SANY®

SCC2000A-EV

ELECTRIC CRAWLER CRANE

www.sanygroup.com

QUALITY CHANGES THE WORLD

V1.0

01 | Introduce

200t
Max. lifting capacity

86m
Max. boom length

68m+30m
Max. fixed jib combination

59m+63m
Max. luffing jib combination

Energy Saving and Environmental Protection

- Pure electric, low emission, environmentally friendly and energy saving.

Long Battery Range

- Equipped with 422kWh high-capacity power battery, supporting 8h long time operation.

Lower Operating Cost

- Reduces energy consumption costs by 37% compared to traditional fuel engine models and eliminates engine maintenance expenses.

Safe and Reliable

- High voltage safety design, real-time insulation monitoring by BMS, capable of actively disconnecting high voltage in the event of sudden leakage, third-generation intelligent control system, one-button start/stop, 10.1" dual touchscreen display, intelligent and convenient.

Fast Charging

- Support 120kW DC charging, charging time <1.5h.
- 10kW, 20kW, 40kW, 80kW (optional) AC charging modes are available for customers, applicable to all site power configurations.

High Adaptability

- Equipped with lower structure charging port, allowing an operation with charging plug in, meeting various customer usage scenarios.

SCC2000A-EV
ELECTRIC TELESCOPIC BOOM CRAWLER CRANE


SANY
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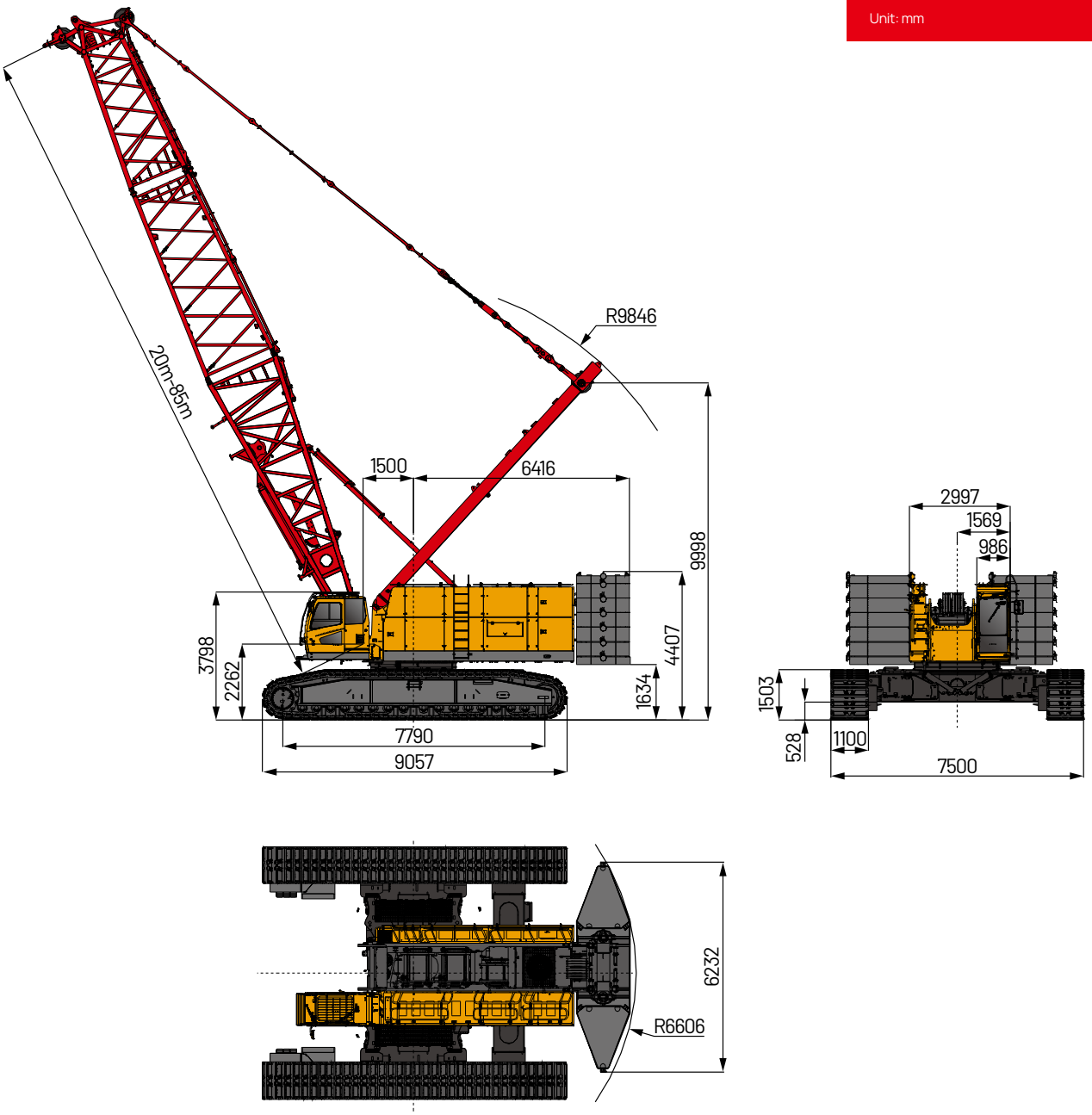
02 | Outline Dimension

SCC2000A-EV

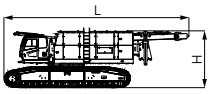
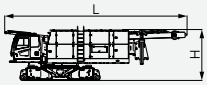
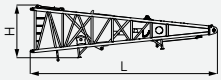
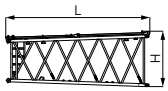
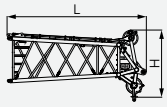
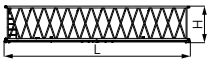
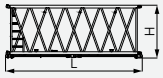
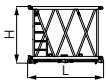
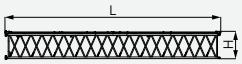
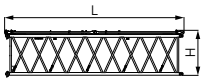
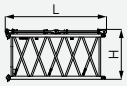
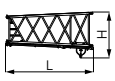
Unit: mm



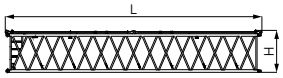
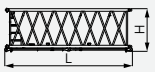
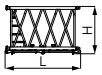
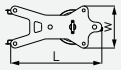
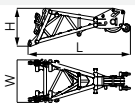
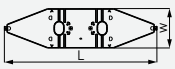
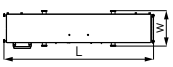
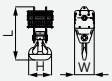
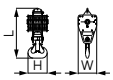
03 | Main Performance Parameters

Performance Indicators	Unit	Parameter
Boom confifiguration		
Max. lifting capacity	t	200
Max. lifting moment	t·m	1250
Boom length	m	20~86
Boom luffing angle	°	30~85
Fixed jib confifiguration		
Max. lifting capacity	t	
Jib length	m	12~30
Longest boom + longest fifixed jib	m	68+30
Fixed jib angle	°	15,30
Luffing jib configuration		
Max. lifting capacity	t	
Jib length	m	18~63
Longest boom + longest fifixed jib	m	59+63
Luffing jib angle	°	15~75
Operation speed		
Rope speed of main/aux. winch	m/min	0~140
Rope speed of boom hoist winch	m/min	0~76
Slewing speed	rpm	1.5
Travel speed	km/h	0~1.6
Wire rope		
Main hoist wire rope: diameter × length	ϕ mm × m	26 × 460
Aux. hoist wire rope: diameter × length	ϕ mm × m	26 × 310
Rated single line pull of main/aux. hoist wire rope	t	13.5
Drive Motor		
Model	-	Danfoss-EM-PMI375-T1100-2100
Rated power	kW	234
Max. power	kW	445
Transport Parameters		
Weight of machine	t	194
Rear counterweight	t	77
Carbody counterweight	t	10 × 2
Transport weight of basic machine (with crawler frames)	t	97
Transport weight of basic machine (without crawler frame)	t	46.4
Machine transport dimension (with crawlers) L × W × H	mm	13239 × 7500 × 4076
Machine transport dimension (without crawlers) L × W × H	mm	12544 × 2997 × 3547
Other Parameters		
Average ground pressure (basic boom)	Mpa	0.22
Gradeability	mm	30

04 | Transport Dimension

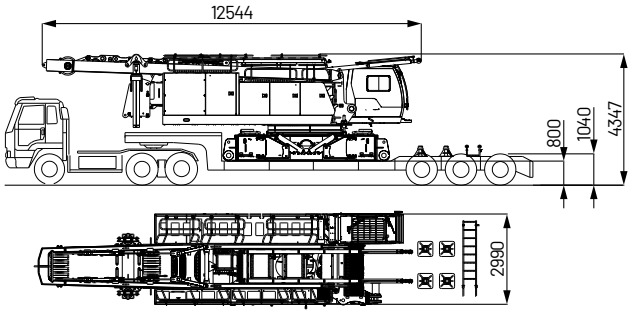
No.	Item	Shape	Length (m)	Width (m)	Height (m)	Weight(t)	Quantity
1	Basic machine 1 (with crawlers, without boom base)		13.239	7.50	4.076	96.98	1
2	Basic machine 2 (without boom base and crawlers)		12.544	2.997	3.547	46.38	1
3	Crawlers		9.048	1.777	1.501	25.3	2
4	Boom base		9.236	2.521	2.629	4.35	1
5	6m Reducing boom section		6.177	2.501	2.379	1.49	1
6	Boom top		5.57	2.236	2.689	3.61	1
7	12m boom		12.18	2.513	2.383	2.42	2
8	6m boom		6.18	2.513	2.383	1.65	1
9	3m boom		3.18	2.513	2.383	0.93	1
10	12m Fixed jib		12.152	1.807	1.541	1.30	2
11	6m Fixed jib		6.152	1.807	1.541	0.71	1
12	3m Fixed jib		3.152	1.807	1.541	0.42	1
13	Luffing jib base		1.688	2.49	2.181	0.75	1
14	Luffing jib top		3.574	1.805	2.143	1.58	1
15	4.5m Reducing boom section		4.661	2.10	2.402	1.00	1

04 | Transport Dimension

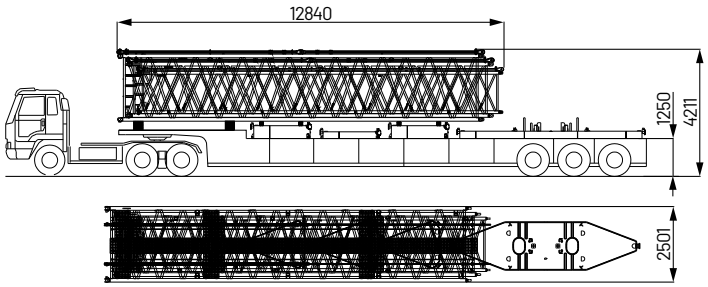
No.	Item	Shape	Length (m)	Width (m)	Height (m)	Weight(t)	Quantity
16	12m Luffing jib		12.18	2.142	1.985	2.1	2
17	6m Luffing jib		6.18	2.142	1.985	1.24	1
18	3m Luffing jib		3.18	2.142	1.985	0.8	1
19	Amplitude guide pulley		1.235	0.57	0.199	0.11	1
20	Extension boom		3.104	1.292	1.152	0.74	1
21	Counterweight tray		6.232	1.602	0.689	11.0	1
22	6t Counterweight blocks		2.015	1.578	0.53	6.0	10
23	3t Counterweight blocks		2.015	1.578	0.343	3.0	2
24	Carbody counterweight		4.813	1.132	0.593	10.0	2
25	200t hook		2.441	0.91	1.062	3.7	1
26	150t hook		2.438	0.91	0.944	2.8	1
27	100t hook		2.346	0.93	0.842	1.97	1
28	80t hook		2.206	0.91	0.644	1.94	1
29	35t hook		1.882	0.91	0.455	1.2	1
30	13.5t hook		0.949	0.425	0.425	0.47	1

05 | Transport Plan

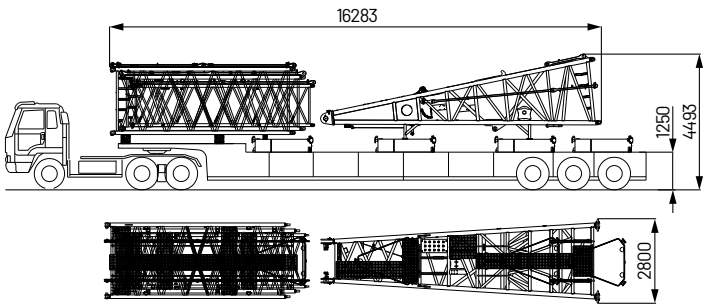
Trailer 1	▪ 50t low pad 13.5m, Trailer width 3m
Part (s)	▪ Basic machine (ladders of machine cover are removed to transport) ▪ Outrigger × 4
Weight	▪ 46.38t



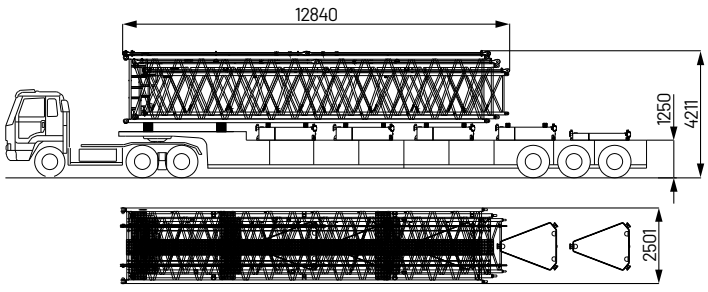
Trailer 2	▪ 35t pad 17.5m, Trailer width 3m
Part (s)	▪ 12m boom insert 1 ▪ 12m boom insert 2 ▪ 12m boom insert 3 ▪ Rear counterweight tray ▪ 6t counterweight block × 2 ▪ 3t counterweight block ▪ 12m outer boom pendant bar × 2
Weight	▪ 32.5t



Trailer 3	▪ 35t pad 17.5m, Trailer width 3m
Part (s)	▪ 6m boom insert 1 ▪ 6m boom insert 2 ▪ 6m boom insert 3 ▪ 6t rear counterweight × 4 ▪ Boom base ▪ 6m outer boom pendant bar ▪ Outer pendant bar of boom base ▪ Aux. luffing assembly
Weight	▪ 33.48t

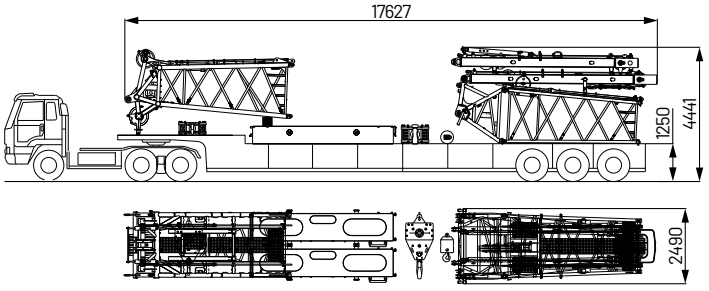


Trailer 4	▪ 35t pad 17.5m, Trailer width 3m
Part (s)	▪ 12m boom insert 1 ▪ 12m boom insert 2 ▪ 12m boom insert 3 ▪ 6t rear counterweight × 4 ▪ 3t counterweight block ▪ 12m outer boom pendant bar
Weight	▪ 33.17t

