 | 74.6 | 72.7 | 71.4 | 69.5 | 68.5 | 66.6 | 65.2 | 63.3 | 62.4 | 60.5 | 54.1 | 52.3 | 80 |
| 84 | 68.7 | 67.4 | 66.8 | 65.0 | 64.1 | 62.3 | 60.9 | 59.1 | 58.2 | 56.4 | 55.1 | 53.3 | 84 |
| 88 | 63.2 | 61.9 | 61.3 | 60.0 | 59.8 | 58.2 | 57.0 | 55.2 | 54.4 | 52.6 | 51.3 | 49.6 | 88 |
| 92 | 58.2 | 56.9 | 56.3 | 55.0 | 54.8 | 53.5 | 52.9 | 51.5 | 50.8 | 49.1 | 47.8 | 46.1 | 92 |
| 96 | 53.6 | 52.3 | 51.7 | 50.4 | 50.2 | 48.9 | 48.3 | 47.0 | 46.9 | 45.6 | 44.6 | 42.9 | 96 |
| 100 | 49.4 | 48.1 | 47.5 | 46.2 | 46.0 | 44.7 | 44.1 | 42.8 | 42.6 | 41.4 | 40.7 | 39.5 | 100 |
| 104 | 45.5 | 44.2 | 43.6 | 42.3 | 42.1 | 40.8 | 40.2 | 38.9 | 38.8 | 37.5 | 36.8 | 35.6 | 104 |
| 108 | 41.9 | 40.6 | 40.0 | 38.7 | 38.5 | 37.2 | 36.6 | 35.3 | 35.1 | 33.9 | 33.2 | 32.0 | 108 |
| 112 | 38.5 | 37.3 | 36.6 | 35.4 | 35.1 | 33.9 | 33.2 | 32.0 | 31.8 | 30.5 | 29.9 | 28.6 | 112 |
| 116 | 35.4 | 34.1 | 33.5 | 32.3 | 32.0 | 30.8 | 30.1 | 28.8 | 28.7 | 27.4 | 26.7 | 25.5 | 116 |
| 120 | 32.5 | 31.2 | 30.6 | 29.3 | 29.1 | 27.8 | 27.2 | 25.9 | 25.8 | 24.5 | 23.8 | 22.6 | 120 |
| 124 | | 28.5 | 27.8 | 26.6 | 26.4 | 25.1 | 24.5 | 23.2 | 23.0 | 21.8 | 21.1 | 19.9 | 124 |
| 128 | | | | 24.0 | 23.8 | 22.6 | 21.9 | 20.6 | 20.5 | 19.2 | 18.6 | 17.3 | 128 |
| 132 | | | | | 21.4 | 20.1 | 19.5 | 18.2 | 18.1 | 16.8 | 16.2 | 14.9 | 132 |
| 136 | | | | | | | 17.2 | 16.0 | 15.8 | 14.6 | 13.9 | 12.6 | 136 |
| 140 | | | | | | | | 13.8 | 13.7 | 12.4 | 11.8 | 10.5 | 140 |
| 144 | | | | | | | | | | 10.4 | 9.7 | 8.5 | 144 |
| 148 | | | | | | | | | | | | 6.6 | 148 |

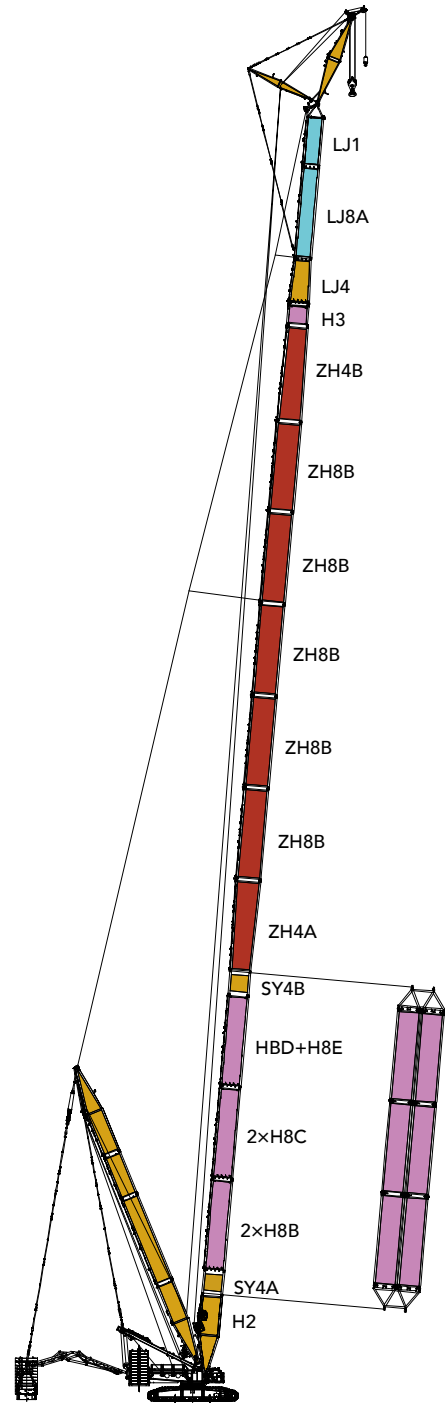
HJFJDB_SY3 Boom Combination

HJFJDB_SY3 Boom Combination

| Boom length(m) | Power boom 12m | Boom insert | | | |
|----------------|----------------|-------------|----|-----|---------------|
| | | 3m | 6m | 12m | |
| 144* | 5 | 0 | 1 | 6 | Fixed jib 12m |
| 147* | 5 | 1 | 1 | 6 | |
| 150* | 5 | 0 | 2 | 6 | |
| 153* | 5 | 1 | 2 | 6 | |
| 156* | 6 | 0 | 1 | 6 | |
| 159* | 6 | 1 | 1 | 6 | |
| 162* | 6 | 0 | 2 | 6 | |
| 165* | 7 | 1 | 0 | 6 | |

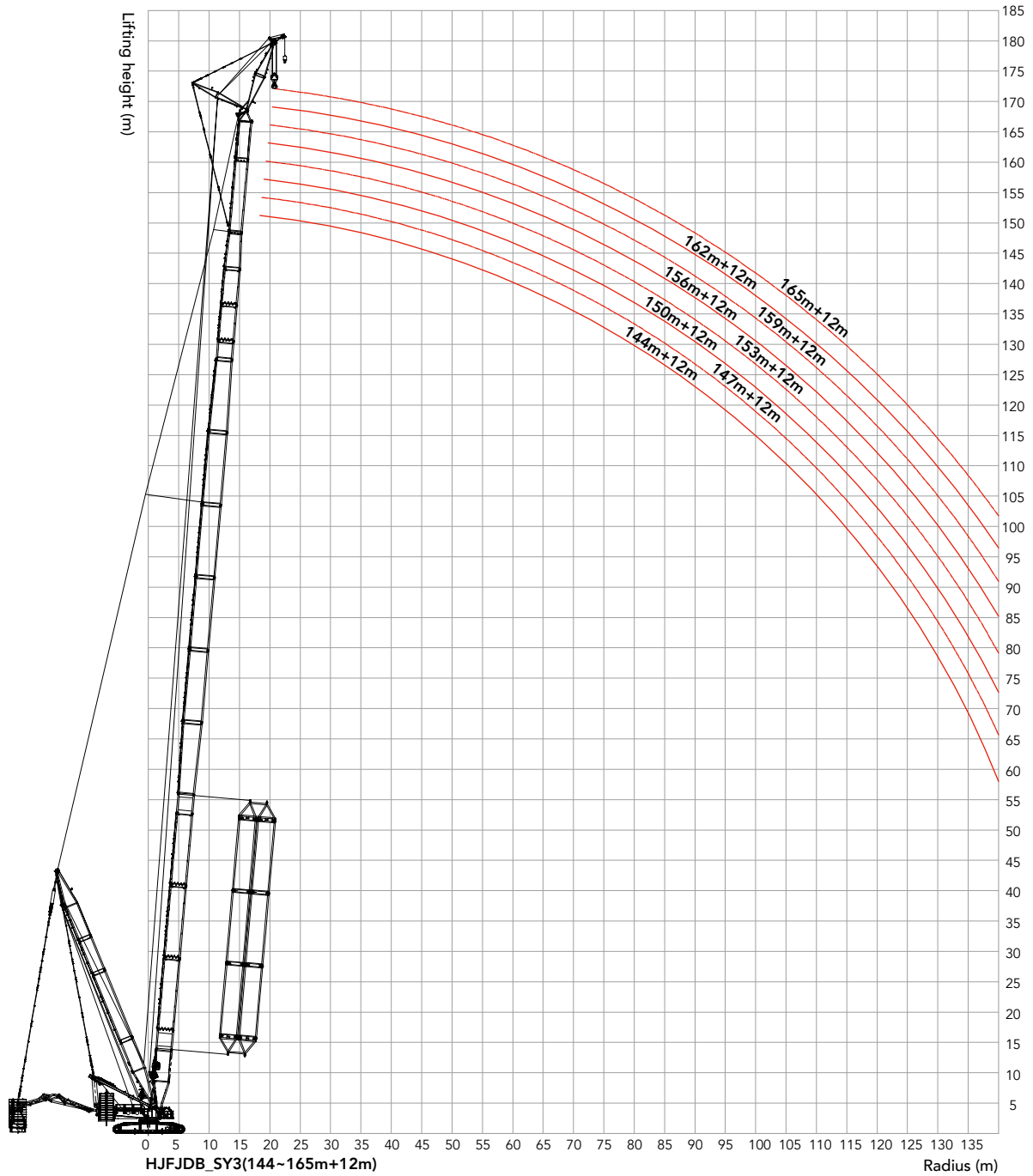
Note: Super power boom combination must includes: lower and upper transition section of super power boom , boom base, 6m tapered section, 12m jib insert and jib top.

For combinations marked with "**", the mid-suspension cable is must, otherwise, the boom may break.



HJFJDB_SY3(144~165m+12m)

