



# SCE1500TB

## Telescopic Boom Crawler Crane

Quality Changes the World



**Max. Lifting Capacity: 150t**  
**Max. Boom Length: 59.9m**  
**Max. Boom + Jib Length: 59.9m+15.5m**

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.



## Telescopic Boom Crawler Crane SCE1500TB

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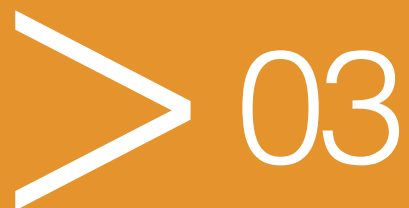
- (H) Main Boom Operating Conditions
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**SCE1500TB  
TELESCOPIC BOOM CRAWLER CRANE  
150 TONS LIFTING CAPACITY**

## Main Features

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## Product Specification



### Engine

- Model: Cummins L9-C325, Stage V.
- Type: 4-stroke, water-cooled, vertical in-line 6 cylinder, direct injection, turbo-charger, intercooler.
- Displacement: 8.9L.
- Rated power: 242kW/1800rpm.
- Operation power: 242kW/1800rpm.
- Max. torque: 1527N.m/1500rpm.
- Cooling system: Temperature-adjustable, pressurized water cycle system.
- Starter: 24V-5.0kW.
- Radiator: Fin type aluminum plate core.
- Air cleaner: Dry type main filter element, safety element core 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: 400L.

### Electrical Control System

- Self-developed SYIC-III 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 level, engine oil pressure, servo pressure, engine working hours, lifting conditions and boom angle.

### Hydraulic System

- Main pump: Adopt open piston pump with large variable displacement.
- Swing pump: Variable close piston pump for swing.
- Control: The main piston pump of variable displacement, winch piston motor of limitless variable displacement, control system of hydraulic positive flow.
- Way of cooling: Heat exchanger, fan core and multi-stage cooling.
- Filter: Large flow, high accuracy filter, with bypass valve and indicator, which can remind the user to replace the filter element in time.
- Max. pressure of system:  
Main load, aux. load, and travel system: 32MPa.  
Boom hoist cylinder lifting: 32MPa.  
Swing system: 24MPa.  
Control system: 4.5MPa.
- Hydraulic tank capacity: 1000L.

### Main and Aux. Hoist Winch

- Pump and motor: Dual-placement speed controlled energyefficient, combination of winch balance valve and anti-hook sliding technology, lifting or lowering the load steadily.
- Winch brake adopts concealed, normally closed, wet type and spring loaded fin type normally engaged brake, spring force braking, oil pressure released.
- Branded rotation resistant high-strength steel wire ropes.
- Main and aux. load hoist winches adopt piston motor of fixed displacement to drive planetary reducer.

Main Hoisting Winch	Rope speed on the outermost work layer	0~136m/min
	Wire rope diameter	Φ22mm
	Wire rope length of main hoist	280m
	Rated single line pull	9.5t
Auxiliary Hoisting Winch	Rope speed on the outermost work layer	0~136m/min
	Wire rope diameter	Φ22mm
	Wire rope length of auxiliary hoist	190m
	Rated single line pull	9.5t

### Boom Hoist

- Double acting single piston rod hydraulic cylinder, fitted with safety balance valve, luffing angle: -2.1°~81.5°, adopting passive luffing down system to reduce the energy consumption and improve the steadiness of luffing operation.

### Swing Mechanism

- Swing brake adopts concealed, normally closed, wet type and spring loaded fin type normally engaged brake, spring force braking oil pressure released.
- With integrated cushion valve, the swing system has free slip function to realize steady swing start and control, showing outstanding microinching performance.
- Unique swing cushion design ensures more stable braking.
- Swing drive: External gearing swing drive, capable of conducting 360° rotation, maximum rotation speed 1.5r/min. The maximum driving pressure can reach 24MPa.
- Branded motor reducer, more reliable.
- Swing lockout: Locking device, to ensure that the superstructure can be locked in front and rear directions conveniently and reliably during off-work time and transportation.
- Swing bearing: Single row ball bearing.



## Product Specification



### Counterweight

- Self-assembled counterweight: Tray 10t×1, rear counterweight A 8t×2, and rear counterweight B 2.5t×4.
- Carbody counterweight: 5t×2 at the front and rear of carbody.

### Upperworks

- High-strength steel weld framework. Design allows for easy maintenance and service.

### Cab and Control

- New operator's cab with fashionable profile, nice interior and large window glass. There are low and high-beam lights, left side rear view swing 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: Dual 10.1-inch touch screen, programmable smart switches, and improved touch screen interference.
- 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 be displayed on the monitor at the same time to realize backing video, real-time monitoring of wire rope on each winch, conditions behind the counterweight and surrounding the machine.

### Traveling Drive

- Independent traveling drive device is adopted for each side of crawler frame, so as to realize straight travel, turning through reducer and drive wheel by travel motor.
- Traveling speed: The traveling can be switched between high speed and low speed, and the high speed can be up to 2km/h.
- Gradeability: 30%.

### Traveling Braking

- Concealed wet type and spring loaded fin type normally engaged brake, spring force braking, oil pressure released.

### Side Frame Extension and Retraction

- Pressure of 25MPa by aux. system pushes the cylinder to realize the extension and retracting of the side frames. The side frames are extended at work and retracted for transport with the whole basic machine.

### Crawler Tensioning

- Use the jack to push the guide wheel and insert the shim to adjust crawler tension.

### Steering System

- It can realize single track turning and pivot turning.

### Track Shoe

- High-strength alloy cast steel track pad can prolong the service life. Width 950mm.

### Track Roller

- Maintenance-free track roller.

### Outrigger

- Outrigger cylinder is offered to facilitate the side frame disassembly during jobsite transfer.

## Product Specification



### Boom

- The boom is made of high-strength steel structure with U-shape profile, with six sections, of which the basic boom is 12.92m and the max. boom length is 59.9m.
- Full power with single cylinder and plug for telescoping.

### Fly Jib

- Bi-fold fly jib length of 9.4m and 15.5m.
- Offset angle includes 0°, 15° and 30°.

### Heavy Duty Jib

- Heavy duty jib length of 3m.
- Offset angle includes 30°, 45°.

### Boom Tip Pulley

- Welding structure, connected with the boom through pin, and used for auxiliary hook operation.

### Hook Block

Name	Capacity	No. of Sheaves	Weight	Notes
1	130t	7	2.39t	Optional
2	100t	5	1.24t	Optional
3	80t	5	1.04t	Optional
4	30t	1	0.43t	Optional
5	12.5t	0	0.45t	Optional

#### Main (Front) and Auxiliary (Rear) Winches - 22mm Rope

	Maximum Line Pull	Normal Line Speed	High Line Speed	Layer	Total
Layer	kg	m/min	m/min	m	m
1	11502	73.5	112.3	63.8	63.8
2	10720.9	78.8	120.5	68.4	132.2
3	10039.2	84.2	128.7	73.1	205.3
4	9439	89.5	136.9	77.7	283.0

Wire Rope Application	Diameter	Type	Maximum Permissible Load
	mm		kg
Main (Front) Winch	22	35W×K7 rotation resistant-right lang lay (Type ZZ)	9480
Auxiliary (Rear) Winch	22	35W×K7 rotation resistant-right lang lay (Type ZZ)	9480

## Safety Device



### Load Moment Indicator (LMI)

- The integrated LMI system is provided as standard and high safety and efficiency for equipment control.
- Based on lifting mechanics modes, the LMI computing system enables the loading precision, by empty-load calibration, to 0-10% and protects loading operation all-around; The system alarms once over-loaded to ensure safety.
- LMI can automatically detect the load weight, work radius and boom angle, and present on the display the rated load, actual load, work radius and boom angle. In normal operation, the LMI can make a judgment and cut off automatically if the crane moves towards dangerous direction. It can also perform as a black box to record the lifting information.
- Composition: Monitor, controller, length and angle sensor, pressure sensor, etc.

### Assembly / Work Mode Control Switch

- In assembly mode, some safety devices are disabled for crane assembly.
- In work mode, all safety devices activate to protect the operation.

### Emergency Stop

- When this button is pressed down, power supply of whole machine is cut off and all actions stop.

### Over-hoist Protection of the Main / Auxiliary Hooks

- A2B limit switch is equipped on the boom/jib tip, which prevents the hook lifting up too much. When the hook is lifted up to the limit height, the limit switch activates, alarm pops up on the monitor, buzzer on the right front control panel sends alarm, failure indicator light starts to flash and the hook hoisting action is cut off automatically.

### Over-release Protection Device of the Main / Auxiliary Winch

- The 3rd-wrap indicator is installed on main and aux. load hoist to prevent over-release of wire rope. When the rope is paid out close to the last three wraps, the limit switch acts, and the system sends alarm through buzzer and show the alarm on the monitor, automatically cutting off the winch action.

## Safety Device



### Function Lock

- If the function lock level is not in work position, all the other handles won't work, which prevents any mis-operation caused by accidental collision.

### Swing Lock

- The electrical locking function is available. In case of unintentional joystick movement, the swing motion is not valid until pressing the lock release key on the touchscreen.

### Hook Latch

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

### Tri-color Load Indicator

- The load indicator light has three colors, i.e., green, yellow and red; and the real time load status is presented on the display. When the actual load is smaller than 90% of rated load, the green light is on; when the actual load is larger than 90% and smaller than 100%, the yellow light is on, the alarm light flashes and sends out continuous sirens; when the actual load reaches 100% of rated load, the red light is on, the alarm light flashes and sends out continuous sirens. At this moment, the system will automatically cut off the crane's dangerous operation.

### Flash Alarm

- When the LMI is powered on, the flash alarm will turn on.

### Swing Indicator Light

- The swing indicator light flashes during traveling or swing.

### Seat Interlock Protection

- If the operator leaves the seat, all control handles and switches will be disabled immediately to prevent any mis-operation due to accidental collision.

### Illuminating Light

- The machine is equipped with short-beam light in front of machine, lamps in operator's cab and lighting devices for night operation, as well as boom lights, so as to increase the visibility during work.

### Rear View Mirror

- It is installed at the front of the operator's cab, at the right handrail of the platform and near the winches.

### Level Indicator

- Electrical level indicator can show the inclination angle of superstructure on the monitor.

### Closed Circuit Monitoring System

- There are two cameras and illuminating lights on the tail of rotating bed, which can show the rear part and winches working on the machine.