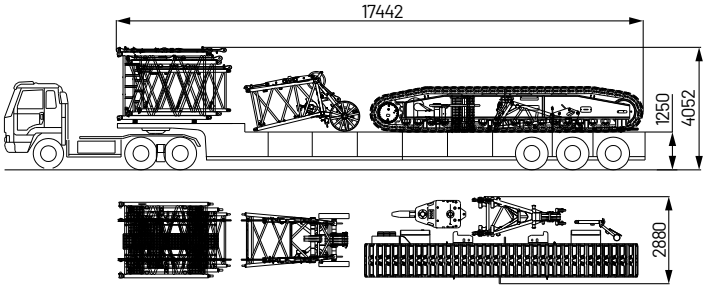


05 | Transport Plan

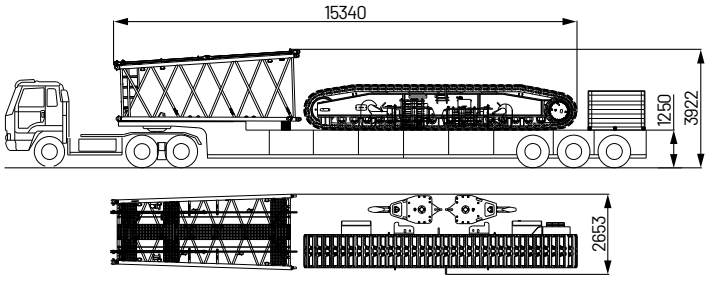
Trailer 5	▪ 35t pad 17.5m, Trailer width 3m
Part (s)	▪ Boom top ▪ Luffing guiding pulley ▪ Carbody counterweight × 2 ▪ Luffing jib base ▪ Jib transition insert ▪ Front mast of jib ▪ Rear mast of jib ▪ Reeving winch jib components ▪ 80t hook ▪ 35t hook ▪ 13.5t hook
Weight	▪ 32.56t



Trailer 6	▪ 35t pad 17.5m, Trailer width 3m
Part (s)	▪ Right track frame ▪ 3m boom insert 1 ▪ 3m boom insert 2 ▪ 3m boom insert 3 ▪ 200t hook ▪ 40t runner ▪ 3m outer boom pendant bar ▪ Luffing jib back-stop device ▪ Luffing jib top
Weight	▪ 33.64t



Trailer 7	▪ 35t pad 17.5m, Trailer width 3m
Part (s)	▪ Left track frame ▪ Boom transition insert ▪ 150t hook ▪ 100t hook ▪ Reeving winch jib components ▪ Transition insert outer pendant bar ▪ Mid-point suspension cable of boom ▪ Mid-point suspension cable of jib ▪ Packing case
Weight	▪ 33.17t



06 | Main Characteristics

1 Product Specification

Drive Motor

- Model: EM-PMI375-T1100-1500-DUAL + IP67 + RES1 H class.
- Rated power: 234kW.
- Max. power: 445kW.
- Rated torque: 1118N.m.
- Max. torque: 2125N.m.
- Max. working speed: 2680rpm.
- Working environment temperature: -40℃~+65℃.
- Insulation class: H.
- Cooling system: Liquid cooling (50% deionized water + 50% ethylene glycol).
- Coolant flow rate: 20L/min.
- IP rating IP67.
- Weight: 295kg.
- Work shift: S1/S9.

Power Battery

- Battery type: LFP (Lithium Iron Phosphate).
- Rated capacity: 684 Ah.
- Nominal voltage: 618.24 V.
- Rated energy storage: 422.87 kWh.
- Specific energy: 155 Wh/kg.
- Battery configuration: 3* (2H01).
- Storage temperature: -30~60℃, long-term storage controlled below 35℃.
- Operating temperature: -30~65℃.
- Operating humidity: ≤90%.
- Thermal management: Liquid Heating + Liquid Cooling.
- State of charge (SOC) operating range: 8%~100%.
- Max.continuous charging current (A): 400.
- Max.continuous discharging current (A): 400.
- Discharging current at peek speed (A): 700A, 30 seconds.
- IP protection rating: Battery box IP68, junction box IP67, control box IP67.
- Total system weight (kg): 2706 kg (Battery box only).

Hydraulic System

- Main pump: Adopt high-power open variable displacement piston pump, providing power for the entire machine.
- Closed pump: Used for slewing.
- Gear pump: Single gear pump are used for heat dissipation and servo functions.
- Control: The main pump adopts the control type of electrically proportionate positive flow. The operating components are two electric-controlled cross handles, one electric control pedal valve for boom telescoping, and one dual electric pedal control valve for travel, to control each actuator proportionally.
- 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: 1240L.

Main and Aux. Hoist Winch

- Pump and motor: Dual-placement speed controlled energy efficient, 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.
- Main and aux. load hoist winches adopt piston motor of variable displacement to drive planetary reducer.

Mainhoisting winch	Rope speed on the outermost work layer	0~140m/min
	Wire rope diameter	Φ26mm
	Wire rope length of main hoist	460m
	Rated single line pull	13.5t
Auxiliary hoisting winch	Rope speed on the outermost work layer	0~140m/min
	Wire rope diameter	Φ26mm
	Wire rope length of auxiliary hoist	310m
	Rated single line pull	13.5t

Luffing Mechanism

- Boom hoist winch is driven directly by reducer. Operating winch handle can control the winch to rotate to two directions, which are lifting and lowering of boom.
- Drums with fold-line grooves can ensure the wire rope reeved in order in multilayers.

Boom hoist mechanism	Rope speed on the outermost work layer	0~76m/min
	Wire rope diameter	Φ26mm
	Wire rope length of auxiliary hoist	270m
	Rated single line pull	13.5t

Slewing Mechanism

- The slewing brake adopts concealed, wet type, spring loaded, normally-engaged brake, and braking through spring force, oil pressure released.
- Slewing system, equipped with integrated slewing cushion valve, has free slip function. It is featured in steady start, control, stop and excellent inching function.
- External gear slewing drive with 360° slewing range, and the max. slewing speed is 1.5r/min.
- Swing lock: Cylinder Lock device can make sure the superstructure can be locked on four directions after the work is done or during transport, which is more convenient and reliable.
- Slewing ring: Single row ball bearing.

Counterweight

- The counterweight tray and blocks are designed to be piled up for easier assembly and transport.
- Rear counterweight composition: one tray of 11t. counterweight block Ⅰ of 6t ×10. counterweight block Ⅰ of 3t ×2.
- Carbody counterweight: 10t ×2.

Superstructure

- The high-strength steel welded frame structure provides better resistance to deformation and torsion. It features a closed protective cover for enhanced protection. The component layout is rational, making maintenance and service more convenient.

06 | Main Characteristics

1 Product Specification

Cab and Controls

- Novelty in cab design, artistic modeling and trim and large area glass window with a tilt angle of 20° to broaden horizon, fitted with low beam headlamp and rear-view mirror to broaden horizon, installed with air conditioner and radio, the arrangement of seats, control handle and various control buttons is ergonomically designed to enable more conformable operation.
- Cab layout: 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.

Travel Drive

- Independent travel driving units are adopted for each side of the crawler, to realize straight traveling and turning driven by travel motor through gearbox and sprocket wheel.
- The crawler can be controlled independently when traveling.
- The travel speed can be controlled steplessly from 0 to 2.0km/h.
- Gradeability is 30%.

Traveling Braking

- Embedded, wet, spring-loaded and normally-closed brake, which is braking with spring force and released by oil pressure.

Crawler Tensioning

- Spring tensioner with auxiliary hydraulic cylinder regulates the tension degree through charging grease, and the spring can perform buffer and protection function when traveling.

Steering System

- It can realize single track turning and pivot turning.

Track Frame

- High-strength alloy cast steel track pad can prolong the service life. They are 850mm wide, and the total amount is 62pcs × 2.

Track Roller

- Maintenance-free track roller.

Outrigger

- Hydraulic outrigger cylinders are offered to facilitate the track frame assembly and disassembly.

Boom

- Lattice structure. The chord adopts high-strength structural tube and each section is connected through pins.
- Basic boom: 9m boom base + 6m Reducing boom section + 5m boom top.
- Boom insert: 3m × 1, 6m × 1, 12m × 2.
- Boom length: 20m~86m.

Fixed Jib

- Lattice structure. The chord adopts high-strength structural tube and each section is connected through pins.
- Basic jib: 1.5m jib base + 4.5m Reducing boom section + 3m jib top.
- Jib insert: 3m × 1, 6m × 1, 12m × 2.
- Fixed jib: 12m~30m.
- Longest boom+jib: 68m+30m.

Luffing Jib

- Lattice structure. The chord adopts high-strength structural tube and each section is connected through pins.
- Basic jib: 1.5m jib base + 4.5m Reducing boom section + 3m jib top + 3m Luffing jib + 6m Luffing jib.
- Jib insert: 3m × 1, 6m × 1, 12m × 2.
- Fixed jib: 18m~63m.
- Longest boom+jib: 59m+63m.

Heavy Fixed Jib

- 2.5m heavy fixed jib is available.

Tip Pulley

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

Hook Block

No.	Capacity (t)	No. of sheaves	Weight (t)	Quantity
1	200	9	3.7	1
2	150	7	2.8	1
3	100	5	1.97	1
4	80	3	1.94	1
5	35	1	1.2	1
6	13.5	0	0.47	1

Note: the above-mentioned operating equipment is full-up configuration. The actual configurations are subject to contract.
* marked as optional material

06 | Main Characteristics

2 Safety Device

Load Limit Indicator (LMI)

- The integrated LMI system is provided as standard and high safety and efficiency for equipment control.
- The LMI system can automatically detect the suspended load weight, working radius of the crane and the angle of boom, and compare rated load weight and actual load, working radius and boom angle. Under normal operation condition, it can intelligently judge and automatically cut off the crane action in dangerous direction, and have black box function to record the overload information.
- Its main components include: monitor, controller, length and angle sensor, pressure sensor, etc.

Assembly/working mode switching switch

- The assembly mode is primarily used for scenarios such as the disassembly of the boom or the removal of counterweights. In Assembly Mode, height limit and boom angle limit are disabled to facilitate crane assembly.
- In Work Mode, all safety limiting devices activate to protect the operation.

Emergency Stop

- The left armrest box in cab is equipped with one emergency stop button. In emergency situation, this button is pressed down to cut off the power supply of the whole machine and all actions stop.

Over-hoist Protection of the Main/Auxiliary Load Hoist

- 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 of the Main/Auxiliary Load Hoist

- 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.

Function Lock

- There is a function lock lever located on the left side of the driver’s seat in the cab. If the function lock lever is not in work position, all the other handles won't work, which prevents any mis-operation caused by accidental hitting.

Hook Latch

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

GPS Monitoring System

- Remote monitoring system is a standardized offering to provide functions like GPS locating, GPRS data transfer, machine status inquiry and statistics, operating data monitoring and analysis, remote diagnosis of failures.

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.

06 | Main Characteristics

2 Safety Device

Flash Alarm

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

Slewing Indicator Light

- The slewing indicator light flashes during traveling or slewing.

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.

Monitoring System

- Cameras are installed on the winch box, tail of turntable and right side engine cover, which can display real-time monitoring images of the main and auxiliary winches, tail of turntable, and right side track pads on the cab's monitor.

Luffing winch lock device

- Pawl lock is used on boom hoist winch, which needs to unlock by switch before operation, in order to prevent mis-operation of handles and ensure safety during nonwork time.

Slewing lock device

- Slewing Lock can lock the superstructure and lower structure during transportation.

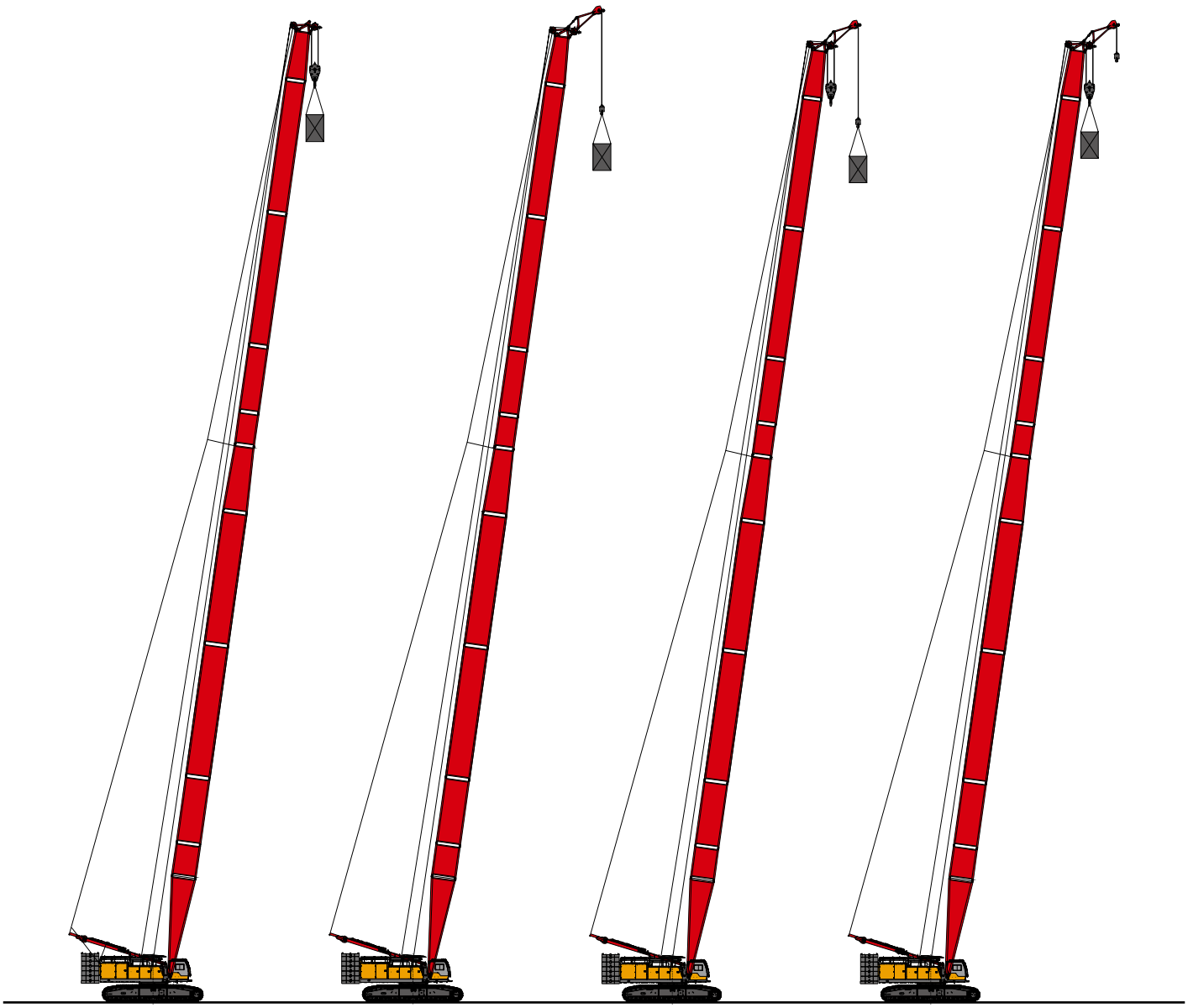
Boom limit device

- When the boom elevation angle reaches the max. set limit, the buzzer sounds and boom action cut off. This protection is two-stage control ensured by both LMI system and travel switch.

