SANY®

Quality Changes the World

SAC3000S

SANY All Terrain Crane
300 Tons Lifting Capacity

Max. Lifting Capacity: 300 t
Max. Boom Length: 73 m
Max. Lifting Height: 115 m

Excellent and stable chassis performance

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

Ultra long Boom for Wide Working Radius

Fully-extended boom is 73m and luffing jib is 43m respectively, which ensures Max. lifting height of 115m with working radius of 86m. 0°~40° automatic infinite variable luffing jib is applied to ensure conveniently switching over between all operation with high efficiency.

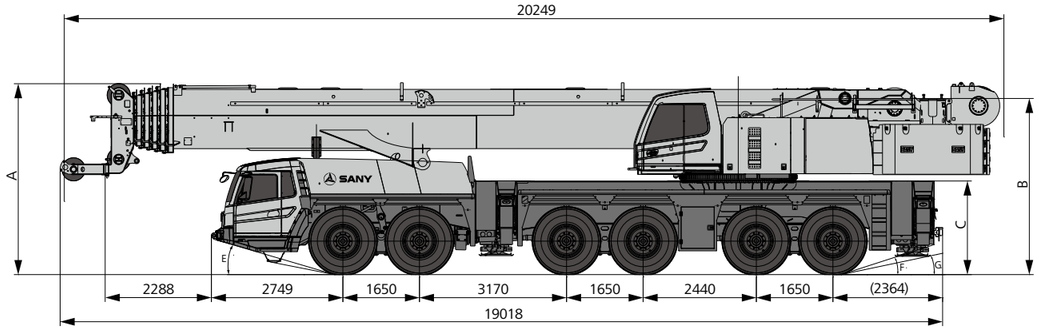
Highly efficient, energy-saving and unique hydraulic control technology

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

Safe, stable, advanced, and intelligent electronic control technology

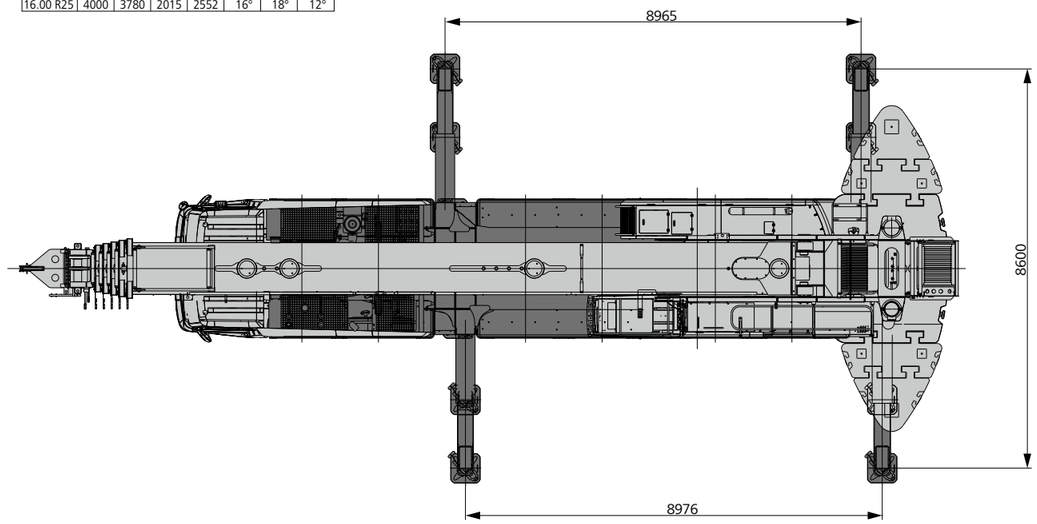
- The adoption of internationally advanced distributed integration bus data communication network and configuration of the abundant sensing elements can achieve timely feedback of data information and monitor the overall working status in real-time. The human-computer interaction interface is used to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

Overall Dimensions



Dimension(mm)

Tyre Size	A	B	C	D	E	F	G
14.00 R25	3940	3720	1955	2564	14°	12°	10°
16.00 R25	4000	3780	2015	2552	16°	18°	12°



Technical Parameters

Type	Item		Parameter
Capacity	Max. lifting capacity		300 t
Dimensions	Overall length		18200 mm
	Overall width		3000 mm
	Overall height		4000 mm
	Axle distance	Axle-1, 2	1650 mm
		Axle-2, 3	3170 mm
		Axle-3, 4	1650 mm
		Axle-4, 5	2440mm
		Axle-5, 6	1650 mm
Weight	Overall weight		72000 kg
	Axle load	Axle load-1, 2, 3	12000 kg
		Axle load-4, 5, 6	12000 kg
Engine	Rated power		440 kW/1800 rpm
	Rated torque		2800 N.m/ 1300 rpm
	Rated power		205kw/2200rpm
	Rated torque		1100N.m/1200-1600rpm
Traveling	Max.traveling speed		80 km/h
	Turning radius	Min.turning radius	12 m
		Min.turning radius of boom head	14.4 m
	Wheel formula		12 × 8
	Min.ground clearance		360 mm
	Approach angle		16 °
	Departure angle		18 °
	Max.gradeability		49%
	Fuel consumption per 100km		≤ 114 L
Main Performance Data	Temperature range		− 20 ° ~ + 50 °
	Min.rated range		3 m
	Tail slewing radius of swingtable		5735 mm
	Boom section		6
	Boom shape		U-shaped
	Max.lifting moment	Base boom	8800 kN·m
		Full-extend boom	3640 kN·m
		Full-extend boom+jib	884 kN·m
	Boom length	Base boom	15.65 m
		Full-extend boom	73 m
		Full-extend boom+jib	115 m
	Outrigger span (Longitudinal×Transversal)		8.95 × 8.6 m
	Jib offset		0° \ 20° \ 40°
Working speed	Max.single rope lifting speed of main winch (no load)		130 m/min
	Max.single rope lifting speed of auxiliary winch (no load)		130 m/min
	Full extension/retraction time of boom		600 / 600 s
	Full lifting/descending time of boom		65 / 90 s
	Slewing speed		1.7 r/min
Air condition	Superstructure		Cooling / Heating
	Chassis		Cooling / Heating

Technical Parameters

Axle load

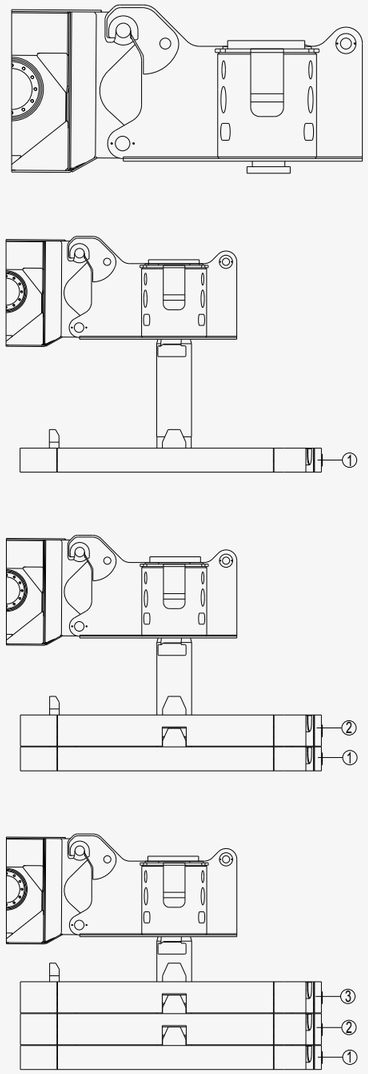
Axle	1	2	3	4	5	5	Overall mass
Axle load / t	12	12	12	12	12	12	72
Remarks	-						

Hook and multiplying power

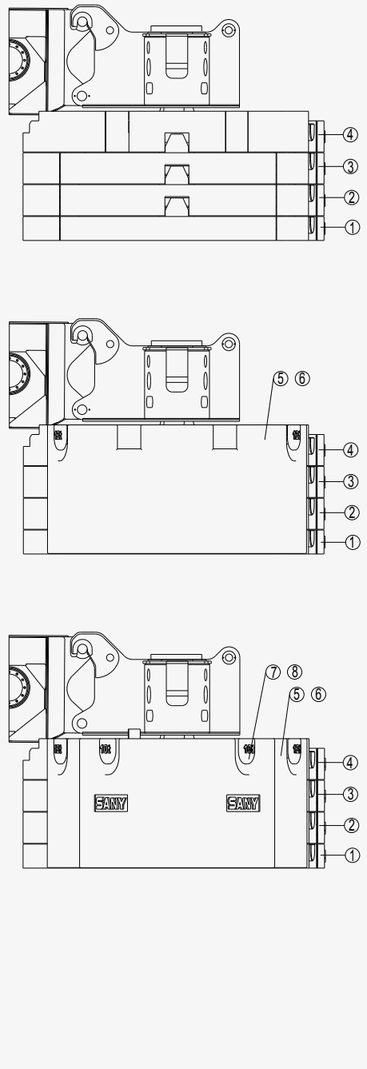
Rated load/t	Pulleys	Number of parts of line	Hook weight/kg
160	7	15	1787
80	3	7	729
35	1	3	484
10	0	1	252

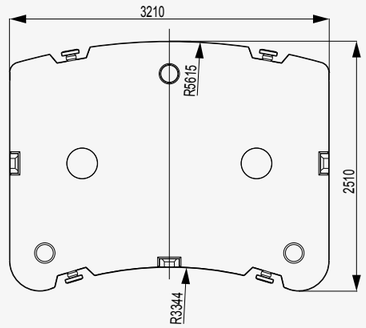
Crane Introduction

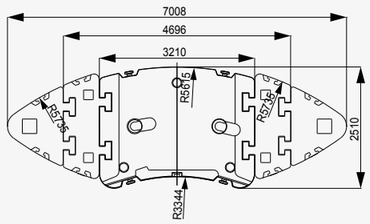
No	Name	Manufacture
1	Chassis Engine	Benz
2	Superstructure engine	Benz
3	Axle 1	KESSLER
4	Axle 2	KESSLER
5	Axle 3	KESSLER
6	Axle 4	KESSLER
7	Axle 5	KESSLER
8	Axle 6	KESSLER
9	Transmission	ZF
10	Transfer case	KESSLER
11	Main lifting piston pump	Rexroth
12	Luffing piston pump	Rexroth
13	Telescoping piston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



Technical Parameters







Crane Introduction

Cab

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

Engine

- Type: Inline six-cylinder, water cooled, supercharged and inter-cooling diesel engine
- Rated power: 205kw/2200r/min
- Environment-protection: Emission complies with EuroIII standard
- Capacity of fuel tank: 280L

Hydraulic system

- High-quality hydraulic components such as main pump, slewing pump, main valve, winch motor, balance valve etc., are equipped to ensure the stability and reliability of the system. Precise parameter matching makes the control performance excellent. The electrical proportion variable piston pump is adopted and the oil flow is controlled by the electrical joystick to achieve real-time flow control and prevent energy waste. The dual-pump confluent/separate mode is designed by SANY itself and dual-pump confluent is more efficient for combined operations and dual-pump separate for single operation.
- The use of dead-weight lowering compensation hydraulic system ensures excellent lowering micro-mobility and stability.
- Single-cylinder pin telescopic system is used for boom.
- Jib is equipped with luffing cylinder to achieve 0°~40°infinitely luffing.
- Closed slewing system is used with flow and direction changed through adjusting the angle of the swash plate of the variable pump, thus ensuring the excellent micro-mobility and stable rotation.
- Capacity of hydraulic oil tank: 1050L.

Control system

- With 24V DC power supply, the PLC integrated programmable controller and CAN-bus control network can be used to achieve logic control and electro proportional control of the system through combining with the common electricity.
- With real-time monitoring and fault self-diagnosis system.
- Lifting, slewing, and luffing can be controlled by two auto-reset multidirectional electro proportional handles. Lifting of counterweight, shifting of cab, and locking of rotating bed can be controlled through the keys on the control panel.
- Display can be connected with the controller via CAN-bus with main functions as follows: digital adjustment and display of the electro proportional control parameters, display of fault code of the electro proportional system, and real-time data display by the hydraulic system.

Luffing system

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

Telescopic system

- It consists of six section booms welded with bended fine-grain high-strong steel plate, with oval section applied to ensure good buckling resistance performance. With single-cylinder automatic pin system, a dual-action cylinder can control telescopic operation of all booms and achieve a variety of boom combinations.
- Basic boom length is 15.65m and full length of boom is 73m. Max. lifting height is 73.5m.

Lattice jibs

- The fixed jib is variable from 12.2m to 43m according to the combination and it is luffing free from 0°, 20°, 40°according to the actual working condition. The max. lifting height is 115m.