**SCE1500TB**  
**TELESCOPIC BOOM CRAWLER CRANE**  
**150 TONS LIFTING CAPACITY**

## Technical Parameters

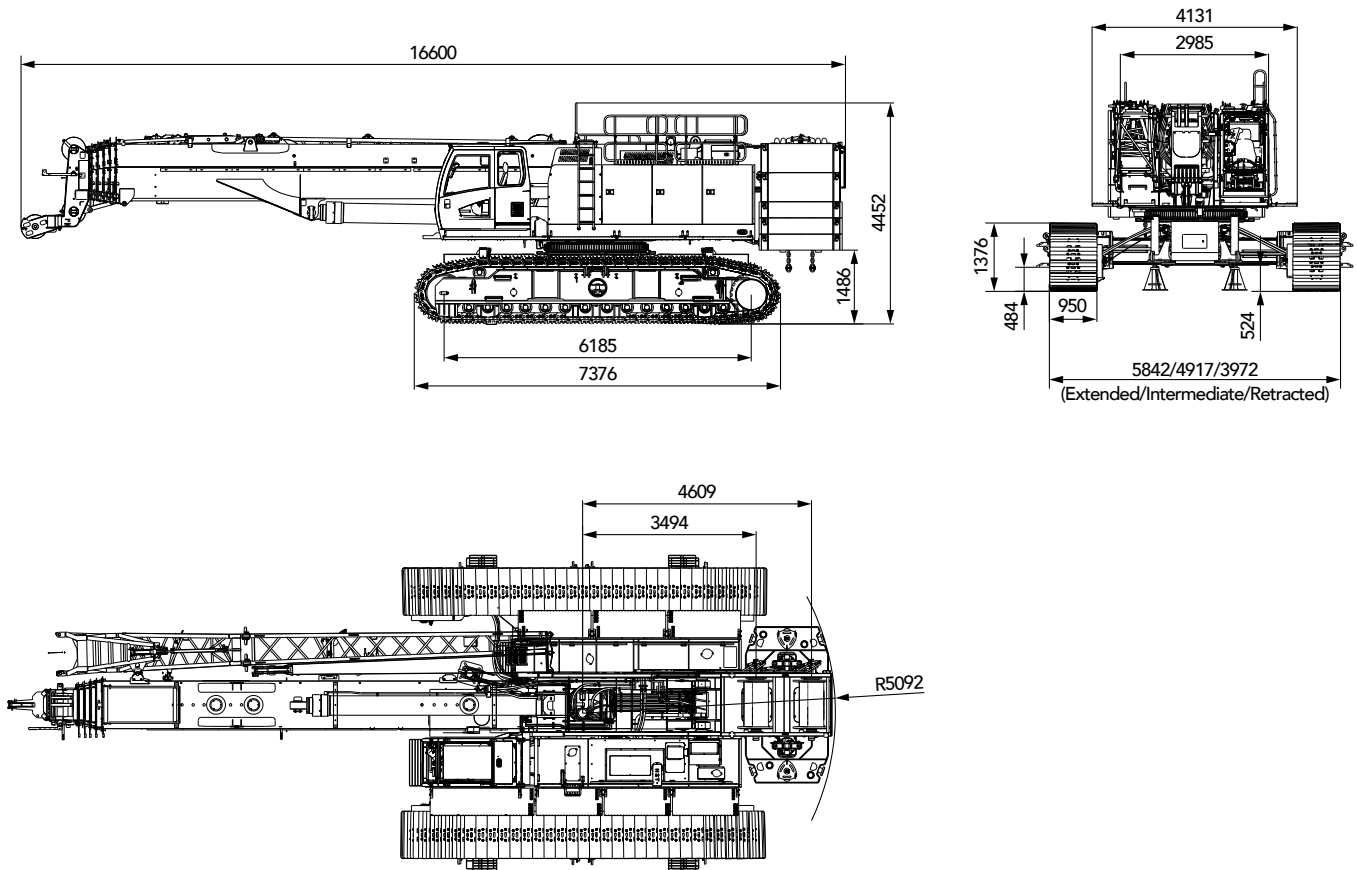
- Page 09 Main Performance Parameters
- Page 10 Dimensions
- Page 11 Transport Dimension
- Page 14 Transport Plan
- Page 17 Self-assembly Procedure



## Main Performance Parameters

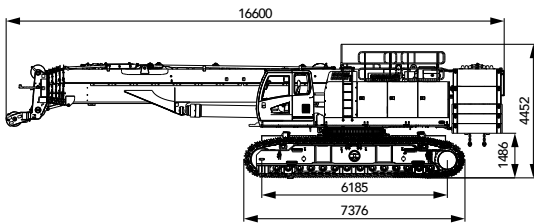
Main Performance Parameters of SCE1500TB			
Performance Indicators		Unit	Parameter
Outline Dimension	Length	mm	16600
	Width	mm	5842 (Extended) 4917 (Intermediate) 3972 (Retracted)
	Height	mm	4452
	Distance between the center of drive sprocket and idler	mm	6185
	Width of track shoe	mm	950
H	Max. rated lifting capacity	t	150
	Boom length	m	12.92~59.9
	Boom angle	°	-2.1~81.5
	Max. rated lifting moment	t·m	480
FJ	Longest main boom + longest jib	m	59.9+15.5
	Jib angle	°	0, 15, 30
FJh	Longest main boom + longest jib	m	59.9+3
	Jib angle	°	30, 45
Speed	Rope speed of main/aux. winch (the outermost work layer)	m/min	0~136
	Time to fully luffing up/down	s	90/90
	Slewing speed	rpm	0~1.5
	Travel speed	km/h	0~2
Wire Rope	Diameter	mm	Φ22
Engine	Model	/	L9-C325 242 kW stage V
	Rated power/speed	rpm	1800
Transport	Operating weight	t	124.4
	Basic machine weight	t	44.58
	Transportation dimension (L×W×H)	mm	16160×3390×3298
Other Parameters	Average ground pressure	Mpa	0.12
	Min. swing radius	mm	5092

## Dimensions



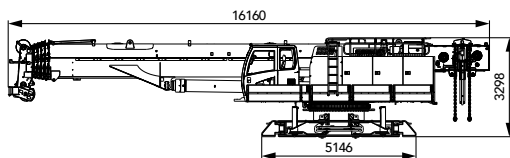


## Transport Dimension



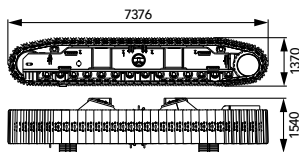
**Basic Machine (with side frame, main & aux. winches and wire ropes, fly jib and aux. lifting sheave and full counterweights)** ×1

Length (L)	16.16m
Width (W)	5.86m
Height (H)	4.45m
Weight	124.4t



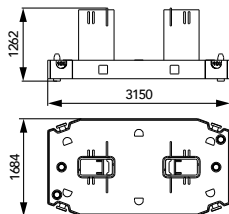
**Basic Machine (with main & aux. winches, wire rope and aux. lifting sheave, without fly jib)** ×1

Length (L)	16.16m
Width (W)	2.99m
Height (H)	3.29m
Weight	44.58t



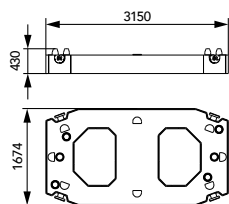
**Side Frame** ×2

Length (L)	7.38m
Width (W)	1.54m
Height (H)	1.37m
Weight	15.4t



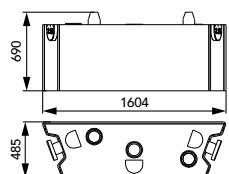
**Counterweight Tray** ×1

Length (L)	3.15m
Width (W)	1.68m
Height (H)	1.26m
Weight	10.0t



**Rear Counterweight A** ×2

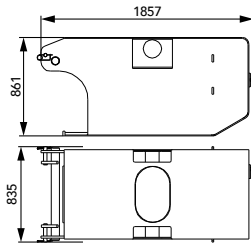
Length (L)	3.15m
Width (W)	1.67m
Height (H)	0.43m
Weight	8.0t



**Rear Counterweight B** ×4

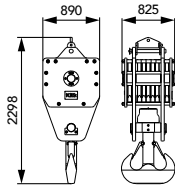
Length (L)	1.60m
Width (W)	0.49m
Height (H)	0.69m
Weight	2.5t

**Transport Dimension**



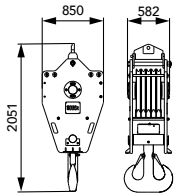
**Carbody Counterweight ×2**

Length (L)	1.86m
Width (W)	0.84m
Height (H)	0.86m
Weight	5.0t



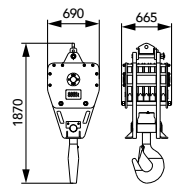
**130t Hook Block ×1**

Length (L)	0.89m
Width (W)	0.83m
Height (H)	2.30m
Weight	2.39t



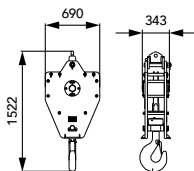
**100t Hook Block ×1**

Length (L)	0.85m
Width (W)	0.58m
Height (H)	2.05m
Weight	1.24t



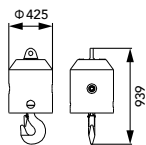
**80t Hook Block ×1**

Length (L)	0.69m
Width (W)	0.67m
Height (H)	1.87m
Weight	1.04t



**30t Hook Block ×1**

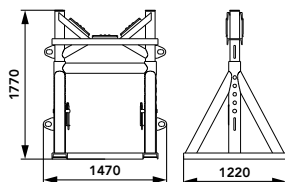
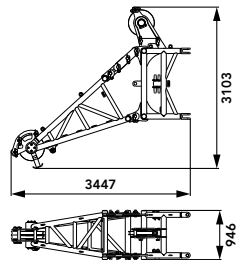
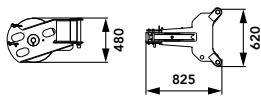
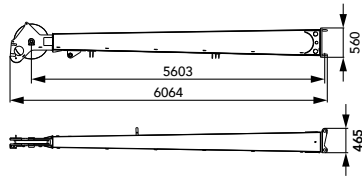
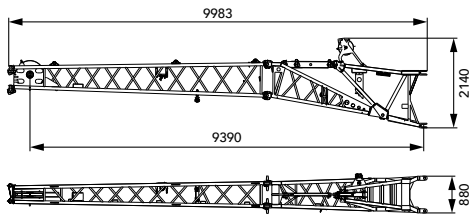
Length (L)	0.69m
Width (W)	0.34m
Height (H)	1.52m
Weight	0.42t