Working Radius of HJFJDB_SY3 Configuration



Load Chart of HJFJDB_SY3 Configuration

| SCC7500A Crawler Crane Load Chart - HJFJDB_SY3 1/3 | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length 126~165m, Jib length 12m, Offset angle 10°, Superlift radius 21m, Superlift counterweight 0t~360t, Rear counterweight 210t, Carbody counterweight 70t | | | | | | | | | | | | | | | |
| Radius (m) | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 17 | 171 | 171 | | | | | | | | | | | | | 17 |
| 18 | 171 | 171 | 170 | 168 | 167 | 161 | | | | | | | | | 18 |
| 19 | 171 | 171 | 169 | 168 | 167 | 161 | 157 | 149 | 143 | 136 | | | | | 19 |
| 20 | 171 | 170 | 170 | 167 | 164 | 160 | 157 | 150 | 143 | 136 | 132 | 125 | 119 | | 20 |
| 22 | 171 | 168 | 165 | 162 | 160 | 157 | 158 | 150 | 143 | 136 | 131 | 125 | 119 | 116 | 22 |
| 24 | 165 | 163 | 160 | 158 | 155 | 152 | 157 | 149 | 142 | 135 | 131 | 124 | 119 | 113 | 24 |
| 26 | 161 | 158 | 155 | 153 | 150 | 148 | 156 | 145 | 137 | 134 | 130 | 124 | 118 | 113 | 26 |
| 28 | 157 | 153 | 145 | 145 | 144 | 140 | 155 | 142 | 133 | 133 | 129 | 123 | 117 | 112 | 28 |
| 30 | 152 | 144 | 139 | 137 | 135 | 133 | 146 | 139 | 132 | 130 | 125 | 118 | 116 | 111 | 30 |
| 32 | 140 | 138 | 135 | 133 | 131 | 129 | 145 | 138 | 131 | 126 | 121 | 115 | 113 | 110 | 32 |
| 34 | 136 | 133 | 131 | 129 | 127 | 125 | 144 | 137 | 130 | 124 | 121 | 115 | 109 | 110 | 34 |
| 36 | 132 | 130 | 127 | 125 | 123 | 122 | 142 | 136 | 130 | 123 | 120 | 114 | 108 | 109 | 36 |
| 38 | 128 | 126 | 123 | 121 | 120 | 118 | 137 | 134 | 129 | 122 | 119 | 113 | 107 | 108 | 38 |
| 40 | 124 | 122 | 120 | 119 | 116 | 115 | 129 | 126 | 124 | 121 | 118 | 112 | 107 | 108 | 40 |
| 44 | 118 | 115 | 113 | 112 | 110 | 109 | 117 | 114 | 112 | 109 | 107 | 105 | 103 | 100 | 44 |
| 48 | 112 | 109 | 108 | 106 | 104 | 103 | 106 | 104 | 101 | 99.3 | 97.6 | 95.0 | 93.0 | 90.9 | 48 |
| 52 | 106 | 104 | 102 | 101 | 99.5 | 98.1 | 97.8 | 95.1 | 93.1 | 90.5 | 88.9 | 86.4 | 84.5 | 82.5 | 52 |
| 56 | 101 | 99.8 | 97.6 | 96.8 | 95.1 | 93.8 | 100 | 98.1 | 89.0 | 86.6 | 81.4 | 79.0 | 77.1 | 75.1 | 56 |
| 60 | 97.1 | 95.1 | 93.0 | 92.3 | 90.7 | 89.6 | 93.1 | 90.6 | 88.6 | 86.2 | 84.7 | 75.8 | 74.0 | 72.1 | 60 |
| 64 | 92.8 | 91.4 | 89.4 | 88.4 | 87.3 | 86.3 | 86.3 | 83.9 | 82.0 | 79.7 | 78.2 | 75.9 | 74.1 | 72.2 | 64 |
| 68 | 89.3 | 87.8 | 85.9 | 84.9 | 83.6 | 81.7 | 80.2 | 77.9 | 76.1 | 73.8 | 72.5 | 70.2 | 68.5 | 66.6 | 68 |
| 72 | 85.8 | 84.6 | 82.9 | 82.0 | 80.8 | 76.0 | 74.7 | 72.4 | 70.7 | 68.5 | 67.2 | 65.0 | 63.4 | 61.6 | 72 |
| 76 | 83.1 | 81.7 | 80.0 | 78.9 | 75.4 | 73.3 | 72.1 | 67.4 | 65.8 | 63.7 | 62.4 | 60.3 | 58.7 | 57.0 | 76 |
| 80 | 80.7 | 79.2 | 77.6 | 76.5 | 75.2 | 74.5 | 73.3 | 65.2 | 63.6 | 61.6 | 58.0 | 56.0 | 54.4 | 52.8 | 80 |
| 84 | 78.3 | 76.4 | 75.1 | 73.2 | 71.7 | 69.7 | 68.6 | 66.6 | 65.1 | 57.3 | 56.2 | 54.2 | 52.7 | 48.9 | 84 |
| 88 | 73.8 | 71.5 | 70.3 | 68.4 | 67.1 | 65.2 | 64.2 | 62.3 | 60.8 | 58.9 | 57.8 | 50.3 | 48.9 | 47.4 | 88 |
| 92 | 68.2 | 67.2 | 66.6 | 64.0 | 62.8 | 61.0 | 60.0 | 58.2 | 56.8 | 55.0 | 54.0 | 52.0 | 50.6 | 43.8 | 92 |
| 96 | 63.1 | 62.0 | 61.5 | 60.4 | 59.9 | 57.0 | 56.1 | 54.3 | 53.1 | 51.3 | 50.3 | 48.5 | 47.1 | 45.6 | 96 |
| 100 | 58.3 | 57.3 | 56.8 | 55.7 | 55.1 | 54.1 | 52.4 | 50.7 | 49.5 | 47.8 | 46.9 | 45.1 | 43.8 | 42.4 | 100 |
| 104 | 53.9 | 52.9 | 52.4 | 51.3 | 50.8 | 49.7 | 49.5 | 48.4 | 46.1 | 44.4 | 43.6 | 41.9 | 40.7 | 39.3 | 104 |
| 108 | 49.9 | 48.8 | 48.3 | 47.3 | 46.7 | 45.7 | 45.5 | 44.4 | 43.8 | 42.7 | 40.5 | 38.8 | 37.7 | 36.4 | 108 |
| 112 | 46.1 | 45.0 | 44.5 | 43.5 | 42.9 | 41.9 | 41.7 | 40.6 | 40.0 | 38.9 | 38.7 | 37.6 | 34.8 | 33.6 | 112 |
| 116 | 42.5 | 41.5 | 41.0 | 39.9 | 39.4 | 38.4 | 38.2 | 37.1 | 36.5 | 35.4 | 35.2 | 34.0 | 33.4 | 32.7 | 116 |
| 120 | 39.2 | 38.2 | 37.7 | 36.6 | 36.1 | 35.1 | 34.9 | 33.8 | 33.2 | 32.1 | 31.9 | 30.8 | 30.2 | 29.4 | 120 |
| 124 | | 35.0 | 34.5 | 33.5 | 33.0 | 32.0 | 31.8 | 30.7 | 30.1 | 29.0 | 28.8 | 27.7 | 27.1 | 26.3 | 124 |
| 128 | | | 31.6 | 30.6 | 30.1 | 29.0 | 28.9 | 27.8 | 27.2 | 26.1 | 25.9 | 24.8 | 24.2 | 23.4 | 128 |
| 132 | | | | | 27.3 | 26.3 | 26.1 | 25.0 | 24.5 | 23.4 | 23.2 | 22.1 | 21.5 | 20.7 | 132 |
| 136 | | | | | | 23.7 | 23.5 | 22.4 | 21.9 | 20.8 | 20.6 | 19.5 | 18.9 | 18.2 | 136 |
| 140 | | | | | | | | 20.0 | 19.4 | 18.4 | 18.2 | 17.1 | 16.5 | 15.7 | 140 |
| 144 | | | | | | | | | | 16.0 | 15.8 | 14.7 | 14.2 | 13.4 | 144 |
| 148 | | | | | | | | | | | 13.6 | 12.5 | 12.0 | 11.2 | 148 |
| 152 | | | | | | | | | | | | | 9.9 | 9.1 | 152 |
| 156 | | | | | | | | | | | | | | 7.1 | 156 |

Unit: t

Load Chart of HJFJDB_SY3 Configuration

| SCC7500A Crawler Crane Load Chart - HJFJDB_SY3 2/3 | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length 126~165m, Jib length 12m, Offset angle 15°, Superlift radius 21m, Superlift counterweight 0t~360t, Rear counterweight 210t, Carbody counterweight 70t | | | | | | | | | | | | | | | |
| Radius (m) | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 18 | 162 | 159 | | | | | | | | | | | | | 18 |
| 19 | 160 | 158 | 155 | 152 | 150 | 148 | | | | | | | | | 19 |
| 20 | 158 | 155 | 152 | 151 | 148 | 145 | 152 | 147 | 142 | 128 | | | | | 20 |
| 22 | 154 | 152 | 149 | 146 | 145 | 142 | 152 | 148 | 142 | 128 | 129 | 124 | 118 | 115 | 22 |
| 24 | 150 | 148 | 145 | 143 | 140 | 139 | 152 | 148 | 142 | 128 | 130 | 124 | 118 | 113 | 24 |
| 26 | 146 | 144 | 141 | 139 | 137 | 135 | 151 | 148 | 141 | 128 | 129 | 123 | 118 | 112 | 26 |
| 28 | 142 | 140 | 138 | 135 | 133 | 132 | 148 | 145 | 140 | 128 | 129 | 123 | 117 | 112 | 28 |
| 30 | 139 | 137 | 134 | 132 | 131 | 128 | 145 | 143 | 140 | 128 | 129 | 122 | 116 | 111 | 30 |
| 32 | 135 | 133 | 130 | 129 | 127 | 126 | 141 | 140 | 137 | 128 | 128 | 122 | 116 | 110 | 32 |
| 34 | 132 | 130 | 127 | 126 | 124 | 122 | 138 | 137 | 135 | 128 | 127 | 121 | 115 | 110 | 34 |
| 36 | 129 | 127 | 125 | 123 | 121 | 120 | 135 | 135 | 132 | 128 | 126 | 120 | 114 | 109 | 36 |
| 38 | 125 | 124 | 122 | 119 | 118 | 116 | 132 | 131 | 129 | 127 | 126 | 119 | 113 | 108 | 38 |
| 40 | 122 | 120 | 118 | 116 | 114 | 113 | 129 | 126 | 124 | 121 | 119 | 117 | 113 | 108 | 40 |
| 44 | 116 | 114 | 112 | 111 | 109 | 107 | 117 | 114 | 112 | 109 | 107 | 105 | 103 | 101 | 44 |
| 48 | 111 | 109 | 107 | 105 | 103 | 103 | 106 | 104 | 102 | 99.4 | 97.7 | 95.2 | 93.2 | 91.1 | 48 |
| 52 | 106 | 103 | 102 | 100 | 99.2 | 98.0 | 97.8 | 95.2 | 93.1 | 90.6 | 89.0 | 86.6 | 84.7 | 82.7 | 52 |
| 56 | 101 | 100 | 97.9 | 96.4 | 94.8 | 93.7 | 100 | 91.1 | 89.1 | 86.7 | 81.5 | 79.1 | 77.3 | 75.3 | 56 |
| 60 | 97.2 | 95.7 | 94.1 | 92.7 | 91.3 | 90.3 | 93.1 | 90.7 | 88.7 | 86.3 | 78.2 | 75.9 | 74.2 | 72.3 | 60 |
| 64 | 93.4 | 92.0 | 90.5 | 89.2 | 87.8 | 86.9 | 86.4 | 84.0 | 82.1 | 79.8 | 78.4 | 76.1 | 74.3 | 66.3 | 64 |
| 68 | 90.1 | 88.8 | 87.0 | 85.8 | 84.1 | 81.8 | 80.3 | 78.0 | 76.2 | 74.0 | 72.6 | 70.4 | 68.7 | 66.8 | 68 |
| 72 | 87.0 | 85.7 | 84.0 | 82.7 | 81.0 | 76.1 | 74.8 | 72.6 | 70.9 | 68.7 | 67.4 | 65.2 | 63.5 | 61.8 | 72 |
| 76 | 84.4 | 82.7 | 81.1 | 80.3 | 75.6 | 73.5 | 72.2 | 67.6 | 66.0 | 63.8 | 62.6 | 60.5 | 58.9 | 57.2 | 76 |
| 80 | 81.9 | 80.7 | 78.7 | 78.0 | 76.4 | 74.7 | 67.4 | 65.3 | 63.8 | 61.7 | 58.2 | 56.1 | 54.6 | 52.9 | 80 |
| 84 | 78.4 | 76.6 | 75.2 | 73.3 | 71.9 | 69.9 | 68.8 | 66.7 | 59.4 | 57.5 | 56.4 | 54.4 | 52.9 | 49.0 | 84 |
| 88 | 74.1 | 71.7 | 70.4 | 68.6 | 67.3 | 65.4 | 64.3 | 62.4 | 61.0 | 59.0 | 58.0 | 50.5 | 49.1 | 47.5 | 88 |
| 92 | 68.5 | 67.5 | 65.9 | 64.2 | 62.9 | 61.1 | 60.2 | 58.3 | 57.0 | 55.1 | 54.1 | 52.2 | 50.8 | 44.0 | 92 |
| 96 | 63.3 | 62.3 | 61.8 | 60.7 | 58.8 | 57.1 | 56.3 | 54.5 | 53.2 | 51.4 | 50.5 | 48.6 | 47.3 | 45.8 | 96 |
| 100 | 58.5 | 57.5 | 57.0 | 56.0 | 55.4 | 54.4 | 52.5 | 50.9 | 49.7 | 47.9 | 47.1 | 45.3 | 44.0 | 42.6 | 100 |
| 104 | 54.1 | 53.1 | 52.6 | 51.6 | 51.0 | 50.0 | 49.8 | 48.7 | 46.3 | 44.6 | 43.8 | 42.1 | 40.8 | 39.5 | 104 |
| 108 | 50.0 | 49.0 | 48.5 | 47.5 | 46.9 | 45.9 | 45.7 | 44.6 | 44.0 | 43.0 | 40.7 | 39.0 | 37.9 | 36.5 | 108 |
| 112 | 46.2 | 45.2 | 44.7 | 43.7 | 43.1 | 42.1 | 41.9 | 40.8 | 40.2 | 39.2 | 38.9 | 37.8 | 35.0 | 33.7 | 112 |
| 116 | 42.6 | 41.6 | 41.1 | 40.1 | 39.6 | 38.5 | 38.3 | 37.3 | 36.7 | 35.6 | 35.4 | 34.3 | 33.7 | 31.0 | 116 |
| 120 | 39.3 | 38.3 | 37.8 | 36.8 | 36.2 | 35.2 | 35.0 | 34.0 | 33.4 | 32.3 | 32.1 | 31.0 | 30.4 | 29.6 | 120 |
| 124 | | 35.1 | 34.6 | 33.6 | 33.1 | 32.1 | 31.9 | 30.8 | 30.3 | 29.2 | 29.0 | 27.9 | 27.3 | 26.6 | 124 |
| 128 | | | 31.7 | 30.7 | 30.2 | 29.2 | 29.0 | 27.9 | 27.4 | 26.3 | 26.1 | 25.0 | 24.4 | 23.6 | 128 |
| 132 | | | | | 27.4 | 26.4 | 26.2 | 25.1 | 24.6 | 23.5 | 23.3 | 22.2 | 21.6 | 20.9 | 132 |
| 136 | | | | | | 23.7 | 23.6 | 22.5 | 22.0 | 20.9 | 20.7 | 19.6 | 19.0 | 18.3 | 136 |
| 140 | | | | | | | | 20.0 | 19.5 | 18.5 | 18.3 | 17.2 | 16.6 | 15.9 | 140 |
| 144 | | | | | | | | | 17.1 | 16.1 | 15.9 | 14.8 | 14.3 | 13.5 | 144 |
| 148 | | | | | | | | | | | 13.7 | 12.6 | 12.0 | 11.3 | 148 |
| 152 | | | | | | | | | | | | | 9.9 | 9.2 | 152 |
| 156 | | | | | | | | | | | | | | 7.2 | 156 |