Boom angle indicator

- Pendulum angle indicator is fixed on the side of boom base close to the cab, so as to provide convenience to the operator.

07 | Combination

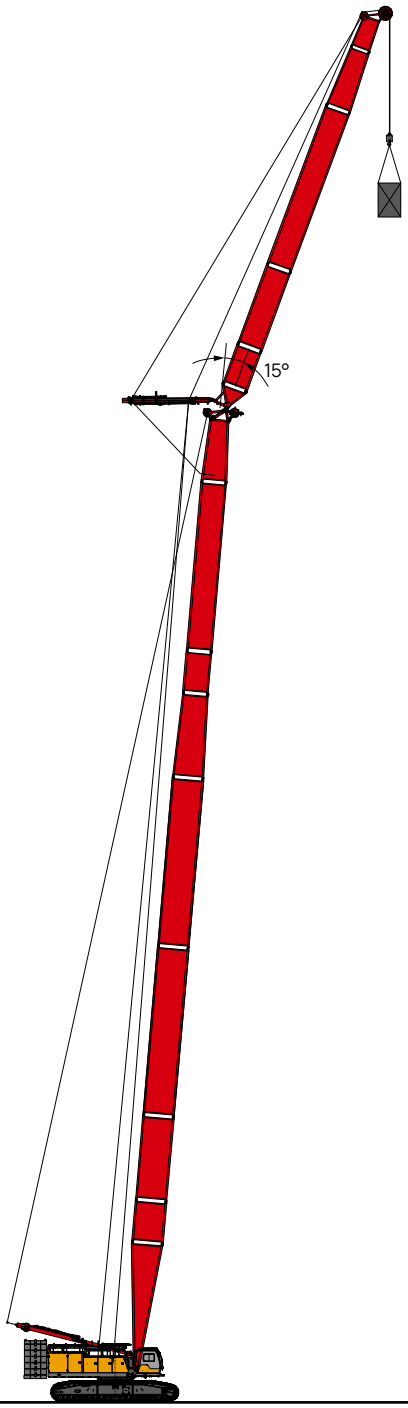


H Configuration | HC Configuration | HCa Configuration | HCm Configuration

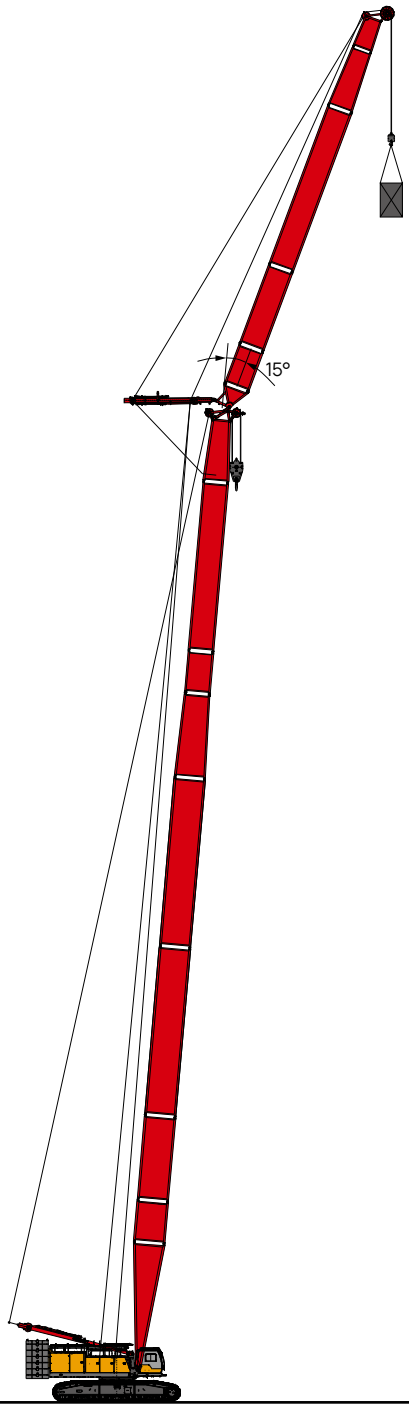
Congfiguration	Boom Combination	Boom Length
H	Boom (single hook)	20m~86m
HC	Boom (double hooks,load on aux. hook)	20m~86m
HCa	Boom (double hooks,load on aux. hook)	20m~86m
HCm	Boom (double hooks, load on main hook)	20m~86m

Note: The schematics above are reference for loading only.

07 | Combination



FJ Configuration



FJa Configuration

Congfiguration	Boom Combination	Boom Length
FJ	Boom + Fixed jib (single hook)	(20m~68m)+(12m~30m)
FJa	Boom + Fixed jib (double hooks, load on aux. hook)	(20m~68m)+(12m~30m)

Note: The schematics above are reference for loading only.

07 | Combination

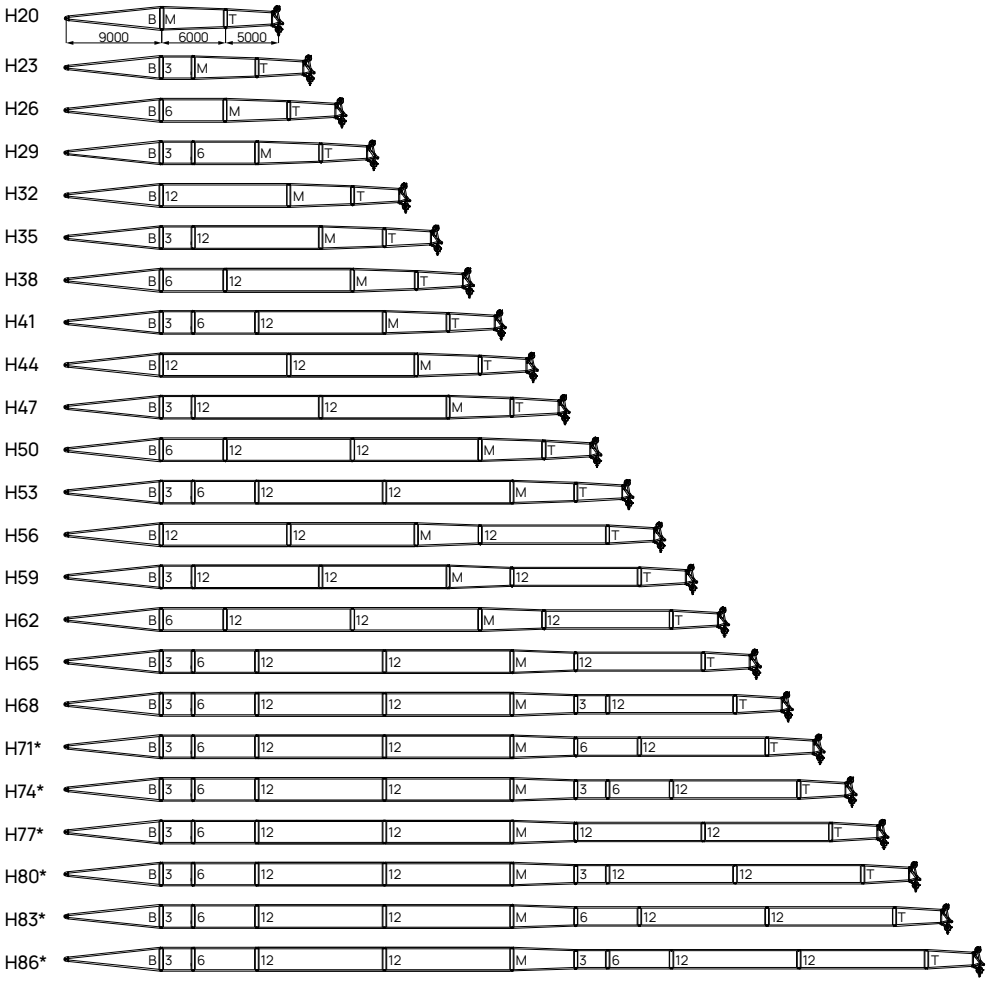
LJ Configuration | LJC Configuration | LJCb Configuration | LJCa Configuration

Congfiguration	Boom Combination	Boom Length
LJ	Boom + Luffing jib (single hook)	(20m~59m)+(18m~63m)
LJC	Boom + Luffing jib (double hooks, load on aux. hook)	(20m~59m)+(18m~63m)
LJCb	Boom + Luffing jib (double hooks, load on main hook)	(20m~59m)+(18m~63m)
LJCa	Boom + Luffing jib (double hooks, load on main hook)	(20m~59m)+(18m~63m)

Note: The schematics above are reference for loading only.

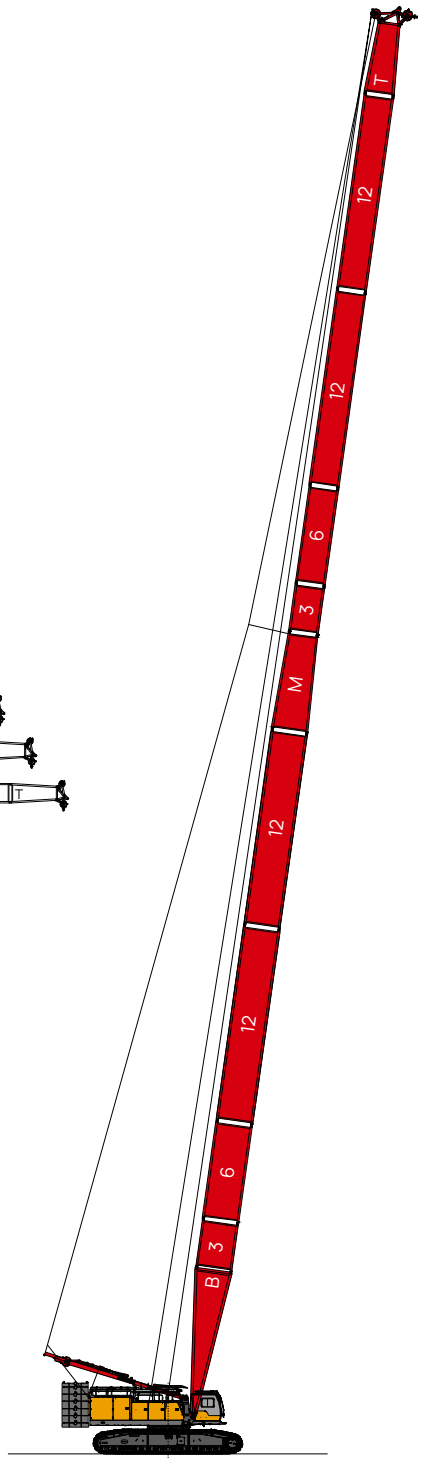
07 Boom Combination

H configuration



Note: The boom combinations with "*" are recommended for purchasing.

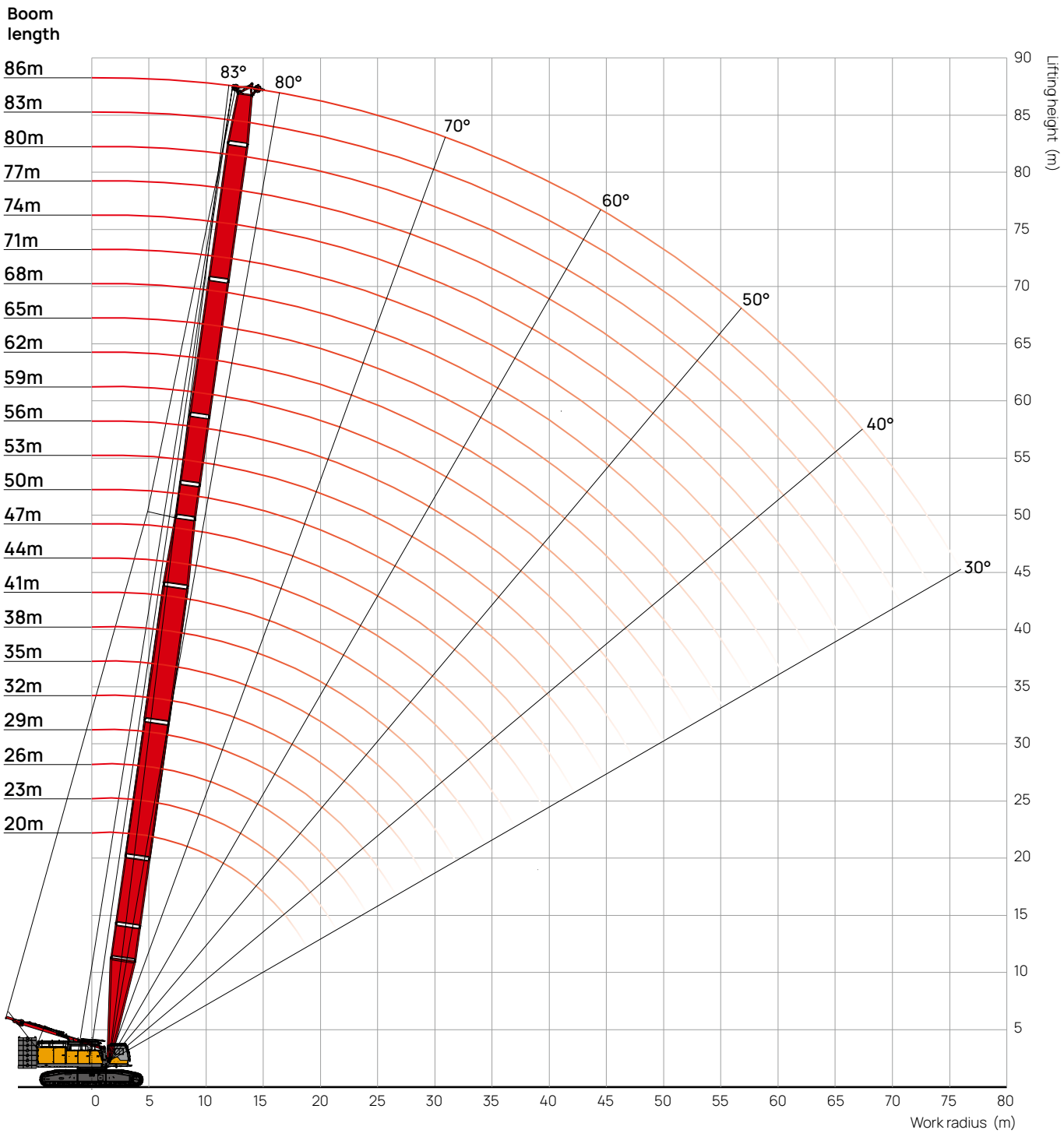
B	■ Boom base
M	■ Boom tapered insert
T	■ Boom top
3	■ Boom insert
6	■ Boom insert
12	■ Boom insert
3	■ Boom insert
6	■ Boom insert
12	■ Boom insert