**12.5t Hook Ball ×1**

Length (L)	0.43m
Width (W)	0.43m
Height (H)	0.94m
Weight	0.44t

## Transport Dimension



### 9.98m Fly Jib Base

×1

Length (L)	9.98m
Width (W)	0.88m
Height (H)	2.14m
Weight	1.08t

### 6.1m Fly Jib Tip

×1

Length (L)	6.06m
Width (W)	0.47m
Height (H)	0.56m
Weight	0.42t

### Aux. Lifting Sheave

×1

Length (L)	0.83m
Width (W)	0.62m
Height (H)	0.48m
Weight	0.11t

### 3m Heavy Duty Jib

×1

Length (L)	3.45m
Width (W)	0.95m
Height (H)	3.10m
Weight	0.98t

### Boom Support Bracket

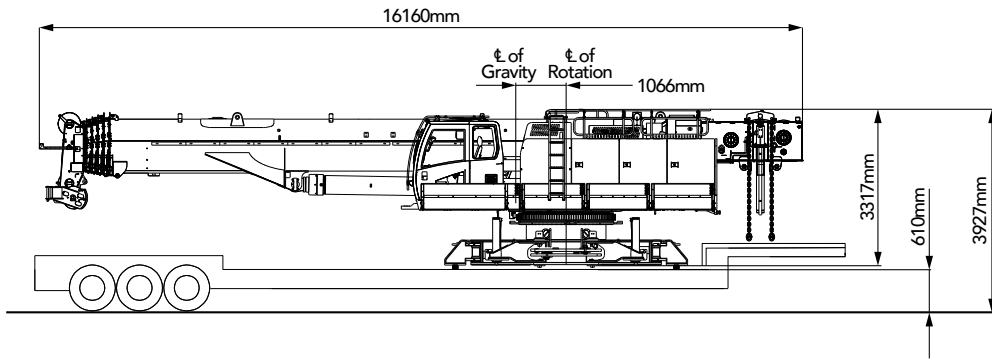
×1

Length (L)	1.47m
Width (W)	1.22m
Height (H)	1.77m
Weight	0.40t

## Transport Plan

### ■ Transport Dimensions:

Basic Machine (with main & aux. winches, wire rope and aux. lifting sheave, without fly jib): 44580kg

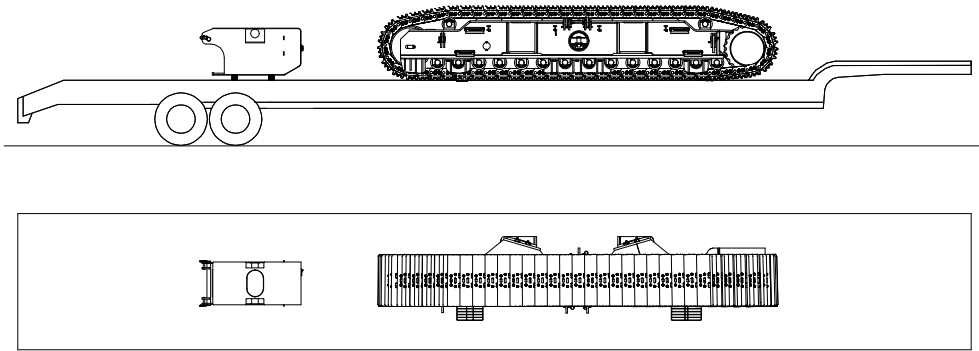


Item	Weight kg	Dimension m (LxWxH)	Trailer				
			1	2	3	4	5
Basic Machine (with 2 winches, boom, wire rope, aux. nose sheave )	44580	16.16x2.99x3.29	x				
Left Side Frame	15400	7.38x1.54x1.37		x			
Right Side Frame	15400	7.38x1.54x1.37			x		
Counterweight Tray	10000	3.15x1.68x1.26				x	
Rear Counterweight A - 1 Piece	8000	3.15x1.67x0.43					x
Rear Counterweight A - 1 Piece	8000	3.15x1.67x0.43					x
Rear Counterweight B - 1 Piece	2500	1.60x0.49x0.69				x	
Rear Counterweight B - 1 Piece	2500	1.60x0.49x0.69				x	
Rear Counterweight B - 1 Piece	2500	1.60x0.49x0.69				x	
Rear Counterweight B - 1 Piece	2500	1.60x0.49x0.69				x	
Carbody Counterweight - 1 Piece	5000	1.86x0.84x0.86		x			
Carbody Counterweight - 1 Piece	5000	1.86x0.84x0.86			x		
Bi-fold Fly Jib	1500	9.98x0.88x2.14					x
Heavy Duty Jib	980	3.45x0.95x3.10					x
Hook Block - 80t	1040	0.69x0.67x1.87					x
Hook Block - 12.5t	440	0.43x0.43x0.94					x
Total Net Weight On Trailer			44580	20400	20400	20000	19960

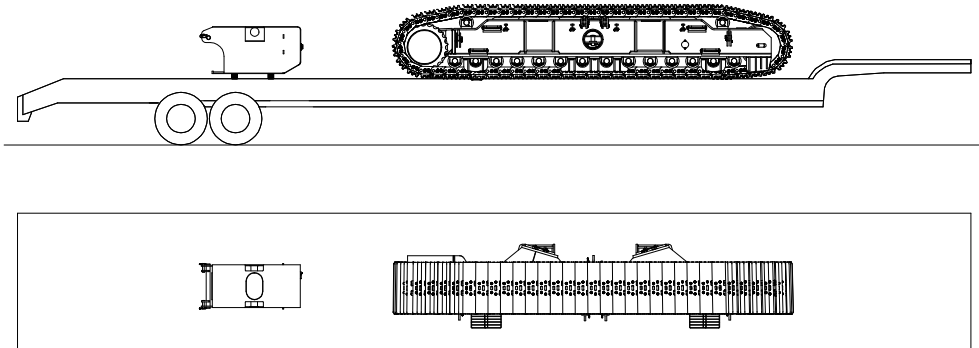
Notes: Estimated weights vary by ± 2%.

## Transport Plan

Left Side Frame + Carbody Counterweight: 20400kg

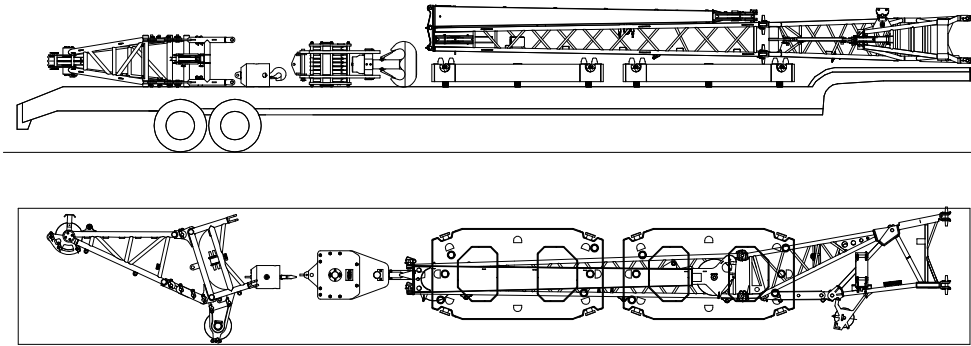


Right Side Frame + Carbody Counterweight: 20400kg

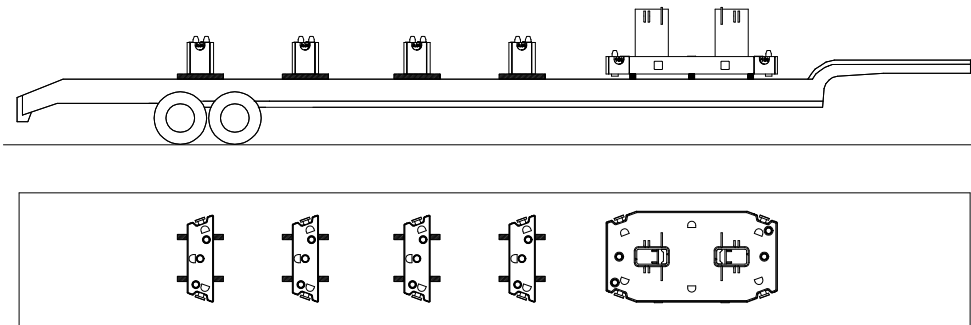


## Transport Plan

Rear Counterweight A×2 + Fly Jib + Hook Block + Hook Block + Heavy Duty Jib: 19600kg



Rear Counterweight Tray + Rear Counterweight B×4: 20000kg









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TELESCOPIC BOOM CRAWLER CRANE  
150 TONS LIFTING CAPACITY**

## Boom and Jib Combinations

- Page 20 (H) Main Boom Operating Conditions
- Page 28 (HC) Auxiliary Lifting Sheave Operating Conditions
- Page 37 (FJ) Fly Jib Operating Conditions
- Page 40 (FJh) Heavy Lift Jib Operating Conditions

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## Boom and Jib Combinations