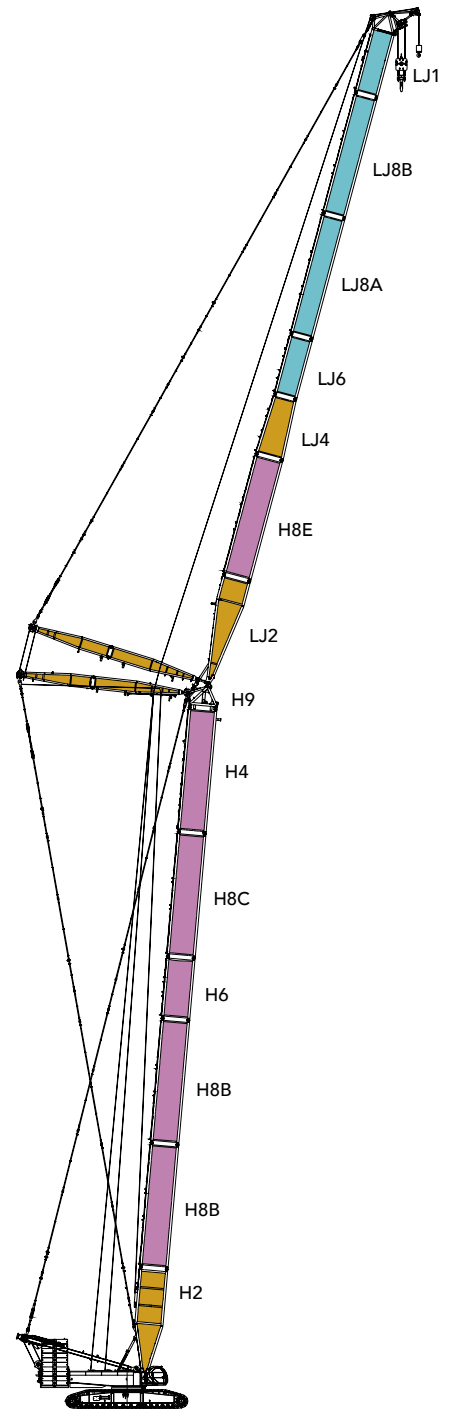
Load Chart of HJFJDB_SY3 Configuration

| SCC7500A Crawler Crane Load Chart - HJFJDB_SY3 3/3 | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length 126~165m, Jib length 12m, Offset angle 20°, Superlift radius 21m, Superlift counterweight 360t, Rear counterweight 210t, Carbody counterweight 70t | | | | | | | | | | | | | | | |
| Radius (m) | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | Radius (m) |
| 19 | 120 | 120 | | | | | | | | | | | | | 19 |
| 20 | 119 | 118 | 118 | 117 | 118 | 117 | | | | | | | | | 20 |
| 22 | 115 | 116 | 115 | 115 | 115 | 115 | 117 | 117 | 116 | 116 | 112 | 110 | 105 | 113 | 22 |
| 24 | 112 | 112 | 113 | 112 | 113 | 112 | 115 | 114 | 114 | 114 | 115 | 110 | 105 | 112 | 24 |
| 26 | 110 | 110 | 110 | 110 | 110 | 110 | 112 | 112 | 112 | 112 | 113 | 110 | 105 | 112 | 26 |
| 28 | 107 | 108 | 107 | 107 | 108 | 108 | 109 | 110 | 110 | 110 | 112 | 109 | 105 | 111 | 28 |
| 30 | 105 | 105 | 105 | 105 | 105 | 105 | 107 | 108 | 107 | 108 | 110 | 109 | 104 | 111 | 30 |
| 32 | 102 | 103 | 102 | 103 | 103 | 103 | 105 | 106 | 106 | 105 | 108 | 107 | 104 | 110 | 32 |
| 34 | 101 | 100 | 101 | 101 | 101 | 101 | 103 | 103 | 104 | 104 | 106 | 106 | 103 | 109 | 34 |
| 36 | 98.4 | 98.3 | 98.9 | 99.1 | 99.1 | 99.3 | 101 | 101 | 102 | 102 | 104 | 104 | 103 | 109 | 36 |
| 38 | 96.8 | 96.8 | 97.4 | 97.6 | 97.6 | 97.8 | 99.8 | 100 | 100 | 100 | 102 | 102 | 102 | 108 | 38 |
| 40 | 94.1 | 95.1 | 95.0 | 95.1 | 95.2 | 95.6 | 97.8 | 98.5 | 98.4 | 98.3 | 101 | 100 | 100 | 108 | 40 |
| 44 | 90.8 | 91.0 | 91.7 | 92.0 | 92.2 | 91.8 | 94.5 | 94.5 | 95.1 | 95.1 | 97.7 | 97.4 | 98.0 | 101 | 44 |
| 48 | 87.5 | 87.7 | 88.5 | 88.8 | 89.0 | 88.0 | 91.2 | 92.0 | 91.9 | 92.0 | 94.3 | 94.5 | 93.3 | 91.3 | 48 |
| 52 | 84.2 | 85.3 | 85.3 | 85.7 | 85.1 | 84.2 | 88.6 | 88.7 | 88.7 | 88.9 | 89.1 | 86.7 | 84.8 | 82.8 | 52 |
| 56 | 81.8 | 82.1 | 82.9 | 82.5 | 82.1 | 80.9 | 86.0 | 86.1 | 86.2 | 86.4 | 81.6 | 79.3 | 77.4 | 75.5 | 56 |
| 60 | 79.5 | 79.7 | 79.7 | 80.3 | 78.8 | 77.7 | 83.3 | 83.6 | 83.7 | 83.9 | 78.4 | 76.1 | 74.3 | 72.5 | 60 |
| 64 | 77.1 | 77.4 | 77.5 | 77.2 | 76.1 | 75.1 | 80.8 | 81.1 | 81.2 | 79.9 | 78.5 | 76.2 | 74.4 | 66.5 | 64 |
| 68 | 74.9 | 75.2 | 75.2 | 74.3 | 73.3 | 72.6 | 78.3 | 78.1 | 76.3 | 74.1 | 72.7 | 70.5 | 68.8 | 67.0 | 68 |
| 72 | 72.6 | 72.9 | 73.0 | 72.1 | 71.1 | 70.2 | 74.9 | 72.7 | 71.0 | 68.8 | 67.5 | 65.3 | 63.7 | 61.9 | 72 |
| 76 | 70.5 | 71.2 | 70.9 | 70.0 | 69.0 | 68.1 | 72.3 | 67.7 | 66.1 | 64.0 | 62.7 | 60.6 | 59.0 | 57.3 | 76 |
| 80 | 69.2 | 69.5 | 68.9 | 68.0 | 67.0 | 66.2 | 67.5 | 65.5 | 63.9 | 61.9 | 58.3 | 56.3 | 54.8 | 53.1 | 80 |
| 84 | 67.2 | 67.9 | 67.2 | 66.3 | 65.1 | 64.5 | 68.9 | 66.9 | 59.6 | 57.6 | 56.5 | 54.5 | 53.1 | 49.2 | 84 |
| 88 | 66.1 | 66.2 | 65.6 | 64.7 | 63.8 | 62.6 | 64.5 | 62.5 | 61.1 | 59.2 | 52.6 | 50.7 | 49.3 | 47.7 | 88 |
| 92 | 64.2 | 65.1 | 64.4 | 63.5 | 62.0 | 61.3 | 60.3 | 58.5 | 57.1 | 55.3 | 54.3 | 52.3 | 45.7 | 44.2 | 92 |
| 96 | 63.1 | 62.5 | 62.0 | 61.0 | 58.9 | 57.3 | 56.4 | 54.6 | 53.4 | 51.6 | 50.6 | 48.8 | 47.5 | 46.0 | 96 |
| 100 | 58.7 | 57.7 | 57.2 | 56.2 | 55.7 | 54.6 | 52.7 | 51.0 | 49.8 | 48.1 | 47.2 | 45.4 | 44.1 | 42.7 | 100 |
| 104 | 54.3 | 53.3 | 52.8 | 51.8 | 51.2 | 50.2 | 50.0 | 48.9 | 46.4 | 44.7 | 43.9 | 42.2 | 41.0 | 39.6 | 104 |
| 108 | 50.1 | 49.1 | 48.6 | 47.6 | 47.1 | 46.1 | 45.9 | 44.8 | 44.3 | 41.5 | 40.8 | 39.2 | 38.0 | 36.7 | 108 |
| 112 | 46.3 | 45.3 | 44.8 | 43.8 | 43.3 | 42.3 | 42.1 | 41.0 | 40.4 | 39.4 | 39.2 | 36.2 | 35.1 | 33.9 | 112 |
| 116 | 42.7 | 41.7 | 41.2 | 40.2 | 39.7 | 38.7 | 38.5 | 37.4 | 36.9 | 35.8 | 35.6 | 34.5 | 33.9 | 31.2 | 116 |
| 120 | 39.3 | 38.3 | 37.9 | 36.9 | 36.3 | 35.3 | 35.2 | 34.1 | 33.5 | 32.5 | 32.3 | 31.2 | 30.6 | 29.9 | 120 |
| 124 | | 35.1 | 34.7 | 33.7 | 33.2 | 32.2 | 32.0 | 31.0 | 30.4 | 29.4 | 29.2 | 28.1 | 27.5 | 26.7 | 124 |
| 128 | | | 31.7 | 30.7 | 30.2 | 29.2 | 29.1 | 28.0 | 27.5 | 26.4 | 26.2 | 25.1 | 24.5 | 23.8 | 128 |
| 132 | | | | | 27.4 | 26.4 | 26.3 | 25.2 | 24.7 | 23.6 | 23.4 | 22.3 | 21.8 | 21.0 | 132 |
| 136 | | | | | | 23.8 | 23.6 | 22.6 | 22.1 | 21.0 | 20.8 | 19.7 | 19.2 | 18.4 | 136 |
| 140 | | | | | | | | 20.1 | 19.5 | 18.5 | 18.3 | 17.3 | 16.7 | 16.0 | 140 |
| 144 | | | | | | | | | 17.2 | 16.1 | 16.0 | 14.9 | 14.3 | 13.6 | 144 |
| 148 | | | | | | | | | | | 13.7 | 12.7 | 12.1 | 11.4 | 148 |
| 152 | | | | | | | | | | | | 10.5 | 10.0 | 9.3 | 152 |
| 156 | | | | | | | | | | | | | | 7.2 | 156 |

LJ Boom Combination

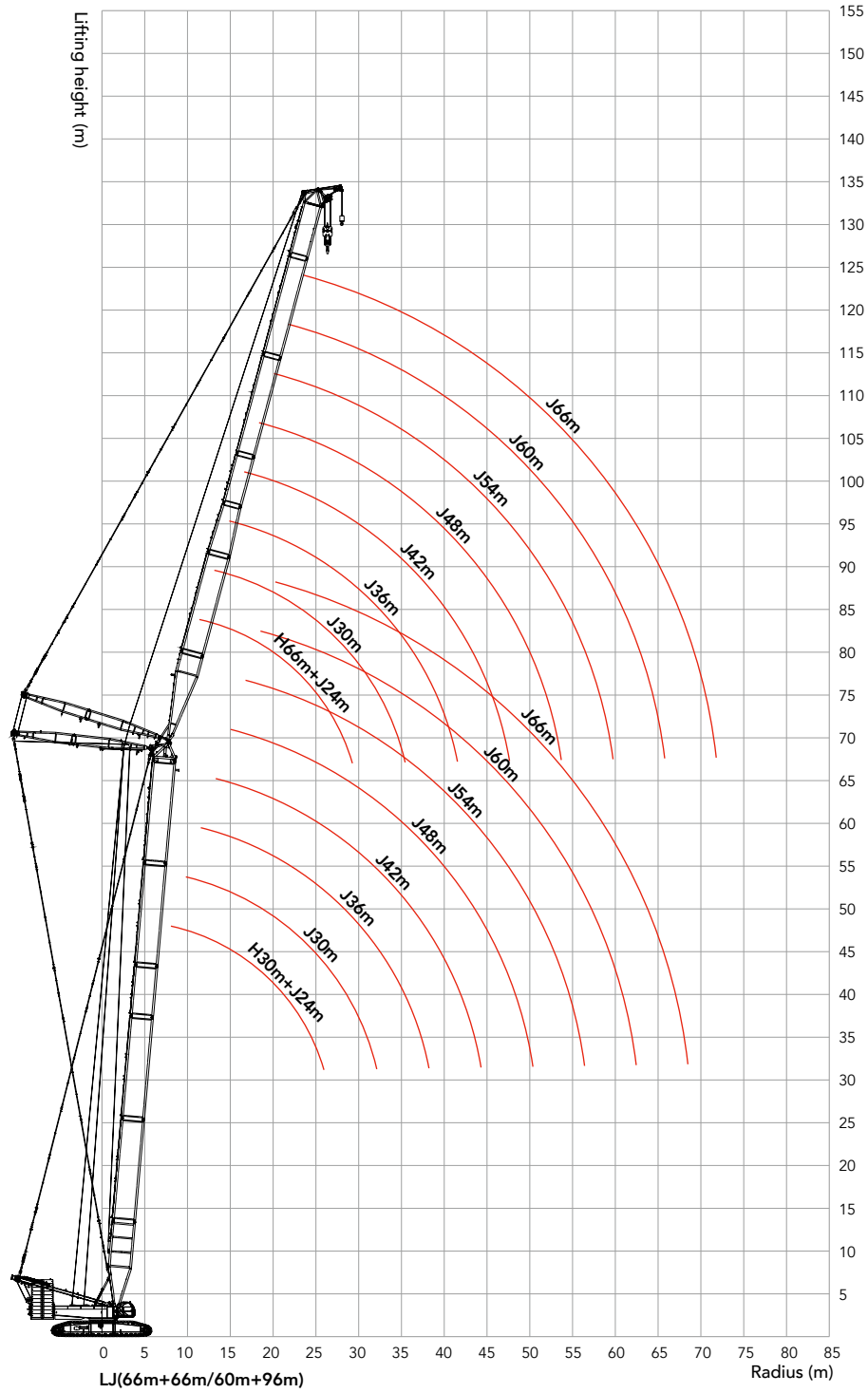
| LJ Boom Combination | | | |
|---------------------|--------------------|------------|-----|
| Boom length(m) | Boom insert 12m | Jib insert | |
| | | 6m | 12m |
| 24 | - | - | - |
| 30 | - | 1 | - |
| 36 | 1 | - | - |
| 42 | 1 | 1 | - |
| 48 | 1 | 2 | - |
| 54 | 1 | 1 | 1 |
| 60 | 1 | 2 | 1 |
| 66 | 1 | 1 | 2 |
| 72 | 1 | 2 | 2 |
| 78 | 1 | 1 | 3 |
| 84 | 1 | 2 | 3 |
| 90* | 1 | 1 | 4 |
| 96* | 1 | 2 | 4 |

Note: Boom combination is the same as H configuration.
 For jib combination: Jib base, 6m tapered section and jib top are must.
 For combinations marked with "*", the mid-suspension cable is must, otherwise, the boom may break.