Slewing system

- It consists of constant displacement motor and slewing reducer with mature technology. 360° full-rotation can be achieved through external gearing with slewing ring, with slewing speed of 0-1.6rpm and with infinitely variable speed adjustment. Slewing hydraulic system adopts the closed system, which not only avoids throttling loss of the open system but also ensures a high efficiency. Emergency brake can be achieved through electro proportional brake pedal.

Hoisting system

- Planet-gear speed reducer and special groove winch drum are driven by hydraulic motor with brake installed internally.
- Wire rope lock: High-quality wire rope lock with casting at end is applied. It is installed in the lock sleeve directly, which improves the replacement speed of the lifting rate.
- Spec. of wire rope: Φ24-2160, non-rotating.
- Length: About 400m.
- Max. single rope speed (outer layer): about 130m/min.

Crane Introduction

Operating cab

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

Carrier frame

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

Axles

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

Engine

- Type: Electric controlled, V- type eight-cylinder, water cooled, supercharged and inter-cooling diesel engine.
- Rated power: 440kw/1800r/min
- Max torque: 2800Nm/1300rpm
- Environment-protection: Emission complies with EurolV standard
- Capacity of fuel tank: 550L

Transmission system

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

Brakes system

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

Suspension system

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

Steering system

- Servo power steering gear and dual-circuit system hydraulic steering device are used with emergency steering pump equipped. Steering can be adjusted through regulating the speed. Axles 3 and 4 steering will stop from 30km/h and from60km/h for axles 5 and 6.
- Six types steering modes: 1) Road running mode (default mode). 2) Full-wheel steering mode. 3) Crab-type mode; 4) Steering mode without deflection. 5) Independent rear-axle steering mode. 6) Steering mode with rear axle locked.

Outriggers

- Four-point supporting of the H-shaped outriggers ensures easy operation and strong stability with Max. span up to 8.95m×8.6m. Outrigger telescopic hydraulic system adopts the electro proportional control technology with wireless remote control configured. Outrigger control panel can display all loads with automatic level function to ensure high control precision and simple operation.

Tyres

- 12*16.00R25

Crane Introduction

Electrical system

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

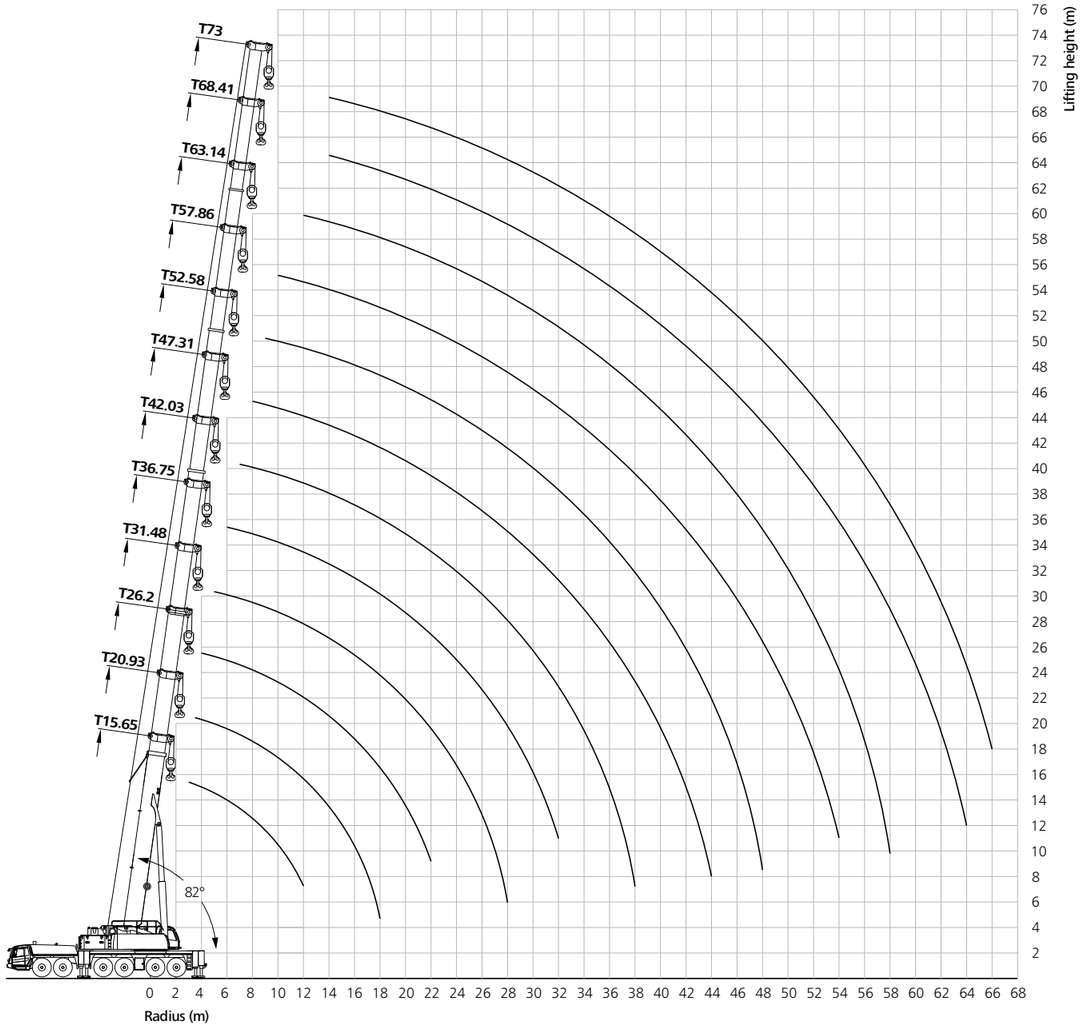
Safety device

- Load moment limiter: With analytical mechanics method, the load moment limiter calculation system is established based on the load mechanical model. Therefore, the rated hoisting accurate can be up to ±5% through on-line non-load calibration.
- Hydraulic system is configured with the balance valve, overflow valve, and two-way hydraulic lock etc. ensuring stable and reliable operation of the hydraulic system.
- Main and auxiliary winches are configured with 3-wraps protectors to prevent over roll-out of wire rope.
- Boom and jib are configured with height limiter at end to prevent over-hoist of the wire rope.
- Boom head is equipped with anemometer to detect whether the high-altitude wind speed is within the allowable range.

Counterweight

- Combined variable counterweights are used with 0t,12.5t,27t,41.5t,56t,80t,100t seven combinations to meet requirements of different operating conditions and maximize structural parts performance , which can be self-assembled and disassembled remotely with good micro-mobility.

Boom Operating Range



Load Chart - Telescopic Boom

Unit: t

15.65-73m | Outriggers fully extended | 100t

Radius (m)	15.65	20.93	20.93	20.93	20.93	26.2	26.2	26.2	26.2	31.48	31.48	31.48	31.48	31.48	36.75	36.75	36.75	36.75	36.75	42.03	42.03	42.03	Radius (m)
2.5	300																						2.5
3	260																						3
3.5	202	153	145	110	85																		3.5
4	185	150	140	100	85	138	125	115	95														4
4.5	171	145	130	95	80	132	120	108	90														4.5
5	164	140	125	90	75	128	115	102	85	116	118	85	75	62									5
6	140	135	115	85	70	122	105	90	80	108	110	80	70	60	82	92	92	65	55				6
7	125	118	105	80	65	115	95	82	75	105	105	75	65	55	78	88	88	60	50	58	70	70	7
8	110	110	100	75	60	110	85	75	68	93	95	70	60	50	73	82	82	50	45	54	65	68	8
9	97	95	90	70	55	95	80	70	62	88	87	67	55	45	70	78	77	45	43	50	62	66	9
10	88	87	85	60	50	85	75	65	58	83	80	62	50	40	66	72	72	40	40	45	60	64	10
11	80	78	80	55	45	75	70	60	54	78	75	58	45	35	62	65	70	35	38	42	58	60	11
12	67	70	73	50	40	70	65	55	50	72	70	55	40	30	58	62	68	32	35	40	56	58	12
14		60	61	43	35	60	60	50	45	62	65	50	35	28	55	55	60	30	30	38	50	55	14
16		50	52	40	30	52	50	45	40	55	55	45	30	26	50	50	50	28	28	34	46	50	16
18		42	44	35	25	45	45	40	38	50	45	40	26	24	46	45	45	25	26	30	40	45	18
20						39	40	35	35	45	40	37	24	22	40	40	40	22	24	28	37	40	20
22						33	35	30	32	40	36	34	20	20	35	35	35	20	22	26	35	35	22
24										35	32	32	16	18	32	30	32	18	20	24	30	30	24
26										28	26	28	15	16	30	28	29	16	18	22	28	28	26
28										20	21	22	14	14	26	25	26	15	16	21	24	25	28
30															24	22	24	14	14	20	22	23	30
32															22	20	22	13	12	19	20	21	32
34																				18	17	19	34
36																				16	16.5	17.5	36
38																				14	14.5	15	38
40																							40
42																							42
44																							44
46																							46
48																							48
50																							50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0			16	16	10		16	15	11	12	16	10	6	6	9	9	13	6	5	7	8	10	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	46	0	0	0	46	0	0	0	92	46	0	0	0	92	46	46	0	0	92	92	46	2
3	0	0	46	0	0	46	46	0	0	46	46	92	0	0	46	92	46	0	0	92	46	46	3
4	0	0	0	46	0	0	46	46	0	0	46	46	0	0	46	46	46	92	0	46	46	46	4
5	0	0	0	0	0	0	0	46	46	0	0	0	92	46	0	0	46	46	92	0	46	46	5
6	0	0	0	0	46	0	0	0	46	0	0	0	46	92	0	0	0	46	92	0	0	46	6

Load Chart - Telescopic Boom

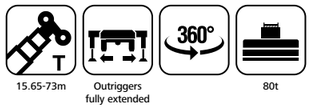
Unit: t

15.65-73m | Outriggers fully extended | 100t

Radius (m)	42.03	42.03	42.03	47.31	47.31	47.31	47.31	47.31	47.31	52.58	52.58	52.58	52.58	52.58	57.86	57.86	57.86	57.86	63.14	63.14	68.41	73	Radius (m)
2.5																							2.5
3																							3
3.5																							3.5
4																							4
4.5																							4.5
5																							5
6																							6
7	50	45	40																				7
8	46	42	35	55	50	46	40	37	32														8
9	42	40	33	52	48	40	37	34	28	48	43	40	36	35									9
10	40	36	32	50	45	36	35	32	26	47	40	38	34	32	40	34	29.1	28					10
11	38	34	30	48	43.5	34	33	30	25	45	38	35	32	30	38	32	27.5	26.9					11
12	36	32	28	46	42	32	31	28	23	43	36	33	30	28	36	30	26	25.3	27	25.2			12
14	32	30	26	43	38	30	27	25	21	37.5	34	30	28	26	34	28	23.4	22.6	26	23.5	21	17.5	14
16	30	28	24	39	34	28	24	23	18	34.5	32	28	26	24	32	26	21.2	20.4	24.5	22	20	17	16
18	28	26.5	22	36	32	26	22	21	17	32	30	25	24	23	28	24	19.4	18.5	23	21	19	16.5	18
20	26	24	20	33	30	24	20	19	15	29	26	23	22	21	25	22	19	17	22	20	18	16	20
22	24	22.5	18	30	28	22	18	17	14	25	23	21	20	18	23	20	18	16	19	19	17	15.5	22
24	22	21.5	17	26	26	20	17	16	13	24	22	19	18	17	21	19	17	15	18	18	16	15	24
26	20	20.5	16	25	24	19	16	15	12	22	20	18	17	16	19	18	16	14	16.5	16	14.5	14	26
28	19	19	15	23	21	18	15	14	11.1	20.5	17.5	17	16	15	17	16	15	13	15.5	15	13.5	13	28
30	18	18	14	20	20	17	14	13	10.3	18.5	16	16	15	14	16	15	14	12	14.5	14	12.5	12	30
32	17	17.5	13	18	18	16	13	12	9.6	17	15	15	14	13	15	14	13.5	11	13	13	11.5	10.5	32
34	15	16.5	12	17.5	16	15	12	11	9	16	14	14	13	12	13.5	12.5	13	10.5	12.5	12	10.5	10	34
36	14	14.5	11.5	17	15	14	11.5	10.6	8.5	15	13	13	12	11.5	13	11.5	12	10	12	11	10	9.5	36
38	12	13	11	16.5	14	13	11	10	8	13	12	12.5	11.5	11	12	11	11.5	9.5	11	10.5	9.5	8.5	38
40				15.5	13	12	10	9.5	7.5	12	11.5	11.5	11	10.5	11	10.5	11	9	10.5	10	9	8	40
42				14.5	12	11	9	9	7.2	11	10.5	11	10.5	10	10.5	9.5	10	8.5	9.5	9	8.5	7.5	42
44				8	9	10	8	8	6.9	10.6	10	10.5	10	9.5	10	9	9.5	8	9	8.5	8	7	44
46										10	9	10	9	8.5	9	8.5	9	7.5	8.5	8	7.5	6.5	46
48										9	8.3	9	8.5	8	8.5	8	8.5	7	8	7.5	7	6	48
50															8	7.2	8	6.5	7.5	7	6.5	5.5	50
52															7.5	6.8	7.5	6	7	6.4	6	5.2	52
54															7	6.2	6.9	5.5	6.5	6.1	5.6	5	54
56																			6	5.7	5.2	4.8	56
58																			4	5.1	5	4.5	58
60																					4.5	4	60
62																					4	3.8	62
64																					3	3.6	64
66																						3.2	66
0	6	6	4	6	6	6	5	4	4	5	5	4	4	4	4	4	4	3	3	3	2	2	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	92	46	46	0	0	0	92	46	46	0	0	92	46	46	0	92	46	92	100	2
3	92	46	0	46	92	46	92	46	0	92	92	46	92	46	92	92	46	92	92	92	92	100	3
4	46	46	46	46	46	46	92	92	92	46	92	46	92	92	92	92	92	92	92	92	92	100	4
5	46	46	92	46	46	46	46	92	92	46	46	92	92	92	46	92	92	92	92	92	92	100	5
6	0	0	0	0	46	0	0	0	46	0	0	0	46	92	0	0	0	46	92	0	0	46	6