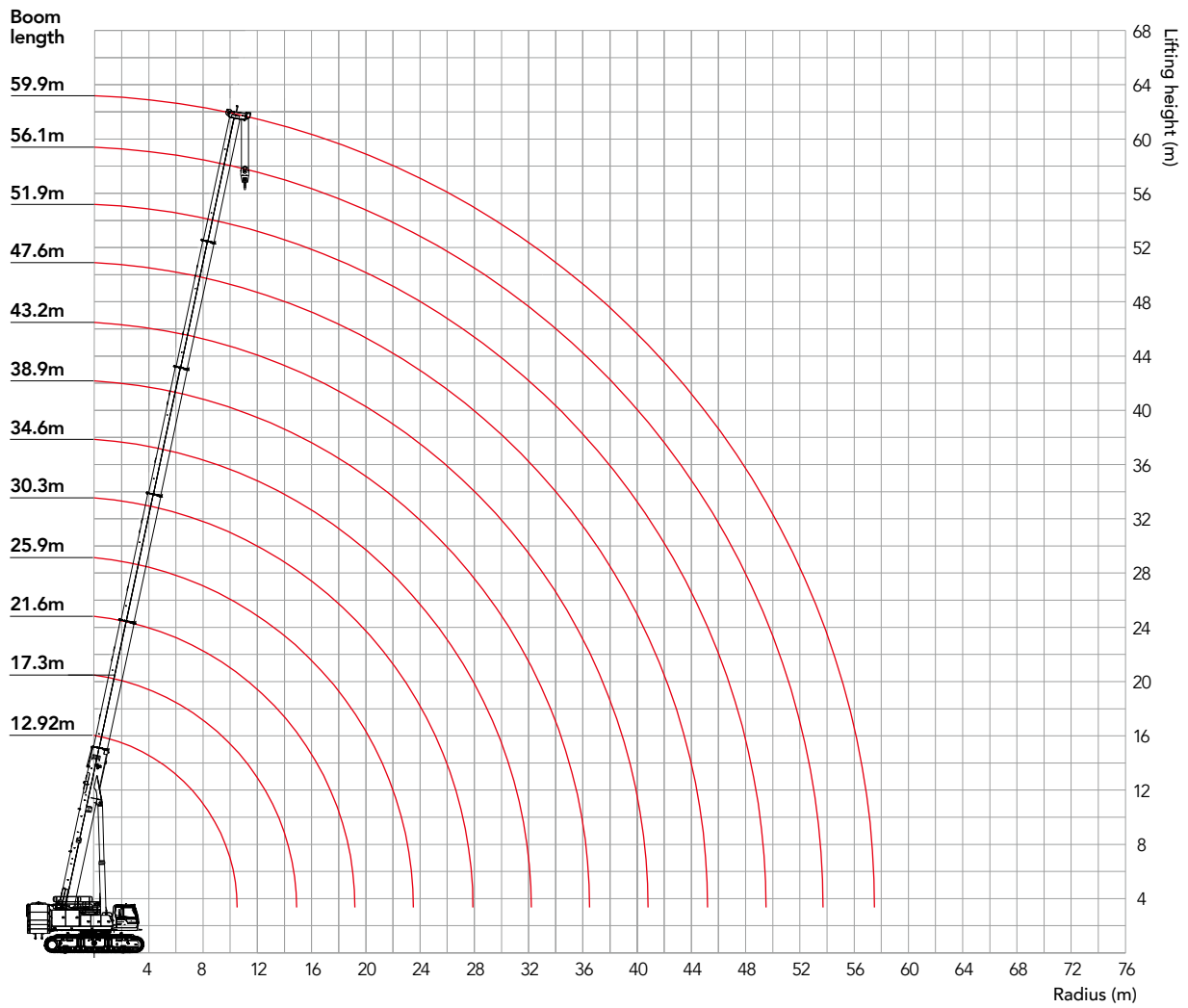
**H Configuration**  
(12.92m~59.9m)

**HC Configuration**  
(13.69m~60.68m)

**FJ Configuration**  
(59.9m+15.5m)

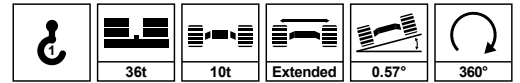
**FJh Configuration**  
(59.9m+3m)

## (H) Main Boom Range Diagram



### (H) Main Boom Load Chart

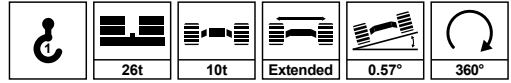
Unit: t



















m	Main Boom Length (m)												m
	12.92	17.26	21.61	25.94	30.26	34.54	38.87	43.22	47.55	51.88	56.14	59.9	
2.8	150												2.8
3	130	94.8											3
3.5	116.5	94.8	89.9										3.5
4	111.6	94.8	89.9										4
4.5	106.7	94.8	89.9	80.2									4.5
5	94.8	94.8	89.9	80.2	55								5
5.5	87.2	87.2	87.2	79.4	55								5.5
6	80	80	80	76.7	55	44							6
7	68.5	68.5	68.5	66	55	41.8	35.7						7
8	60	60	57.9	56	52.2	40.1	33.1	29.3					8
9	50.9	52	49.7	48.4	47.3	38.3	30.9	28	22.8				9
10	42.7	43.8	43.3	42.4	41.7	36.7	28.8	26.2	22.8	17.5			10
11		37.5	37.4	37.5	37.1	35.2	27	24.6	21.6	17.5	14.1		11
12		32.6	32.5	33.5	33.3	33.2	25.4	23.2	20.5	17.5	14.1	12.2	12
13		28.6	28.5	29.5	30.1	30.1	23.9	21.9	19.5	16.9	14.1	12.2	13
14		25.3	25.2	26.1	27.1	27.5	22.5	20.7	18.6	16.1	13.9	11.6	14
16			20.1	21	21.9	22.8	20.2	18.5	16.9	14.7	12.9	9.9	16
18			16.3	17.2	18.1	19	18.2	16.7	15.3	13.5	12.1	8.6	18
20				14.2	15.1	16	15.7	15.2	13.9	12.5	11.3	7.6	20
22				11.9	12.8	13.7	13.3	13.3	12.8	11.6	10.6	6.7	22
24					10.9	11.7	11.4	11.4	11.6	10.6	9.9	5.9	24
26					9.3	10.1	9.8	9.8	10	9.6	9.1	5.3	26
28						8.8	8.5	8.5	8.7	8.8	8.3	4.7	28
30						7.6	7.3	7.3	7.6	7.9	7.6	4.2	30
32						6.6	6.3	6.3	6.6	6.9	7	3.8	32
34							5.5	5.5	5.7	6	6.4	3.4	34
36							4.7	4.7	4.9	5.3	5.7	3.1	36
38								4	4.3	4.6	5	2.8	38
40								3.4	3.7	4	4.4	2.5	40
42									3.1	3.5	3.9	2.2	42
44									2.6	3	3.4	2	44
46										2.5	2.9	1.8	46
48										2.1	2.5	1.6	48
50											2.1	1.4	50
52											1.8	1.3	52
54												1.1	54
56												1	56
	16	10	10	9	6	5	4	3	3	2	2	2	
	2#	0	0	46	46	46	46	92	92	92	92	100	2#
	3#	0	46	46	46	46	46	46	92	92	92	100	3#
	4#	0	0	0	46	46	46	46	46	92	92	100	4#
	5#	0	0	0	0	46	46	46	46	46	92	100	5#
	6#	0	0	0	0	0	46	46	46	46	46	92	6#
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### (H) Main Boom Load Chart

Unit: t

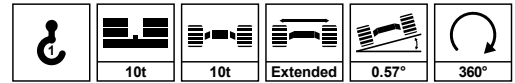


 m	Main Boom Length (m)												 m
	12.92	17.26	21.61	25.94	30.26	34.54	38.87	43.22	47.55	51.88	56.14	59.9	
3	94.8	94.8											3
3.5	94.8	94.8	89.9										3.5
4	94.8	94.8	89.9										4
4.5	94.8	94.8	89.9	80.2									4.5
5	94.8	89.7	80.4	74.4	55								5
5.5	87.2	79.4	71.7	66.8	55								5.5
6	77.7	71	64.5	60.6	55	44							6
7	60.3	58.2	53.4	50.7	48.6	41.8	35.7						7
8	48	48.4	45.2	43.4	41.9	40.1	33.1	29.3					8
9	39.3	39.9	38.9	37.6	36.6	35.9	30.9	28	22.8				9
10	32.9	33.6	33.2	33	32.4	31.9	28.8	26.2	22.8	17.5			10
11		28.7	28.4	29.1	28.8	28.6	26.9	24.6	21.6	17.5	14.1		11
12		24.9	24.6	25.3	25.9	25.8	24.3	23.2	20.5	17.5	14.1	12.2	12
13		21.8	21.5	22.2	23	23.4	22	21.2	19.5	16.9	14.1	12.2	13
14		19.2	18.9	19.6	20.4	21.2	20.1	19.4	18.6	16.1	13.9	11.6	14
16			14.9	15.6	16.4	17.2	16.7	16.3	16	14.7	12.9	9.9	16
18			11.9	12.7	13.4	14.2	13.8	13.7	13.6	13.5	12.1	8.6	18
20				10.3	11.1	11.9	11.5	11.4	11.6	11.8	11.3	7.6	20
22				8.5	9.3	10	9.6	9.6	9.8	10.1	10.4	6.7	22
24					7.8	8.5	8.1	8.1	8.3	8.6	8.9	5.9	24
26					6.5	7.3	6.9	6.9	7.1	7.4	7.7	5.3	26
28						6.2	5.8	5.8	6	6.3	6.7	4.7	28
30						5.3	4.9	4.9	5.1	5.4	5.8	4.2	30
32						4.5	4.2	4.1	4.3	4.6	5	3.8	32
34							3.5	3.5	3.6	3.9	4.3	3.4	34
36							2.9	2.9	3	3.3	3.7	3.1	36
38								2.3	2.5	2.8	3.2	2.8	38
40								1.9	2	2.3	2.7	2.5	40
42									1.6	1.9	2.3	2.2	42
44									1.2	1.5	1.9	1.9	44
46										1.2	1.5	1.6	46
48											1.2	1.2	48
 C <sub>n</sub>	10	10	10	8	6	5	4	3	3	2	2	2	 C <sub>n</sub>
 2#	0	0	46	46	46	46	92	92	92	92	92	100	 2#
 3#	0	46	46	46	46	46	46	46	92	92	92	100	 3#
 4#	0	0	0	46	46	46	46	46	92	92	92	100	 4#
 5#	0	0	0	0	46	46	46	46	46	92	92	100	 5#
 6#	0	0	0	0	0	46	46	46	46	46	92	100	 6#
 Min	0	0	0	0	0	0	0	0	0	10	10	10	 Min