H Configuration
(20m~86m)

07 Working Radius

H configuration



07 Load Chart

H configuration

Unit: t

m	Full counterweight												m
	20	23	26	29	32	35	38	41	44	47	50	53	
4.5	200												4.5
5	200	200	190										5
5.5	200	200	190	167	154								5.5
6	200	200	190	167	154	142	130						6
7	200	194	187	179	154	142	130	117	117	105	92.6		7
8	169	164	158	153	148	142	130	117	117	105	92.6	92.6	8
9	145	141	137	133	129	125	122	117	116	105	92.6	92.6	9
10	127	124	120	117	114	111	108	106	103	101	92.6	92.6	10
11	110	110	107	105	102	100	97.9	95.6	93.5	91.4	89.3	87.3	11
12	97	97.1	97	94.9	93	90.9	88.8	86.8	85.1	83.3	81.5	79.7	12
14	77.7	77.8	77.7	77.6	77.8	76.3	74.7	73.2	71.9	70.4	69	67.6	14
16	64.5	64.5	64.5	64.3	64.5	64.3	64.2	63	61.9	60.8	59.6	58.5	16
18	54.8	54.8	54.8	54.7	54.8	54.7	54.5	54.3	54.2	53.2	52.2	51.2	18
20		47.4	47.4	47.3	47.4	47.3	47.1	46.9	46.9	46.7	46.3	45.4	20
22			41.6	41.5	41.6	41.5	41.3	41.1	41.1	40.8	40.6	40.4	22
24			36.8	36.7	36.9	36.8	36.6	36.4	36.3	36.1	35.9	35.7	24
26				32.8	33	32.9	32.7	32.5	32.5	32.2	32	31.8	26
28					29.8	29.6	29.4	29.2	29.2	29	28.8	28.5	28
30						26.8	26.7	26.4	26.4	26.2	26	25.7	30
32						24.4	24.3	24	24	23.8	23.6	23.3	32
34							22.1	21.9	22	21.7	21.5	21.2	34
36								20.1	20.1	19.9	19.7	19.4	36
38									18.5	18.3	18	17.8	38
40									17	16.8	16.6	16.3	40
42										15.5	15.3	15	42
44											14.1	13.8	44
46												12.8	46
48													48
50													50
52													52
54													54
56													56
58													58
60													60
62													62
64													64
66													66
68													68
70													70
72													72
74													74

07 Load Chart

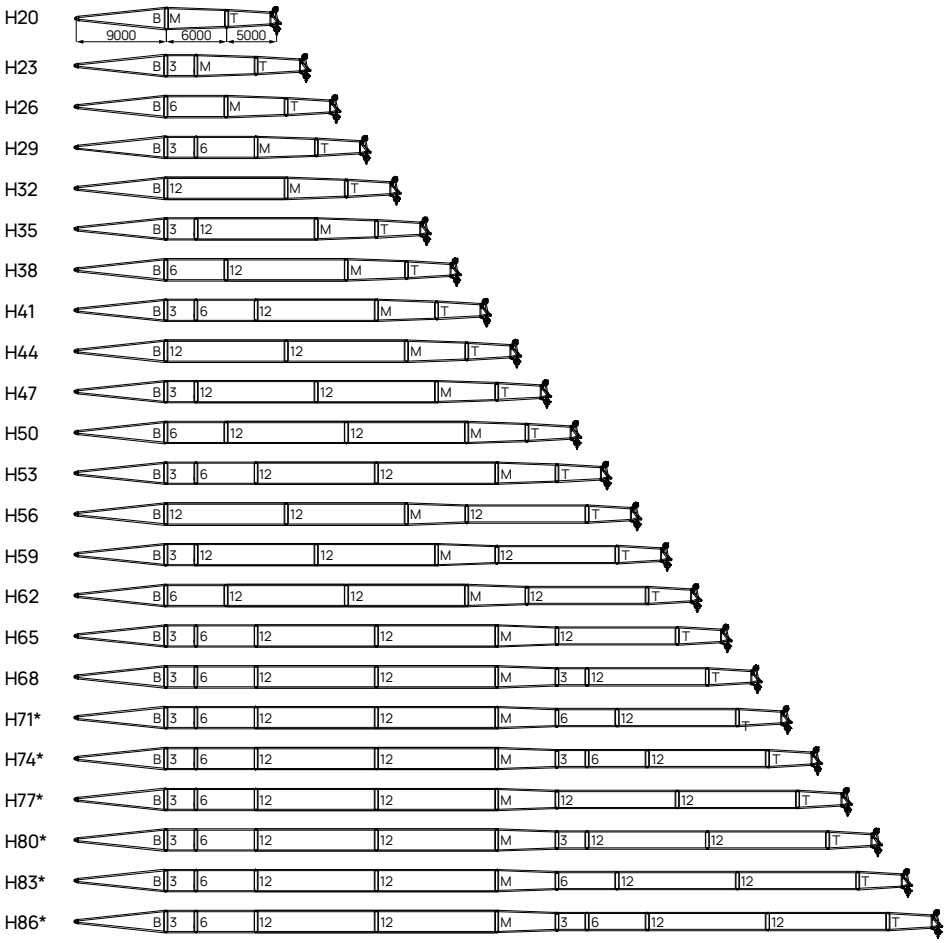
H configuration

Unit: t

m	Full counterweight											m
	56	59	62	65	68	71	74	77	80	83	86	
4.5												4.5
5												5
5.5												5.5
6												6
7												7
8	79.8	79.8	75.9									8
9	79.8	79.8	75.8	66.8	63.3	58.9	53.8					9
10	79.8	79.8	75.6	66.8	63	58.7	53.7	49.2	45	41.1		10
11	79.8	79.8	75	66.8	62.8	58.8	53.5	49	44.9	41	37.6	11
12	78.4	76.8	74.8	66.8	62.1	58.6	53.6	49.1	44.7	41	37.4	12
14	66.7	65.4	64.1	62.9	60.2	58.4	53.4	48.9	44.5	40.4	36.6	14
16	57.8	56.7	55.6	54.6	53.5	52.6	51.6	48.1	43.5	39.5	35.8	16
18	50.7	49.8	48.9	48	47	46.3	45.4	44.9	42.6	38.6	35	18
20	45.1	44.2	43.4	42.6	41.8	41.1	40.3	39.9	39.1	37.7	34.1	20
22	40.4	39.6	38.9	38.2	37.4	36.8	36.1	35.7	35	34.5	33.3	22
24	35.9	35.6	35.1	34.4	33.7	33.2	32.5	32.2	31.5	31	30.4	24
26	32	31.7	31.5	31.2	30.5	30.1	29.4	29.2	28.5	28.1	27.5	26
28	28.7	28.5	28.2	28	27.7	27.4	26.8	26.6	26	25.5	24.9	28
30	25.9	25.7	25.4	25.2	24.9	24.8	24.4	24.3	23.7	23.3	22.7	30
32	23.5	23.3	23	22.8	22.5	22.4	22.1	22.1	21.7	21.3	20.8	32
34	21.4	21.2	21	20.7	20.4	20.3	20	20	19.7	19.5	19	34
36	19.6	19.4	19.1	18.8	18.5	18.4	18.1	18.2	17.9	17.7	17.4	36
38	18	17.7	17.5	17.2	16.9	16.8	16.5	16.5	16.2	16.1	15.8	38
40	16.5	16.3	16	15.8	15.4	15.3	15	15.1	14.8	14.6	14.3	40
42	15.2	15	14.7	14.5	14.1	14	13.7	13.8	13.5	13.3	13	42
44	14	13.8	13.6	13.3	13	12.8	12.5	12.6	12.3	12.1	11.8	44
46	13	12.7	12.5	12.2	11.9	11.8	11.4	11.5	11.2	11.1	10.7	46
48	12	11.7	11.5	11.2	10.9	10.8	10.5	10.5	10.2	10.1	9.8	48
50	11.1	10.8	10.6	10.3	10	9.9	9.6	9.6	9.3	9.2	8.9	50
52		10	9.8	9.5	9.2	9.1	8.8	8.8	8.5	8.4	8	52
54			9	8.7	8.4	8.3	8	8.1	7.7	7.6	7.3	54
56				8	7.7	7.6	7.3	7.4	7	6.9	6.6	56
58				7.4	7.1	7	6.6	6.7	6.4	6.3	5.9	58
60					6.4	6.3	6	6.1	5.8	5.6	5.3	60
62						5.8	5.5	5.5	5.2	5.1	4.8	62
64							4.9	5	4.7	4.5	4.2	64
66							4.4	4.5	4.2	4	3.7	66
68								4	3.7	3.6	3.3	68
70									3.3	3.1	2.8	70
72										2.7	2.4	72
74											2	74

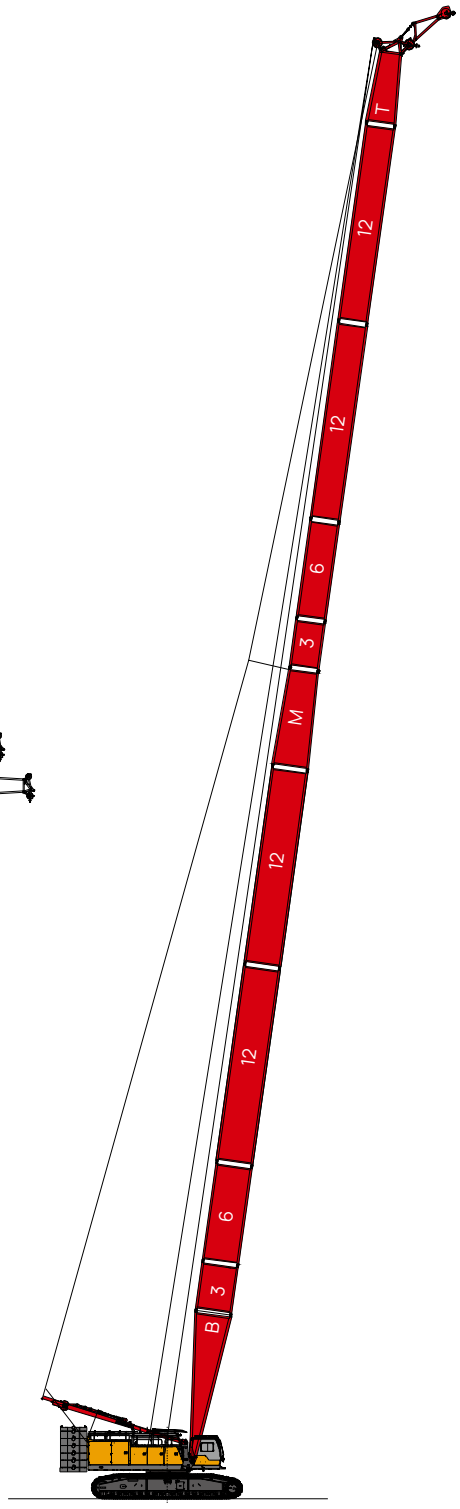
07 Boom Combination

HC configuration



Note: The boom combinations with "*" are recommended for purchasing.

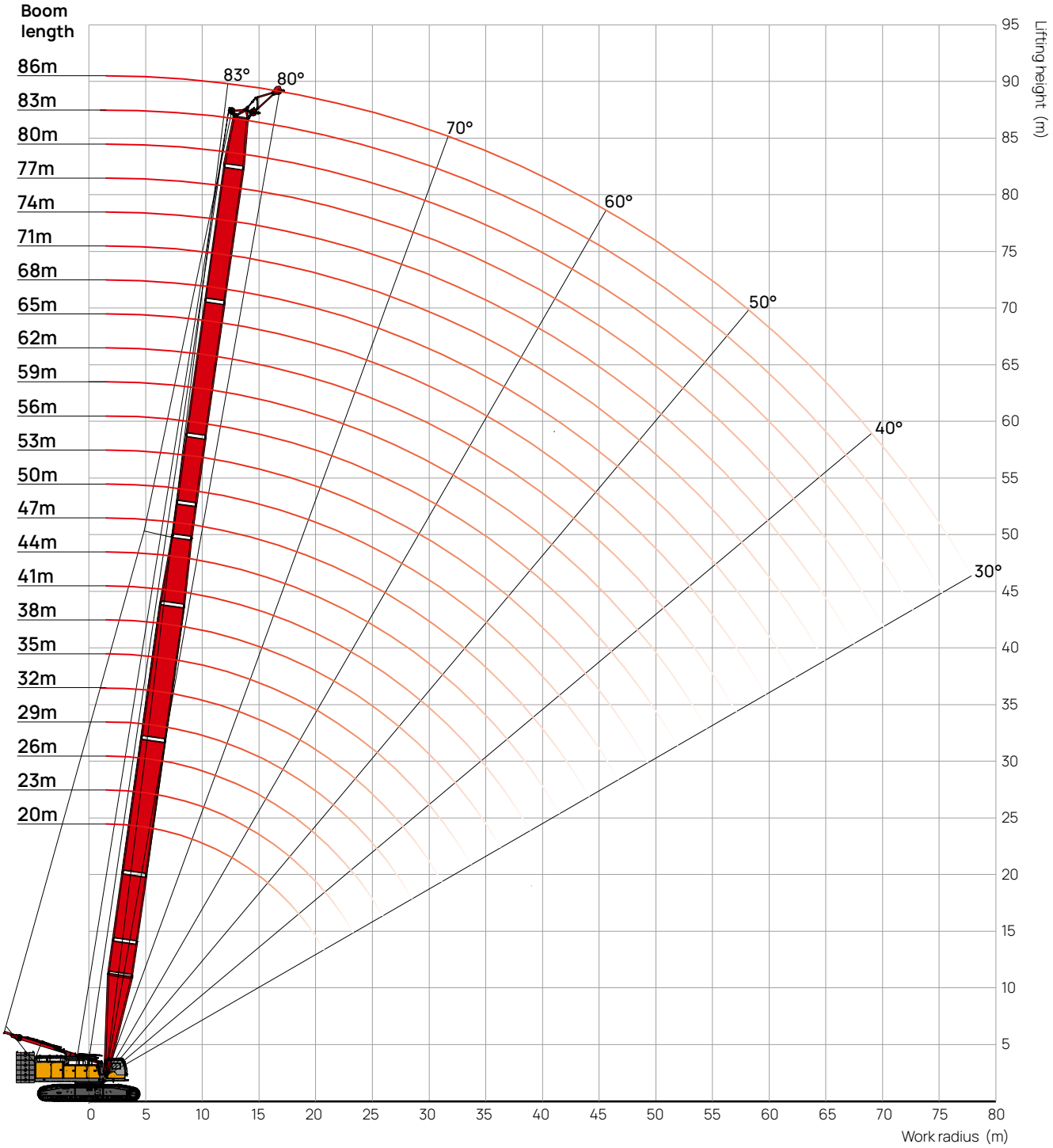
B	■ Boom base
M	■ Boom tapered insert
T	■ Boom top
3	■ Boom insert
6	■ Boom insert
12	■ Boom insert
3	■ Boom insert
6	■ Boom insert
12	■ Boom insert
	■ Jib runner