Load Chart - Telescopic Boom

Unit: t

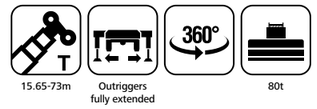


15.65-73m | Outriggers fully extended | 80t

Radius (m)	15.65	20.93	20.93	20.93	20.93	26.2	26.2	26.2	26.2	31.48	31.48	31.48	31.48	31.48	36.75	36.75	36.75	36.75	36.75	42.03	42.03	42.03	Radius (m)
3	260																						3
3.5	190	150	145	110	80																		3.5
4	180	150	140	100	80	135	125	110	90														4
4.5	168	145	130	95	75	130	120	105	85														4.5
5	160	138	122	85	68	128	115	95	80	110	112	80	70	55									5
6	136	130	110	80	65	120	100	85	75	106	105	75	65	50	77	90	90	60	55				6
7	120	115	102	75	58	110	90	75	70	100	102	70	60	45	76	86	86	55	48	56	70	70	7
8	100	100	95	70	55	105	85	72	64	91	92	68	55	42	70	80	80	50	45	52	65	68	8
9	90	90	85	65	50	90	78	65	60	85	86	65	50	38	66	76	75	45	40	48	62	66	9
10	80	80	80	55	48	80	75	60	56	80	78	60	45	36	63	70	70	40	38	45	60	64	10
11	70	70	75	50	42	70	65	58	52	72	72	56	40	33	60	62	68	38	36	40	56	60	11
12	62	65	68	45	38	65	60	52	48	68	68	53	35	28	56	60	65	32	30	38	54	58	12
14		50	55	40	34	56	58	48	44	60	58	48	32	26	52	52	58	30	28	36	48	53	14
16		40	47	35	28	47	47	40	38	50	50	43	28	24	46	48	48	28	26	32	43	48	16
18		35	35	30	23	40	42	35	35	44	45	38	24	22	42	42	42	24	22	28	38	42	18
20						35	36	32	32	40	40	35	22	20	37	36	36	21	20	26	35	36	20
22						30	33	28	30	33	35	32	18	18	33	32	32	19	18	24	32	32	22
24										28	28	30	16	17	28	28	28	17	16	22	28	28	24
26										24	25	25	14	16	24	26	25	15.5	15	20	24	25	26
28										18	18	20	12	13	21	22	22	14	13	18	21	22	28
30															18	20	20	13	11	16	19	20	30
32															16	18	18	11	12	14	17	18	32
34																				12	15	15	34
36																				10	13	14	36
38																				8	12	12	38
40																							40
42																							42
44																							44
46																							46
48																							48
50																							50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0																							0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	46	0	0	0	46	0	0	0	92	46	0	0	0	92	46	46	0	0	92	92	46	2
3	0	0	46	0	0	46	46	0	0	46	46	92	0	0	46	92	46	0	0	92	46	46	3
4	0	0	0	46	0	0	46	46	0	0	46	46	0	0	46	46	46	92	0	46	46	46	4
5	0	0	0	0	0	0	0	46	46	0	0	0	92	46	0	0	46	46	92	0	46	46	5
6	0	0	0	0	46	0	0	0	46	0	0	0	46	92	0	0	0	46	92	0	0	46	6

Load Chart - Telescopic Boom

Unit: t



15.65-73m | Outriggers fully extended | 80t

Radius (m)	42.03	42.03	42.03	47.31	47.31	47.31	47.31	47.31	47.31	52.58	52.58	52.58	52.58	52.58	57.86	57.86	57.86	57.86	63.14	63.14	68.41	73	Radius (m)
3																							3
3.5																							3.5
4																							4
4.5																							4.5
5																							5
6																							6
7	50	45	38.5																				7
8	46	42	35																				8
9	41	40	33	50	46	38	36	34	28														9
10	39	36	31	48	44	34	35	32	26	45	40	35	32.5	31									10
11	38	32	28.5	46	42	32	32	30	24	43	38	33	31	29									11
12	35	30	27	42	40	30	30	28	22	40	35	31	29	27	35	29	25	24	27	25			12
14	32	28	24	40	37	28	26.5	25	20	36	33	28	27	24	33	27	23	22	25.5	23	20	17	14
16	29	26	22	36	34	26	23.5	23	17.5	33	30	25	23	21	31	25	21	20	24	21	19.5	16.5	16
18	27	24	20	34	30	24	21.5	21	16	30	28	23	21	19	27	23	19.5	18	23	20	18.5	16	18
20	24	22	19	32	28	22	19.5	19	14.5	27	25	21	19.5	17.5	24	21	18.5	16.5	21	18.5	17.5	15.5	20
22	22	20	17.5	29	26	20	17.5	16.5	13.5	24.5	22	19.5	17.5	16.5	21	19	17.5	15.5	19	18	16	15	22
24	20	18	15.5	25	25	18.5	16.5	15.5	12.5	23	21	18	16.5	15	20	18	16.5	14.5	17.5	17	15	14	24
26	18.5	16	14.5	23	23	17	15.5	14.5	11.5	21	19	17	15.5	14	18	17	15.5	13.5	16	15	14	13	26
28	17.5	14	14	21	20	16	14	13	10.5	20	17	16	14	13	16.5	15	14.5	12.5	15	14	13	12	28
30	16	12	13	18	18	15.5	13	12	10	17.5	16	15	13	11.5	15.5	14.5	13.5	11.5	14	13	12	11	30
32	15	11	12	17	17	15	12.5	11.5	9.5	16	14.5	14	12	11	14.5	13.5	13	10.5	13	12	11	10	32
34	14	10	11.5	15	16	14	11.5	10	8.8	15	13.5	13.5	11	10.5	13	12	12	10	12	11	10	9	34
36	12	9	10.5	14	15	13	11	10	8.3	13.5	12.8	12	10	9.5	12.5	11	11.5	9.5	11.5	10.5	9.5	8.5	36
38	10	8	9.5	13	13	12	10.5	9.5	7.8	12	11.8	11	9.5	9	11.5	10.5	11	9	10.5	10	9	8	38
40				11.5	11	11.5	9	9	7	11.5	11	10	9	8.5	10.5	10	10.5	8.5	10	9.5	8.5	7.5	40
42				10.5	10	11	8	8	6.8	10.5	10.5	9.5	8.5	8	10	9	9.5	8	9	8.5	8	7	42
44				7	8	10	7	7	6.5	9.2	10	9	8	7.5	9.5	8.5	9	7.5	8.5	8	7.5	6.5	44
46										8	9	8.5	7	7	8.5	8	8.5	7	8	7.5	7	6	46
48										7	8	8	6	6	7.5	7.5	8	6.5	7.5	7	6.5	5.5	48
50															7	7	7.5	6	7	6.5	6	5	50
52															6	6	7	5.5	6.5	6	5.6	4.8	52
54															5	5	6	5	6	5.5	5.2	4.5	54
56																			5	4	4.8	4.2	56
58																			4	3	4	4	58
60																					3	3.8	60
62																						3.5	62
64																							64
66																							66
0																							0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	92	46	46	0	0	0	92	46	46	0	0	92	46	46	0	92	46	92	100	2
3	92	46	0	46	92	46	92	46	0	92	92	46	92	46	92	92	46	92	92	92	92	100	3
4	46	46	46	46	46	46	92	92	92	46	92	46	92	92	92	92	92	92	92	92	92	100	4
5	46	46	92	46	46	46	46	92	92	46	46	92	92	92	46	92	92	92	92	92	92	100	5
6	46	92	92	46	46	92	46	46	92	46	46	92	46	92	46	46	92	92	46	92	92	100	6

Load Chart - Telescopic Boom

Unit: t

15.65-73m | Outriggers fully extended | 56t

Radius (m)	15.65	20.93	20.93	20.93	20.93	26.2	26.2	26.2	26.2	31.48	31.48	31.48	31.48	31.48	36.75	36.75	36.75	36.75	36.75	42.03	42.03	42.03	Radius (m)
3	250																						3
3.5	185	150	145	105	80																		3.5
4	180	150	140	100	80	130	125	105	85														4
4.5	165	145	130	85	70	130	120	100	80														4.5
5	155	138	120	80	65	125	115	90	75	110	112	80	70	55									5
6	130	125	110	75	62	118	100	85	70	104	105	75	62	50	77	90	90	60	55				6
7	115	110	100	70	58	108	90	75	68	95	100	70	58	45	75	86	86	55	48	54	70	70	7
8	98	95	92	65	55	100	85	70	62	89	91	67	50	42	70	80	80	50	45	50	65	66	8
9	85	85	82	60	50	85	76	63	58	82	84	64	45	37	64	75	75	45	40	47	60	64	9
10	75	75	76	52	46	75	74	58	54	75	75	60	40	35	60	68	68	43	35	45	58	60	10
11	65	65	70	48	42	65	64	56	50	65	70	56	35	32	58	62	60	40	30	40	54	57.1	11
12	55	60	65	42	38	60	58	50	46	63	65	53	32	27	54	58	58	36	28	37	52	54	12
14		45	50	38	33	50	54	45	42	52	53	44	30	25	50	50	50	32	25	34	44	50	14
16		35	40	32	26	41	43	37	36	41	42	38	26	23	42	43	43	30	24	30	36	40	16
18		29	28	27	20	33	35	32	33	34	36	32	22	21	34	36	37	28	22	26	32	36	18
20						27	30	30	30	28	30	27	20	19	29	30	31	26	21	22	30	32	20
22						22	25	26	28	23	25	22	16	17	24	25	26	24	20	20	25	28	22
24										20	21	18	15	16	21	21	23	22	18	18	22	24	24
26										17	18	15	13	14	18	18	20	20	17	16	19	21	26
28										14	15	13	11	12	15	16	17	18	16	14	16	18	28
30															13	14	15	16	15	12	14	16	30
32															10	11	13	14	14.5	10	12	14	32
34																				9	11	12	34
36																				8	9	11	36
38																				7	8	10	38
40																							40
42																							42
44																							44
46																							46
48																							48
50																							50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0	16	16	16	16	14	16	16	16	15	12	16	13	8	8	9	12	14	7	6	7	7	11	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	46	0	0	0	92	46	0	0	0	92	46	46	0	0	92	92	46	2
3	0	46	0	0	0	46	46	0	0	46	46	92	0	0	46	92	46	0	0	92	46	46	3
4	0	0	46	0	0	0	46	46	0	0	46	46	0	0	46	46	46	92	0	46	46	46	4
5	0	0	0	46	0	0	0	46	46	0	0	0	92	46	0	0	46	46	92	0	46	46	5
6	0	0	0	0	46	0	0	0	46	0	0	0	46	92	0	0	0	46	92	0	0	46	6