### (H) Main Boom Load Chart

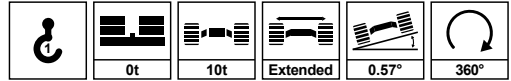
Unit: t










m	Main Boom Length (m)												m
	12.92	17.26	21.61	25.94	30.26	34.54	38.87	43.22	47.55	51.88	56.14	59.9	
3	94.8	94.8											3
3.5	94.8	94.8	89.6										3.5
4	94.8	87.3	76										4
4.5	84.2	74.4	65.7	60.3									4.5
5	72	64.6	57.6	53.4	50.1								5
5.5	62.6	56.8	51	47.8	45.2								5.5
6	55.2	50.5	45.7	43.1	41	39.4							6
7	42.8	41	37.4	35.7	34.4	33.4	30.9						7
8	33.5	34.1	31.2	30.1	29.4	28.8	26.7	25.3					8
9	27.1	27.8	26.5	25.8	25.4	25.1	23.3	22.2	21.4				9
10	22.3	23	22.7	22.4	22.2	22.1	20.6	19.6	18.9	17.5			10
11		19.4	19.1	19.6	19.5	19.6	18.2	17.4	16.9	16.6	14.1		11
12		16.5	16.3	17	17.3	17.5	16.3	15.6	15.2	14.9	14.1	12.2	12
13		14.2	13.9	14.7	15.4	15.7	14.6	14	13.6	13.5	13.5	12.2	13
14		12.2	12	12.8	13.6	14.2	13.1	12.6	12.3	12.2	12.3	11.6	14
16			9	9.8	10.6	11.3	10.7	10.3	10.1	10.1	10.2	9.9	16
18			6.8	7.5	8.3	9.1	8.7	8.4	8.3	8.4	8.6	8.4	18
20				5.8	6.6	7.3	7	6.9	6.9	7	7.2	7.1	20
22				4.4	5.2	6	5.6	5.6	5.7	5.9	6.1	6	22
24					4.1	4.8	4.5	4.4	4.6	4.9	5.2	5.1	24
26					3.1	3.9	3.5	3.5	3.7	4	4.3	4.3	26
28						3.1	2.7	2.7	2.9	3.2	3.6	3.5	28
30						2.4	2	2	2.2	2.5	2.9	2.9	30
32						1.8	1.5	1.5	1.6	1.9	2.3	2.4	32
34									1.1	1.4	1.8	1.8	34
36										1	1.3	1.4	36
38												1	38
40													40
	10	10	9	6	5	5	3	3	3	2	2	2	
	2#	0	0	46	46	46	46	92	92	92	92	100	2#
	3#	0	46	46	46	46	46	46	92	92	92	100	3#
	4#	0	0	0	46	46	46	46	46	92	92	100	4#
	5#	0	0	0	0	46	46	46	46	46	92	100	5#
	6#	0	0	0	0	0	46	46	46	46	46	92	6#
	0	0	0	0	0	0	0	12	30	30	40	40	

### (H) Main Boom Load Chart

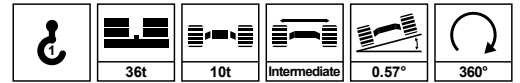
Unit: t



 m	Main Boom Length (m)												 m	
	12.92	17.26	21.61	25.94	30.26	34.54	38.87	43.22	47.55	51.88	56.14	59.9		
3	94.8	94.8												3
3.5	94.8	80.7	68.6											3.5
4	77	66.8	57.8											4
4.5	64	56.7	49.7	45.7										4.5
5	54.4	48.9	43.3	40.3	38									5
5.5	47	42.7	38.1	35.8	34.1									5.5
6	41.2	37.8	33.9	32.1	30.8	29.7								6
7	31.8	30.2	27.3	26.3	25.5	25	22.9							7
8	24.5	24.8	22.5	21.9	21.5	21.3	19.6	18.4						8
9	19.4	20.2	18.8	18.5	18.4	18.4	16.9	15.9	15.4					9
10	15.6	16.4	15.8	15.7	15.8	16	14.7	13.9	13.5	13.2				10
11		13.6	13.3	13.5	13.7	14	12.8	12.2	11.8	11.7	11.7			11
12		11.3	11.1	11.6	12	12.3	11.3	10.7	10.4	10.4	10.4	10.1		12
13		9.4	9.2	10	10.5	10.9	9.9	9.4	9.2	9.2	9.3	9		13
14		7.9	7.7	8.5	9.2	9.7	8.8	8.3	8.2	8.2	8.4	8.1		14
16			5.3	6.1	6.9	7.6	6.8	6.5	6.4	6.5	6.7	6.6		16
18			3.5	4.3	5.1	5.9	5.3	5	5	5.2	5.4	5.3		18
20				3	3.7	4.5	4.1	3.9	3.9	4.1	4.3	4.2		20
22				1.9	2.6	3.4	3.1	2.9	2.9	3.1	3.4	3.4		22
24					1.7	2.5	2.2	2	2.1	2.4	2.7	2.6		24
26					1	1.8	1.4	1.3	1.4	1.7	2	2		26
28						1.1				1.1	1.4	1.4		28
 10	10	10	7	5	4	4	3	2	2	2	2	2	 10	
 2#	2#	0	0	46	46	46	46	92	92	92	92	92	100	2#
	3#	0	46	46	46	46	46	46	92	92	92	92	100	3#
	4#	0	0	0	46	46	46	46	46	92	92	92	100	4#
	5#	0	0	0	0	46	46	46	46	46	92	92	100	5#
	6#	0	0	0	0	0	46	46	46	46	46	92	100	6#
 Min	0	0	0	0	0	0	28	38	50	50	50	55	 Min	

### (H) Main Boom Load Chart

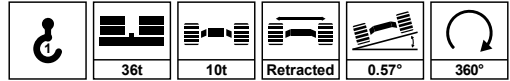
Unit: t



m	Main Boom Length (m)												m
	12.92	17.26	21.61	25.94	30.26	34.54	38.87	43.22	47.55	51.88	56.14	59.9	
3	94.8	94.8											3
3.5	94.8	94.8	89.9										3.5
4	94.8	94.8	89.9										4
4.5	94.8	94.8	85.9	79.3									4.5
5	93.4	84.6	76.5	71.2	55								5
5.5	82.7	75.6	68.8	64.5	55								5.5
6	74.1	68.2	62.4	58.8	55	44							6
7	57.7	56.6	52.2	49.8	47.8	41.8	35.7						7
8	46.6	47	44.6	42.9	41.5	40.1	33.1	29.3					8
9	38.6	39.2	38.7	37.4	36.5	35.8	30.9	28	22.8				9
10	32.7	33.3	32.9	33	32.4	31.9	28.8	26.2	22.8	17.5			10
11		28.7	28.3	29	29	28.8	27	24.6	21.6	17.5	14.1		11
12		25	24.7	25.4	26.1	26	24.6	23.2	20.5	17.5	14.1	12.2	12
13		22	21.7	22.4	23.1	23.7	22.4	21.6	19.5	16.9	14.1	12.2	13
14		19.5	19.2	19.9	20.7	21.4	20.5	19.7	18.6	16.1	13.9	11.6	14
16			15.3	16	16.7	17.5	17.1	16.7	16.4	14.7	12.9	9.9	16
18			12.3	13	13.8	14.5	14.1	14.1	14.1	13.5	12.1	8.6	18
20				10.7	11.5	12.2	11.8	11.8	12	12.2	11.3	7.6	20
22				8.9	9.7	10.4	10	10	10.2	10.4	10.6	6.7	22
24					8.1	8.9	8.5	8.5	8.7	9	9.3	5.9	24
26					6.9	7.6	7.3	7.2	7.4	7.7	8.1	5.3	26
28						6.5	6.2	6.2	6.4	6.6	7	4.7	28
30						5.6	5.3	5.3	5.4	5.7	6.1	4.2	30
32						4.8	4.5	4.5	4.7	4.9	5.3	3.8	32
34							3.8	3.8	4	4.3	4.6	3.4	34
36							3.2	3.2	3.3	3.6	4	3.1	36
38								2.6	2.8	3.1	3.5	2.8	38
40								2.1	2.3	2.6	3	2.5	40
42									1.9	2.2	2.5	2.2	42
44									1.5	1.8	2.1	2	44
46										1.4	1.8	1.8	46
48										1.1	1.4	1.5	48
50											1.1	1.2	50
$C_n$	10	10	10	8	6	5	4	3	3	2	2	2	$C_n$
2#	0	0	46	46	46	46	92	92	92	92	92	100	2#
3#	0	46	46	46	46	46	46	92	92	92	92	100	3#
4#	0	0	0	46	46	46	46	46	92	92	92	100	4#
5#	0	0	0	0	46	46	46	46	46	92	92	100	5#
6#	0	0	0	0	0	46	46	46	46	46	92	100	6#
Min	0	0	0	0	0	0	0	0	10	10	10	10	Min

### (H) Main Boom Load Chart

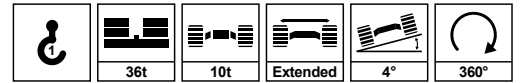
Unit: t



m	Main Boom Length (m)												m	
	12.92	17.26	21.61	25.94	30.26	34.54	38.87	43.22	47.55	51.88	56.14	59.9		
6	57.3		49.2										6	
7	45.1	44.9	41.4	39.7									7	
8	36.7	37.3	35.5	34.3	33.4		30.6	29.2					8	
9	30.6	31.2	30.8	29.9	29.4	28.9	27.2	26	22.8				9	
10	25.9	26.5	26.2	26.4	26.1	25.9	24.3	23.3	22.6	17.5			10	
11		22.9	22.6	23.2	23.3	23.2	21.9	21	20.4	17.5	14.1		11	
12		19.9	19.6	20.3	21	21	19.8	19	18.5	17.5	14.1	12.2	12	
13		17.4	17.2	17.9	18.6	19.1	17.9	17.3	16.9	16.7	14.1	12.2	13	
14		15.4	15.2	15.8	16.6	17.3	16.3	15.7	15.4	15.3	13.9	11.6	14	
16			11.9	12.6	13.3	14.1	13.7	13.2	13	12.9	12.9	9.9	16	
18			9.4	10.1	10.9	11.6	11.2	11.2	11	11.1	11.2	8.6	18	
20				8.2	9	9.7	9.3	9.3	9.4	9.5	9.7	7.6	20	
22				6.6	7.4	8.1	7.8	7.7	7.9	8.2	8.4	6.7	22	
24					6.1	6.8	6.5	6.5	6.6	6.9	7.3	5.9	24	
26					5	5.8	5.4	5.4	5.6	5.9	6.2	5.3	26	
28						4.8	4.5	4.5	4.7	5	5.3	4.7	28	
30						4.1	3.7	3.7	3.9	4.2	4.5	4.2	30	
32						3.4	3	3	3.2	3.5	3.9	3.8	32	
34							2.4	2.4	2.6	2.9	3.3	3.3	34	
36							1.9	1.9	2.1	2.4	2.7	2.8	36	
38								1.4	1.6	1.9	2.3	2.3	38	
40								1	1.2	1.5	1.8	1.9	40	
42										1.1	1.5	1.5	42	
44											1.1	1.2	44	
46													46	
	6	5	6	4	4	3	3	3	3	2	2	2		
	2#	0	0	46	46	46	46	92	92	92	92	100	2#	
	3#	0	46	46	46	46	46	46	92	92	92	92	100	3#
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	5#	0	0	0	0	46	46	46	46	46	92	92	100	5#
	6#	0	0	0	0	0	46	46	46	46	46	92	100	6#
	0	0	0	0	0	0	0	0	0	20	20	20	20	