HC Configuration
(20m~86m)

07 Working Radius

HC configuration



07 Load Chart

HC configuration

Unit: t

m	Full counterweight												m
	21.6	24.6	27.6	30.6	33.6	36.6	39.6	42.6	45.6	48.6	51.6	54.6	
6	24												6
7	24	24	24	24	24								7
8	24	24	24	24	24	24	24	24	24				8
9	24	24	24	24	24	24	24	24	24	24	24	24	9
10	24	24	24	24	24	24	24	24	24	24	24	24	10
11	24	24	24	24	24	24	24	24	24	24	24	24	11
12	24	24	24	24	24	24	24	24	24	24	24	24	12
14	24	24	24	24	24	24	24	24	24	24	24	24	14
16	24	24	24	24	24	24	24	24	24	24	24	24	16
18	24	24	24	24	24	24	24	24	24	24	24	24	18
20	24	24	24	24	24	24	24	24	24	24	24	24	20
22	24	24	24	24	24	24	24	24	24	24	24	24	22
24		24	24	24	24	24	24	24	24	24	24	24	24
26			24	24	24	24	24	24	24	24	24	24	26
28			24	24	24	24	24	24	24	24	24	24	28
30				24	24	24	24	24	24	24	24	24	30
32					24	24	24	24	24	24	23.9	23.6	32
34					22.6	22.5	22.4	22.2	22.2	22	21.8	21.5	34
36						20.6	20.5	20.3	20.3	20.1	19.9	19.6	36
38							18.8	18.6	18.7	18.5	18.2	18	38
40							17.3	17.1	17.2	17	16.8	16.5	40
42								15.8	15.8	15.6	15.4	15.2	42
44									14.6	14.4	14.2	14	44
46									13.4	13.3	13.1	12.9	46
48										12.3	12.1	11.9	48
50											11.2	11	50
52												10.1	52
54												9.3	54
56													56
58													58
60													60
62													62
64													64
66													66
68													68
70													70
72													72
74													74
76													76
78													78

07 Load Chart

HC configuration

Unit: t

m	Full counterweight											m
	57.6	60.6	63.6	66.6	69.6	72.6	75.6	78.6	81.6	84.6	87.6	
6												6
7												7
8												8
9	24											9
10	24	24	24	24	24							10
11	24	24	24	24	24	24	24	24				11
12	24	24	24	24	24	24	24	24	24	24	24	12
14	24	24	24	24	24	24	24	24	24	24	24	14
16	24	24	24	24	24	24	24	24	24	24	24	16
18	24	24	24	24	24	24	24	24	24	24	24	18
20	24	24	24	24	24	24	24	24	24	24	24	20
22	24	24	24	24	24	24	24	24	24	24	24	22
24	24	24	24	24	24	24	24	24	24	24	24	24
26	24	24	24	24	24	24	24	24	24	24	24	26
28	24	24	24	24	24	24	24	24	24	24	24	28
30	24	24	24	24	24	24	24	24	23.9	23.5	23	30
32	23.8	23.6	23.3	23.1	22.8	22.7	22.4	22.4	21.9	21.5	21	32
34	21.7	21.5	21.2	21	20.7	20.6	20.3	20.3	20	19.7	19.2	34
36	19.8	19.6	19.4	19.1	18.8	18.7	18.4	18.5	18.2	18	17.6	36
38	18.2	17.9	17.7	17.5	17.1	17	16.7	16.8	16.5	16.4	16.1	38
40	16.7	16.5	16.2	16	15.7	15.6	15.3	15.3	15	14.9	14.6	40
42	15.4	15.1	14.9	14.6	14.3	14.2	13.9	14	13.7	13.6	13.3	42
44	14.2	14	13.7	13.5	13.1	13	12.7	12.8	12.5	12.3	12	44
46	13.1	12.9	12.6	12.4	12.1	11.9	11.6	11.7	11.4	11.3	11	46
48	12.1	11.9	11.6	11.4	11.1	10.9	10.6	10.7	10.4	10.3	10	48
50	11.2	11	10.7	10.5	10.1	10	9.7	9.8	9.5	9.3	9	50
52	10.3	10.1	9.9	9.6	9.3	9.2	8.9	9	8.6	8.5	8.2	52
54	9.5	9.3	9.1	8.8	8.5	8.4	8.1	8.2	7.9	7.7	7.4	54
56	8.8	8.6	8.4	8.1	7.8	7.7	7.4	7.5	7.2	7	6.7	56
58		7.9	7.7	7.4	7.1	7	6.7	6.8	6.5	6.4	6	58
60		7.2	7.1	6.8	6.5	6.4	6.1	6.2	5.9	5.7	5.4	60
62			6.4	6.2	5.9	5.8	5.5	5.6	5.3	5.2	4.8	62
64				5.7	5.4	5.3	5	5.1	4.7	4.6	4.3	64
66				5.1	4.7	4.8	4.5	4.5	4.2	4.1	3.8	66
68					3.9	4.3	4	4.1	3.8	3.6	3.3	68
70						3.8	3.5	3.6	3.3	3.2	2.9	70
72						3.3	3.1	3.2	2.9	2.7	2.4	72
74							2.6	2.8	2.5	2.3	2	74
76								2.3	2.1			76
78								2				78

07 Boom Combination

FJ configuration

FJ12 B 3 M T

FJ15 B 3 M 3 T

FJ18 B 3 6 M T

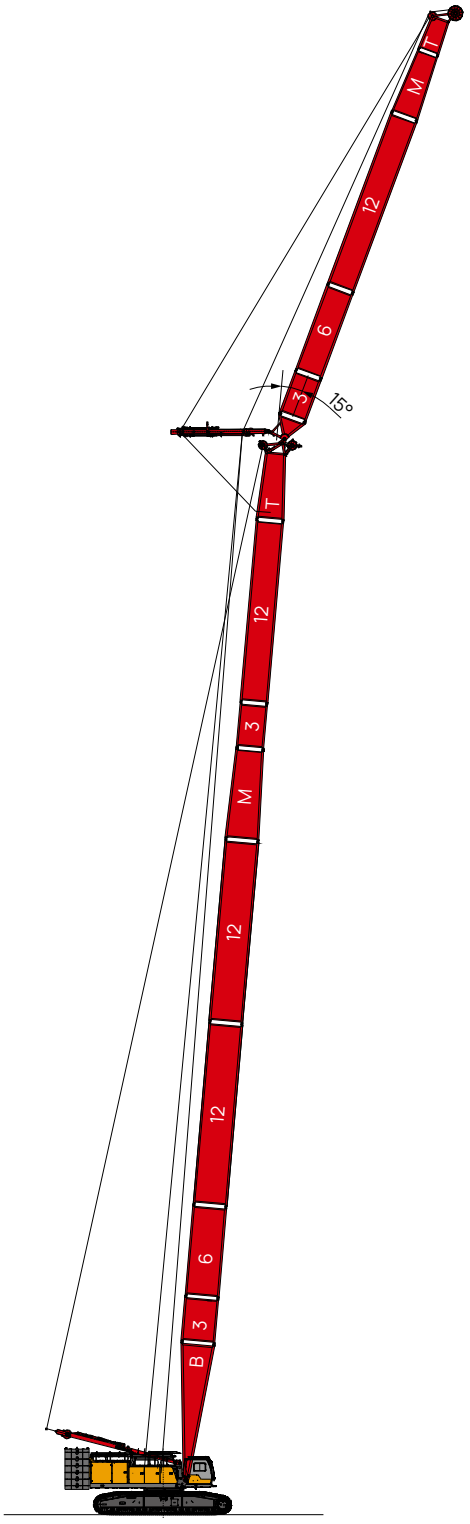
FJ21 B 3 6 M 3 T

FJ24 B 3 6 M 6 T

FJ27 B 3 12 M 3 T

FJ30 B 3 6 12 M T

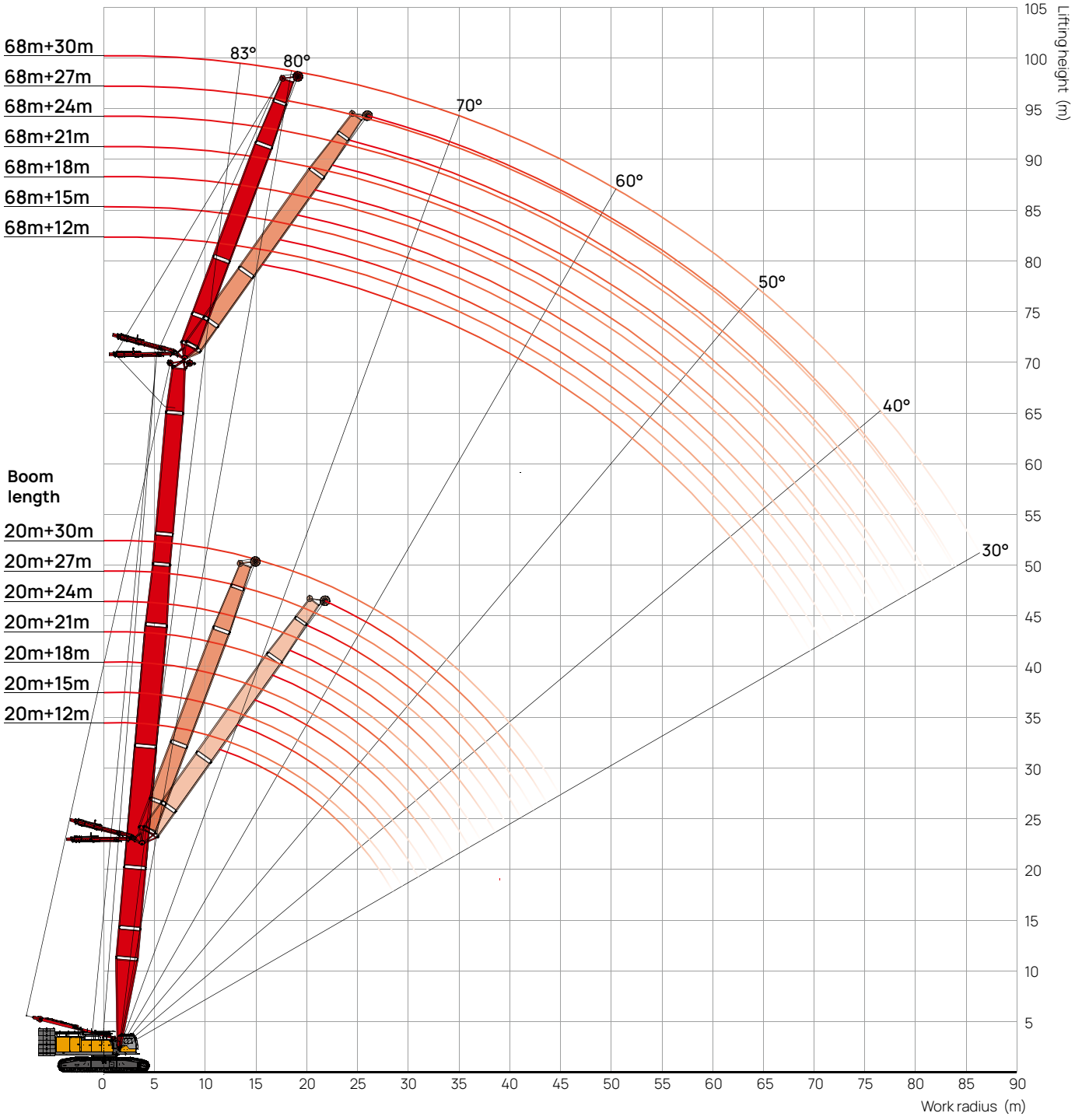
B	■ Jib base
M	■ Jib tapered insert
T	■ Jib top
3	■ Jib insert
6	■ Jib insert
12	■ Jib insert
3	■ Jib insert
6	■ Jib insert



FJ configuration
(20m~68m)+(12m~30m)