LJ(66m+66m/60m+96m)

Working Radius of LJ Configuration



Unit: t

Load Chart of LJ Configuration

| SCC7500A-LJ Configuration 1/7 | | | | | | | | | | | | | | |
|---|-----|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 30m, Boom to jib angle: 85°, Jib length: 24m~96m, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 13 | 270 | | | | | | | | | | | | | 13 |
| 14 | 250 | 240 | | | | | | | | | | | | 14 |
| 15 | 233 | 224 | | | | | | | | | | | | 15 |
| 16 | 219 | 210 | 202 | | | | | | | | | | | 16 |
| 17 | 206 | 198 | 190 | | | | | | | | | | | 17 |
| 18 | 194 | 187 | 180 | 173 | | | | | | | | | | 18 |
| 19 | 183 | 177 | 171 | 164 | 159 | | | | | | | | | 19 |
| 20 | 174 | 168 | 162 | 156 | 151 | | | | | | | | | 20 |
| 22 | 158 | 152 | 147 | 142 | 137 | 133 | 128 | | | | | | | 22 |
| 24 | 144 | 139 | 134 | 130 | 125 | 122 | 118 | 114 | | | | | | 24 |
| 26 | 131 | 128 | 124 | 119 | 115 | 112 | 108 | 105 | 102 | | | | | 26 |
| 28 | 119 | 119 | 114 | 110 | 107 | 104 | 100 | 97.5 | 94.3 | 91.7 | 88.5 | | | 28 |
| 30 | | 109 | 106 | 102 | 99.1 | 96.2 | 93 | 90.6 | 87.5 | 85.1 | 82.1 | 79.8 | | 30 |
| 32 | | 99.8 | 98.9 | 95.6 | 92.4 | 89.7 | 86.7 | 84.4 | 81.5 | 79.2 | 76.4 | 74.2 | 71.5 | 32 |
| 34 | | 91.9 | 91.3 | 89.5 | 86.4 | 83.9 | 81 | 78.9 | 76.1 | 74 | 71.3 | 69.2 | 66.6 | 34 |
| 36 | | | 84.7 | 83.5 | 81.1 | 78.7 | 76 | 73.9 | 71.3 | 69.3 | 66.7 | 64.7 | 62.2 | 36 |
| 38 | | | 78.7 | 77.6 | 76.3 | 74 | 71.4 | 69.5 | 66.9 | 65 | 62.5 | 60.6 | 58.2 | 38 |
| 40 | | | | 72.4 | 71.4 | 69.7 | 67.2 | 65.4 | 62.9 | 61.1 | 58.7 | 56.9 | 54.5 | 40 |
| 44 | | | | 63.5 | 62.6 | 61.9 | 59.9 | 58.2 | 55.9 | 54.2 | 52 | 50.3 | 48.1 | 44 |
| 48 | | | | | 55.3 | 54.7 | 53.6 | 52.2 | 50 | 48.4 | 46.3 | 44.7 | 42.6 | 48 |
| 52 | | | | | | 48.6 | 47.6 | 47 | 44.9 | 43.4 | 41.4 | 39.9 | 37.8 | 52 |
| 56 | | | | | | | 43.3 | 42.4 | 41.9 | 40.5 | 39.1 | 37.1 | 35.7 | 56 |
| 60 | | | | | | | | 37.9 | 37.5 | 36.4 | 35.3 | 33.4 | 32 | 60 |
| 64 | | | | | | | | | 33.6 | 32.6 | 31.9 | 30.1 | 28.7 | 64 |
| 68 | | | | | | | | | 30.2 | 29.2 | 28.6 | 27.1 | 25.8 | 68 |
| 72 | | | | | | | | | | 26.1 | 25.6 | 24.5 | 23.2 | 72 |
| 76 | | | | | | | | | | | 22.9 | 21.8 | 20.8 | 76 |
| 80 | | | | | | | | | | | | 20.4 | 19.4 | 80 |
| 84 | | | | | | | | | | | | | 17.2 | 84 |
| 88 | | | | | | | | | | | | | | 88 |
| 92 | | | | | | | | | | | | | 14.6 | 92 |
| 96 | | | | | | | | | | | | | | 96 |
| | | | | | | | | | | | | | 11.6 | |
| | | | | | | | | | | | | | 10 | |

Load Chart of LJ Configuration

| SCC7500A-LJ Configuration 2/7 | | | | | | | | | | | | | | |
|---|-----|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 36m, Boom to jib angle: 85°, Jib length: 24m~96m, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 13 | 257 | | | | | | | | | | | | | 13 |
| 14 | 239 | | | | | | | | | | | | | 14 |
| 15 | 223 | 214 | | | | | | | | | | | | 15 |
| 16 | 209 | 201 | 194 | | | | | | | | | | | 16 |
| 17 | 197 | 190 | 183 | | | | | | | | | | | 17 |
| 18 | 186 | 179 | 173 | 166 | | | | | | | | | | 18 |
| 19 | 176 | 170 | 164 | 158 | | | | | | | | | | 19 |
| 20 | 168 | 162 | 156 | 150 | 145 | | | | | | | | | 20 |
| 22 | 152 | 147 | 142 | 137 | 132 | 128 | | | | | | | | 22 |
| 24 | 139 | 134 | 130 | 125 | 121 | 117 | 113 | 110 | | | | | | 24 |
| 26 | 128 | 124 | 120 | 115 | 111 | 108 | 105 | 102 | 98.2 | | | | | 26 |
| 28 | 118 | 115 | 111 | 107 | 103 | 100 | 96.7 | 94.1 | 90.9 | 88.3 | | | | 28 |
| 30 | | 107 | 103 | 99.2 | 95.8 | 93 | 89.9 | 87.5 | 84.4 | 82 | 79.1 | 76.8 | | 30 |
| 32 | | 99.3 | 96.2 | 92.6 | 89.4 | 86.8 | 83.8 | 81.5 | 78.7 | 76.4 | 73.6 | 71.4 | 68.7 | 32 |
| 34 | | 91.5 | 90.2 | 86.7 | 83.7 | 81.2 | 78.4 | 76.2 | 73.5 | 71.4 | 68.7 | 66.6 | 64 | 34 |
| 36 | | | 84.2 | 81.4 | 78.5 | 76.2 | 73.5 | 71.5 | 68.8 | 66.8 | 64.3 | 62.3 | 59.8 | 36 |
| 38 | | | 78.3 | 76.7 | 73.9 | 71.7 | 69 | 67.1 | 64.6 | 62.7 | 60.2 | 58.3 | 55.9 | 38 |
| 40 | | | 73 | 72 | 69.7 | 67.6 | 65 | 63.2 | 60.8 | 58.9 | 56.6 | 54.7 | 52.4 | 40 |
| 44 | | | | 63.1 | 62.2 | 60.4 | 58 | 56.3 | 54 | 52.3 | 50.1 | 48.4 | 46.2 | 44 |
| 48 | | | | | 54.9 | 54.3 | 52.1 | 50.5 | 48.3 | 46.7 | 44.6 | 43 | 40.9 | 48 |
| 52 | | | | | | 48.3 | 47 | 45.5 | 43.4 | 41.9 | 39.8 | 38.3 | 36.3 | 52 |
| 56 | | | | | | | 43 | 42.1 | 41.2 | 39.1 | 37.7 | 35.7 | 34.2 | 56 |
| 60 | | | | | | | | 37.6 | 37.2 | 35.4 | 34 | 32 | 30.6 | 60 |
| 64 | | | | | | | | | 33.4 | 32.1 | 30.7 | 28.8 | 27.5 | 64 |
| 68 | | | | | | | | | 29.9 | 28.9 | 27.8 | 26 | 24.6 | 68 |
| 72 | | | | | | | | | | 25.9 | 25.2 | 23.4 | 22.1 | 72 |
| 76 | | | | | | | | | | | 22.7 | 21.1 | 19.8 | 76 |
| 80 | | | | | | | | | | | | 20.2 | 18.9 | 80 |
| 84 | | | | | | | | | | | | | 17 | 84 |
| 88 | | | | | | | | | | | | | | 88 |
| 92 | | | | | | | | | | | | | 14.1 | 92 |
| 96 | | | | | | | | | | | | | 12.5 | 96 |
| | | | | | | | | | | | | | 10.8 | |
| | | | | | | | | | | | | | 9.3 | |

Unit: t

Load Chart of LJ Configuration

| SCC7500A-LJ Configuration 3/7 | | | | | | | | | | | | | | |
|---|-----|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 42m, Boom to jib angle: 85°, Jib length: 24m~96m, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 14 | 228 | | | | | | | | | | | | | 14 |
| 15 | 213 | 205 | | | | | | | | | | | | 15 |
| 16 | 200 | 193 | | | | | | | | | | | | 16 |
| 17 | 189 | 182 | 175 | | | | | | | | | | | 17 |
| 18 | 179 | 172 | 166 | | | | | | | | | | | 18 |
| 19 | 169 | 163 | 158 | 152 | | | | | | | | | | 19 |
| 20 | 161 | 155 | 150 | 144 | 139 | | | | | | | | | 20 |
| 22 | 147 | 142 | 137 | 131 | 127 | 123 | | | | | | | | 22 |
| 24 | 134 | 130 | 125 | 121 | 116 | 113 | 109 | | | | | | | 24 |
| 26 | 124 | 120 | 115 | 111 | 107 | 104 | 101 | 97.9 | 94.5 | | | | | 26 |
| 28 | 115 | 111 | 107 | 103 | 99.5 | 96.5 | 93.2 | 90.7 | 87.5 | 84.9 | | | | 28 |
| 30 | | 103 | 99.6 | 95.8 | 92.5 | 89.8 | 86.7 | 84.3 | 81.3 | 78.9 | 76 | | | 30 |
| 32 | | 96.7 | 93.1 | 89.5 | 86.4 | 83.8 | 80.8 | 78.6 | 75.7 | 73.5 | 70.8 | 68.6 | | 32 |
| 34 | | 90.9 | 87.3 | 83.8 | 80.9 | 78.4 | 75.6 | 73.5 | 70.8 | 68.7 | 66.1 | 64 | 61.4 | 34 |
| 36 | | | 82.2 | 78.8 | 75.9 | 73.6 | 70.9 | 68.9 | 66.3 | 64.3 | 61.8 | 59.8 | 57.3 | 36 |
| 38 | | | 77.5 | 74.2 | 71.5 | 69.3 | 66.7 | 64.8 | 62.3 | 60.4 | 57.9 | 56 | 53.6 | 38 |
| 40 | | | 72.5 | 70.1 | 67.4 | 65.3 | 62.8 | 61 | 58.6 | 56.7 | 54.4 | 52.5 | 50.2 | 40 |
| 44 | | | | 62.6 | 60.4 | 58.4 | 56 | 54.4 | 52 | 50.4 | 48.1 | 46.4 | 44.2 | 44 |
| 48 | | | | | 54.4 | 52.5 | 50.3 | 48.7 | 46.5 | 44.9 | 42.8 | 41.2 | 39.1 | 48 |
| 52 | | | | | 48.3 | 47.5 | 45.3 | 43.9 | 41.8 | 40.3 | 38.2 | 36.7 | 34.7 | 52 |
| 56 | | | | | | 42.7 | 41.1 | 39.7 | 37.6 | 36.2 | 34.2 | 32.7 | 30.8 | 56 |
| 60 | | | | | | | 37.3 | 36 | 34 | 32.6 | 30.7 | 29.3 | 27.4 | 60 |
| 64 | | | | | | | 33.3 | 32.7 | 30.8 | 29.5 | 27.6 | 26.2 | 24.3 | 64 |
| 68 | | | | | | | | 29.6 | 27.9 | 26.6 | 24.8 | 23.4 | 21.6 | 68 |
| 72 | | | | | | | | | 25.4 | 24.1 | 22.3 | 21 | 19.2 | 72 |
| 76 | | | | | | | | | | 21.8 | 20 | 18.7 | 17 | 76 |
| 80 | | | | | | | | | | 19.7 | 17.9 | 16.7 | 15 | 80 |
| 84 | | | | | | | | | | | 16.1 | 14.8 | 13.1 | 84 |
| 88 | | | | | | | | | | | | 13.1 | 11.4 | 88 |
| 92 | | | | | | | | | | | | 11.6 | 9.9 | 92 |
| 96 | | | | | | | | | | | | | 8.5 | 96 |