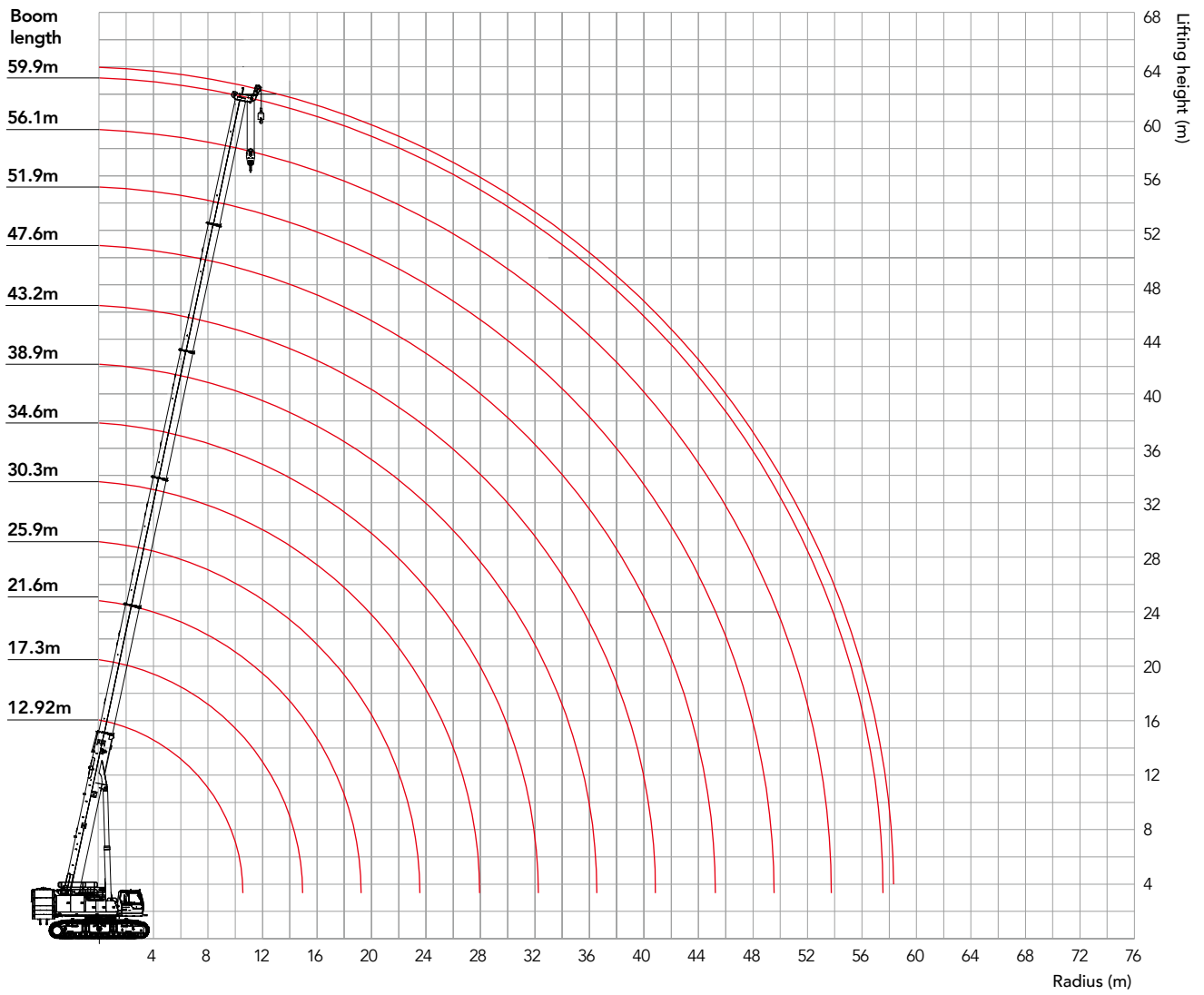
### (H) Main Boom Load Chart

Unit: t



m	Main Boom Length (m)												m
	12.92	17.26	21.61	25.94	30.26	34.54	38.87	43.22	47.55	51.88	56.14	59.9	
3	94.8	68.1											3
3.5	94.8	68.1	48										3.5
4	94.8	68.1	48										4
4.5	94.8	68.1	48	34.1									4.5
5	92	68.1	48	34.1	22.3								5
5.5	82.8	68.1	48	34.1	22.3								5.5
6	73.1	65.5	48	34.1	22.3	17.8							6
7	58.6	55	48	34.1	22.3	17.8	14.2						7
8	48.6	45.9	43	34.1	22.3	17.8	14.2	11.4					8
9	41.3	39.2	36.8	34.1	22.3	17.8	14.2	11.4	9.1				9
10	35.9	33.9	31.9	31.3	22.3	17.8	14.2	11.4	9.1	6.8			10
11		29.8	28	27.6	22.3	17.8	14.2	11.4	9.1	6.8	5.9		11
12		26.4	24.9	24.6	22.3	17.8	14.2	11.4	9.1	6.8	5.9	5.5	12
13		23.7	22.2	22	22	17.8	14.2	11.4	9.1	6.8	5.9	5.5	13
14		21.4	19.9	19.9	20	17.8	14.2	11.4	9.1	6.8	5.9	5.5	14
16			16.4	16.4	16.6	16.9	14.2	11.4	9.1	6.8	5.9	5.5	16
18			13.7	13.7	14	14.3	13.6	11.4	9.1	6.8	5.9	5.5	18
20				11.6	11.9	12.3	11.6	11.3	9.1	6.8	5.9	5.5	20
22				10	10.3	10.7	10	9.8	9.1	6.8	5.9	5.4	22
24					8.9	9.3	8.7	8.5	8.4	6.8	5.9	4.8	24
26					7.7	8.2	7.6	7.3	7.3	6.8	5.9	4.3	26
28						7.2	6.6	6.4	6.4	6.6	5.9	3.9	28
30						6.4	5.8	5.6	5.6	5.8	5.9	3.5	30
32							5.8	5	4.9	4.9	5.1	5.3	32
34								4.4	4.2	4.3	4.4	4.7	34
36								3.9	3.7	3.7	3.9	4.1	36
38									3.2	3.2	3.4	3.6	38
40									2.8	2.8	2.9	3.2	40
42										2.4	2.5	2.8	42
44										2	2.2	2.4	44
46											1.9	2.1	46
48											1.6	1.8	48
50												1.5	50
52												1.3	52
54													54
	6	5	6	4	4	3	3	3	3	2	2	2	
	2#	0	0	46	46	46	46	92	92	92	92	100	2#
	3#	0	46	46	46	46	46	46	92	92	92	100	3#
	4#	0	0	0	46	46	46	46	46	92	92	100	4#
	5#	0	0	0	0	46	46	46	46	46	92	100	5#
	6#	0	0	0	0	0	46	46	46	46	92	100	6#

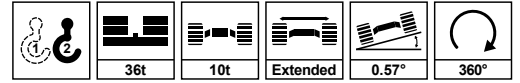
**(HC) Auxiliary Lifting Sheave Range Diagram**



















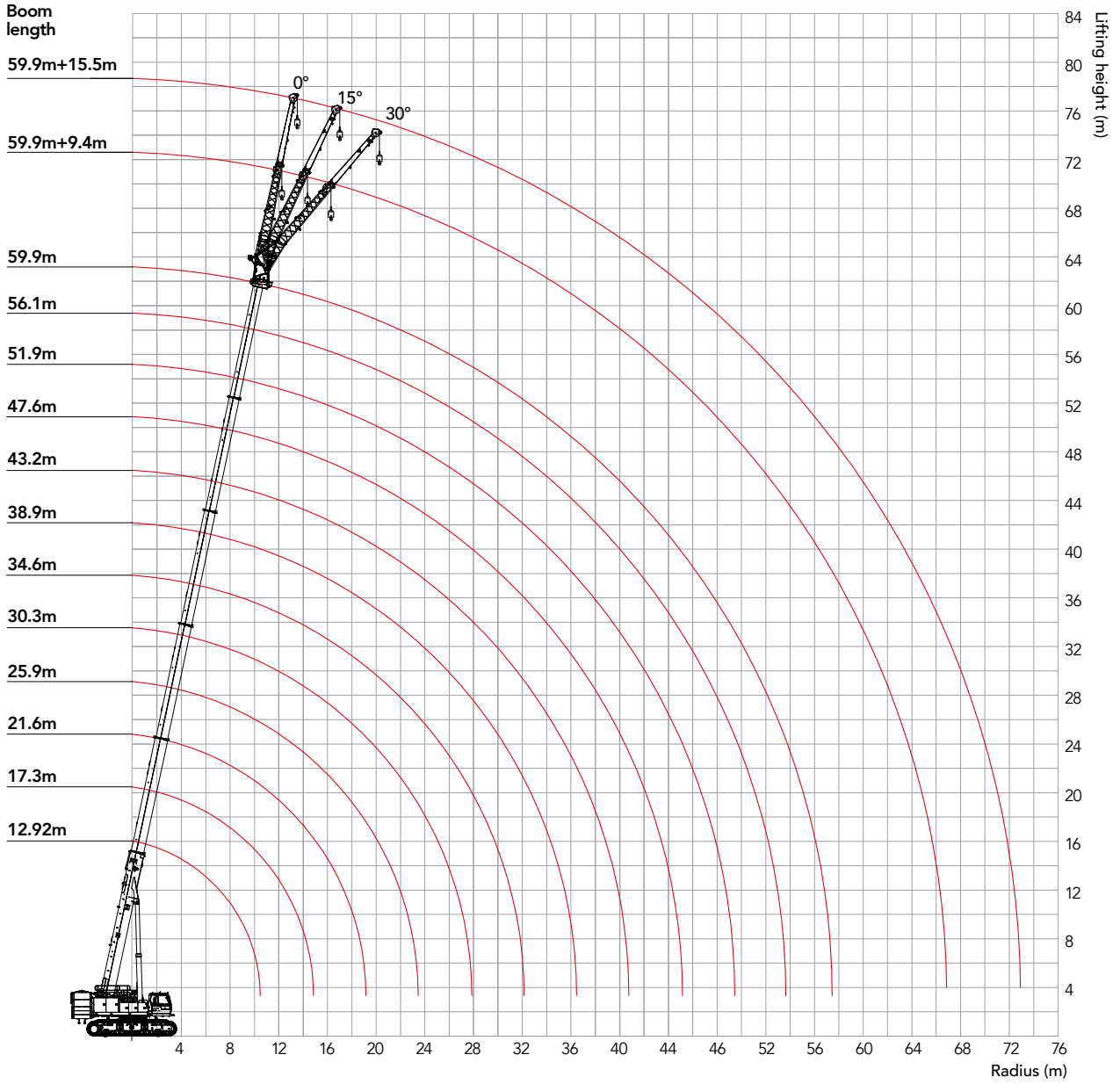
**(HC) Auxiliary Lifting Sheave Load Chart**