Load Chart - Telescopic Boom

Unit: t

15.65-73m | Outriggers fully extended | 56t

Radius (m)	42.03	42.03	42.03	47.31	47.31	47.31	47.31	47.31	47.31	52.58	52.58	52.58	52.58	52.58	57.86	57.86	57.86	57.86	63.14	63.14	68.41	73	Radius (m)
3																							3
3.5																							3.5
4																							4
4.5																							4.5
5																							5
6																							6
7	50	45	38.5																				7
8	46	42	35																				8
9	40	40	33	48	46	36	36	34	28														9
10	38	36	31	46	44	34	34	32	26	42	40	35	32.5	30									10
11	36	32	28.5	44	42	32	32	30	24	40	38	33	30.5	28									11
12	35	30	27	42	40	30	30	28	22	39	35	31	28	26	34	28	25	24	27	25			12
14	30	28	24	40	36	28	26	25	20	35	33	28	26	23	32	26.5	23	22	25	22	19.5	17	14
16	28	26	21.5	35	33	26	23	22	18	32	30	25	23	21	30	24.5	21	20	24	20.5	19	16	16
18	25	24	19.5	32	29	23	21.5	20	17	30	27	23	20.5	19	26.5	22.5	19.5	18	22.5	19.5	18	15.5	18
20	22	23	18	31	27	20	19.5	18	16	27	24	21	19	17.2	23	20.5	18.5	16	21	18	17	15	20
22	20	22	17	26	25	18	17.5	16	15.5	24	21.5	19.5	17.2	16	20	18.5	17.5	15.5	19	17	15.5	14	22
24	18	21	15	23	23	17	16.5	15	15	22	20	18	16	14.6	18	17.5	16.5	14.5	17	16	14.5	13	24
26	16	19	14.5	20	21	16	15	14.5	14	19	18	17	15	13.5	17.5	16	15.5	13.5	16	14.5	13.5	12	26
28	14	17	13.5	17	18	15	14	14	13	17	16.5	16	13.5	12	16	14.5	14	12.5	15	13.5	12.5	11.5	28
30	13	15	13	15	16	14	13	13	12	14.5	15.5	15	12	11.5	15	14	13	11.5	14	12.5	11.5	10.5	30
32	12	13	12.5	13	14	13	12	12	11.5	13	14	14	11	11	13	13	12.5	11	12.5	11.5	10.5	9.5	32
34	11	12	12	12	12.5	12	11	11	11	11.5	12.5	13	10.5	10.5	11.5	11.5	11.5	10.5	12	10.5	9.5	8.5	34
36	10	11	11.5	10	11	11	10	10.5	10	10	11	12	10	10	10	10.5	11	10	11	10	9	8	36
38	9	10	11	9	10	10	9.5	10	9.5	8.5	10	11	9	9.5	9	10	10.5	9.5	10	9.5	8.5	7.5	38
40				8	8.5	9	9	9	9	7.5	9	10	8.5	9	8	9.5	10	9	9	9	8	7	40
42				7	7.5	8	8.5	8	8.5	6.5	8	9	8	8	7	8.5	9	8.5	8	8	7.5	6.5	42
44				6	7	7.5	8	7	8	5.5	7	8	7.5	7	6	7.5	8.5	8	7	7.5	7	6	44
46										5	6	7	7	7.5	5	6.5	7.5	7.5	6	7	6.5	5.5	46
48										4	5	6	6.5	7	4.5	5.5	7	7	5	6.5	6	5	48
50															4	6.5	6	6.5	4.5	6	5	4.5	50
52																4.5	5.5	6	4	5	4.5	4	52
54																4	5		3.5	4	4		54
56																			3		3.5		56
58																			2.5				58
60																							60
62																							62
64																							64
66																							66
0	7	7	5	6	7	7	5	5	4	5	5	5	4	4	4	4	4	3	3	3	3	2	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	92	46	46	0	0	0	92	46	46	0	0	92	46	46	0	92	46	92	100	2
3	92	46	0	46	92	46	46	46	0	92	92	46	92	46	92	92	46	92	92	92	92	100	3
4	46	46	46	46	46	46	92	46	92	46	92	46	92	92	92	92	92	92	92	92	92	100	4
5	46	46	92	46	46	46	92	92	92	46	46	92	92	92	46	92	92	92	92	92	92	100	5
6	46	92	92	46	46	92	46	92	92	46	46	92	46	92	46	46	92	92	46	92	92	100	6

Load Chart - Telescopic Boom

15.65-73m | Outriggers fully extended | 41t

Unit: t

Radius (m)	15.65	20.93	20.93	20.93	20.93	26.2	26.2	26.2	26.2	31.48	31.48	31.48	31.48	31.48	36.75	36.75	36.75	36.75	36.75	42.03	42.03	42.03	Radius (m)
3	240																						3
3.5	180	150	145	100	80																		3.5
4	175	150	140	85	77	130	125	95	85														4
4.5	160	145	130	80	68	130	120	90	80														4.5
5	145	135	118	75	65	125	118	85	78	110	110	80	65	55									5
6	125	120	108	68	62	114	110	80	75	105	100	75	60	50	77	92	90	60	55				6
7	110	105	98	65	60	105	90	75	72	95	95	70	58	45	75	86	85	55	50				7
8	94.5	92	90	60	55	90	83	69	68	89	90	66	55	42	70	80	80	53	45	50	62	65	8
9	78	76	80	55	48	80	75	65	65	80	82	63	50	40	64	74	74	50	40	48	58	62	9
10	70	68	70	50	44	70	71	60	60	70	73.5	60	45	38	60	66	66	45	38	45	55	57	10
11	55	56	60	45	40	60	62	54	55	60	62	56	40	35	55	58	58	40	35	40	52	55	11
12	47	48	52	40	34	50	56	48	44	50	54	52	35	30	45	50	50	35	30	36	50	52	12
14		41	40	35	32	37.5	43	40	38	37	41	42	30	28	35	38	38	30	28	32	40	41.5	14
16		27	30	30	24	30	34	32	30	28.5	33	33	25	25	26	29.5	29.5	25	25	26	30.5	32.5	16
18		22	24	24	18	23	27.5	26	23.5	22.5	26.5	27	21	23	20.5	23.5	23.5	20	20	21	25.5	26.5	18
20						18.5	23	21	20	18	22	22	19	18	16.5	19	19	19	18	17	21	22	20
22						15	19	18	16.5	14.5	18	18.5	15	16	13.5	15.5	15.5	17	15	14	17	17.5	22
24										11.5	14.5	15.5	14	14	10.5	12.5	12.5	15.5	13.5	11	14.5	15.5	24
26										9.5	13	13	12	12	8.5	10.5	10.5	14	12.5	9	12	13	26
28										8	10	11	10	10	6.5	8.5	8.5	12	11	7	10	11	28
30															5	7	7	10.5	9.5	5	8.5	9.5	30
32															4	5	5	8	8	4	7	8.5	32
34																				3	5.5	7	34
36																				2	4	5.7	36
38																					3	5	38
40																							40
42																							42
44																							44
46																							46
48																							48
50																							50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0	16	16	16	16	14	16	16	16	15	12	16	13	8	8	9	12	14	7	6	7	7	11	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	46	0	0	0	92	46	0	0	0	92	46	46	0	0	92	92	46	2
3	0	46	0	0	0	46	46	0	0	46	46	92	0	0	46	92	46	0	0	92	46	46	3
4	0	0	46	0	0	0	46	46	0	0	46	46	0	0	46	46	46	92	0	46	46	46	4
5	0	0	0	46	0	0	0	46	46	0	0	0	92	46	0	0	46	46	92	0	46	46	5
6	0	0	0	0	46	0	0	0	46	0	0	0	46	92	0	0	0	46	92	0	0	46	6

Load Chart - Telescopic Boom

15.65-73m | Outriggers fully extended | 41t

Unit: t

Radius (m)	42.03	42.03	42.03	47.31	47.31	47.31	47.31	47.31	47.31	52.58	52.58	52.58	52.58	52.58	57.86	57.86	57.86	57.86	63.14	63.14	68.41	73	Radius (m)
3																							3
3.5																							3.5
4																							4
4.5																							4.5
5																							5
6																							6
7																							7
8	46	42	35																				8
9	42	40	33	48	46	36	36	34	30														9
10	40	38	31	46	44	34	34	32	28	42	40	35	32.5	29									10
11	36	32	28.5	44	42	32	32	30	26	40	38	33	30	27.5									11
12	34	30	27	42	40	30	30	28	24	38	36	31	28	26	34	28	25	24	25	23			12
14	30	28	24	40	36	28	26	25	22	35	33	28	26	24	32	26	23	22	23	21	19	17	14
16	28	26	21	31	32	26	23	22	20	31.5	29	25	23	22	30	24	21	20	21.5	20	17	16	16
18	23.5	20	18	25	26	22	21	20	18	25	26.5	21.5	20	20	26	22	19	18	20	19	16	15.5	18
20	19.5	18	17.5	19.5	21.5	18	19	18	16	20.5	21.5	20	18.5	18	22.5	20	18	16	19	17	15.5	15	20
22	16	16	16.5	17	18	15.5	17	16	14	17	18.5	18	17	15.5	19	18	17	15	16	15	14	13.5	22
24	13.5	14	14	14	15	13	16	14	13	14.5	15.5	15	16	14	15.5	17	16	14	14.5	14	13.5	12	24
26	11	12	12.5	12	12.5	11	14	13.5	11	12	13	13.5	14.5	12	13	14.5	15	13	12.5	13	11.5	10.5	26
28	9.5	10	10.5	10	11	9.5	12	12	10	10.5	11	11.5	12.5	10.5	11	12.5	13	12	11	11.5	10	9	28
30	7.5	8.5	9.5	8.5	9.5	8	10.5	11	9.5	9	9.5	10	11	10	9.5	11	11.5	11	9.5	10	8	8	30
32	6.5	7	8	7	8	6.5	9	9.5	9	7.5	8.5	9	9	9.5	8	9.5	10.5	10	8	9	7	6.5	32
34	5	6	6.5	6	7	5.5	8	8.5	8.5	6	7	8	8	9	6.5	8	9	9.5	6.5	8	6	6	34
36	4	5	5.5	5	5.5	4.5	7	7.5	7.8	5	6	6.5	7	7.5	5.5	7	8	8.5	6	7	5.5	5	36
38	3	4	5	4	5	3.5	6	6.5	7	4	5	5.5	6	7	4.5	6	7	7.5	5	6	4.5	4.5	38
40				3.5	4	2.5	5	5.5	6	3	4	5	5	6.5	3.5	5	6	6.5	4	5	3.5	3.5	40
42				2.5	3.5	2	4.5	5	5.5	2.5	3.5	4	4.5	5.5	3	4	5	5.5	3	4.5	3	3	42
44							3.5	4	4.5	2	2.5	3.5	4	5	2	3.5	4.5	5	2.5	4	2.5	2.5	44
46											2	3	3	4		2.5	4	4.5	2	3.5	2	2	46
48																2	3.5	4					48
50																	2.5	3					50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0	7	7	5	6	7	7	5	5	4	5	5	5	4	4	4	4	4	3	3	3	3	2	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	92	46	46	0	0	0	92	46	46	0	0	92	46	46	0	92	46	92	100	2
3	92	46	0	46	92	46	46	46	0	92	92	46	92	46	92	92	46	92	92	92	92	100	3
4	46	46	46	46	46	46	92	46	92	46	92	46	92	92	92	92	92	92	92	92	92	100	4
5	46	46	92	46	46	46	92	92	92	46	46	92	92	92	46	92	92	92	92	92	92	100	5
6	46	92	92	46	46	92	46	92	92	46	46	92	46	92	46	46	92	92	46	92	92	100	6

Load Chart - Telescopic Boom

Unit: t

15.65-73m | Outriggers fully extended | 27t

Radius (m)	15.65	20.93	20.93	20.93	20.93	26.2	26.2	26.2	26.2	31.48	31.48	31.48	31.48	31.48	36.75	36.75	36.75	36.75	36.75	42.03	42.03	42.03	Radius (m)
3	230																						3
3.5	180	150	145	100	80																		3.5
4	170	150	140	85	77	130	125	95	85														4
4.5	155	140	130	80	68	130	120	90	80														4.5
5	145	130	115	75	64	125	115	84	78	100	105	80	65	55									5
6	120	115	105	68	60	110	105	78	75	102	95	75	60	50	75	92	90	60	55				6
7	102	95	98	64	58	101	85	74	70	90	90	70	56	45	73	86	85	55	48				7
8	86	85	88	58	54	82	80	65	66	82	85	64	54	40	68	80	80	51	42	50	62	64	8
9	73	70	72	50	46	68	71	60	61.5	70	77	62	48	40	62	70	74	48	38	46	58	60	9
10	60	58	61	45	42	55	58	56	58	60	62.5	55	42	35	55	58	61	40	36	43	54	57	10
11	45	49	46.5	40	38	41.5	49	52	49	50	53	46	38	33	46.5	49	52	35	32	38	48	50	11
12	37	40	42	35	32	38	40	45	40	40	43	38	32	28	38	40	42.5	30	28	32	42	44	12
14		30	30	30	30	27	28.5	33	30	28	30	28	28	26	27	29	31.5	25	26	28.5	30	32.5	14
16		20	22	24	20	20	21	25	22	20	22	20	24	24	20	22	24	23	23	22	24	25	16
18		15	16	18	16	15	16.5	20	17	15	17	16	20	20	15.5	17	18	20	18	17.5	18.5	19.5	18
20						11.5	13	16	14	11	13	12	17	17	12	13	14	15.5	16	13	14	16	20
22						8.5	10	13	11	8	10	9.5	14	15	9	10	12	13	14.5	10	11	13	22
24										5.5	7.5	7	12	12.5	7	7.5	10	11	12	8	9	10.5	24
26										4	5.5	5.5	10	10	5	5.5	7	9	10	5.5	7	8.5	26
28										2	3	3.5	7	8	3	4	5.5	7.5	8.5	4	5	7	28
30																2.5	4	6	7	2.5	4	6	30
32																		4	5		2.5	4.5	32
34																						3.5	34
36																						2.5	36
38																							38
40																							40
42																							42
44																							44
46																							46
48																							48
50																							50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0	16	16	16	16	14	16	16	16	15	12	16	13	8	8	9	12	14	7	6	7	7	11	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	46	0	0	0	92	46	0	0	0	92	46	46	0	0	92	92	46	2
3	0	46	0	0	0	46	46	0	0	46	46	92	0	0	46	92	46	0	0	92	46	46	3
4	0	0	46	0	0	0	46	46	0	0	46	46	0	0	46	46	46	92	0	46	46	46	4
5	0	0	0	46	0	0	0	46	46	0	0	0	92	46	0	0	46	46	92	0	46	46	5
6	0	0	0	0	46	0	0	0	46	0	0	0	46	92	0	0	0	46	92	0	0	46	6