Load Chart of LJ Configuration

| SCC7500A-LJ Configuration 4/7 | | | | | | | | | | | | | | |
|---|-----|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 48m, Boom to jib angle: 85°, Jib length: 24m~96m, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 14 | 217 | | | | | | | | | | | | | 14 |
| 15 | 204 | | | | | | | | | | | | | 15 |
| 16 | 192 | 185 | | | | | | | | | | | | 16 |
| 17 | 181 | 174 | | | | | | | | | | | | 17 |
| 18 | 171 | 165 | 159 | | | | | | | | | | | 18 |
| 19 | 163 | 157 | 151 | 146 | | | | | | | | | | 19 |
| 20 | 155 | 149 | 144 | 139 | | | | | | | | | | 20 |
| 22 | 141 | 136 | 131 | 126 | 122 | 118 | | | | | | | | 22 |
| 24 | 130 | 125 | 121 | 116 | 112 | 109 | 105 | | | | | | | 24 |
| 26 | 120 | 116 | 111 | 107 | 103 | 100 | 96.9 | 94.1 | | | | | | 26 |
| 28 | 111 | 107 | 103 | 99.4 | 95.9 | 93 | 89.8 | 87.2 | 84.1 | 81.6 | | | | 28 |
| 30 | | 99.9 | 96.3 | 92.5 | 89.3 | 86.6 | 83.5 | 81.2 | 78.2 | 75.8 | 73 | | | 30 |
| 32 | | 93.5 | 90 | 86.5 | 83.4 | 80.8 | 77.9 | 75.7 | 72.9 | 70.7 | 67.9 | 65.8 | | 32 |
| 34 | | 87.9 | 84.5 | 81 | 78.1 | 75.7 | 72.9 | 70.8 | 68.1 | 66.1 | 63.4 | 61.4 | 58.8 | 34 |
| 36 | | | 79.5 | 76.2 | 73.4 | 71.1 | 68.4 | 66.4 | 63.8 | 61.9 | 59.3 | 57.4 | 54.9 | 36 |
| 38 | | | 75 | 71.8 | 69.1 | 66.9 | 64.3 | 62.4 | 59.9 | 58 | 55.6 | 53.7 | 51.3 | 38 |
| 40 | | | 71 | 67.8 | 65.2 | 63.1 | 60.6 | 58.8 | 56.3 | 54.5 | 52.2 | 50.4 | 48 | 40 |
| 44 | | | | 60.9 | 58.4 | 56.4 | 54 | 52.4 | 50.1 | 48.4 | 46.2 | 44.5 | 42.3 | 44 |
| 48 | | | | | 52.6 | 50.7 | 48.5 | 46.9 | 44.7 | 43.2 | 41 | 39.4 | 37.3 | 48 |
| 52 | | | | | 47.7 | 45.9 | 43.7 | 42.3 | 40.1 | 38.6 | 36.6 | 35.1 | 33 | 52 |
| 56 | | | | | | 41.7 | 39.6 | 38.2 | 36.1 | 34.7 | 32.7 | 31.3 | 29.3 | 56 |
| 60 | | | | | | | 35.9 | 34.6 | 32.6 | 31.2 | 29.3 | 27.9 | 26 | 60 |
| 64 | | | | | | | 32.8 | 31.4 | 29.5 | 28.2 | 26.3 | 24.9 | 23 | 64 |
| 68 | | | | | | | | 28.6 | 26.7 | 25.4 | 23.6 | 22.2 | 20.4 | 68 |
| 72 | | | | | | | | | 24.2 | 23 | 21.1 | 19.8 | 18 | 72 |
| 76 | | | | | | | | | 22 | 20.7 | 18.9 | 17.7 | 15.9 | 76 |
| 80 | | | | | | | | | | 18.7 | 16.9 | 15.7 | 13.9 | 80 |
| 84 | | | | | | | | | | | 15.1 | 13.9 | 12.1 | 84 |
| 88 | | | | | | | | | | | | 12.2 | 10.5 | 88 |
| 92 | | | | | | | | | | | | 10.7 | 9 | 92 |
| 96 | | | | | | | | | | | | | 7.6 | 96 |

Unit: t

Load Chart of LJ Configuration

| SCC7500A-LJ Configuration 5/7 | | | | | | | | | | | | | | |
|---|-----|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 54m, Boom to jib angle: 85°, Jib length: 24m~96m, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 15 | 194 | | | | | | | | | | | | | 15 |
| 16 | 183 | | | | | | | | | | | | | 16 |
| 17 | 173 | 167 | | | | | | | | | | | | 17 |
| 18 | 164 | 158 | 152 | | | | | | | | | | | 18 |
| 19 | 156 | 151 | 145 | | | | | | | | | | | 19 |
| 20 | 149 | 143 | 138 | 133 | | | | | | | | | | 20 |
| 22 | 136 | 131 | 126 | 121 | 117 | | | | | | | | | 22 |
| 24 | 125 | 120 | 116 | 112 | 108 | 104 | 101 | | | | | | | 24 |
| 26 | 115 | 111 | 107 | 103 | 99.5 | 96.4 | 93 | 90.3 | | | | | | 26 |
| 28 | 107 | 103 | 99.6 | 95.7 | 92.3 | 89.4 | 86.2 | 83.7 | 80.6 | | | | | 28 |
| 30 | 100 | 96.4 | 92.8 | 89.1 | 85.9 | 83.3 | 80.2 | 77.9 | 74.9 | 72.7 | 69.8 | | | 30 |
| 32 | | 90.3 | 86.9 | 83.3 | 80.3 | 77.8 | 74.9 | 72.7 | 69.9 | 67.7 | 65 | 62.9 | | 32 |
| 34 | | 84.8 | 81.5 | 78.1 | 75.2 | 72.8 | 70.1 | 68 | 65.3 | 63.3 | 60.7 | 58.6 | 56.1 | 34 |
| 36 | | 80.1 | 76.7 | 73.5 | 70.7 | 68.4 | 65.7 | 63.8 | 61.2 | 59.3 | 56.7 | 54.8 | 52.3 | 36 |
| 38 | | | 72.4 | 69.2 | 66.5 | 64.4 | 61.8 | 60 | 57.5 | 55.6 | 53.2 | 51.3 | 48.9 | 38 |
| 40 | | | 68.5 | 65.4 | 62.8 | 60.7 | 58.2 | 56.5 | 54 | 52.3 | 49.9 | 48.1 | 45.8 | 40 |
| 44 | | | | 58.7 | 56.2 | 54.3 | 51.9 | 50.3 | 48 | 46.3 | 44.1 | 42.4 | 40.2 | 44 |
| 48 | | | | | 50.7 | 48.8 | 46.6 | 45.1 | 42.9 | 41.3 | 39.2 | 37.6 | 35.5 | 48 |
| 52 | | | | | 46 | 44.1 | 42 | 40.5 | 38.4 | 36.9 | 34.9 | 33.4 | 31.3 | 52 |
| 56 | | | | | | 40.1 | 38 | 36.6 | 34.6 | 33.1 | 31.1 | 29.7 | 27.7 | 56 |
| 60 | | | | | | | 34.5 | 33.1 | 31.1 | 29.8 | 27.8 | 26.4 | 24.5 | 60 |
| 64 | | | | | | | 31.4 | 30.1 | 28.1 | 26.8 | 24.9 | 23.5 | 21.7 | 64 |
| 68 | | | | | | | | 27.4 | 25.4 | 24.1 | 22.3 | 21 | 19.1 | 68 |
| 72 | | | | | | | | | 23 | 21.8 | 19.9 | 18.6 | 16.8 | 72 |
| 76 | | | | | | | | | 20.8 | 19.6 | 17.8 | 16.5 | 14.7 | 76 |
| 80 | | | | | | | | | | 17.6 | 15.8 | 14.6 | 12.8 | 80 |
| 84 | | | | | | | | | | | 14.1 | 12.8 | 11.1 | 84 |
| 88 | | | | | | | | | | | | 12.5 | 11.2 | 88 |
| 92 | | | | | | | | | | | | | 9.8 | 92 |
| 96 | | | | | | | | | | | | | | 96 |

Load Chart of LJ Configuration

| SCC7500A-LJ Configuration 6/7 | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 60m, Boom to jib angle: 85°, Jib length: 24m~96m, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 15 | 185 | | | | | | | | | | | | | 15 |
| 16 | 175 | | | | | | | | | | | | | 16 |
| 17 | 166 | 159 | | | | | | | | | | | | 17 |
| 18 | 157 | 151 | | | | | | | | | | | | 18 |
| 19 | 149 | 144 | 139 | | | | | | | | | | | 19 |
| 20 | 142 | 137 | 132 | 127 | | | | | | | | | | 20 |
| 22 | 130 | 126 | 121 | 116 | 112 | | | | | | | | | 22 |
| 24 | 120 | 116 | 111 | 107 | 103 | 100 | | | | | | | | 24 |
| 26 | 111 | 107 | 103 | 99 | 95.4 | 92.4 | 89 | 86.4 | | | | | | 26 |
| 28 | 103 | 99.4 | 95.8 | 91.9 | 88.6 | 85.8 | 82.6 | 80.1 | 77.1 | | | | | 28 |
| 30 | 96.3 | 92.8 | 89.3 | 85.7 | 82.5 | 79.9 | 76.9 | 74.6 | 71.7 | 69.4 | | | | 30 |
| 32 | | 86.9 | 83.6 | 80.1 | 77.1 | 74.6 | 71.8 | 69.6 | 66.8 | 64.7 | 62 | | | 32 |
| 34 | | 81.7 | 78.5 | 75.1 | 72.3 | 69.9 | 67.2 | 65.2 | 62.5 | 60.5 | 57.9 | 55.8 | 53.3 | 34 |
| 36 | | 77.1 | 73.9 | 70.7 | 67.9 | 65.7 | 63 | 61.1 | 58.5 | 56.6 | 54.1 | 52.2 | 49.7 | 36 |
| 38 | | | 69.8 | 66.6 | 64 | 61.8 | 59.3 | 57.5 | 54.9 | 53.1 | 50.7 | 48.8 | 46.4 | 38 |
| 40 | | | 66 | 62.9 | 60.4 | 58.3 | 55.8 | 54.1 | 51.7 | 49.9 | 47.5 | 45.7 | 43.4 | 40 |
| 44 | | | | 56.5 | 54.1 | 52.1 | 49.8 | 48.2 | 45.9 | 44.2 | 42 | 40.3 | 38.1 | 44 |
| 48 | | | | 51.1 | 48.7 | 46.9 | 44.6 | 43.1 | 40.9 | 39.4 | 37.2 | 35.6 | 33.5 | 48 |
| 52 | | | | | 44.1 | 42.4 | 40.2 | 38.8 | 36.7 | 35.2 | 33.1 | 31.6 | 29.6 | 52 |
| 56 | | | | | | 38.4 | 36.3 | 35 | 32.9 | 31.5 | 29.5 | 28 | 26.1 | 56 |
| 60 | | | | | | | 32.9 | 31.6 | 29.6 | 28.3 | 26.3 | 24.9 | 23 | 60 |
| 64 | | | | | | | 29.9 | 28.7 | 26.7 | 25.4 | 23.5 | 22.1 | 20.2 | 64 |
| 68 | | | | | | | | 26 | 24.1 | 22.8 | 20.9 | 19.6 | 17.8 | 68 |
| 72 | | | | | | | | | 21.7 | 20.5 | 18.7 | 17.4 | 15.6 | 72 |
| 76 | | | | | | | | | 19.6 | 18.4 | 16.6 | 15.3 | 13.5 | 76 |
| 80 | | | | | | | | | | 16.5 | 14.7 | 13.5 | 11.7 | 80 |
| 84 | | | | | | | | | | | 13 | 11.8 | 10 | 84 |
| 88 | | | | | | | | | | | | 11.4 | 10.2 | 88 |
| 92 | | | | | | | | | | | | | 8.8 | 92 |
| 96 | | | | | | | | | | | | | | 96 |

Unit: t

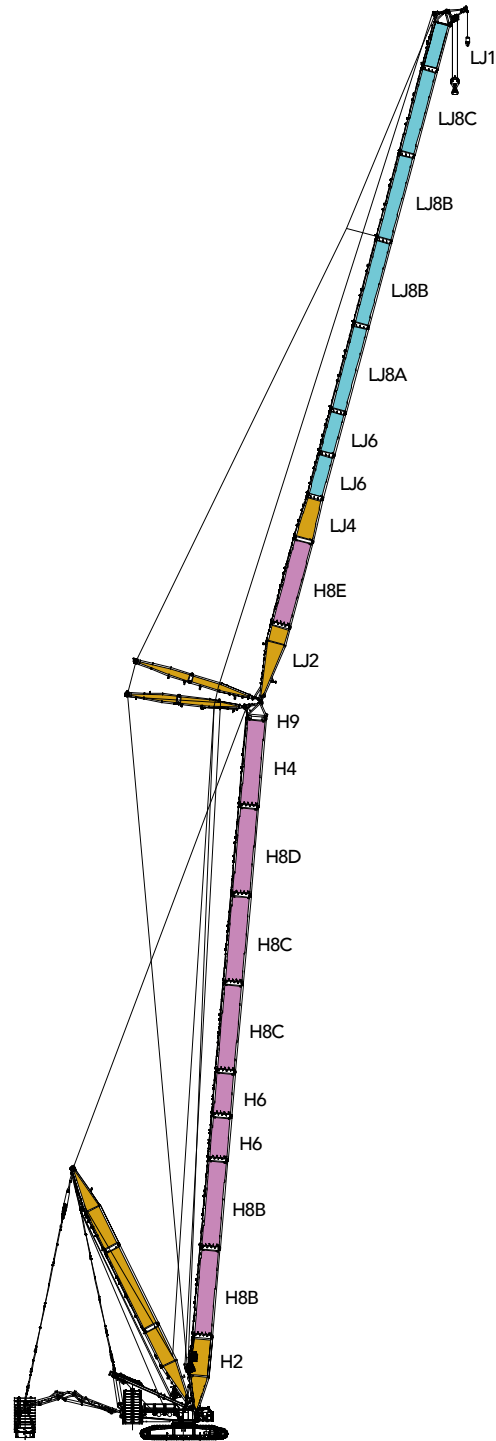
Load Chart of LJ Configuration

| SCC7500A-LJ Configuration 7/7 | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------------|
| Boom length: 66m, Boom to jib angle: 85°, Jib length: 24m~66m, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | Radius (m) |
| 16 | 167 | | | | | | | | 16 |
| 17 | 158 | | | | | | | | 17 |
| 18 | 150 | 145 | | | | | | | 18 |
| 19 | 143 | 138 | 133 | | | | | | 19 |
| 20 | 137 | 132 | 127 | | | | | | 20 |
| 22 | 125 | 121 | 116 | 112 | 108 | | | | 22 |
| 24 | 115 | 111 | 107 | 103 | 99 | 95.8 | | | 24 |
| 26 | 107 | 103 | 99.1 | 95.1 | 91.6 | 88.6 | 85.3 | | 26 |
| 28 | 99.3 | 95.7 | 92.2 | 88.4 | 85.1 | 82.3 | 79.1 | 76.8 | 28 |
| 30 | 92.8 | 89.4 | 86 | 82.4 | 79.3 | 76.7 | 73.7 | 71.5 | 30 |
| 32 | | 83.8 | 80.6 | 77.1 | 74.1 | 71.7 | 68.8 | 66.7 | 32 |
| 34 | | 78.8 | 75.7 | 72.3 | 69.5 | 67.2 | 64.4 | 62.5 | 34 |
| 36 | | 74.3 | 71.2 | 68 | 65.3 | 63.1 | 60.5 | 58.6 | 36 |
| 38 | | | 67.3 | 64.1 | 61.5 | 59.4 | 56.8 | 55 | 38 |
| 40 | | | 63.6 | 60.6 | 58.1 | 56 | 53.6 | 51.8 | 40 |
| 44 | | | | 54.4 | 52 | 50.1 | 47.7 | 46.1 | 44 |
| 48 | | | | 49.2 | 46.8 | 45 | 42.8 | 41.3 | 48 |
| 52 | | | | | 42.4 | 40.6 | 38.5 | 37.1 | 52 |
| 56 | | | | | | 36.8 | 34.8 | 33.4 | 56 |
| 60 | | | | | | 33.5 | 31.5 | 30.2 | 60 |
| 64 | | | | | | | 28.6 | 27.3 | 64 |
| 68 | | | | | | | | 24.7 | 68 |