07 Working Radius

FJ configuration



07 Load Chart

FJ configuration

Unit: t

m	Angle 30°, 18m jib, Full counterweight (Rear counterweight 77t, Carbody counterweight 20t)																	m
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68	
15	24.4																	15
16	23.7	22.8	26.2	28.2	29.6													16
17	23	22.3	25.6	27.7	29	29.9	29.9	30	29.9									17
18	22.4	21.8	25.1	27.3	28.5	29.3	29.4	29.5	29.4	29.3	29.4	29	19					18
19	21.7	21.3	24.6	26.8	28.2	28.7	28.8	28.9	28.9	28.9	29	28.6	18.7	18.4	18.1	18	18.1	19
20	21.1	20.8	24.1	26.4	27.9	28.2	28.2	28.4	28.5	28.5	28.6	28.2	18.4	18.1	18	17.8	17.9	20
21	20.6	20.3	23.6	25.9	27.4	27.7	27.7	28	28	28	28.1	27.9	18.2	17.9	17.8	17.6	17.7	21
22	20.2	19.9	23.1	25.5	26.9	27.2	27.3	27.6	27.5	27.5	27.7	27.6	18	17.7	17.6	17.4	17.6	22
23	19.6	19.5	22.7	25.1	26.6	26.6	26.8	27.1	27.1	27.1	27.3	27.2	17.8	17.5	17.4	17.1	17.4	23
24	19.1	19.1	22.3	24.7	26.3	26	26.4	26.7	26.7	26.8	26.9	26.9	17.6	17.4	17.2	16.9	17.3	24
25	18.7	18.7	21.9	24.2	25.9	25.6	26	26.2	26.3	26.5	26.6	26.5	17.3	17.2	17	16.7	17.1	25
26	18.4	18.4	21.5	23.9	25.5	25.3	25.7	25.8	26	26.3	26.4	26.1	17.1	17.1	16.9	16.6	16.9	26
27	18.1	18.1	21.2	23.6	25	25	25.2	25.4	25.6	25.8	26	25.8	16.9	16.9	16.7	16.5	16.7	27
28	17.8	17.8	20.9	23.3	24.6	24.8	24.9	25.1	25.2	25.3	25.6	25.6	16.8	16.8	16.6	16.5	16.7	28
29	17.5	17.5	20.6	22.9	24.2	24.5	24.5	24.7	24.8	25.1	25.2	25.1	16.6	16.6	16.4	16.3	16.5	29
30	17.2	17.2	20.3	22.6	23.9	24.3	24.2	24.4	24.5	24.9	24.9	24.7	16.5	16.4	16.2	16.1	16.3	30
31	16.9	16.9	20	22.3	23.4	23.9	23.9	24	24.2	24.6	24.4	24.3	16.3	16.2	16.1	16	16.2	31
32	16.7	16.7	19.8	22.1	23	23.6	23.7	23.7	23.7	23.5	23.4	23.2	16.2	16.1	16	15.9	16.1	32
33	16.4	16.5	19.5	21.8	22.6	23	22.8	22.6	22.5	22.3	22.2	22	16	15.9	15.8	15.8	15.9	33
34	16.2	16.3	19.3	21.6	22.1	21.9	21.7	21.5	21.4	21.2	21	20.8	15.9	15.8	15.7	15.7	15.8	34
35	16.1	16.1	19.1	21.1	21.1	20.9	20.7	20.5	20.4	20.2	20	19.8	15.8	15.7	15.6	15.6	15.7	35
36	16	16	18.9	20.1	20.1	19.9	19.7	19.5	19.4	19.2	19	18.8	15.8	15.6	15.5	15.5	15.6	36
37	16	15.9	18.7	19.2	19.1	18.9	18.7	18.5	18.4	18.2	18	17.8	15.6	15.5	15.4	15.3	15.5	37
38		15.8	18.5	18.3	18.3	18.1	17.9	17.7	17.6	17.4	17.2	16.9	15.4	15.4	15.3	15.2	15.4	38
39		15.9	17.6	17.4	17.4	17.2	17	16.8	16.7	16.5	16.3	16.1	15.3	15.3	15.2	15.1	15.2	39
40			16.8	16.6	16.6	16.4	16.2	16	15.9	15.7	15.5	15.3	15.2	15.2	15	14.7	14.5	40
41			16	15.9	15.9	15.7	15.5	15.3	15.2	15	14.8	14.6	14.6	14.4	14.2	14	13.7	41
42			15.2	15.1	15.1	15	14.8	14.6	14.5	14.3	14.1	13.8	13.9	13.7	13.5	13.3	13	42
43				14.4	14.5	14.3	14.1	13.9	13.8	13.6	13.4	13.2	13.2	13	12.8	12.6	12.3	43
44				13.7	13.8	13.6	13.4	13.2	13.2	12.9	12.7	12.5	12.6	12.4	12.2	11.9	11.7	44
45				13	13.1	13	12.8	12.6	12.5	12.3	12.1	11.9	12	11.7	11.5	11.3	11.1	45
46					12.5	12.4	12.2	12	11.9	11.7	11.5	11.3	11.4	11.2	10.9	10.7	10.5	46
47					11.9	11.8	11.6	11.4	11.4	11.2	11	10.7	10.8	10.6	10.4	10.1	9.9	47
48						11.2	11.1	10.9	10.8	10.6	10.4	10.2	10.3	10	9.8	9.6	9.3	48
49						10.7	10.5	10.4	10.3	10.1	9.9	9.7	9.7	9.5	9.3	9.1	8.8	49
50						10.1	10	9.8	9.8	9.6	9.4	9.2	9.2	9	8.8	8.6	8.3	50
51							9.5	9.4	9.3	9.1	8.9	8.7	8.8	8.6	8.3	8.1	7.8	51
52							9	8.9	8.8	8.7	8.5	8.2	8.3	8.1	7.9	7.6	7.4	52
53								8.4	8.4	8.2	8	7.8	7.9	7.7	7.4	7.2	6.9	53
54								7.9	8	7.8	7.6	7.4	7.4	7.2	7	6.8	6.5	54
55								7.5	7.5	7.3	7.2	6.9	7	6.8	6.6	6.4	6.1	55
56									7.1	6.9	6.8	6.5	6.6	6.4	6.2	6	5.7	56
57									6.7	6.5	6.4	6.2	6.3	6	5.8	5.6	5.3	57
58									6.3	6.1	6	5.8	5.9	5.7	5.4	5.2	4.9	58
59										5.8	5.6	5.4	5.5	5.3	5.1	4.9	4.6	59
60										5.4	5.2	5.1	5.2	5	4.7	4.5	4.2	60
61											4.9	4.7	4.8	4.6	4.4	4.2	3.9	61
62											4.5	4.4	4.5	4.3	4.1	3.9	3.6	62
63											4.2	4	4.2	4	3.8	3.5	3.3	63
64												3.7	3.9	3.7	3.5	3.2	3	64
65												3.4	3.6	3.4	3.2	2.9	2.7	65
66													3.3	3.1	2.9	2.6	2.4	66
67													3	2.8	2.6	2.4	2.1	67
68													2.7	2.5	2.3	2.1		68
69														2.2	2			69

07 Load Chart

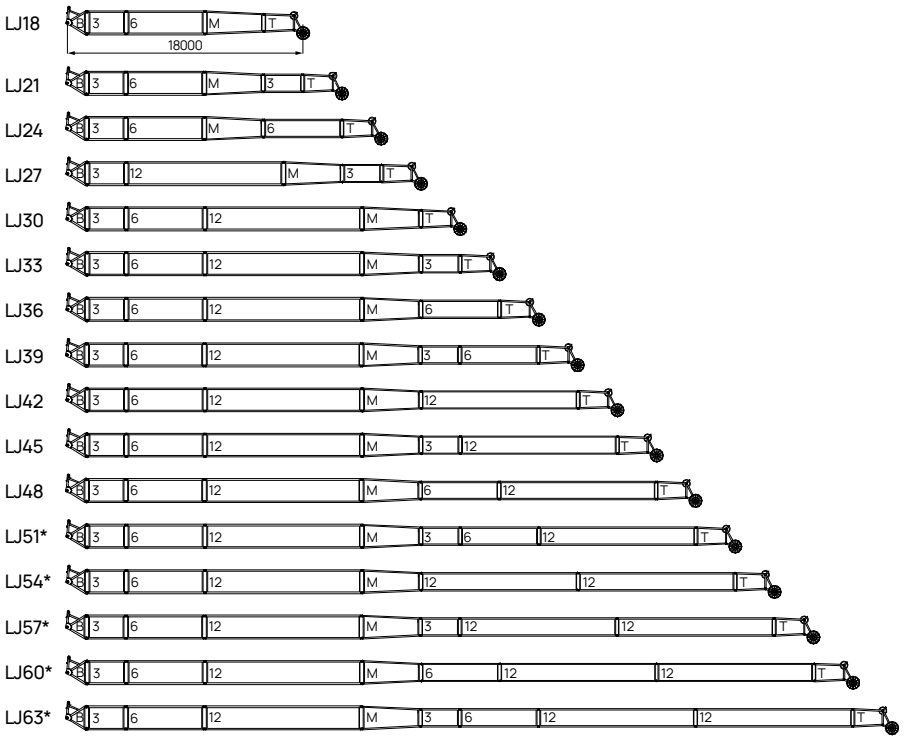
FJ configuration

Unit: t

m	Angle 30°, 30m jib, Full counterweight (Rear counterweight 77t, Carbody counterweight 20t)																	m
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68	
22	13.2																	22
23	12.7	12.2	14.1	15.3	16.2													23
24	12.3	11.9	13.8	15.1	15.9	16.8	16.8	16.8	16.9									24
25	12	11.6	13.5	14.8	15.7	16.5	16.5	16.5	16.5	16.5	16.5	16.5	10.2					25
26	11.7	11.3	13.2	14.6	15.5	16.2	16.2	16.3	16.2	16.2	16.3	16.3	10.1	9.9	9.8	9.6	9.8	26
27	11.3	11.1	12.9	14.3	15.3	15.8	15.9	15.9	15.9	15.9	16	16	9.9	9.8	9.6	9.5	9.6	27
28	11	10.9	12.7	14.1	15.1	15.5	15.6	15.6	15.7	15.6	15.8	15.8	9.8	9.7	9.5	9.4	9.5	28
29	10.8	10.6	12.4	13.9	14.8	15.2	15.2	15.3	15.4	15.4	15.5	15.5	9.7	9.5	9.4	9.2	9.4	29
30	10.6	10.3	12.2	13.7	14.6	14.9	14.9	15.1	15.2	15.2	15.2	15.3	9.6	9.4	9.3	9.1	9.3	30
31	10.3	10.1	12	13.5	14.3	14.6	14.7	14.8	14.9	14.9	15	15.1	9.4	9.3	9.2	9	9.2	31
32	10	9.9	11.8	13.3	14.1	14.4	14.5	14.6	14.7	14.7	14.8	14.9	9.3	9.2	9.1	8.9	9.1	32
33	9.8	9.7	11.6	13	13.9	14.1	14.2	14.4	14.5	14.5	14.6	14.7	9.1	9	8.9	8.8	9	33
34	9.6	9.5	11.4	12.8	13.7	13.8	13.9	14.2	14.3	14.4	14.5	14.5	9	8.9	8.8	8.7	8.9	34
35	9.3	9.2	11.2	12.5	13.4	13.6	13.7	13.9	14.1	14.2	14.2	14.2	8.9	8.8	8.7	8.6	8.8	35
36	9.1	9	11	12.3	13.2	13.4	13.6	13.7	13.9	14	14	14	8.8	8.8	8.6	8.5	8.8	36
37	8.8	8.8	10.8	12.1	13	13.2	13.3	13.4	13.6	13.8	13.8	13.7	8.7	8.6	8.5	8.4	8.6	37
38	8.7	8.7	10.7	11.9	12.8	13	13.1	13.2	13.4	13.6	13.6	13.4	8.6	8.5	8.4	8.3	8.5	38
39	8.5	8.5	10.5	11.7	12.6	12.8	12.9	13	13.2	13.4	13.3	13.2	8.5	8.4	8.3	8.2	8.4	39
40	8.3	8.4	10.4	11.6	12.4	12.6	12.8	12.9	13.1	13.2	13.1	13.1	8.4	8.3	8.3	8.1	8.4	40
41	8.1	8.2	10.2	11.4	12.2	12.4	12.6	12.7	12.9	13	12.9	12.9	8.3	8.2	8.2	8	8.3	41
42	8	8.1	10	11.3	12	12.2	12.4	12.5	12.7	12.8	12.7	12.7	8.2	8.1	8.1	8	8.2	42
43	7.8	7.9	9.8	11.1	11.8	12	12.2	12.3	12.5	12.6	12.5	12.5	8.1	8	8	7.9	8.1	43
44	7.7	7.8	9.7	11	11.7	11.8	12	12.2	12.3	12.4	12.4	12.3	8	8	7.9	7.9	8	44
45	7.6	7.7	9.6	10.8	11.5	11.6	11.8	12	12.1	12.2	12.1	12.1	7.9	7.9	7.8	7.8	7.9	45
46	7.5	7.6	9.5	10.7	11.3	11.5	11.7	11.8	12	12	11.9	11.9	7.9	7.8	7.7	7.7	7.8	46
47	7.4	7.5	9.4	10.5	11.2	11.4	11.5	11.7	11.8	11.8	11.7	11.7	7.8	7.7	7.6	7.6	7.7	47
48	7.4	7.4	9.3	10.4	11.1	11.3	11.4	11.6	11.7	11.7	11.5	11.3	7.8	7.7	7.6	7.6	7.7	48
49	7.4	7.3	9.2	10.3	11	11.1	11.2	11.4	11.4	11.2	11	10.8	7.7	7.6	7.5	7.5	7.6	49
50		7.3	9.1	10.2	10.9	11	11.1	11	10.9	10.7	10.5	10.3	7.6	7.5	7.5	7.5	7.6	50
51		7.3	9	10.1	10.8	10.9	10.7	10.5	10.4	10.2	10	9.8	7.5	7.4	7.4	7.4	7.5	51
52			8.9	10.1	10.6	10.4	10.2	10	9.9	9.7	9.5	9.3	7.4	7.4	7.4	7.4	7.5	52
53			8.9	10	10.1	10	9.8	9.5	9.4	9.2	9	8.8	7.3	7.3	7.3	7.3	7.4	53
54			8.9	9.7	9.7	9.5	9.3	9.1	9	8.8	8.6	8.4	7.2	7.2	7.3	7.2	7.4	54
55				9.2	9.2	9.1	8.9	8.7	8.6	8.3	8.1	7.9	7.1	7.1	7.2	7.1	7.1	55
56				8.8	8.8	8.6	8.5	8.2	8.1	7.9	7.7	7.5	7.1	7.1	7.1	6.9	6.7	56
57				8.3	8.4	8.2	8	7.8	7.7	7.5	7.3	7.1	7	6.9	6.7	6.5	6.3	57
58					7.9	7.8	7.6	7.4	7.3	7.1	6.9	6.7	6.7	6.5	6.3	6.1	5.9	58
59					7.5	7.4	7.3	7.1	7	6.8	6.6	6.3	6.4	6.2	5.9	5.7	5.5	59
60						7	6.9	6.7	6.6	6.4	6.2	6	6	5.8	5.6	5.4	5.1	60
61						6.6	6.5	6.3	6.2	6	5.8	5.6	5.6	5.4	5.2	5	4.8	61
62						6.2	6.1	6	5.9	5.7	5.5	5.3	5.3	5.1	4.9	4.7	4.4	62
63							5.8	5.6	5.6	5.4	5.2	4.9	5	4.8	4.6	4.3	4.1	63
64							5.4	5.3	5.2	5	4.8	4.6	4.7	4.4	4.2	4	3.8	64
65								4.9	4.9	4.7	4.5	4.3	4.3	4.1	3.9	3.7	3.4	65
66								4.6	4.6	4.4	4.2	4	4	3.8	3.6	3.4	3.1	66
67								4.2	4.3	4.1	3.9	3.7	3.7	3.5	3.3	3.1	2.8	67
68									3.9	3.8	3.6	3.4	3.5	3.2	3	2.8	2.6	68
69									3.6	3.5	3.3	3.1	3.2	3	2.8	2.5	2.3	69
70									3.3	3.2	3	2.8	2.9	2.7	2.5	2.3	2	70
71										2.9	2.8	2.6	2.6	2.4	2.2	2		71
72										2.6	2.5	2.3	2.4	2.2	2			72
73											2.2	2	2.1					73

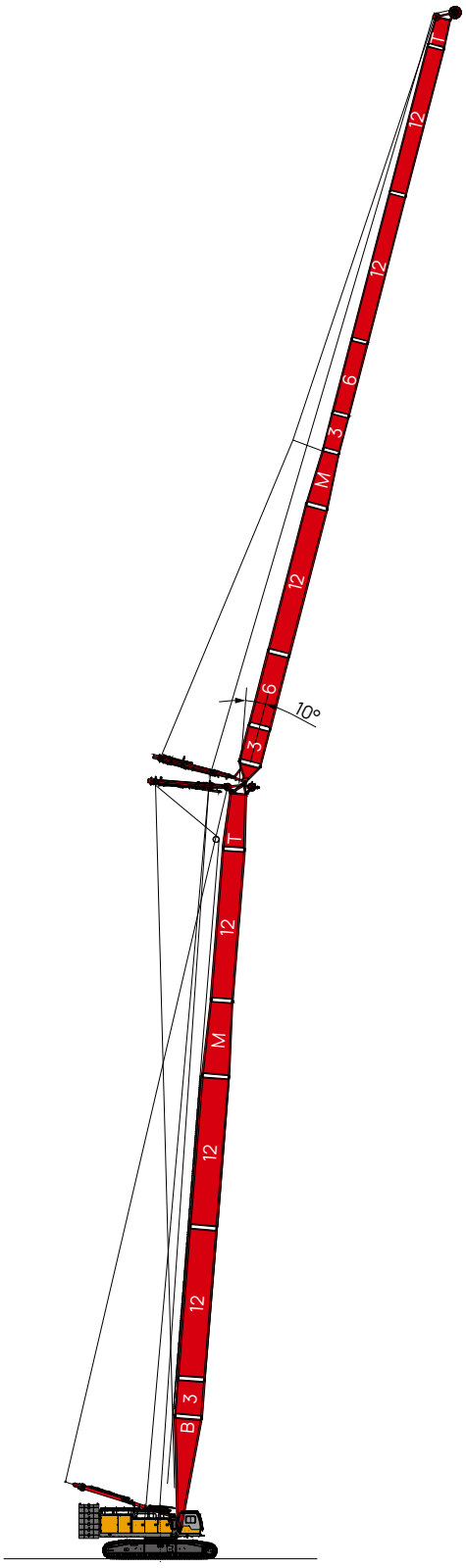
07 Boom Combination

LJ configuration



Note: The boom combinations with "*" are recommended for purchasing.