Unit: t



 m	Main Boom Length (m)												 m	
	12.92	17.26	21.61	25.94	30.26	34.54	38.87	43.22	47.55	51.88	56.14	59.9		
3	9.5	9.5												3
3.5	9.5	9.5												3.5
4	9.5	9.5	9.5											4
4.5	9.5	9.5	9.5											4.5
5	9.5	9.5	9.5	9.5										5
5.5	9.5	9.5	9.5	9.5	9.5									5.5
6	9.5	9.5	9.5	9.5	9.5									6
7	9.5	9.5	9.5	9.5	9.5	9.5								7
8	9.5	9.5	9.5	9.5	9.5	9.5	9.5							8
9	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5						9
10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5				10
11		9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5			11
12		9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5		12
13		9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	13
14		9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	14
16			9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.3	16
18			9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	8	18
20				9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	7	20
22					9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	6.1	22
24						9.2	9.5	9.5	9.5	9.5	9.5	9.3	5.3	24
26						7.7	8.5	8.1	8.1	8.2	8.5	8.5	4.7	26
28							7.2	6.9	6.8	7	7.3	7.7	4.1	28
30							6.2	5.8	5.8	6	6.3	6.6	3.6	30
32							5.2	4.9	4.9	5.1	5.4	5.7	3.2	32
34								4.1	4.1	4.3	4.6	4.9	2.8	34
36								3.4	3.4	3.6	3.9	4.2	2.5	36
38									2.8	3	3.3	3.6	2.2	38
40									2.2	2.4	2.7	3	1.9	40
42										1.9	2.2	2.5	1.6	42
44										1.4	1.7	2.1	1.4	44
46											1.3	1.7	1.2	46
48												1	1.3	48
50													1	50
52													0.6	52
54														54
 2#	1	1	1	1	1	1	1	1	1	1	1	1	1	
 2#	0	0	46	46	46	46	92	92	92	92	92	92	100	
 3#	0	46	46	46	46	46	46	46	92	92	92	92	100	
 4#	0	0	0	46	46	46	46	46	46	92	92	92	100	
 5#	0	0	0	0	46	46	46	46	46	46	92	92	100	
 6#	0	0	0	0	0	46	46	46	46	46	46	92	100	







**(FJ) Fly Jib Range Diagram**



**(FJ) Fly Jib Load Chart**

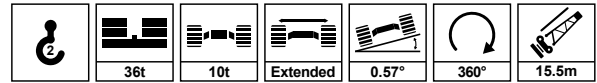
Unit: t








	Main Boom Length (m)				
	59.9				
	0°	15°	30°		
14	6.5			14	
16	6.5			16	
18	6	5.4		18	
20	5.5	5.4	5	20	
22	5.5	5.2	4.8	22	
24	5.3	5.2	4.6	24	
26	5.3	5	4.4	26	
28	5.2	4.8	4.2	28	
30	5	4.4	4	30	
32	4.8	4.3	3.9	32	
34	4.6	4.2	3.9	34	
36	4	4	3.8	36	
38	3.5	3.8	3.7	38	
40	3	3.3	3.4	40	
42	2.7	2.9	3	42	
44	2.6	2.5	2.8	44	
46	2.2	2.2	2.4	46	
48	1.9	1.9	2.1	48	
50	1.6	1.8	1.8	50	
52	1.3	1.5	1.5	52	
54		1.3	1.2	54	
	1	1	1		
	2#	100	100	100	
	3#	100	100	100	
	4#	100	100	100	
	5#	100	100	100	
	6#	100	100	100	

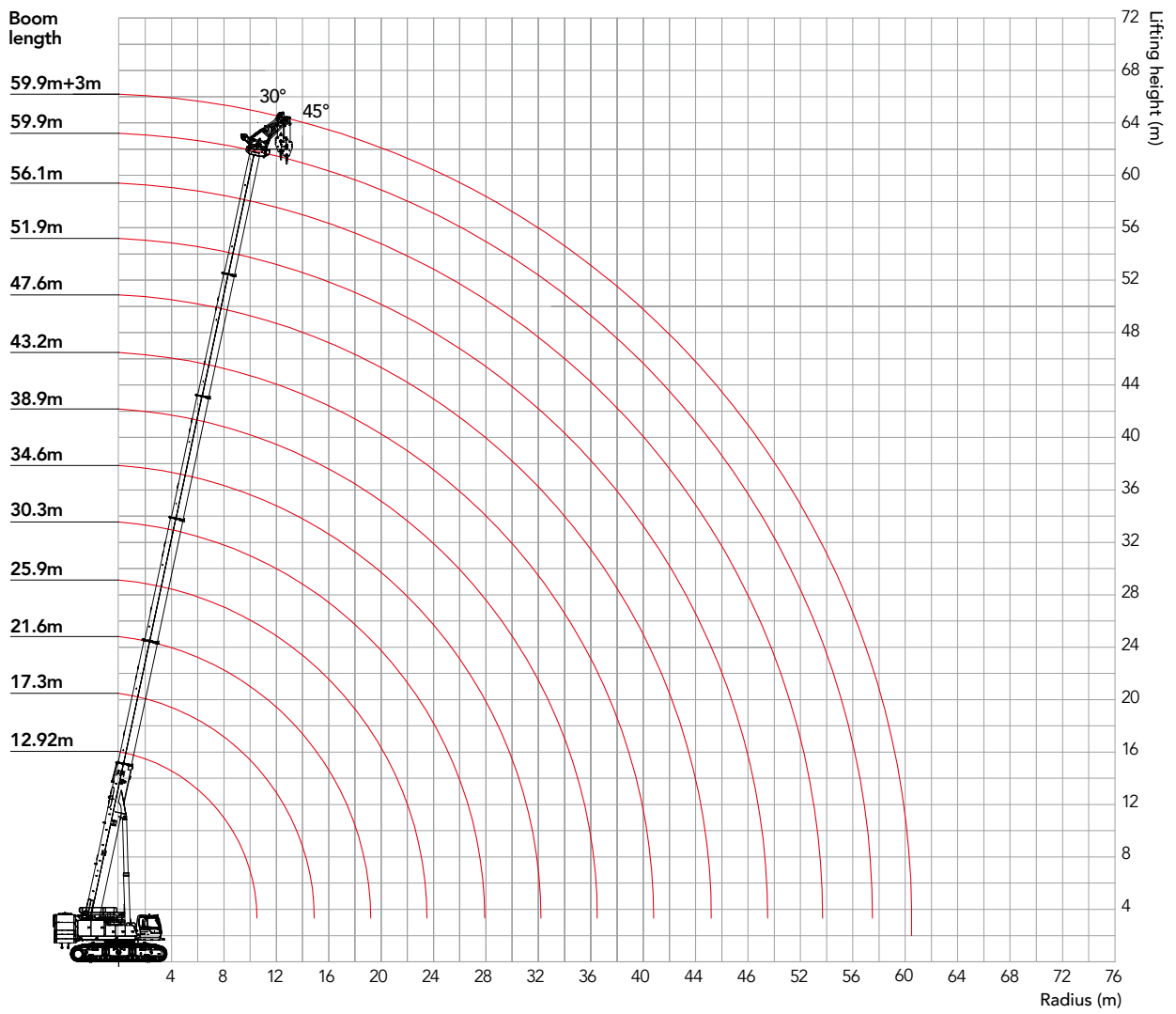
## (FJ) Fly Jib Load Chart

Unit: t



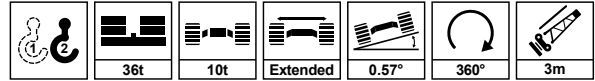
	Main Boom Length (m)			
	59.9			
	0°	15°	30°	
16	3.5			16
18	3.5			18
20	3.4	3.2		20
22	3.4	3.2		22
24	3.3	3.1	3	24
26	3.3	3.1	3	26
28	3.3	3.1	3	28
30	3.2	3	3	30
32	3.2	3	3	32
34	3.2	3	2.9	34
36	3.1	2.9	2.9	36
38	3.1	2.9	2.9	38
40	3	2.9	2.9	40
42	2.8	2.9	2.9	42
44	2.7	2.6	2.7	44
46	2.3	2.5	2.5	46
48	2.3	2.5	2.4	48
50	2	2	2.3	50
52	1.7	1.9	2.1	52
54	1.4	1.6	1.8	54
56	1.2	1.3	1.6	56
58	1.1	1.2	1.3	58
60		1.1	1.1	60
	1	1	1	
	2#	100	100	2#
	3#	100	100	3#
	4#	100	100	4#
	5#	100	100	5#
	6#	100	100	6#