LJDB Boom Combination

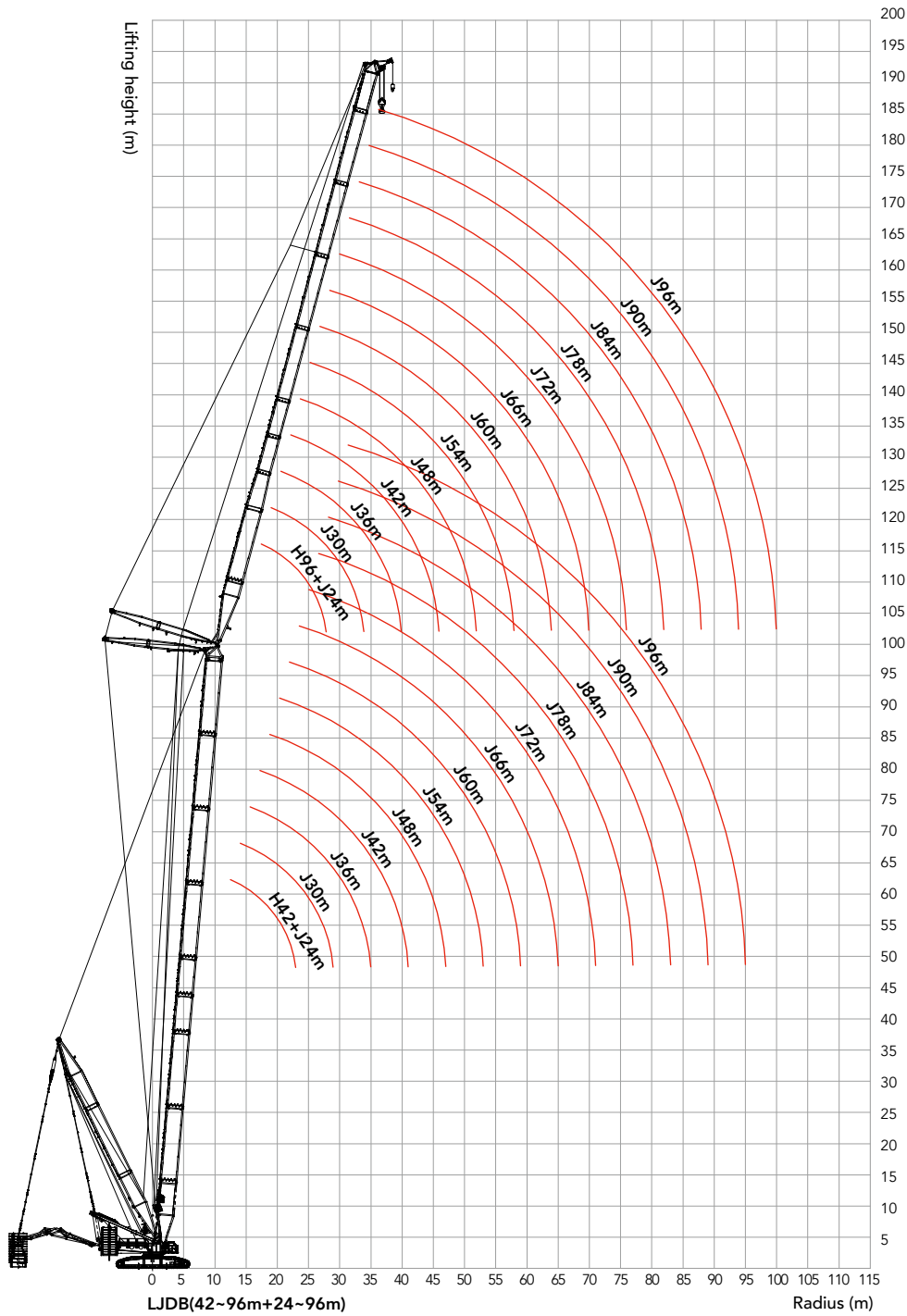
| LJDB Boom Combination | | | |
|-----------------------|-------------|------------|-----|
| Boom length(m) | Boom insert | Jib insert | |
| | 12m | 6m | 12m |
| 24 | - | - | - |
| 30 | - | 1 | - |
| 36 | 1 | - | - |
| 42 | 1 | 1 | - |
| 48 | 1 | 2 | - |
| 54 | 1 | 1 | 1 |
| 60 | 1 | 2 | 1 |
| 66 | 1 | 1 | 2 |
| 72 | 1 | 2 | 2 |
| 78 | 1 | 1 | 3 |
| 84 | 1 | 2 | 3 |
| 90* | 1 | 1 | 4 |
| 96* | 1 | 2 | 4 |

Note: Boom combination is the same as H configuration.
 For jib combination: Jib base, 6m tapered section and jib top are must.
 For combinations marked with "*", the mid-suspension cable is must, otherwise, the boom may break.



LJDB(42~96m+24~96m)

Working Radius of LJDB Configuration



Load Chart of LJDB Configuration

| SCC7500A-LJDB Configuration 1/10 | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 42m, Boom to jib angle: 85°, Jib length: 24m~96m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 14 | 350 | | | | | | | | | | | | | 14 |
| 16 | 350 | 350 | | | | | | | | | | | | 16 |
| 18 | 330 | 330 | 292 | | | | | | | | | | | 18 |
| 20 | 321 | 321 | 283 | 260 | | | | | | | | | | 20 |
| 22 | 306 | 303 | 273 | 245 | 210 | | | | | | | | | 22 |
| 24 | 267 | 273 | 258 | 235 | 205 | | | | | | | | | 24 |
| 26 | 226 | 243 | 240 | 227 | 200 | 173 | | | | | | | | 26 |
| 28 | 189 | 218 | 218 | 215 | 195 | 168 | 146 | | | | | | | 28 |
| 30 | | 191 | 199 | 200 | 188 | 162 | 144 | 124 | 106 | | | | | 30 |
| 32 | | 165 | 180 | 181 | 180 | 157 | 142 | 123 | 105 | 88.2 | | | | 32 |
| 34 | | 141 | 165 | 166 | 166 | 151 | 141 | 121 | 104 | 86.2 | 75.5 | | | 34 |
| 36 | | | 155 | 153 | 152 | 145 | 138 | 119 | 103 | 85.1 | 74.2 | 63.3 | | 36 |
| 38 | | | 143 | 142 | 141 | 136 | 135 | 117 | 102 | 83.8 | 73.3 | 62.1 | 51.2 | 38 |
| 40 | | | 126 | 133 | 131 | 131 | 129 | 115 | 101 | 82.7 | 72.1 | 61.4 | 50.1 | 40 |
| 44 | | | | 115 | 116 | 115 | 112 | 108 | 99.2 | 81.6 | 70.9 | 60.2 | 48.6 | 44 |
| 48 | | | | | 101 | 103 | 100 | 97.7 | 95.8 | 78.5 | 69.5 | 59.5 | 47.2 | 48 |
| 52 | | | | | 85.2 | 91.1 | 90.5 | 88.2 | 90.3 | 77.2 | 65.8 | 56.9 | 45.1 | 52 |
| 56 | | | | | | 78.3 | 80.4 | 78.6 | 78.8 | 73.4 | 64.7 | 55.5 | 43.8 | 56 |
| 60 | | | | | | | 70.8 | 73.4 | 71.5 | 69.2 | 63.4 | 51.1 | 41.9 | 60 |
| 64 | | | | | | | 59.9 | 65.3 | 64.7 | 63.3 | 56.8 | 45.6 | 38.0 | 64 |
| 68 | | | | | | | | 56.7 | 60.4 | 57.6 | 52.2 | 41.1 | 33.3 | 68 |
| 72 | | | | | | | | | 51.9 | 52.8 | 46.9 | 37.2 | 29.1 | 72 |
| 76 | | | | | | | | | | 48.3 | 43.1 | 33.3 | 25.4 | 76 |
| 80 | | | | | | | | | | 42.1 | 39.2 | 29.2 | 22.2 | 80 |
| 84 | | | | | | | | | | | 35.2 | 26.4 | 19.2 | 84 |
| 88 | | | | | | | | | | | | 23.5 | 16.7 | 88 |
| 92 | | | | | | | | | | | | 21.2 | 14.1 | 92 |
| 96 | | | | | | | | | | | | | 11.4 | 96 |

Unit: t

Load Chart of LJDB Configuration

| SCC7500A-LJDB Configuration 2/10 | | | | | | | | | | | | | | |
|--|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 48m, Boom to jib angle: 85°, Jib length: 24m~96m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 14 | 350 | | | | | | | | | | | | | 14 |
| 16 | 350 | 320 | | | | | | | | | | | | 16 |
| 18 | 322 | 310 | 265 | | | | | | | | | | | 18 |
| 20 | 320 | 300 | 261 | 227 | | | | | | | | | | 20 |
| 22 | 310 | 287 | 253 | 223 | | | | | | | | | | 22 |
| 24 | 265 | 272 | 246 | 217 | 190 | | | | | | | | | 24 |
| 26 | 225 | 245 | 240 | 212 | 186 | 163 | | | | | | | | 26 |
| 28 | 190 | 215 | 223 | 207 | 182 | 158 | 137 | | | | | | | 28 |
| 30 | | 190 | 205 | 199 | 177 | 155 | 136 | 117 | | | | | | 30 |
| 32 | | 165 | 187 | 185 | 171 | 147 | 134 | 116 | 99.3 | 83.1 | | | | 32 |
| 34 | | 140 | 172 | 171 | 165 | 144 | 133 | 114 | 98.2 | 82.3 | 71.3 | | | 34 |
| 36 | | | 160 | 158 | 155 | 139 | 131 | 112 | 95.9 | 81.1 | 70.4 | 60.1 | | 36 |
| 38 | | | 145 | 146 | 145 | 133 | 129 | 110 | 95.1 | 80.1 | 69.1 | 59.4 | 49.6 | 38 |
| 40 | | | 125 | 136 | 135 | 130 | 124 | 108 | 93.3 | 77.9 | 67.8 | 58.1 | 48.4 | 40 |
| 44 | | | | 115 | 118 | 116 | 115 | 105 | 90.8 | 76.5 | 67.2 | 56.9 | 47.2 | 44 |
| 48 | | | | | 103 | 105 | 105 | 101 | 89.5 | 75.2 | 65.5 | 55.4 | 45.2 | 48 |
| 52 | | | | | 82.5 | 91.3 | 90.9 | 90.2 | 86.2 | 72.9 | 64.1 | 54.1 | 44.3 | 52 |
| 56 | | | | | | 79.9 | 82.6 | 81.1 | 77.8 | 70.8 | 60.8 | 52.7 | 42.1 | 56 |
| 60 | | | | | | | 72.8 | 74.8 | 72.9 | 69.1 | 59.7 | 51.6 | 41.4 | 60 |
| 64 | | | | | | | 60.1 | 65.9 | 65.5 | 65.2 | 58.1 | 46.3 | 38.2 | 64 |
| 68 | | | | | | | | 58.2 | 60.3 | 59.6 | 51.6 | 42.2 | 33.2 | 68 |
| 72 | | | | | | | | | 54.6 | 55.2 | 47.2 | 37.3 | 30.1 | 72 |
| 76 | | | | | | | | | 40.9 | 49.6 | 42.5 | 32.8 | 26.1 | 76 |
| 80 | | | | | | | | | | 39.7 | 39.1 | 29.1 | 22.4 | 80 |
| 84 | | | | | | | | | | | 34.7 | 25.8 | 19.6 | 84 |
| 88 | | | | | | | | | | | | 23.7 | 17.0 | 88 |
| 92 | | | | | | | | | | | | 21.1 | 14.5 | 92 |
| 96 | | | | | | | | | | | | | 12.3 | 96 |