Load Chart - Telescopic Boom

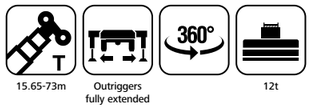
Unit: t

15.65-73m | Outriggers fully extended | 27t

Radius (m)	42.03	42.03	42.03	47.31	47.31	47.31	47.31	47.31	47.31	52.58	52.58	52.58	52.58	52.58	57.86	57.86	57.86	57.86	63.14	63.14	68.41	73	Radius (m)
3																							3
3.5																							3.5
4																							4
4.5																							4.5
5																							5
6																							6
7																							7
8	46	42	45																				8
9	40	40	42	50	46	36	36	34	28														9
10	38	38	40	45	44	34	33.5	32	27	42	40	35	32.5	29									10
11	35	30	37	42	42	32	31.5	30	25.5	40	38	33	30	27									11
12	30	28	34	40	40	30	30	28	23	36	35	31	28	26	34	28	25	24	25	23			12
14	26.5	26	30	32	31.5	26	25	25	21	31.5	32.5	27	26	24	32	26	23	22	23	21	19		14
16	23	24	26	25	26	24	22.5	22	20	24	25	24	22	21.5	26	24	21	20	20	19	17	15.5	16
18	20.5	21.5	22	19.5	20	19	20	20	17.5	19	20	21	19	19	20.5	20.5	18	18	16.5	18	16	14	18
20	17.5	18	18.5	16	17	15	17.5	18	15	15	15.5	16.5	17	17.5	16	16.5	17	16	15.5	16	14	12	20
22	14.5	15	15.5	13	14	12	14.5	15	13	12	12.5	13.5	14	15	13	13.5	15	15	12.5	14	12	11	22
24	12	13	14	10	11	10	12	12	12	10	10.5	11	12	12.5	10.5	11	12.5	13.5	10.5	11.5	10.5	10	24
26	10	11	12	8	9	8	10.5	10	10.5	8	8.5	9.5	10	10.5	8.5	9	10.5	11.5	8.5	10	8.5	9	26
28	8	9.5	11	6.5	7	6.5	8.5	8	9.5	6.5	7	7.5	8.5	9	7	7.5	9	9.5	7	8.5	7	7.5	28
30	6.5	8	8.5	5	5.5	5	7.3	7	8.5	5.3	6	6.5	7.5	8	5.5	6.5	7.5	8	6	7	6	6.3	30
32	5	7	7.5	4	4.5	4	6.2	6	7	4	4.5	5	6	6.5	4	5.5	6	7	4.5	6	5	5.2	32
34	4	6	6.5	3	3.5	3	5.3	5	6	3	3.7	4	5	5.5	3	4.5	5	6	3.5	5	4	4.2	34
36	3	4	4	2	2.5		4.5	4	5	2	3	3.5	4	4.8	2	3.5	4	5	2.5	4	3	3.3	36
38		3	3				4	3	4.5		2	2.5	3.5	4		2.5	3.5	4	2	3.5	2.5	2.5	38
40							3	2	3.5				3	3.5			3	3.5		2.5	2	2	40
42													2	2.5			2	2.5		2			42
44																		2					44
46																							46
48																							48
50																							50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0	7	7	5	6	7	7	5	5	4	5	5	5	4	4	4	4	4	3	3	3	3	2	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	92	46	46	0	0	0	92	46	46	0	0	92	46	46	0	92	46	92	100	2
3	92	46	0	46	92	46	46	46	0	92	92	46	92	46	92	92	46	92	92	92	92	100	3
4	46	46	46	46	46	46	92	46	92	46	92	46	92	92	92	92	92	92	92	92	92	100	4
5	46	46	92	46	46	46	92	92	92	46	46	92	92	92	46	92	92	92	92	92	92	100	5
6	46	92	92	46	46	92	46	92	92	46	46	92	46	92	46	46	92	92	46	92	92	100	6

Load Chart - Telescopic Boom

Unit: t

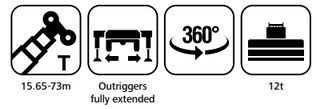


15.65-73m | Outriggers fully extended | 12t

Radius (m)	15.65	20.93	20.93	20.93	20.93	26.2	26.2	26.2	26.2	31.48	31.48	31.48	31.48	31.48	36.75	36.75	36.75	36.75	36.75	42.03	42.03	42.03	Radius (m)
3	220.0																						3
3.5	180.0	150.0	145	95.0	80.0																		3.5
4	160.0	150.0	140.0	85.0	76.0	130.0	125.0	95.0	85.0														4
4.5	145.0	135.0	130.0	80.0	68.0	130.0	120.0	90.0	80.0														4.5
5	130.0	130.0	115.0	75.0	63.0	125.0	112.0	82.0	76.0	100.0	100.0	80.0	65.0	55.0									5
6	105.0	100.0	100.0	68.0	60.0	95.0	90.0	76.0	74.0	80.0	85.0	75.0	60.0	50.0	72.0	85.0	85.0	60.0	55.0				6
7	80.0	78.0	75.0	63.0	58.0	75.0	68.5	73.0	70.0	70.0	75.0	70.0	56.0	45.0	68.0	75.0	75.0	55.0	47.0				7
8	61.0	60.0	57.0	56.0	54.0	55.0	54.3	55.8	57.5	50.2	55.0	52.3	50.0	40.0	50.0	53.0	53.0	50.0	41.0	50.0	52.0	52.0	8
9	48.0	46.0	45.4	46.5	44.0	45.0	43.6	45.4	46.7	39.0	45.0	43.0	42.0	38.0	40.0	42.0	44.0	44.0	36.0	40.0	42.0	44.0	9
10	40.0	38.0	35.9	36.8	37.6	36.0	34.9	36.5	37.7	32.0	38.0	34.0	38.0	36.0	31.0	34.0	38.0	36.0	35.0	30.3	34.0	38.0	10
11	30.0	30.0	29.9	30.7	31.3	32.0	29.5	30.7	31.8	26.9	32.0	28.9	31.8	32.1	26.4	26.9	33.0	30.0	31.0	25.9	26.6	33.0	11
12	24.0	24.0	25.2	26.0	26.6	25.0	25.0	26.3	27.4	22.7	26.0	24.7	25.0	26.0	22.7	23.3	27.0	26.0	25.0	22.4	23.1	28.0	12
14		16.0	18.0	18.2	18.9	17.0	17.5	18.9	20.1	15.3	18.0	17.4	20.0	21.3	16.1	16.6	19.0	18.0	21.0	16.1	16.8	20.0	14
16		11.0	12.0	12.6	13.3	12.0	12.0	13.4	14.6	10.2	12.0	12.2	15.0	15.9	11.4	11.9	14.0	13.0	16.1	11.6	12.3	15.0	16
18		7.0	8.0	8.9	9.5	8.0	8.1	9.4	10.6	7.0	8.5	8.4	11.0	12.0	7.8	8.3	10.5	11.0	12.4	8.2	8.9	11.0	18
20						5.0	5.0	6.4	7.5	4.0	6.0	7.0	8.5	8.9	5.0	5.5	7.0	8.5	9.6	5.5	6.2	8.0	20
22						3.0	4.0	4.5	5.2	2.0	3.5	5.0	6.5	7.0	2.5	3.2	5.0	6.3	7.3	3.1	3.9	7.0	22
24										2.0	3.5	5.0	5.5			3.5	5.0	5.4		2.0	5.5		24
26											2.0	4.0	4.5			2.0	4.0	4.5			4.0		26
28												3.0	3.5				3.0	3.5			2.5		28
30																		2.5					30
32																							32
34																							34
36																							36
38																							38
40																							40
42																							42
44																							44
46																							46
48																							48
50																							50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0	16	16	16	16	14	16	16	16	15	12	16	13	8	8	9	12	13	7	6	7	7	8	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	46	0	0	0	92	46	0	0	0	92	46	46	0	0	92	92	46	2
3	0	46	0	0	0	46	46	0	0	46	46	92	0	0	46	92	46	0	0	92	46	46	3
4	0	0	46	0	0	0	46	46	0	0	46	46	0	0	46	46	46	92	0	46	46	46	4
5	0	0	0	46	0	0	0	46	46	0	0	0	92	46	0	0	46	46	92	0	46	46	5
6	0	0	0	0	46	0	0	0	46	0	0	0	46	92	0	0	0	46	92	0	0	46	6

Load Chart - Telescopic Boom

Unit: t



15.65-73m | Outriggers fully extended | 12t

Radius (m)	42.03	42.03	42.03	47.31	47.31	47.31	47.31	47.31	47.31	52.58	52.58	52.58	52.58	52.58	57.86	57.86	57.86	57.86	63.14	63.14	68.41	73	Radius (m)
3																							3
3.5																							3.5
4																							4
4.5																							4.5
5																							5
6																							6
7																							7
8	45.0	40.0	35.0																				8
9	40.0	38.0	33.0	42.0	40.0	34.0	33.5	33.0	28.0														9
10	35.0	33.4	30.7	36.0	35.0	32.0	32.0	30.0	26.5	34.0	33.0	33.0	30.0	28.0									10
11	30.0	29.2	28.0	32.0	30.0	28.0	27.5	27.0	25.0	31.0	28.0	27.0	26.0	26.0									11
12	25.0	25.6	25.0	26.0	24.0	22.0	22.5	21.0	20.0	26.0	24.0	22.0	21.0	20.5	25.0	22.0	21.0	20.5	20.0	19.0			12
14	20.0	19.8	20.0	19.0	17.0	17.5	18.0	18.0	18.5	18.0	15.6	16.4	17.0	17.5	18.0	16.0	15.7	16.5	19.0	15.0	15.5		14
16	16.0	15.2	16.0	14.0	12.5	13.5	13.8	14.2	14.6	13.5	12.2	13.1	13.0	13.6	13.5	12.0	12.6	12.8	15.0	12.0	14.0	9.4	16
18	11.5	12.0	12.0	10.5	9.6	10.5	10.9	11.3	11.6	10.5	9.5	10.5	10.3	11.0	11.0	9.7	10.2	10.3	12.0	9.7	11.5	8.0	18
20	8.5	9.0	9.5	8.0	7.2	8.0	8.5	9.0	9.3	8.0	7.3	8.2	8.1	8.8	8.5	7.7	8.2	8.3	9.0	7.8	9.0	6.7	20
22	7.5	8.0	7.3	6.0	5.2	6.0	6.5	7.0	7.3	6.0	5.5	6.4	6.3	7.0	6.0	5.9	6.5	6.6	7.0	6.2	7.0	5.7	22
24	5.5	6.5	5.5	4.0	3.5	4.5	5.0	5.3	5.6	4.0	4.0	4.8	4.7	5.4	4.0	4.4	5.0	5.2	5.0	4.9	5.0	4.4	24
26	4.0	5.5	5.0	2.5	2.0	3.0	3.5	3.9	4.2	2.5	2.5	3.4	3.3	4.0	3.0	3.0	3.7	3.9	3.5	3.6	3.5	3.2	26
28	3.0	4.5	4.8	1.5		1.5	2.0	2.6	3.0	1.5	2.0	2.5	2.0	2.8	2.0	2.0	2.5	3.0	2.5	2.4	2.5	2.1	28
30	2.0	3.5	4.0					2.0	2.0					1.7			2.0	2.5	1.5	1.3	1.5	1.5	30
32		2.5	3.5																				32
34																							34
36																							36
38																							38
40																							40
42																							42
44																							44
46																							46
48																							48
50																							50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0	7	7	5	5	5	5	5	5	4	4	4	4	4	4	3	3	3	3	3	3	2	2	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	92	46	46	0	0	0	92	46	46	0	0	92	46	46	0	92	46	92	100	2
3	92	46	0	46	92	46	46	46	0	92	92	46	92	46	92	92	46	92	92	92	92	100	3
4	46	46	46	46	46	46	92	46	92	46	92	46	92	92	92	92	92	92	92	92	92	100	4
5	46	46	92	46	46	46	92	92	92	46	46	92	92	92	46	92	92	92	92	92	92	100	5
6	46	92	92	46	46	92	46	92	92	46	46	92	46	92	46	46	92	92	46	92	92	100	6