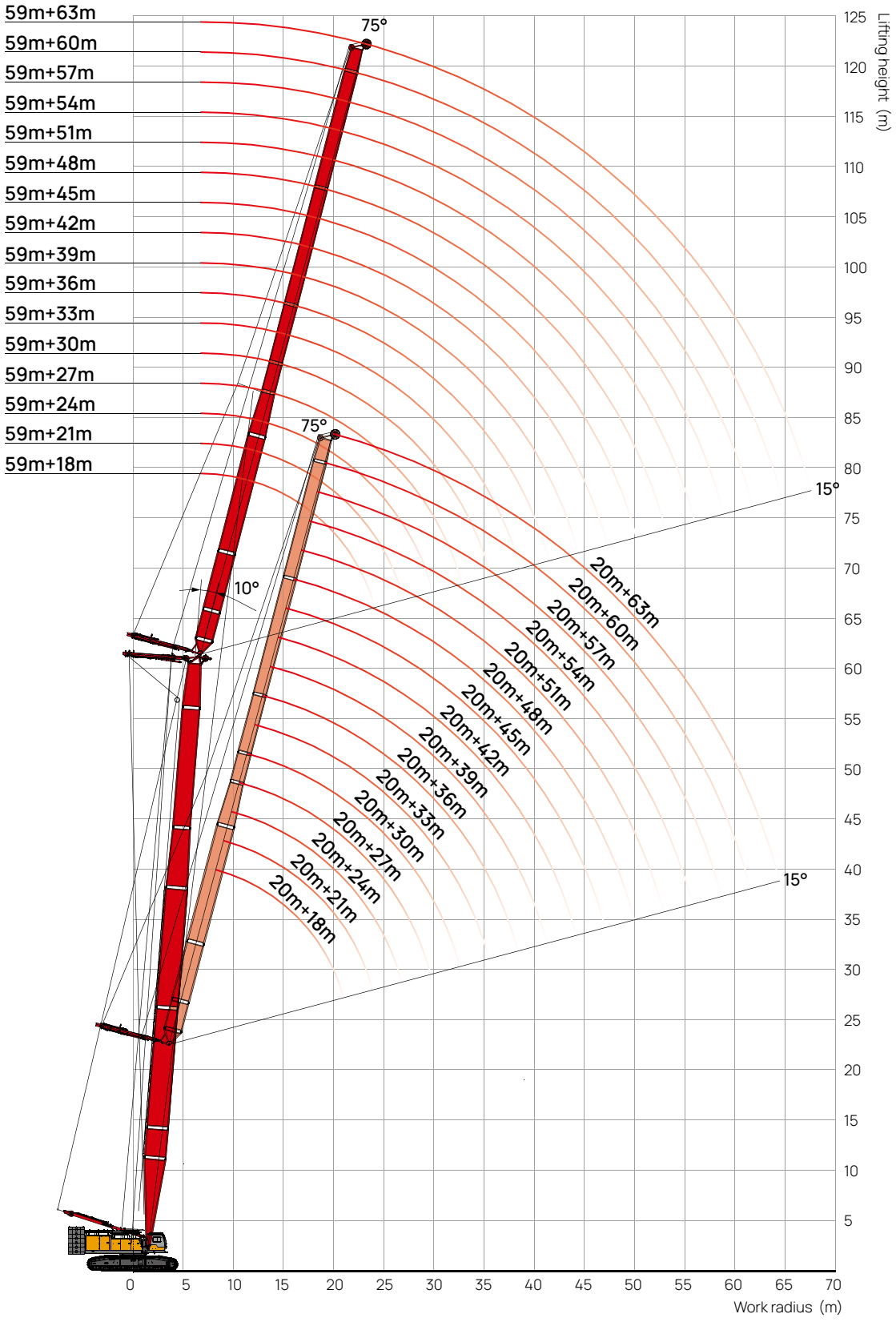
B	■ Jib base
M	■ Jib tapered insert
T	■ Jib top
3	■ Jib insert
6	■ Jib insert
12	■ Jib insert
3	■ Jib insert
6	■ Jib insert
12	■ Jib insert



LJ configuration
(20m~59m)+(18m~63m)

07 Working Radius

LJ configuration



07 Load Chart

LJ configuration

Unit: t

m	Boom angle 85°, 41m jib, Full counterweight																m
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	
12	59.1	44.5															12
13	59.1	44.5	44.5														13
14	59.1	44.5	44.5	44.5													14
15	59.1	44.5	44.5	44.5	44.5	44.5											15
16	53.8	44.5	44.5	44.5	44.5	44.5	29.8										16
17	51.2	44.5	44.5	44.5	44.5	44.5	29.8	29.8									17
18	46.1	44.5	44.5	44.5	44.5	44.5	29.8	29.8	29.8	29.8							18
19	41.6	40.6	40.9	41.2	41.3	41.5	29.8	29.8	29.8	29.8	29.8						19
20	37.7	39.4	39.8	37.9	37.9	38.2	29.8	29.8	29.8	29.8	29.8	29.4					20
21	34	36.1	36.6	34.9	35	35.3	29.8	29.8	29.8	29.8	29.8	29.2	26.4				21
22	30.4	33.1	33.8	34.3	32.4	32.7	32.9	29.8	29.8	29.8	29.8	29.1	26.4	23.8	21.5		22
23	28.5	30.3	31.2	31.9	30.1	30.4	30.7	29.8	29.8	29.8	29.8	28.9	26.2	23.7	21.4	15	23
24		27.7	28.9	29.6	29.9	28.4	28.7	28.8	28.9	28.9	29	28.7	26.1	23.6	21.3	15	24
25		25.1	26.7	27.5	27.9	26.5	26.8	27	27.1	27.1	27.2	27.1	25.9	23.4	20.9	15	25
26		23.8	24.6	25.6	26.1	26.5	25.2	25.3	25.5	25.5	25.6	25.5	25.5	23.1	20.4	15	26
27			22.6	23.9	24.4	24.9	23.6	23.8	24	24	24.1	24.1	24.1	22.7	20	15	27
28			22	22.2	22.8	23.4	23.8	22.4	22.6	22.7	22.7	22.7	22.7	22.3	19.7	15	28
29				20.6	21.4	22	22.4	21.2	21.4	21.5	21.5	21.5	21.5	21.5	19.2	15	29
30				19	20	20.7	21.1	21.4	20.2	20.3	20.4	20.4	20.4	20.3	18.9	15	30
31				18.7	18.7	19.4	19.9	20.2	19.2	19.2	19.3	19.3	19.4	19.3	18.6	15	31
32					17.4	18.3	18.8	19.2	19.4	18.3	18.3	18.3	18.4	18.3	18.3	15	32
33					16.1	17.2	17.8	18.1	18.4	17.3	17.4	17.4	17.5	17.5	17.4	15	33
34					15.9	16.1	16.8	17.2	17.5	17.7	16.6	16.6	16.6	16.6	16.6	15	34
35						15	15.8	16.3	16.6	16.8	15.8	15.8	15.9	15.8	15.8	15.3	35
36						13.9	14.9	15.4	15.8	16	16.1	15.1	15.1	15.1	15.1	15	36
37						13.9	14	14.6	15	15.2	15.4	14.3	14.4	14.4	14.4	14.3	37
38							13.1	13.8	14.3	14.5	14.7	14.7	13.8	13.8	13.7	13.7	38
39							12.2	13	13.5	13.8	14	14.1	13.2	13.1	13.1	13.1	39
40							12.2	12.3	12.8	13.1	13.3	13.4	13.5	12.6	12.6	12.5	40
41								11.5	12.2	12.5	12.7	12.8	13	12	12	12	41
42								11.6	11.5	11.9	12.1	12.3	12.4	12.4	11.5	11.5	42
43								10.7	10.8	11.3	11.6	11.7	11.9	11.9	11	11	43
44									10.2	10.7	11	11.2	11.3	11.4	11.4	10.5	44
45									10.4	10.1	10.5	10.7	10.8	10.9	10.9	10.1	45
46									9.6	9.5	10	10.2	10.4	10.4	10.5	10.5	46
47										9	9.5	9.7	9.9	10	10	10	47
48										9.2	8.9	9.2	9.5	9.6	9.6	9.6	48
49										8.5	8.4	8.8	9	9.1	9.2	9.2	49
50											7.9	8.3	8.6	8.7	8.8	8.8	50
51											8.1	7.9	8.2	8.3	8.4	8.5	51
52											7.5	7.4	7.8	8	8.1	8.1	52
53												7	7.4	7.6	7.7	7.8	53
54												7.2	7	7.2	7.4	7.4	54
55												6.6	6.6	6.9	7	7.1	55
56													6.2	6.5	6.7	6.8	56
57													6.4	6.1	6.4	6.5	57
58														5.8	6	6.2	58
59														5.4	5.7	5.9	59
60														5.6	5.4	5.6	60
61															5.1	5.3	61
62															5.3	5	62
63															4.9	4.7	63
64																4.4	64
65																4.6	65
66																4.3	66