**(FJh) Heavy Duty Jib Range Diagram**









### (FJh) Heavy Duty Jib Load Chart

Unit: t








	Main Boom Length (m)													
	12.92		17.26		17.25		17.24		21.61		21.6			
	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°		
3.5	40	40	40	40	40	40	40	40					3.5	
4	38.2	38.8	40	39.8	40	39.8	40	39.8	40	40	40	40	4	
4.5	37	36.7	40	38.7	40	38.7	40	38.7	40	40	40	40	4.5	
5	35.8	35.7	39.4	37.8	39.4	37.8	39.4	37.8	40	40	40	40	5	
5.5	34.8	33.8	38.4	36.9	38.4	36.9	38.4	36.9	40	39.3	40	39.3	5.5	
6	33.9	33	37.5	36.1	37.5	36.1	37.5	36.1	40	38.5	40	38.5	6	
7	33.1	32.3	36.6	35.3	36.6	35.3	36.6	35.3	39.4	37.7	39.4	37.7	7	
8	31.7	31.2	35	34	35	34	35	34	37.8	36.4	37.8	36.4	8	
9	30.7		33.7	32.8	33.7	32.8	33.7	32.8	36.4	35.2	36.4	35.2	9	
10	30.1		32.5	31.9	32.5	31.9	32.5	31.9	35.1	34.1	35.1	34.1	10	
11			31.6	31.1	31.6	31.1	31.6	31.1	34	33.2	34	33.2	11	
12			30.8		30.8		30.8		30.9	31.4	31.9	32.3	12	
13			27.8		28.3		28.7		27.2	27.6	28.1	28.4	13	
14									24.1		24.9		14	
16									19.2		20.1		16	
	5	5	5	5	5	5	5	5	5	5	5	5		
	2#	0	0	0	0	0	0	0	0	46	46	0	0	
	3#	0	0	46	46	0	0	0	0	46	46	46	46	
	4#	0	0	0	0	46	46	0	0	0	0	46	46	
	5#	0	0	0	0	0	0	46	46	0	0	0	0	
	6#	0	0	0	0	0	0	0	0	0	0	0	0	
	6#	0	0	0	0	0	0	0	0	0	0	0	0	






	Main Boom Length (m)													
	21.5		25.94		25.93		25.84		30.28		30.26			
	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°		
4	39.6	40											4	
4.5	38	40											4.5	
5	36.5	39.8											5	
5.5	35	38.7	40	40	40	40	37.5	37.5					5.5	
6	33.7	37.8	40	40	40	40	36.2	36.2	35.6	35.6	35.6	35.6	6	
7	32.4	36.9	40	39.6	40	39.6	35	35	35.6	35.6	35.6	35.6	7	
8	30.2	36.1	40	38.3	40	38.3	32.9	32.9	35.6	35.6	35.6	35.6	8	
9	28.3	35.3	38.6	37.1	38.6	37.1	31	31	34.6	34.6	34.6	34.6	9	
10	26.4	34	37.4	36	37.4	36	29.3	29.3	32.1	32.1	32.1	32.1	10	
11	24.6	32.8	34.9	35	35.4	35	27.8	27.8	30.1	30.1	30.1	30.1	11	
12	23	31.9	31	31.6	31.6	32.1	26	26	28.1	28.1	28.1	28.1	12	
13	21.7	29.7	27.5	27.9	27.9	28.3	24.5	24.5	26.1	26.1	26.1	26.1	13	
14	20.4		24.4	24.7	24.8	25.1	23.1	23.1	24.1	24.2	24.2	24.2	14	
16	19.4		19.5	19.8	19.9	20.2	21.3	21.6	19.5	19.8	20	20.3	16	
18			15.9		16.3		17.7		15.9	16.1	16.4	16.6	18	
20			13.2		13.5		14.9		13.1		13.6		20	
22									10.8		11.3		22	
	5	5	4	4	5	5	5	5	4	4	4	4		
	2#	0	0	46	46	0	0	0	0	46	46	46	46	
	3#	0	0	46	46	92	92	0	0	92	92	46	46	
	4#	0	0	46	46	46	46	46	46	46	46	46	46	
	5#	46	46	0	0	0	0	46	46	0	0	46	46	
	6#	46	46	0	0	0	0	46	46	0	0	0	0	
	6#	46	46	0	0	0	0	46	46	0	0	0	0	

### (FJh) Heavy Duty Jib Load Chart

Unit: t

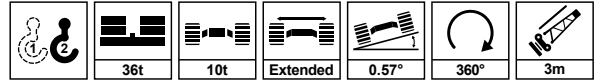








	Main Boom Length (m)													
	30.19		34.61		34.54		34.53		38.87		38.86			
	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°		
6	35.6	35.6											6	
7	35.6	35.6	26.9	26.9	26.9	26.9	26.9	26.9					7	
8	34.6	34.6	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	8	
9	32.8	32.8	26.9	26.9	26.9	26.9	25.2	25.2	26.9	26.9	26.2	26.2	9	
10	31.2	31.2	26.9	26.9	26.9	26.9	23.4	23.4	26.8	26.8	24.4	24.4	10	
11	29.8	29.8	26.8	26.8	26.9	26.9	21.8	21.8	25.1	25.1	22.9	22.9	11	
12	28.4	28.4	25	25	26.9	26.9	20	20	23.5	23.5	21.5	21.5	12	
13	26.8	26.8	23.4	23.4	26.9	26.9	18.4	18.4	22	22	20.3	20.3	13	
14	25.5	25.5	21.9	21.9	24.6	25	17	17	20.8	20.8	19.2	19.2	14	
16	21	21.3	19.2	19.6	20.4	20.8	15.8	15.8	19.3	19.6	18.2	18.2	16	
18	17.4	17.6	16	16.3	16.9	17.1	13.8	13.8	16.2	16.5	16	16	18	
20	14.6		13.2	13.4	14.1	14.3	12.1	12.1	13.6	13.9	14	14.2	20	
22	12.4		10.9	11.1	11.9	12.1	10.8	10.8	11.4	11.7	11.7	11.9	22	
24			9		10		9.7		9.5	9.7	9.8	10	24	
26			7.4		8.4		8.7		7.9		8.2		26	
28									6.6		6.9		28	
	4	4	3	3	3	3	3	3	3	3	3	3		
	2#	0	0	92	92	46	46	0	0	92	92	46	46	2#
	3#	46	46	46	46	46	46	92	92	46	46	92	92	3#
	4#	46	46	46	46	46	46	46	46	46	46	46	46	4#
	5#	46	46	46	46	46	46	46	46	46	46	46	46	5#
	6#	46	46	0	0	46	46	46	46	46	46	46	46	6#

	Main Boom Length (m)													
	38.8		43.22		43.21		43.12		47.55		47.53			
	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°		
8	24.4	24.4											8	
9	22.9	22.9	25.7	25.7	23	23	18.9	18.9					9	
10	21.6	21.6	24.5	24.5	21.7	21.7	17.8	17.8	18.8	18.8	18.7	18.7	10	
11	20.4	20.4	23	23	20.3	20.3	16.8	16.8	18.8	18.8	18	18	11	
12	19.4	19.4	21.6	21.6	19.1	19.1	15.9	15.9	18.8	18.8	17.2	17.2	12	
13	18.4	18.4	20.3	20.3	18.1	18.1	15.1	15.1	18.4	18.4	16.3	16.3	13	
14	17.6	17.6	19.2	19.2	17.1	17.1	14.4	14.4	17.5	17.5	15.5	15.5	14	
16	16.8	16.8	18.1	18.1	16.2	16.2	13.7	13.7	16.7	16.7	14.7	14.7	16	
18	15.4	15.4	15.6	15.9	14.6	14.6	12.6	12.6	15.1	15.1	13.4	13.4	18	
20	14.3	14.3	13.1	13.4	12.9	12.9	11.6	11.6	12.9	13.2	12.2	12.2	20	
22	12.3	12.4	11.1	11.4	11.5	11.5	10.8	10.8	10.9	11.2	10.8	10.8	22	
24	10.4	10.6	9.4	9.6	9.9	10.1	10.1	10.1	9.3	9.5	9.7	9.7	24	
26	8.8		7.8	8	8.3	8.5	9	9.2	7.9	8.1	8.5	8.7	26	
28	7.5		6.5	6.7	7	7.1	7.7	7.8	6.6	6.8	7.2	7.4	28	
30			5.4		5.8		6.5		5.5	5.6	6	6.2	30	
32			4.4		4.8		5.5		4.5	4.6	5.1	5.2	32	
34									3.6		4.2		34	
	3	3	2	2	3	3	3	3	2	2	2	2		
	2#	46	46	92	92	46	46	46	46	92	92	46	46	2#
	3#	46	46	92	92	92	92	46	46	92	92	92	92	3#
	4#	46	46	46	46	92	92	46	46	92	92	92	92	4#
	5#	46	46	46	46	46	46	92	92	46	46	92	92	5#
	6#	92	92	46	46	46	46	92	92	46	46	46	46	6#

## (FJh) Heavy Duty Jib Load Chart

Unit: t



	Main Boom Length (m)												
	47.46		51.88		51.8		56.14		59.9				
	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°			
10	16.9	16.9										10	
11	16	16	16.6	16.6	14.9	14.9						11	
12	15.1	15.1	16.6	16.6	14.7	14.7	13.5	13.5				12	
13	14.3	14.3	16.2	16.2	14.4	14.4	13.5	13.5	9.4	9.4		13	
14	13.6	13.6	15.6	15.6	13.7	13.7	13.4	13.4	9.4	9.4		14	
16	13	13	15	15	13.1	13.1	12.9	12.9	9.4	9.4		16	
18	11.8	11.8	13.7	13.7	12	12	12	12	9.4	9.4		18	
20	10.8	10.8	12.6	12.6	11.1	11.1	11.2	11.2	8.1	8.1		20	
22	10	10	10.9	11.1	10.3	10.3	10.5	10.5	7.1	7.1		22	
24	9.3	9.3	9.3	9.5	9.4	9.4	9.4	9.6	6.3	6.3		24	
26	8.6	8.6	7.9	8.1	8.4	8.4	8	8.2	5.6	5.6		26	
28	7.7	7.8	6.7	6.9	7.5	7.6	6.9	7	5	5		28	
30	6.5	6.7	5.7	5.8	6.4	6.5	5.8	6	4.4	4.4		30	
32	5.5	5.7	4.7	4.8	5.4	5.5	4.9	5.1	4	4		32	
34	4.7		3.8	4	4.5	4.6	4.2	4.3	3.6	3.6		34	
36			3.1		3.7		3.4	3.5	3.2	3.2		36	
38			2.4		3.1		2.7	2.8	2.7	2.8		38	
40							2.1		2.1	2.2		40	
42									1.6			42	
44									1.1			44	
	2	2	2	2	2	2	2	2	2	2	2		
	2#	46	46	92	92	46	46	92	92	100	100	2#	
	3#	46	46	92	92	92	92	92	92	100	100	3#	
	4#	92	92	92	92	92	92	92	92	100	100	4#	
	5#	92	92	92	92	92	92	92	92	100	100	5#	
	6#	92	92	46	46	92	92	92	92	100	100	6#	





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**Reminder:**

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice.  
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