Load Chart - Telescopic Boom

Unit: t

15.65-73m | Outriggers fully extended | 0t

Radius (m)	15.65	20.93	20.93	20.93	20.93	26.2	26.2	26.2	26.2	31.48	31.48	31.48	31.48	31.48	36.75	36.75	36.75	36.75	36.75	42.03	42.03	42.03	Radius (m)
3	200																						3
3.5	175	150	145	90	80																		3.5
4	160	150	140	85	75	130	125	95	85														4
4.5	140	138	130	80	68	130	120	90	80														4.5
5	125	125	115	75	65	125	110	80	76	108	110	80	65	55									5
6	100	98	100	68	60	90	85	75	74	100	105	75	60	50	70	91	91	75	55				6
7	80	68	70	62	58	65	65	72	70	75	80	70	55	45	66	75	78	70	46				7
8	55	50	50	52	53	48	50	52	55	50	60	50	50	40	48	52	55	50	40	48	55	60	8
9	38	32.5	40	40	41	36	40	42	40	35	45	40	40	37	38	38	40	43.5	35	35	38	42	9
10	30	23	28	30	31	26.5	30	31.5	32	24	30	30	35.5	35	29	28	32	33.5	32	25	29	33	10
11	16	17	22	24	24	20	23	25	25	17	19	22	29.5	28.5	23.5	21	26	28	26	20	22	26	11
12	14	13	16	18	19	15	18	18.5	19	13	15	17	23	24	13.5	16	20	21.5	22.5	15	17	20	12
14		7	10	12	13	9	11.5	13	13	6	9	11	16	17	8	10	14	15	16	9	10.5	13	14
16		4	6	8	9	5	7.5	9	10	3	5	7	12	12.5	5	6	9	10	12	5	6.5	9	16
18			3	5	7		4.5	6	7		2.5	4	8	9.5	2	3	6.5	7.5	8.5	2	4	6	18
20							2.5	4	5			2	6	7			4.5	5.5	6.5		2	4	20
22													4	5				4	5			2	22
24														4				2	4.5				24
26																							26
28																							28
30																							30
32																							32
34																							34
36																							36
38																							38
40																							40
42																							42
44																							44
46																							46
48																							48
50																							50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0	16	16	16	16	14	16	16	16	15	12	16	13	8	8	9	11	11	7	6	6	6	6	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	46	0	0	0	46	0	0	0	92	46	0	0	0	92	46	46	0	0	92	92	46	2
3	0	0	46	0	0	46	46	0	0	46	46	92	0	0	46	92	46	0	0	92	46	46	3
4	0	0	0	46	0	0	46	46	0	0	46	46	0	0	46	46	46	92	0	46	46	46	4
5	0	0	0	0	0	0	0	46	46	0	0	0	92	46	0	0	46	46	92	0	46	46	5
6	0	0	0	0	46	0	0	0	46	0	0	0	46	92	0	0	0	46	92	0	0	46	6

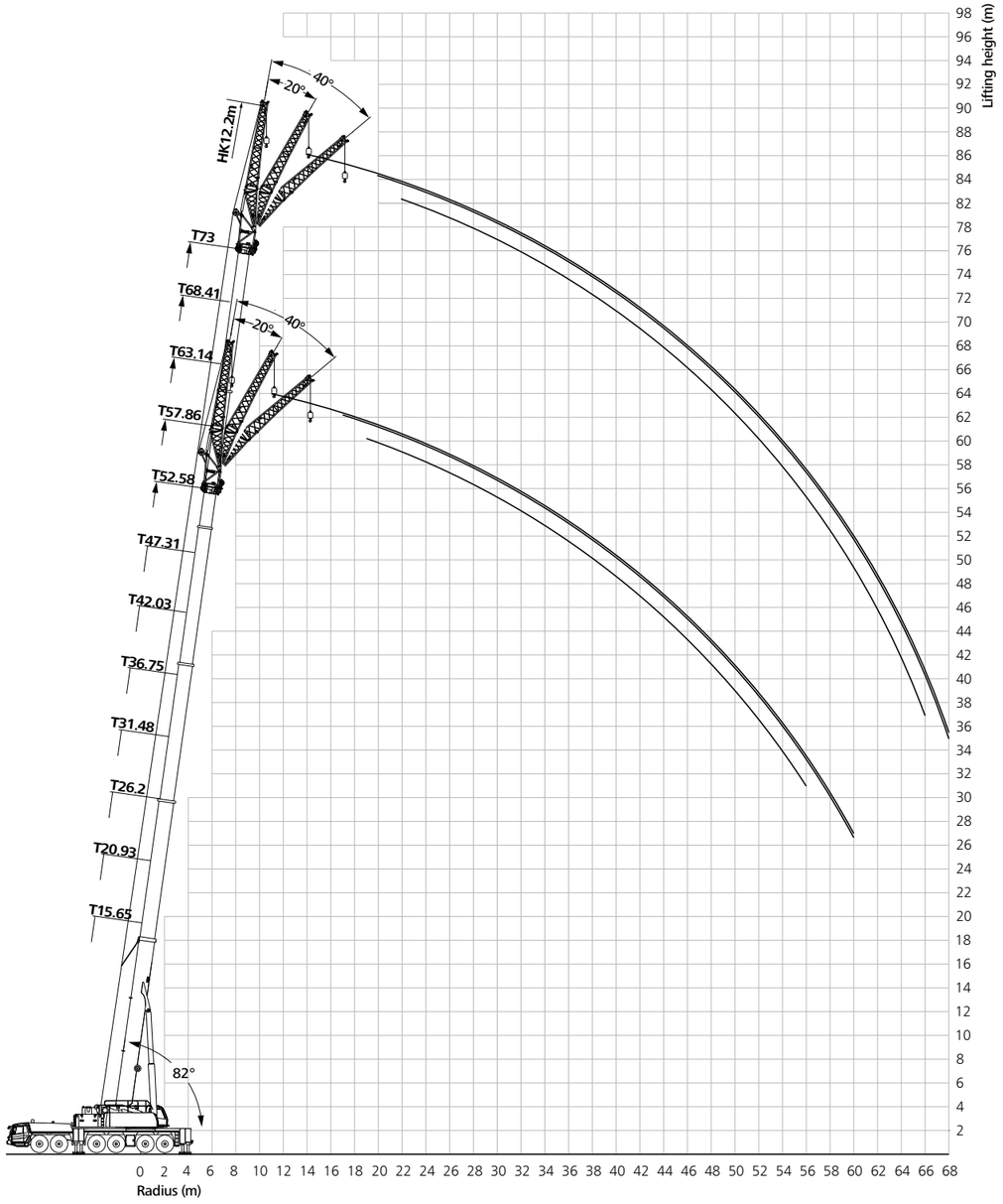
Load Chart - Telescopic Boom

Unit: t

15.65-73m | Outriggers fully extended | 0t

Radius (m)	42.03	42.03	42.03	47.31	47.31	47.31	47.31	47.31	47.31	52.58	52.58	52.58	52.58	52.58	57.86	57.86	57.86	57.86	63.14	63.14	68.41	73	Radius (m)
3																							3
3.5																							3.5
4																							4
4.5																							4.5
5																							5
6																							6
7																							7
8	34.4	35.3																					8
9	32.5	33.5	27	40	40	34	33.5	33	28														9
10	30.5	32	22.5	30	33	30	31	30	26	30	32	33	30	28									10
11	26.5	28.5	21	24	26	24.5	27	27	25	24	26	26.5	25	26.5									11
12	22	23	20	19	20	19	22	20	20	19	20	20	20	22	19	20	20	20	20	18			12
14	14	16	16	12	13	13	15	15.5	18	11	13	14	15.5	17	12	14	15	16	13	14.5			14
16	10	11.5	13	7	9	9	10	11	13	8	9	10.5	10.5	12	8	9.5	11	12	9	10	9	7.3	16
18	7	8.5	10	5	6	6.2	7	8	10	5	6	7.5	7.5	9	5	6.5	7.5	8.5	6	7.3	6	5.3	18
20	5	6.5	8	3	4	4.2	5	6	7	3	4	5.5	5.5	6.5	3	4.5	5.5	6	4	5	4	3.8	20
22	3	4.5	6		2	2.8	3.5	4.5	5.5		2.5	4	4	5		2.5	4	4.5	2	3.5	2.5	2.5	22
24		3	4.5			1.5	2	3	4			2	2.5	3.5			2.5	3		2.3			24
26									3					2.5				2					26
28																							28
30																							30
32																							32
34																							34
36																							36
38																							38
40																							40
42																							42
44																							44
46																							46
48																							48
50																							50
52																							52
54																							54
56																							56
58																							58
60																							60
62																							62
64																							64
66																							66
0	7	7	5	4	4	4	4	4	4	3	3	3	3	3	2	2	2	3	2	2	2	1	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	92	46	46	0	0	0	92	46	46	0	0	92	46	46	0	92	46	92	100	2
3	92	46	0	46	92	46	92	46	0	92	92	46	92	46	92	92	46	92	92	92	92	100	3
4	46	46	46	46	46	46	92	92	92	46	92	46	92	92	92	92	92	92	92	92	92	100	4
5	46	46	92	46	46	46	46	92	92	46	46	92	92	92	46	92	92	92	92	92	92	100	5
6	46	92	92	46	46	92	46	46	92	46	46	92	46	92	46	46	92	92	46	92	92	100	6

Jib Operating Range



Load Chart - Fixed Jib

Unit: t

Jib offset : 0°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73.0	Working radius (m)
5											5
6											6
7											7
8											8
9	20.1										9
10	20.1	20.1									10
11	20.1	20.1	18.2								11
12	19.3	19.1	18.0	17.0	17.0						12
14	16.6	17.7	16.8	16.8	16.6	15.6	15.1	14.4			14
16	14.9	16.3	15.6	15.7	16.3	15.1	14.9	14.3	12.8		16
18	13.5	14.1	14.4	14.4	15.6	14.2	14.6	13.8	12.6	11.0	18
20	12.3	12.9	13.3	13.5	15.0	13.3	14.2	13.1	12.5	10.9	20
22	11.3	12.0	12.2	12.5	14.2	12.5	13.7	12.4	12	10.6	22
24	10.5	11.1	11.3	11.6	13.2	11.7	13	11.7	11.4	10.1	24
26	9.6	10.4	10.5	10.9	12.4	10.9	12.3	11.1	10.8	9.5	26
28	8.9	9.6	9.8	10.3	11.6	10.3	11.6	10.5	10.4	9.1	28
30	8.4	9.0	9.1	9.6	10.4	9.7	10.9	9.9	9.8	8.7	30
32	7.8	8.5	8.1	9.0	10.2	9.0	10.4	9.3	9.3	8.2	32
34	7.3	8.0	8.0	8.6	9.1	8.5	9.8	8.8	8.8	7.7	34
36	6.9	7.6	7.5	8.1	8.7	8.0	9.2	8.3	8.5	7.4	36
38	6.4	7.1	6.8	7.6	8.1	7.5	8.7	7.9	8	7.0	38
40	6.1	6.8	6.7	7.2	7.7	7.0	8.4	7.5	7.6	6.7	40
42	6.0	6.5	6.3	6.8	7.2	6.7	7.9	7.0	7.2	6.3	42
42	5.2	6.2	6.0	6.5	6.9	6.3	7.3	6.7	6.9	6.0	42
46	4.5	5.8	5.6	6.2	6.8	6.0	6.7	6.4	6.6	5.7	46
48		5.5	5.3	5.9	6.5	5.6	6.1	6.1	6.3	5.4	48
50		4.5	5.0	5.6	6.1	5.3	5.5	5.7	5.7	5.1	50
52			4.5	5.4	5.6	5.0	5.0	5.4	5.2	4.9	52
54			3.8	5.0	5.1	4.8	4.6	5.2	4.8	4.7	54
56			3.0	4.5	4.6	4.5	4.2	4.9	4.4	4.3	56
58				4.0	4.2	4.1	3.8	4.5	4.0	3.9	58
60				3.2	3.4	3.3	3.2	4.0	3.6	3.5	60
62					3.0	2.9	2.8	3.6	3.2	3.1	62
64						2.5	2.4	3.0	3.0	2.9	64
66								2.2	2.5	2.6	66
68										2.3	68
70											70
72											72
74											74
76											76
78											78
80											80
n	2	2	2	2	2	2	2	2	2	1	n
1	0+	0+	0+	0+	92+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	46+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	m/s