07 Load Chart

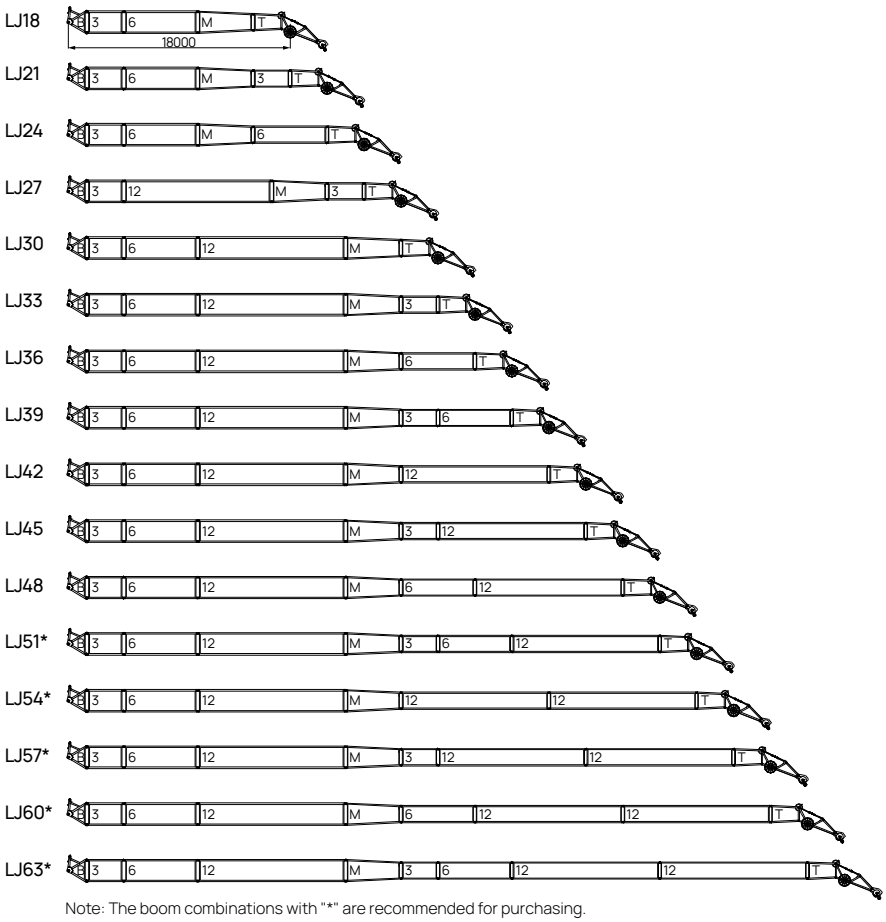
LJ configuration

Unit: t

m	Boom angle 85°, 59m jib, Full counterweight																m
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	
13	29.8																13
14	29.8	29.8															14
15	29.8	29.8	29.8	29.8													15
16	29.8	29.8	29.8	29.8	29.2												16
17	29.8	29.8	29.8	29.8	28.6	26.2											17
18	29.8	29.8	29.8	29.8	28	26.2	24.5										18
19	35	29.8	29.8	29.4	27.3	25.6	24	22.4	15								19
20	33.6	29.8	29.8	28.6	26.7	25.1	23.6	22.1	15	15							20
21	32	29.8	29.6	27.9	26	24.5	23.1	21.7	20.4	15	15						21
22	30.4	29.8	28.8	27.2	25.4	24	22.6	21.3	20.1	15	15	15	15				22
23	28.9	28.5	27.7	26.4	24.7	23.4	22.1	20.9	19.7	15	15	15	14.9	13.6			23
24	27.5	27.3	26.5	25.7	24.1	22.9	21.7	20.5	19.4	15	15	15	14.7	13.6	12.6		24
25		26.1	25.4	24.8	23.5	22.3	21.2	20	19	15	15	15	14.5	13.4	12.4	11.3	25
26		25	24.3	23.8	22.8	21.8	20.8	19.6	18.7	15	15	15	14.4	13.3	12.3	11.3	26
27		25	23.4	22.8	22	21.3	20.3	19.2	18.2	15	15	15	14.2	13.1	12.1	11.2	27
28			22.5	21.9	21.2	20.7	19.8	18.8	17.9	15	15	14.9	14	13	12	11.1	28
29			21.6	21.1	20.4	20	19.4	18.4	17.5	15	15	14.6	13.7	12.8	11.8	10.9	29
30			20.7	20.3	19.6	19.3	18.9	18	17.2	15	15	14.4	13.5	12.6	11.7	10.8	30
31				19.5	18.9	18.5	18.2	17.6	16.8	15	15	14.1	13.3	12.4	11.5	10.6	31
32				18.8	18.2	17.8	17.5	17.2	16.5	15.7	14.8	13.9	13.2	12.3	11.4	10.5	32
33				17.9	17.5	17.2	16.9	16.6	16.2	15.3	14.5	13.6	12.9	12.1	11.2	10.3	33
34					16.9	16.7	16.3	16.1	15.6	15	14.3	13.4	12.7	11.9	11.1	10.2	34
35					16.2	16.1	15.8	15.5	15.1	14.7	14	13.2	12.5	11.7	10.9	10.1	35
36					15.3	15.6	15.3	15	14.6	14.4	13.7	13	12.3	11.5	10.8	10	36
37						15	14.8	14.5	14.1	13.9	13.4	12.7	12.1	11.3	10.6	9.8	37
38						14.5	14.3	14	13.7	13.5	13.2	12.5	11.9	11.1	10.4	9.7	38
39						13.4	13.8	13.5	13.3	13.1	12.7	12.3	11.7	10.9	10.2	9.5	39
40							13.4	13.1	12.9	12.7	12.3	12	11.5	10.8	10.1	9.4	40
41							12.8	12.7	12.5	12.2	11.9	11.6	11.3	10.6	9.9	9.2	41
42							11.8	12.3	12.1	11.8	11.6	11.3	11	10.4	9.7	9.1	42
43								11.9	11.7	11.5	11.3	11	10.7	10.2	9.5	8.9	43
44								11.3	11.4	11.1	11	10.7	10.4	10	9.4	8.8	44
45								10.4	11.4	10.8	10.7	10.3	10.1	9.7	9.2	8.6	45
46									10.8	10.5	10.4	10.1	9.8	9.4	9.1	8.5	46
47									10.1	10.2	10.1	9.8	9.5	9.1	8.9	8.4	47
48										9.9	9.8	9.5	9.2	8.9	8.7	8.3	48
49										9.6	9.5	9.2	8.9	8.6	8.4	8	49
50										8.9	9.2	8.9	8.7	8.4	8.2	7.8	50
51											8.9	8.6	8.4	8.2	7.9	7.6	51
52											8.5	8.4	8.2	8	7.7	7.4	52
53											7.9	8.1	7.9	7.7	7.4	7.2	53
54												7.9	7.7	7.5	7.2	7	54
55												7.5	7.4	7.3	7	6.8	55
56												7	7.2	7.1	6.8	6.6	56
57													7.1	6.8	6.6	6.3	57
58													6.7	6.6	6.4	6.1	58
59													6.2	6.4	6.2	6	59
60														6.2	6.1	5.8	60
61														5.9	5.9	5.6	61
62														5.5	5.7	5.4	62
63															5.5	5.2	63
64															5.2	5.1	64
65															4.8	4.9	65
66																4.8	66
67																4.5	67
68																4.2	68

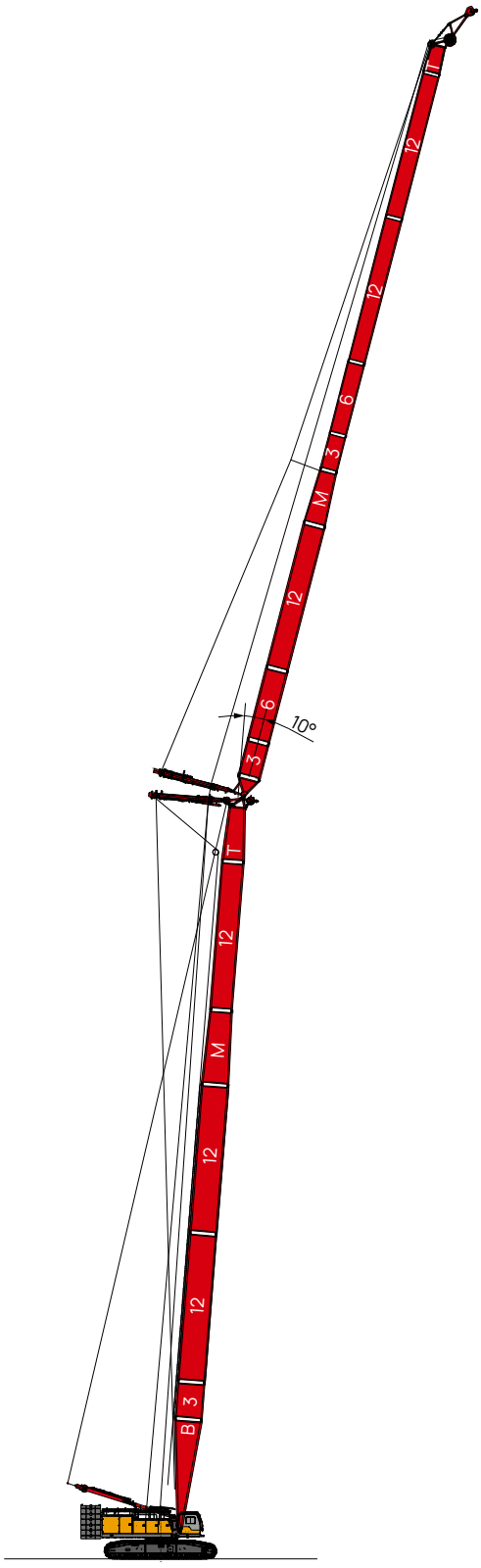
07 Boom Combination

LJC configuration



Note: The boom combinations with "*" are recommended for purchasing.

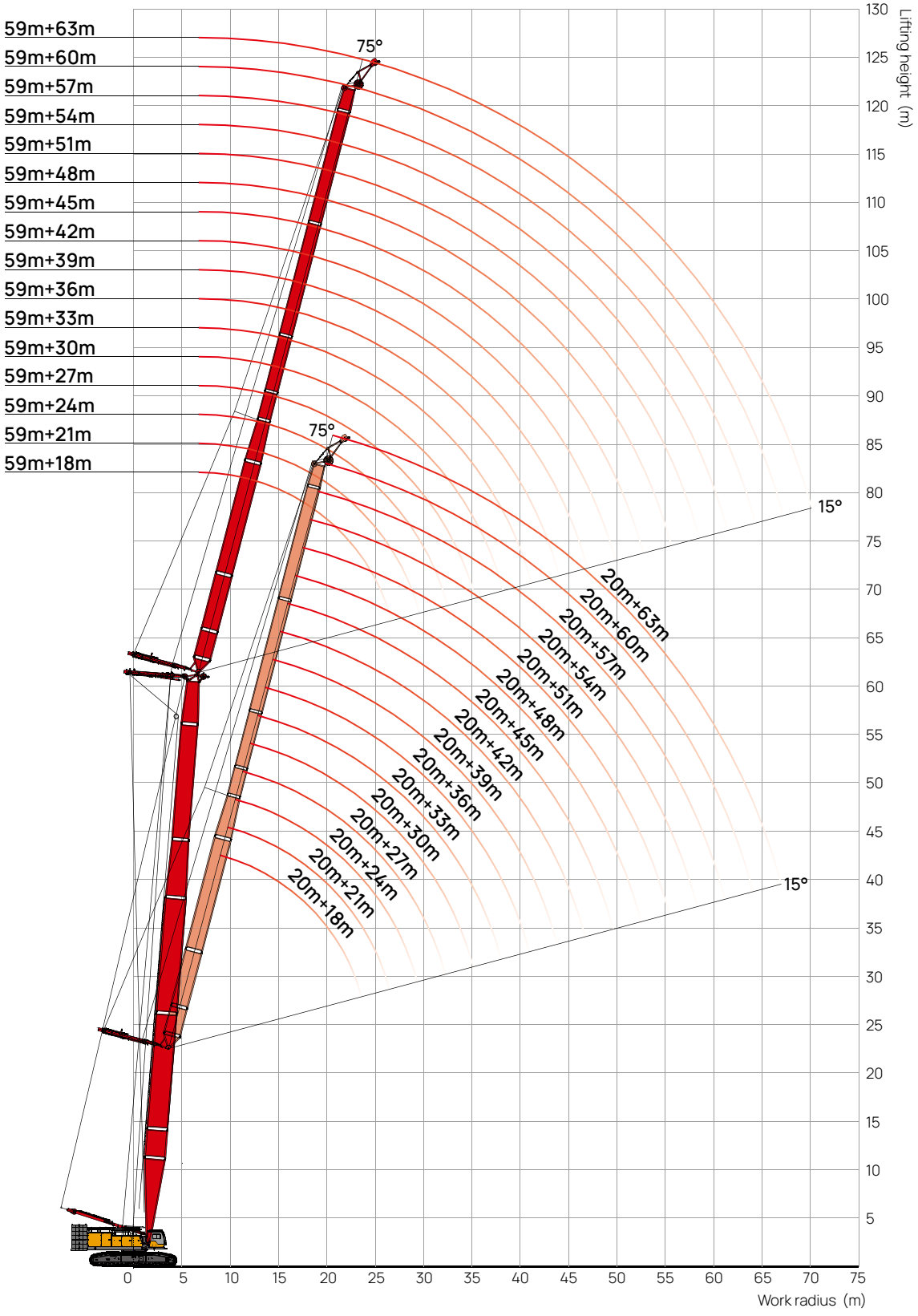
B	■ Jib base
M	■ Jib tapered insert
T	■ Jib top
3	■ Jib insert
6	■ Jib insert
12	■ Jib insert
3	■ Jib insert
6	■ Jib insert
12	■ Jib insert
	■ Jib runner



LJC configuration
(20m~59m)+(18m~63m)

07 Working Radius

LJC configuration



07 Load Chart

LJC configuration

Unit: t

m	Boom angle 85°, 59m jib, Full counterweight																m
	19.9	22.9	25.9	28.9	31.9	34.9	37.9	40.9	43.9	46.9	49.9	52.9	55.9	58.9	61.9	64.9	
14	24																14
15	24	24															15
16	24	24	24														16
17	24	24	24	24	24												17
18	24	24	24	24	24	22											18
19	24	24	24	24	24	22	20.5										19
20	24	24	24	24	23.6	22	20.5	18.9	17.1								20
21	24	24	24	24	23	21.5	20.1	18.6	17.1	15.8							21
22	24	24	24	24	22.4	21	19.7	18.3	17.1	15.8	14.2						22
23	24	24	24	23.4	21.8	20.5	19.2	17.9	16.8	15.5	14.2	13					23
24	24	24	24	22.8	21.3	20	18.8	17.6	16.5	15.3	14.2	13	12	10.6			24
25	24	24	23.4	22.2	20.7	19.5	18.4	17.2	16.2	15	13.9	12.8	11.8	10.6	9.6		25
26	23.5	23	22.3	21.6	20.2	19.1	18	16.8	15.9	14.8	13.7	12.6	11.6	10.6	9.6	8.7	26
27		22	21.5	20.8	19.7	18.6	17.5	16.4	15.5	14.5	13.5	12.3	11.4	10.4	9.5	8.6	27
28		21	20.7	19.9	19.2	18.1	17.1	16.1	15.2	14.2	13.3	12.2	11.3	10.3	9.4	8.5	28
29		19.9	19.7	19.1	18.4	17.6	16.7	15.7	14.9	13.9	13	12	11.1	10.1	9.2	8.3	29
30			18.9	18.4	17.7	17.2	16.3	15.4	14.6	13.7	12.8	11.8	10.9	10	9.1	8.2	30
31			17.9	17.6	17	16.5	15.9	15	14.3	13.4	12.5	11.6	10.7	9.8	9	8.1	31
32			16	16.9	16.4	15.9	15.5	14.7	14	13.1	12.3	11.4	10.6	9.7	8.9	8	32
33				16.2	15.7	15.3	14.9	14.3	13.7	12.8	12	11.1	10.3	9.5	8.7	7.8	33
34				14.8	15	14.8	14.4	14	13.4	12.6	11.8	10.9	10.2	9.4	8.6	7.7	34
35				13.2	14.4	14	13.9	13.5	13.1	12.3	11.5	10.7	10	9.2	8.4	7.6	35
36					13.4	13.7	13.4	13	12.7	12	11.3	10.5	9.8	9	8.3	7.5	36
37					12.1	13.1	12.6	12.5	12.2	11.7	11	10.3	9.6	8.8	8.1	7.3	37
38					10.8	12.2	12.5	12.1	11.8	11.4	10.8	10.1	9.4	8.7	8	7.2	38
39						11.2	12	11.3	11.4	11	10.5	9.8	9.2	8.5	7.8	7.1	39
40						10.2	11.2	10.6	10.9	10.7	10.3	9.6	9.1	8.4	7.7	7	40
41						9.1	10.3	10.8	10.2	10.3	10	9.4	8.9	8.2	7.5	6.8	41
42							9.5	10.2	9.6	9.8	9.6	9.2	8.7	8	7.4	6.7	42
43							8.6	9.4	9.9	9.2	9.2	9	8.5	7.8	7.2	6.5	43
44							7.6	8.7	9.3	8.6	8.7	8.7	8.3	7.7	7.1	6.4	44
45								8	8.6	8	8.2	8.3	8.1	7.5	6.9	6.2	45
46								7.2	8	8.4	7.7	7.8	7.8	7.3	6.8	6.1	46
47								6.3	7.4	7.8	7.2	7.3	7.4	7.1	6.6	6	47
48									6.7	7.3	7.6	6.8	7	6.9	6.5	5.9	48
49									6.1	6.7	7.1	6.4	6.5	6.6	6.3	5.7	49
50										6.1	6.6	5.9	6.1	6.1	6.1	5.6	50
51										5.6	6.1	6.3	5.7	5.7	5.8	5.5	51
52										5	5.6	5.9	5.3	5.3	5.4	5.4	52
53											5.1	5.4	5.7	5	5	5	53
54											4.6	5	5.3	4.6	4.7	4.7	54
55											4	4.6	4.9	4.3	4.3	4.3	55
56												4.1	4.5	4.6	4	4	56
57												3.7	4.1	4.3	3.7	3.7	57
58												3.2	3.7	3.9	4.1	3.4	58
59													3.3	3.6	3.7	3.1	59
60													2.9	3.2	3.4	2.8	60
61													2.5	2.9	3.1	3.2	61
62														2.5	2.8	2.9	62
63														2.1	2.5	2.6	63
64															2.1	2.3	64
65																2	65

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