Load Chart of LJDB Configuration

| SCC7500A-LJDB Configuration 3/10 | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 54m, Boom to jib angle: 85°, Jib length: 24m~96m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 16 | 350 | | | | | | | | | | | | | 16 |
| 18 | 323 | 290 | 265 | | | | | | | | | | | 18 |
| 20 | 305 | 280 | 255 | 213 | | | | | | | | | | 20 |
| 22 | 288 | 265 | 240 | 210 | 190 | | | | | | | | | 22 |
| 24 | 273 | 253 | 231 | 205 | 180 | | | | | | | | | 24 |
| 26 | 238 | 241 | 223 | 200 | 177 | 155 | 133 | | | | | | | 26 |
| 28 | 200 | 223 | 215 | 195 | 173 | 151 | 131 | 112 | | | | | | 28 |
| 30 | 163 | 196 | 206 | 190 | 168 | 146 | 129 | 111 | 95.4 | | | | | 30 |
| 32 | | 172 | 195 | 183 | 163 | 142 | 128 | 110 | 94.5 | 79.6 | | | | 32 |
| 34 | | 147 | 183 | 175 | 159 | 138 | 125 | 108 | 93.3 | 78.5 | 68.1 | 59.4 | | 34 |
| 36 | | 123 | 166 | 165 | 153 | 133 | 124 | 107 | 91.9 | 77.9 | 67.2 | 58.5 | 48.2 | 36 |
| 38 | | | 152 | 156 | 148 | 130 | 122 | 105 | 90.7 | 77.1 | 66.3 | 57.2 | 47.1 | 38 |
| 40 | | | 132 | 145 | 141 | 125 | 119 | 102 | 89.6 | 76.3 | 65.2 | 56.1 | 46.3 | 40 |
| 44 | | | | 120 | 124 | 116 | 116 | 99.1 | 87.1 | 75.2 | 64.1 | 55.3 | 45.1 | 44 |
| 48 | | | | | 106 | 106 | 108 | 95.3 | 85.3 | 73.4 | 63.2 | 53.9 | 44.2 | 48 |
| 52 | | | | | 85.3 | 95.5 | 95.9 | 90.8 | 80.6 | 71.1 | 62.1 | 52.3 | 42.5 | 52 |
| 56 | | | | | | 80.8 | 84.7 | 85.1 | 79.2 | 69.2 | 60.4 | 51.1 | 41.2 | 56 |
| 60 | | | | | | | 73.1 | 75.7 | 74.1 | 66.5 | 58.3 | 50.4 | 39.8 | 60 |
| 64 | | | | | | | 62.5 | 67.6 | 67.5 | 65.2 | 55.9 | 47.0 | 38.1 | 64 |
| 68 | | | | | | | | 58.2 | 60.6 | 60.2 | 53.1 | 42.3 | 33.9 | 68 |
| 72 | | | | | | | | | 54.8 | 54.3 | 48.2 | 38.1 | 29.5 | 72 |
| 76 | | | | | | | | | 45.9 | 45.7 | 43.4 | 34.0 | 26.5 | 76 |
| 80 | | | | | | | | | | 42.5 | 39.5 | 30.2 | 23.2 | 80 |
| 84 | | | | | | | | | | | 36.1 | 26.8 | 20.3 | 84 |
| 88 | | | | | | | | | | | 32.6 | 24.3 | 17.5 | 88 |
| 92 | | | | | | | | | | | | 21.3 | 14.4 | 92 |
| 96 | | | | | | | | | | | | | 12.3 | 96 |

Unit: t

Load Chart of LJDB Configuration

| SCC7500A-LJDB Configuration 4/10 | | | | | | | | | | | | | | |
|---|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 60m, Boom to jib angle: 85°, Jib length: 24m~96m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 16 | 300 | | | | | | | | | | | | | 16 |
| 18 | 292 | 262 | | | | | | | | | | | | 18 |
| 20 | 273 | 250 | 230 | 200 | | | | | | | | | | 20 |
| 22 | 260 | 238 | 220 | 192 | | | | | | | | | | 22 |
| 24 | 245 | 227 | 210 | 186 | 165 | | | | | | | | | 24 |
| 26 | 231 | 218 | 205 | 182 | 161 | 141 | | | | | | | | 26 |
| 28 | 210 | 207 | 192 | 178 | 157 | 139 | 121 | 106 | | | | | | 28 |
| 30 | 175 | 197 | 185 | 170 | 155 | 136 | 119 | 104 | 90.1 | | | | | 30 |
| 32 | | 180 | 175 | 165 | 151 | 133 | 118 | 103 | 88.0 | 75.4 | | | | 32 |
| 34 | | 155 | 170 | 158 | 147 | 129 | 115 | 101 | 87.4 | 74.2 | 64.2 | | | 34 |
| 36 | | 130 | 160 | 153 | 141 | 126 | 114 | 98.8 | 86.2 | 73.3 | 63.3 | 54.2 | 45.2 | 36 |
| 38 | | | 150 | 148 | 138 | 121 | 112 | 97.5 | 85.1 | 72.2 | 62.2 | 52.8 | 44.4 | 38 |
| 40 | | | 138 | 138 | 132 | 117 | 110 | 96.1 | 84.4 | 71.2 | 61.5 | 53.3 | 43.6 | 40 |
| 44 | | | | 120 | 118 | 111 | 98.1 | 92.2 | 82.2 | 68.9 | 60.4 | 52.4 | 42.1 | 44 |
| 48 | | | | 96.2 | 104 | 102 | 88.5 | 89.1 | 78.8 | 67.8 | 58.7 | 51.6 | 41.4 | 48 |
| 52 | | | | | 90.5 | 80.4 | 78.9 | 84.8 | 76.5 | 66.5 | 57.1 | 50.5 | 40.3 | 52 |
| 56 | | | | | | 78.9 | 70.3 | 77.5 | 73.4 | 65.4 | 55.4 | 48.5 | 38.5 | 56 |
| 60 | | | | | | | 63.2 | 69.1 | 67.4 | 63.2 | 54.3 | 47.4 | 37.4 | 60 |
| 64 | | | | | | | 61.5 | 63.0 | 61.1 | 60.0 | 53.2 | 46.6 | 36.1 | 64 |
| 68 | | | | | | | | 56.4 | 56.1 | 54.3 | 51.4 | 41.9 | 34.6 | 68 |
| 72 | | | | | | | | | 50.3 | 49.4 | 48.2 | 38.3 | 30.3 | 72 |
| 76 | | | | | | | | | 45.1 | 45.2 | 44.1 | 34.4 | 25.9 | 76 |
| 80 | | | | | | | | | | 40.9 | 39.3 | 30.2 | 23.6 | 80 |
| 84 | | | | | | | | | | | 35.9 | 27.2 | 20.2 | 84 |
| 88 | | | | | | | | | | | 32.8 | 24.4 | 17.5 | 88 |
| 92 | | | | | | | | | | | | 21.8 | 15.2 | 92 |
| 96 | | | | | | | | | | | | | 12.7 | 96 |
| 100 | | | | | | | | | | | | | 10.6 | 100 |

Load Chart of LJDB Configuration

| SCC7500A-LJDB Configuration 5/10 | | | | | | | | | | | | | | |
|---|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 66m, Boom to jib angle: 85°, Jib length: 24m~96m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 16 | 270 | | | | | | | | | | | | | 16 |
| 18 | 261 | 235 | | | | | | | | | | | | 18 |
| 20 | 250 | 230 | 208 | | | | | | | | | | | 20 |
| 22 | 235 | 215 | 199 | 180 | | | | | | | | | | 22 |
| 24 | 221 | 206 | 190 | 173 | 150 | | | | | | | | | 24 |
| 26 | 210 | 200 | 185 | 169 | 147 | 130 | | | | | | | | 26 |
| 28 | 200 | 188 | 175 | 161 | 143 | 128 | 112 | | | | | | | 28 |
| 30 | 182 | 178 | 168 | 155 | 140 | 124 | 110 | 98.6 | 85.4 | | | | | 30 |
| 32 | | 171 | 161 | 149 | 136 | 122 | 108 | 95.2 | 83.2 | 72.1 | | | | 32 |
| 34 | | 160 | 153 | 140 | 132 | 120 | 107 | 93.1 | 82.1 | 70.8 | 61.3 | | | 34 |
| 36 | | 135 | 146 | 138 | 128 | 117 | 106 | 92.3 | 79.8 | 69.5 | 60.5 | 51.1 | | 36 |
| 38 | | | 138 | 132 | 124 | 114 | 104 | 90.2 | 78.2 | 68.4 | 59.2 | 50.6 | 42.4 | 38 |
| 40 | | | 129 | 126 | 119 | 111 | 102 | 89.4 | 77.6 | 67.1 | 58.3 | 49.3 | 41.3 | 40 |
| 44 | | | | 110 | 107 | 104 | 98.4 | 84.8 | 75.4 | 66.6 | 57.1 | 48.2 | 40.2 | 44 |
| 48 | | | | 94.8 | 94.3 | 92.1 | 89.3 | 82.2 | 73.2 | 64.3 | 55.6 | 47.4 | 39.4 | 48 |
| 52 | | | | | 82.8 | 81.9 | 79.9 | 78.2 | 68.3 | 62.2 | 53.5 | 46.4 | 38.5 | 52 |
| 56 | | | | | | 72.8 | 71.2 | 70.4 | 65.9 | 61.5 | 51.8 | 45.7 | 36.6 | 56 |
| 60 | | | | | | | 65.1 | 63.8 | 62.5 | 61.5 | 59.3 | 50.6 | 44.6 | 60 |
| 64 | | | | | | | | 57.1 | 56.8 | 55.5 | 54.4 | 49.4 | 43.5 | 64 |
| 68 | | | | | | | | | 51.4 | 50.6 | 48.8 | 47.3 | 42.2 | 68 |
| 72 | | | | | | | | | | 45.4 | 45.3 | 43.3 | 37.8 | 72 |
| 76 | | | | | | | | | | | 40.9 | 40.5 | 39.9 | 76 |
| 80 | | | | | | | | | | | | 37.3 | 36.5 | 80 |
| 84 | | | | | | | | | | | | | 32.8 | 84 |
| 88 | | | | | | | | | | | | | | 88 |
| 92 | | | | | | | | | | | | | | 92 |
| 96 | | | | | | | | | | | | | | 96 |
| 100 | | | | | | | | | | | | | | 100 |

Unit: t

Load Chart of LJDB Configuration

| SCC7500A-LJDB Configuration 6/10 | | | | | | | | | | | | | | |
|---|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 72m, Boom to jib angle: 85°, Jib length: 24m~96m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 18 | 235 | 210 | | | | | | | | | | | | 18 |
| 20 | 222 | 200 | 180 | | | | | | | | | | | 20 |
| 22 | 212 | 193 | 175 | 159 | | | | | | | | | | 22 |
| 24 | 202 | 187 | 169 | 155 | 137 | 119 | | | | | | | | 24 |
| 26 | 192 | 180 | 163 | 147 | 136 | 117 | 104 | | | | | | | 26 |
| 28 | 183 | 171 | 158 | 143 | 130 | 115 | 102 | 92.6 | | | | | | 28 |
| 30 | 175 | 165 | 152 | 139 | 127 | 113 | 100 | 89.5 | 79.6 | | | | | 30 |
| 32 | | 155 | 145 | 135 | 122 | 110 | 99.4 | 88.4 | 77.5 | 67.2 | 58.8 | | | 32 |
| 34 | | 148 | 139 | 129 | 118 | 107 | 97.2 | 86.3 | 75.4 | 65.1 | 56.2 | 51.2 | | 34 |
| 36 | | 142 | 135 | 125 | 115 | 104 | 95.2 | 85.7 | 74.3 | 64.3 | 55.3 | 48.9 | 43.8 | 36 |
| 38 | | | 128 | 121 | 111 | 101 | 92.5 | 82.9 | 73.2 | 63.5 | 54.3 | 47.5 | 41.4 | 38 |
| 40 | | | 119 | 116 | 108 | 98.5 | 90.3 | 81.7 | 72.5 | 62.4 | 52.9 | 46.1 | 40.2 | 40 |
| 44 | | | | 102 | 98.8 | 93.4 | 85.5 | 78.5 | 70.1 | 61.3 | 52.1 | 45.4 | 38.8 | 44 |
| 48 | | | | 88.9 | 87.1 | 85.2 | 82.2 | 75.6 | 66.7 | 59.9 | 50.8 | 44.3 | 37.5 | 48 |
| 52 | | | | | 77.2 | 76.2 | 74.1 | 71.4 | 63.6 | 58.5 | 49.6 | 43.2 | 35.4 | 52 |
| 56 | | | | | | 67.2 | 66.3 | 65.1 | 61.4 | 56.5 | 48.8 | 42.1 | 34.3 | 56 |
| 60 | | | | | | 59.8 | 59.2 | 58.4 | 55.9 | 54.3 | 47.5 | 41.2 | 33.2 | 60 |
| 64 | | | | | | | 52.4 | 51.9 | 50.7 | 49.8 | 45.6 | 40.4 | 32.4 | 64 |
| 68 | | | | | | | | 47.3 | 46.4 | 44.9 | 42.3 | 39.2 | 31.4 | 68 |
| 72 | | | | | | | | 41.6 | 41.5 | 41.5 | 40.2 | 38.2 | 30.2 | 72 |
| 76 | | | | | | | | | 38.1 | 37.2 | 36.3 | 35.2 | 27.3 | 76 |
| 80 | | | | | | | | | | 34.3 | 33.2 | 31.5 | 24.1 | 80 |
| 84 | | | | | | | | | | | 31.0 | 30.2 | 28.2 | 84 |
| 88 | | | | | | | | | | | | 27.5 | 25.3 | 88 |
| 92 | | | | | | | | | | | | | 22.5 | 92 |
| 96 | | | | | | | | | | | | | | 96 |
| 100 | | | | | | | | | | | | | | 100 |