Load Chart - Fixed Jib

15.65-73m 12.2m Outriggers fully extended 100t

Unit: t

Jib offset : 20°

Working radius (m)	36.8	42	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73	Working radius (m)
7											7
8											8
9											9
10											10
11											11
12											12
14	12.1	12.3									14
16	11.4	11.5	11.6								16
18	10.7	10.9	11.1	11.5							18
20	10.1	10.5	10.5	11.0	11.1	11.2	11.3	10.9			20
22	9.6	9.9	10.2	10.3	10.6	10.7	10.9	10.5	10.5		22
24	9.2	9.5	9.7	9.9	10.4	10.5	10.5	10.2	10.2		24
26	8.7	9.1	9.3	9.6	9.9	10	10.1	9.8	9.8	9.1	26
28	8.5	8.7	8.8	9.1	9.6	9.7	9.7	9.4	9.4	8.8	28
30	8.1	8.4	8.4	8.7	9.3	9.4	9.5	9.0	9	8.5	30
32	7.7	8.1	7.9	8.3	9	9.1	9.1	8.6	8.6	8.1	32
34	7.2	7.8	7.5	7.8	8.7	8.8	8.8	8.2	8.2	7.7	34
36	6.8	7.4	7.0	7.5	8.5	8.6	8.5	7.8	7.8	7.3	36
38	6.4	7.0	6.7	7.1	8	8.1	8.1	7.4	7.5	6.9	38
40	6.2	6.8	6.3	6.8	7.7	7.8	7.8	7.0	7.1	6.7	40
42	5.5	6.4	6.0	6.4	7.2	7.3	7.5	6.7	6.9	6.4	42
44	4.8	6.2	5.8	6.1	6.9	7	7.1	6.5	6.7	6.0	44
46	4.0	5.6	5.6	5.9	6.6	6.7	6.7	6.3	6.5	5.7	46
48		5.0	5.2	5.8	6.2	6.3	6.2	6.1	6.3	5.4	48
50		4.2	5.0	5.6	5.9	6	5.8	5.8	6	5.1	50
52			4.4	5.4	5.8	5.9	5.3	5.5	5.5	4.9	52
54			3.5	5.0	5.2	5.3	4.9	5.2	5	4.7	54
56				4.2	4.4	4.5	4.4	5.0	4.6	4.5	56
58				3.5	3.7	3.8	3.9	4.7	4.2	4.1	58
60				2.5	2.7	3.0	3.2	4.0	3.8	3.7	60
62						2.5	2.8	3.5	3.4	3.3	62
64							2.5	2.8	3.0	3.0	64
66									2.5	2.7	66
68									2.0	2.2	68
70											70
72											72
74											74
76											76
78											78
80											80
82											82
n	2	2	2	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Load Chart - Fixed Jib

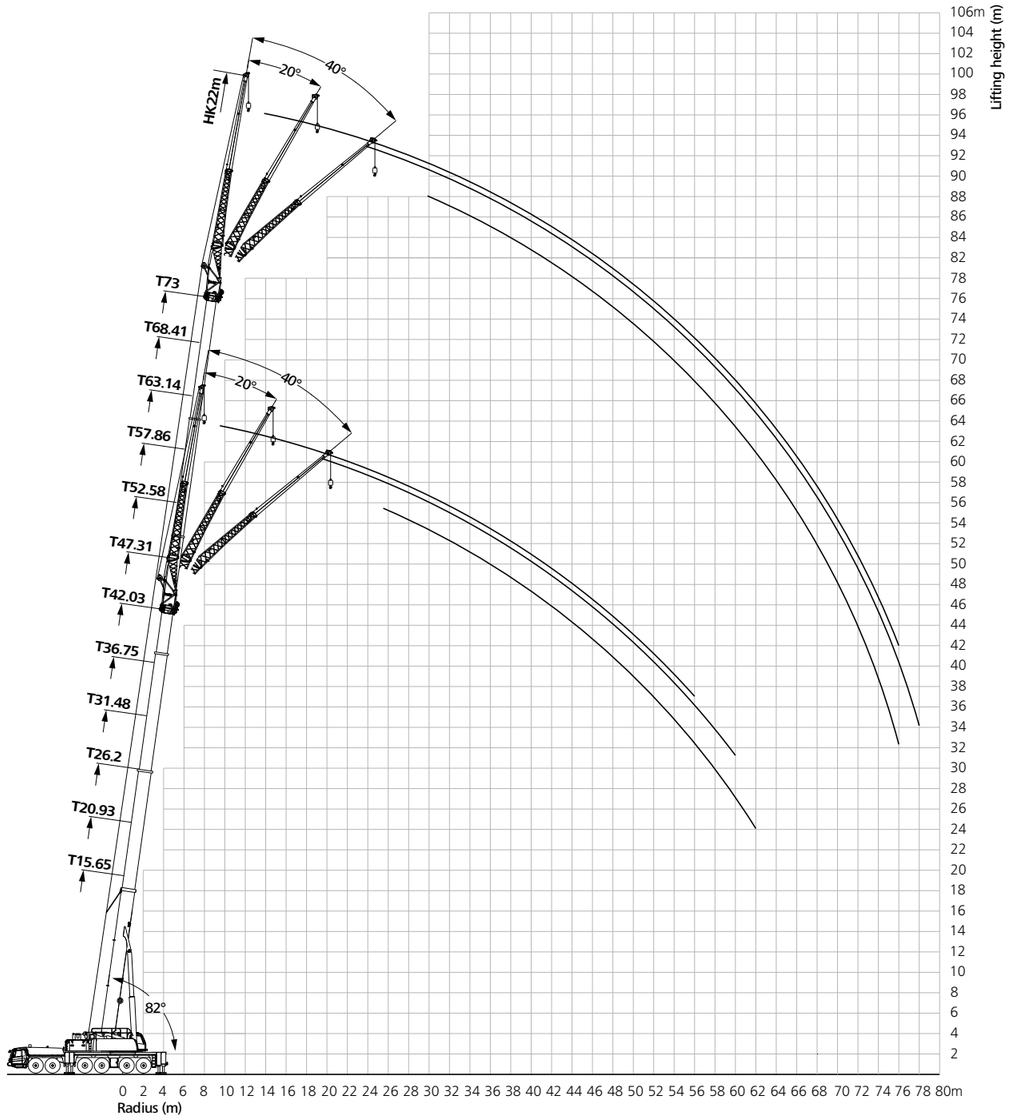
15.65-73m 12.2m Outriggers fully extended 100t

Unit: t

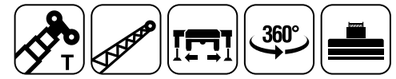
Jib offset : 40°

Working radius (m)	36.8	42	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73	Working radius (m)
10											10
12											12
14											14
16											16
18	9.2	9.4									18
20	8.9	9.1	9.2								20
22	8.7	8.8	8.9	8.9	9.1						22
24	8.6	8.7	8.7	8.8	9	8.9					24
26	8.4	8.6	8.7	8.7	8.8	8.7	8.9	8.8			26
28	8.2	8.4	8.4	8.6	8.7	8.7	8.8	8.7	8.7	8.0	28
30	8.1	8.2	8.2	8.4	8.7	8.5	8.7	8.5	8.6	7.7	30
32	7.7	8.0	7.9	8.1	8.5	8.3	8.7	8.2	8.3	7.4	32
34	7.3	7.8	7.5	7.8	8.4	7.9	8.6	8.0	7.9	7.1	34
36	6.9	7.4	7.1	7.5	8.3	7.6	8.3	7.7	7.7	6.9	36
38	6.5	7.1	6.8	7.1	8	7.2	8	7.3	7.3	6.6	38
40	5.5	6.9	6.4	6.8	7.7	6.9	7.8	7.0	7.0	6.2	40
42	5.0	6.5	6.0	6.5	7.3	6.4	7.4	6.7	6.8	6.0	42
44		6.2	5.8	6.2	6.9	6.1	7.1	6.4	6.5	5.7	44
46		5.5	5.6	6.0	6.6	5.8	6.8	6.0	6.2	5.4	46
48		4.8	5.2	5.7	6.2	5.5	6.2	5.8	6.0	5.2	48
50			4.5	5.0	6	5.4	5.7	5.5	5.7	5.2	50
52			4.0	4.5	5.5	5.1	5.1	5.3	5.3	4.9	52
54				3.5	4.5	4.0	4.9	5.3	5.1	4.8	54
56				3.0	4.0	3.5	4.4	5.0	4.7	4.6	56
58					3.5	3.0	4.0	4.5	4.2	4.2	58
60					3.2	2.5	3.5	4.1	3.8	3.8	60
62					2.5		2.8	3.5	3.3	3.3	62
64							2.0	2.8	3.0	3.0	64
66								2.0	2.4	2.5	66
68											68
70											70
72											72
74											74
76											76
78											78
80											80
82											82
84											84
86											86
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Jib Operating Range



Load Chart - Fixed Jib



Unit: t

Jib offset : 0°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73.0	Working radius (m)
5											5
6											6
7											7
8											8
9											9
10	8.5	8.5									10
11	8.3	8.4	8.5								11
12	7.9	8.2	8.0	8.0							12
14	7.8	8.0	7.9	7.7	8.1	7.8	7.7	7.5			14
16	7.5	7.4	7.8	7.6	7.6	7.7	7.7	7.4	6.5		16
18	7.2	7.2	7.6	7.5	7.5	7.6	7.6	7.4	6.5	5.8	18
20	7.0	6.9	7.5	7.4	7.4	7.0	7.4	7.3	6.4	5.8	20
22	6.8	6.8	7.0	7.2	7.2	6.9	6.9	7.2	6.3	5.8	22
24	6.5	6.6	6.5	6.9	7.0	6.7	6.8	7.0	6.2	5.7	24
26	6.2	6.3	6.2	6.7	6.8	6.1	6.6	6.8	6.1	5.7	26
28	6.0	6.0	6.0	6.5	6.6	6.0	6.5	6.4	5.9	5.6	28
30	5.8	5.9	5.9	6.4	6.2	5.8	5.9	5.7	5.8	5.5	30
32	5.5	5.7	5.7	6.2	6.0	5.7	5.7	5.6	5.7	5.4	32
34	5.3	5.5	5.5	5.9	5.7	5.5	5.6	5.4	5.6	5.3	34
36	5.1	5.2	5.3	5.3	5.5	5.3	5.4	5.3	5.4	5.2	36
38	4.9	5.1	5.1	5.2	5.3	5.2	5.3	5.1	5.3	5.1	38
40	4.7	4.9	5.0	5.1	5.2	5.1	5.1	5.1	5.2	5	40
42	4.5	4.7	4.9	5.0	5.1	5.0	5.1	5.0	5.1	4.9	42
44	4.2	4.5	4.7	4.8	5.0	4.9	5	4.9	5	4.8	44
46	4.1	4.4	4.5	4.7	4.8	4.7	4.8	4.7	4.9	4.7	46
48	3.9	4.2	4.4	4.5	4.7	4.6	4.7	4.6	4.9	4.5	48
50	3.8	4.1	4.2	4.4	4.6	4.4	4.6	4.5	4.8	4.4	50
52	3.6	3.9	4.1	4.2	4.5	4.5	4.5	4.7	4.7	4.2	52
54	3.2	3.8	4.0	4.2	4.4	4.3	4.4	4.5	4.6	4	54
56	2.5	3.5	3.8	4.2	4.2	4.1	4.3	4.3	4.5	3.8	56
58	2.0	3.0	3.7	4.0	4.2	3.9	4.2	4.2	4.3	3.6	58
60		2.4	3.3	3.8	4.2	3.7	3.9	4.0	4.0	3.4	60
62		2.0	3.0	3.7	4.0	3.5	3.5	3.8	3.6	3.3	62
64			2.5	3.0	3.7	3.3	3.2	3.6	3.3	3.1	64
66			2.0	2.5	3.5	3.0	2.9	3.5	3.0	2.9	66
68				2.0	3.0	2.5	2.7	3.2	2.8	2.6	68
70					2.5	2.0	2.4	2.5	2.5	2.4	70
72							2.0	2.0	2.3	2.1	72
74									2.0	1.9	74
76										1.7	76
78											78
80											80
82											82
84											84
86											86
n	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	n
1	0+	0+	0+	0+	92+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	46+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	m/s