Load Chart of LJDB Configuration

| SCC7500A-LJDB Configuration 7/10 | | | | | | | | | | | | | | |
|---|-----|-----|------|------|------|------|------|------|------|------|------|------|------|---------------|
| Boom length: 78m, Boom to jib angle: 85°, Jib length: 24m~96m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 18 | 205 | | | | | | | | | | | | | 18 |
| 20 | 193 | 173 | 151 | | | | | | | | | | | 20 |
| 22 | 185 | 165 | 148 | 131 | | | | | | | | | | 22 |
| 24 | 176 | 159 | 143 | 129 | 115 | | | | | | | | | 24 |
| 26 | 169 | 153 | 138 | 125 | 113 | 103 | 90.5 | | | | | | | 26 |
| 28 | 162 | 147 | 133 | 121 | 110 | 100 | 87.9 | 78.5 | | | | | | 28 |
| 30 | 156 | 142 | 129 | 118 | 106 | 97.5 | 86.5 | 76.4 | 69.5 | | | | | 30 |
| 32 | 153 | 136 | 124 | 114 | 103 | 94.8 | 85.3 | 75.2 | 66.3 | 60.4 | | | | 32 |
| 34 | | 133 | 120 | 110 | 100 | 92.6 | 84.1 | 73.6 | 65.2 | 58.1 | 52.5 | 45.4 | | 34 |
| 36 | | 129 | 115 | 107 | 97.5 | 90.2 | 83.2 | 71.2 | 63.4 | 56.3 | 50.2 | 43.2 | 37.5 | 36 |
| 38 | | 120 | 112 | 102 | 94.1 | 87.1 | 80.4 | 69.9 | 62.2 | 55.2 | 48.2 | 42.1 | 35.4 | 38 |
| 40 | | | 109 | 100 | 91.2 | 84.2 | 78.7 | 68.7 | 60.5 | 54.1 | 47.3 | 41.3 | 34.2 | 40 |
| 44 | | | 95.8 | 93.2 | 85.4 | 81.3 | 76.2 | 65.1 | 59.6 | 53.6 | 45.3 | 40.5 | 34.1 | 44 |
| 48 | | | | 82.1 | 78.9 | 75.8 | 72.1 | 63.2 | 58.5 | 51.2 | 44.2 | 39.1 | 34.1 | 48 |
| 52 | | | | | 69.8 | 69.1 | 67.6 | 60.5 | 56.2 | 49.1 | 42.1 | 38.3 | 33.2 | 52 |
| 56 | | | | | | 62.1 | 60.2 | 57.3 | 53.4 | 47.5 | 41.2 | 36.2 | 32.2 | 56 |
| 60 | | | | | | 55.2 | 54.1 | 53.2 | 50.2 | 44.3 | 38.9 | 35.5 | 31.4 | 60 |
| 64 | | | | | | | 49.0 | 48.0 | 46.1 | 42.5 | 37.2 | 34.4 | 30.5 | 64 |
| 68 | | | | | | | | 43.2 | 42.3 | 41.2 | 36.2 | 31.3 | 29.2 | 68 |
| 72 | | | | | | | | 39.3 | 38.5 | 37.1 | 35.4 | 30.5 | 28.1 | 72 |
| 76 | | | | | | | | | 34.2 | 33.8 | 32.7 | 28.3 | 27.2 | 76 |
| 80 | | | | | | | | | | 31.1 | 30.1 | 27.2 | 24.3 | 80 |
| 84 | | | | | | | | | | 28.2 | 26.8 | 26.4 | 21.2 | 84 |
| 88 | | | | | | | | | | | 24.7 | 24.3 | 18.5 | 88 |
| 92 | | | | | | | | | | | | 22.2 | 16.0 | 92 |
| 96 | | | | | | | | | | | | 20.1 | 13.3 | 96 |
| 100 | | | | | | | | | | | | | 11.4 | 100 |

Unit: t

Load Chart of LJDB Configuration

| SCC7500A-LJDB Configuration 8/10 | | | | | | | | | | | | | | |
|---|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 84m, Boom to jib angle: 85°, Jib length: 24m~96m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 18 | 190 | | | | | | | | | | | | | 18 |
| 20 | 180 | 157 | | | | | | | | | | | | 20 |
| 22 | 170 | 152 | 140 | 123 | | | | | | | | | | 22 |
| 24 | 163 | 147 | 138 | 121 | 110 | | | | | | | | | 24 |
| 26 | 155 | 142 | 133 | 117 | 106 | 95.8 | | | | | | | | 26 |
| 28 | 145 | 137 | 130 | 114 | 103 | 92.2 | 82.5 | 73.7 | | | | | | 28 |
| 30 | 141 | 132 | 126 | 110 | 100 | 90.4 | 80.4 | 71.4 | 63.8 | | | | | 30 |
| 32 | 138 | 126 | 121 | 107 | 98.5 | 88.6 | 78.6 | 70.3 | 62.7 | 55.6 | | | | 32 |
| 34 | | 121 | 117 | 104 | 94.4 | 86.2 | 76.5 | 68.5 | 60.4 | 53.1 | 46.3 | | | 34 |
| 36 | | 116 | 113 | 100 | 91.5 | 84.1 | 74.2 | 67.6 | 59.2 | 52.1 | 45.2 | 40.1 | 33.7 | 36 |
| 38 | | 113 | 109 | 95.8 | 88.6 | 82.1 | 73.3 | 66.5 | 58.3 | 51.3 | 44.1 | 38.9 | 32.2 | 38 |
| 40 | | | 102 | 94.4 | 86.2 | 80.6 | 71.5 | 65.4 | 57.1 | 50.4 | 43.5 | 38.1 | 31.4 | 40 |
| 44 | | | 89.9 | 86.3 | 80.7 | 74.8 | 68.5 | 63.2 | 55.7 | 49.2 | 42.2 | 37.2 | 30.3 | 44 |
| 48 | | | | 76.8 | 74.3 | 70.4 | 64.4 | 60.4 | 53.6 | 48.4 | 41.2 | 36.4 | 29.1 | 48 |
| 52 | | | | | 66.1 | 64.3 | 60.9 | 58.6 | 50.2 | 47.3 | 40.4 | 35.3 | 28.2 | 52 |
| 56 | | | | | 58.9 | 57.1 | 56.1 | 53.5 | 49.3 | 45.4 | 38.9 | 34.1 | 27.5 | 56 |
| 60 | | | | | | 51.3 | 50.1 | 49.4 | 47.4 | 43.2 | 38.2 | 32.7 | 26.1 | 60 |
| 64 | | | | | | | 45.2 | 44.4 | 43.2 | 40.8 | 37.1 | 31.2 | 25.4 | 64 |
| 68 | | | | | | | | 40.2 | 39.0 | 38.0 | 35.4 | 30.5 | 25.3 | 68 |
| 72 | | | | | | | | 35.8 | 35.1 | 34.5 | 33.3 | 29.4 | 24.4 | 72 |
| 76 | | | | | | | | | 32.2 | 31.1 | 30.3 | 28.2 | 23.5 | 76 |
| 80 | | | | | | | | | | 28.7 | 27.7 | 26.6 | 22.2 | 80 |
| 84 | | | | | | | | | | | 25.8 | 24.7 | 24.3 | 84 |
| 88 | | | | | | | | | | | | 22.3 | 21.8 | 88 |
| 92 | | | | | | | | | | | | | 20.1 | 92 |
| 96 | | | | | | | | | | | | | 18.5 | 96 |
| 100 | | | | | | | | | | | | | | 100 |

Load Chart of LJDB Configuration

| SCC7500A-LJDB Configuration 9/10 | | | | | | | | | | | | | | |
|---|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 90m, Boom to jib angle: 85°, Jib length: 24m~96m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 18 | 165 | | | | | | | | | | | | | 18 |
| 20 | 162 | 140 | | | | | | | | | | | | 20 |
| 22 | 155 | 138 | 128 | | | | | | | | | | | 22 |
| 24 | 149 | 135 | 123 | 110 | 97.8 | | | | | | | | | 24 |
| 26 | 143 | 130 | 120 | 107 | 95.5 | 83.6 | | | | | | | | 26 |
| 28 | 138 | 126 | 115 | 104 | 93.4 | 82.4 | 73.9 | | | | | | | 28 |
| 30 | 131 | 121 | 112 | 103 | 91.2 | 81.1 | 72.5 | 64.6 | | | | | | 30 |
| 32 | 126 | 116 | 108 | 100 | 89.6 | 80.2 | 71.4 | 63.4 | 55.8 | 49.5 | | | | 32 |
| 34 | | 113 | 103 | 97.5 | 87.2 | 78.5 | 70.3 | 62.5 | 54.6 | 48.4 | 43.5 | | | 34 |
| 36 | | 108 | 100 | 94.3 | 84.4 | 77.2 | 69.5 | 61.7 | 53.2 | 47.6 | 42.1 | 36.7 | | 36 |
| 38 | | 105 | 98.5 | 90.9 | 82.6 | 75.6 | 67.7 | 60.2 | 52.5 | 46.2 | 41.6 | 35.8 | 30.5 | 38 |
| 40 | | | 93.1 | 87.8 | 79.5 | 73.4 | 65.6 | 59.3 | 51.4 | 45.1 | 40.4 | 34.5 | 29.4 | 40 |
| 44 | | | 81.9 | 79.2 | 75.4 | 70.1 | 62.3 | 57.8 | 50.2 | 44.2 | 39.5 | 33.2 | 28.2 | 44 |
| 48 | | | | 70.2 | 67.7 | 65.2 | 60.1 | 55.2 | 49.4 | 43.4 | 38.6 | 32.4 | 27.3 | 48 |
| 52 | | | | | 60.5 | 57.8 | 56.2 | 52.4 | 47.6 | 41.1 | 37.2 | 31.3 | 26.5 | 52 |
| 56 | | | | | 54.4 | 52.2 | 51.1 | 48.9 | 45.4 | 39.4 | 35.1 | 30.5 | 25.4 | 56 |
| 60 | | | | | | 47.1 | 45.2 | 44.6 | 42.9 | 36.5 | 33.4 | 29.4 | 24.1 | 60 |
| 64 | | | | | | | 41.4 | 40.3 | 39.0 | 35.2 | 31.4 | 28.2 | 24.1 | 64 |
| 68 | | | | | | | 36.8 | 35.7 | 35.4 | 33.2 | 30.2 | 27.6 | 23.2 | 68 |
| 72 | | | | | | | | 33.1 | 32.3 | 31.2 | 29.2 | 26.5 | 22.4 | 72 |
| 76 | | | | | | | | | 29.1 | 28.3 | 27.2 | 25.4 | 22.4 | 76 |
| 80 | | | | | | | | | | 25.4 | 24.4 | 23.2 | 21.3 | 80 |
| 84 | | | | | | | | | | 23.3 | 22.6 | 21.4 | 20.2 | 84 |
| 88 | | | | | | | | | | | 20.2 | 19.2 | 18.1 | 88 |
| 92 | | | | | | | | | | | | 18.1 | 16.1 | 92 |
| 96 | | | | | | | | | | | | 16.1 | 13.7 | 96 |
| 100 | | | | | | | | | | | | | 11.5 | 100 |

Unit: t

Load Chart of LJDB Configuration

| SCC7500A-LJDB Configuration 10/10 | | | | | | | | | | | | | | |
|---|-----|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 96m, Boom to jib angle: 85°, Jib length: 24m~96m, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t | | | | | | | | | | | | | | |
| Radius (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | Radius (m) |
| 20 | 150 | 130 | | | | | | | | | | | | 20 |
| 22 | 140 | 125 | 110 | | | | | | | | | | | 22 |
| 24 | 133 | 120 | 107 | 95.7 | | | | | | | | | | 24 |
| 26 | 129 | 115 | 105 | 93.2 | 85.6 | 73.4 | | | | | | | | 26 |
| 28 | 122 | 110 | 100 | 91.4 | 83.3 | 72.6 | 64.7 | | | | | | | 28 |
| 30 | 115 | 106 | 98.5 | 89.5 | 80.5 | 71.5 | 63.6 | 57.6 | | | | | | 30 |
| 32 | 113 | 103 | 95.4 | 85.4 | 78.1 | 70.2 | 62.5 | 56.2 | 49.9 | | | | | 32 |
| 34 | 110 | 100 | 91.7 | 83.3 | 75.6 | 69.6 | 61.2 | 55.1 | 48.2 | 43.6 | 37.7 | | | 34 |
| 36 | | 95.4 | 89.2 | 81.2 | 73.4 | 68.5 | 60.6 | 54.3 | 47.5 | 42.4 | 36.5 | 32.6 | | 36 |
| 38 | | 91.1 | 83.2 | 77.9 | 70.1 | 67.2 | 59.4 | 53.7 | 46.1 | 41.2 | 35.6 | 31.5 | 25.6 | 38 |
| 40 | | | 81.4 | 76.4 | 69.7 | 65.1 | 58.3 | 52.2 | 45.2 | 40.2 | 34.2 | 30.4 | 25.4 | 40 |
| 44 | | | 76.4 | 71.6 | 65.5 | 61.3 | 57.2 | 50.5 | 44.4 | 39.4 | 33.4 | 29.2 | 24.8 | 44 |
| 48 | | | | 65.8 | 62.2 | 58.2 | 55.4 | 48.6 | 42.2 | 38.6 | 32.5 | 28.3 | 24.3 | 48 |
| 52 | | | | | 56.4 | 55.0 | 51.2 | 46.4 | 41.3 | 36.5 | 31.5 | 27.4 | 23.2 | 52 |
| 56 | | | | | 50.9 | 49.2 | 47.4 | 43.3 | 37.8 | 35.1 | 30.4 | 26.1 | 22.5 | 56 |
| 60 | | | | | | 44.2 | 42.7 | 41.5 | 36.2 | 33.7 | 29.1 | 25.4 | 21.1 | 60 |
| 64 | | | | | | | 37.9 | 37.4 | 34.3 | 32.6 | 28.7 | 23.9 | 20.3 | 64 |
| 68 | | | | | | | 35.0 | 34.1 | 32.7 | 30.5 | 27.6 | 22.8 | 19.5 | 68 |
| 72 | | | | | | | | 31.1 | 29.2 | 28.2 | 26.5 | 22.1 | 18.1 | 72 |
| 76 | | | | | | | | | 27.0 | 26.1 | 24.3 | 21.2 | 17.3 | 76 |
| 80 | | | | | | | | | 23.9 | 23.7 | 22.1 | 20.3 | 16.2 | 80 |
| 84 | | | | | | | | | | 21.8 | 20.2 | 19.1 | 15.4 | 84 |
| 88 | | | | | | | | | | | 18.1 | 17.8 | 14.7 | 88 |
| 92 | | | | | | | | | | | | 16.2 | 13.2 | 92 |
| 96 | | | | | | | | | | | | | 15.0 | 96 |
| 100 | | | | | | | | | | | | | | 100 |



Zhejiang Sany Equipment Co.,LTD

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

Reminder:

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice.
The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail.
Copyright at SANY. No part of this brochure may be copied or used for any purpose without written approval from SANY.

© Edited in April 2023