Load Chart - Fixed Jib

Unit: t

Jib offset : 20°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73.0	Working radius (m)
12											12
14											14
16											16
18											18
20	5.9										20
22	5.7	5.7	5.6								22
24	5.5	5.5	5.5	5.4	5.5	5.5					24
26	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.3		26
28	5.1	5.1	5.2	5.2	5.3	5.3	5.3	5.3	5.2	5	28
30	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.1	4.9	30
32	4.8	4.9	4.9	5.0	5.1	5.1	5.1	5.0	5	4.9	32
34	4.7	4.8	4.9	4.9	5	5.0	5	4.9	4.9	4.8	34
36	4.6	4.7	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.7	36
38	4.5	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.8	4.7	38
40	4.4	4.6	4.7	4.8	4.8	4.8	4.8	4.8	4.7	4.6	40
42	4.3	4.4	4.6	4.7	4.7	4.7	4.8	4.7	4.6	4.5	42
44	4.3	4.3	4.5	4.6	4.7	4.6	4.7	4.6	4.6	4.5	44
46	4.3	4.3	4.4	4.5	4.6	4.6	4.6	4.6	4.5	4.4	46
48	4.2	4.2	4.3	4.4	4.6	4.5	4.5	4.5	4.5	4.3	48
50	4.0	4.2	4.2	4.4	4.5	4.5	4.5	4.5	4.4	4.2	50
52	3.5	4.2	4.2	4.3	4.4	4.4	4.5	4.4	4.4	4.2	52
54	3.0	4.0	4.1	4.2	4.3	4.3	4.4	4.4	4.3	4.1	54
56		3.5	3.9	4.2	4.2	4.1	4.3	4.3	4.3	3.9	56
58		3.0	3.5	4.0	4.2	4.0	4.3	4.2	4.2	3.7	58
60		2.5	3.2	3.9	4.1	3.8	4.2	4.0	4.1	3.6	60
62			2.6	3.6	4.1	3.6	3.8	3.8	4.0	3.4	62
64			2.0	3.0	3.9	3.4	3.5	3.7	3.6	3.2	64
66				2.4	3.6	3.0	3.1	3.5	3.3	3.1	66
68				2.0	3.2	2.5	2.8	3.4	3.0	3	68
70					2.5	2.0	2.5	2.6	2.7	2.7	70
72					2.0		2.0	2.0	2.4	2.3	72
74							1.6	1.6	2.0	2.1	74
76										1.8	76
78										1.2	78
80											80
82											82
84											84
86											86
88											88
90											90
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

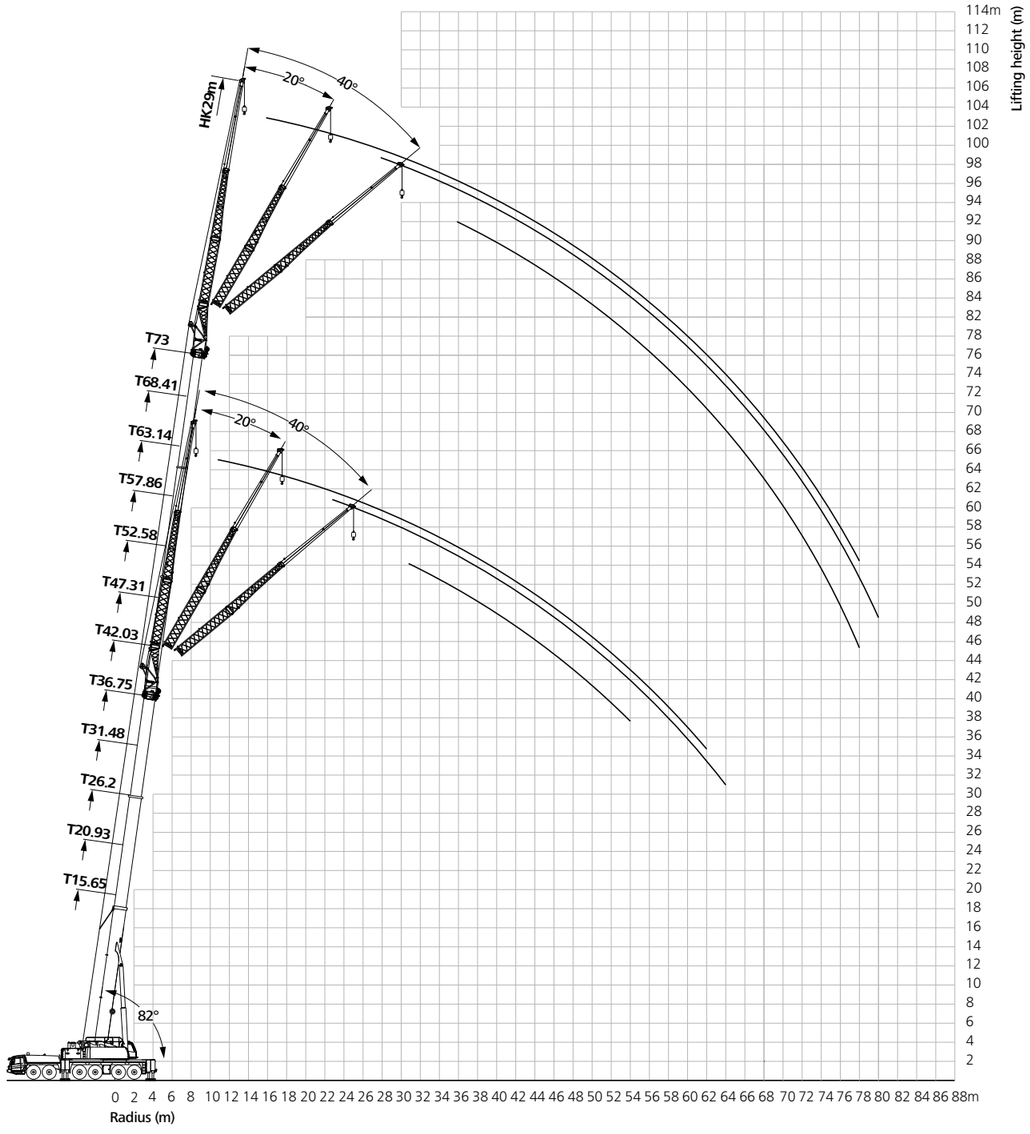
Load Chart - Fixed Jib

Unit: t

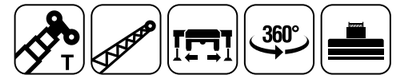
Jib offset : 40°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73.0	Working radius (m)
18											18
20											20
22											22
24											24
26	4.6										26
28	4.5	4.5	4.4	4.4	4.3	4.3					28
30	4.4	4.4	4.4	4.3	4.3	4.3					30
32	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2		32
34	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	34
36	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	36
38	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	38
40	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	40
42	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	42
44	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	44
46	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	46
48	4.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	48
50	3.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.0	50
52	3.5	4.0	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.0	52
54		3.8	4.0	4.2	4.2	4.2	4.2	4.2	4.1	3.9	54
56		3.2	3.8	4.1	4.2	4.0	4.2	4.2	4.1	3.8	56
58			3.5	4.0	4.2	3.8	4.2	4.1	4.1	3.7	58
60			3.0	3.8	4.2	3.8	4.2	3.9	4.1	3.7	60
62			2.5	3.2	4.0	3.5	3.7	3.7	3.9	3.5	62
64				2.5	3.8	3.2	3.5	3.7	3.8	3.3	64
66				2.0	3.5	2.8	3.0	3.5	3.3	3.2	66
68					3.0	2.2	2.8	3.1	3.0	3.0	68
70							2.0	2.5	2.7	2.7	70
72								2.0	2.3	2.3	72
74									1.8	2	74
76										1.5	76
78											78
80											80
82											82
84											84
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Jib Operating Range



Load Chart - Fixed Jib



Unit: t

Jib offset : 0°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73.0	Working radius (m)
6											6
7											7
8											8
9											9
10											10
11	6.0										11
12	6.0	5.8									12
14	6.0	5.7	5.6	5.6	5.6						14
16	5.9	5.6	5.4	5.5	5.6	5.3	5.3				16
18	5.7	5.6	5.4	5.4	5.5	5.3	5.3	5.0	4.8		18
20	5.5	5.4	5.2	5.4	5.4	5.2	5.2	5.0	4.8	4.3	20
22	5.2	5.2	5.1	5.1	5.2	4.9	5.1	4.9	4.7	4.3	22
24	5.1	5.1	5.0	4.9	5.0	4.9	5.0	4.9	4.7	4.3	24
26	4.8	4.8	4.8	4.7	4.8	4.9	4.9	4.7	4.6	4.2	26
28	4.5	4.6	4.6	4.5	4.6	4.7	4.8	4.6	4.4	4.1	28
30	4.3	4.4	4.4	4.4	4.5	4.6	4.7	4.5	4.3	4.1	30
32	4.2	4.2	4.2	4.2	4.3	4.4	4.5	4.3	4.2	4.0	32
34	4.0	4.0	4.1	4.3	4.4	4.3	4.4	4.2	4.1	3.9	34
36	3.8	3.9	4.1	4.2	4.3	4.1	4.2	4.1	4.0	3.8	36
38	3.6	3.7	3.9	4.0	4.1	4.0	4.1	4.0	3.9	3.7	38
40	3.4	3.5	3.8	3.8	4.0	3.9	4.0	3.8	3.8	3.6	40
42	3.3	3.3	3.6	3.7	3.8	3.7	3.8	3.7	3.7	3.5	42
44	3.1	3.3	3.5	3.6	3.7	3.6	3.7	3.6	3.6	3.4	44
46	2.9	3.1	3.3	3.4	3.6	3.5	3.6	3.5	3.4	3.3	46
48	2.7	3.0	3.1	3.3	3.5	3.4	3.5	3.4	3.3	3.2	48
50	2.6	2.8	3.0	3.2	3.3	3.2	3.3	3.3	3.2	3.2	50
52	2.5	2.7	3.0	3.0	3.2	3.1	3.2	3.2	3.2	3.1	52
54	2.5	2.7	2.9	2.9	3.1	3.0	3.1	3.1	3.1	3.0	54
56	2.4	2.6	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	56
58	2.2	2.5	2.7	2.8	3.0	2.9	3.0	3.0	3.0	2.9	58
60	2.0	2.4	2.4	2.7	2.9	2.8	3.0	2.9	2.9	2.9	60
62	1.6	2.0	2.5	2.6	2.8	2.7	2.9	2.8	2.9	2.8	62
64	1.2	1.5	2.4	2.5	2.7	2.7	2.8	2.8	2.8	2.7	64
66			2.2	2.5	2.6	2.6	2.7	2.7	2.7	2.6	66
68			1.9	2.4	2.5	2.5	2.6	2.6	2.7	2.5	68
70			1.5	2.2	2.5	2.4	2.5	2.5	2.5	2.4	70
72				1.8	2.4	2.4	2.2	2.5	2.3	2.2	72
74				1.5	2.0	2.2	2.0	2.4	2.1	1.9	74
76					1.5	1.8	1.7	2.2	1.8	1.7	76
78						1.5	1.5	1.8	1.6	1.5	78
80						1.0	1.2	1.5	1.4	1.3	80
82								1.0	1.0	1.1	82
84											84
86											86
88											88
n	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	n
1	0+	0+	0+	0+	92+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	46+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	m/s

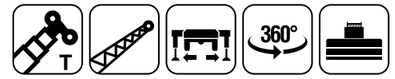
Load Chart - Fixed Jib

Unit: t

Jib offset : 20°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73.0	Working radius (m)
14											14
16											16
18											18
20											20
22											22
24	4.2										24
26	4.0	4.0	4.0								26
28	3.8	3.8	3.8	3.8	3.9	3.8					28
30	3.6	3.6	3.7	3.7	3.8	3.7	3.7	3.5	3.5		30
32	3.5	3.5	3.6	3.6	3.6	3.5	3.6	3.5	3.4	3.2	32
34	3.4	3.4	3.4	3.4	3.5	3.4	3.5	3.4	3.3	3.2	34
36	3.3	3.3	3.3	3.3	3.4	3.3	3.4	3.3	3.2	3.1	36
38	3.1	3.1	3.2	3.2	3.3	3.2	3.3	3.2	3.2	3.1	38
40	3.0	3.0	3.1	3.1	3.2	3.1	3.2	3.1	3.1	3.0	40
42	2.9	2.9	3.0	3.0	3.1	3.0	3.1	3.0	3.0	3.0	42
44	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	44
46	2.8	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	2.9	46
48	2.7	2.7	2.9	2.9	3.0	2.9	3.0	2.9	2.9	2.8	48
50	2.6	2.6	2.8	2.8	2.9	2.8	2.9	2.9	2.8	2.8	50
52	2.6	2.6	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.7	52
54	2.6	2.6	2.7	2.7	2.8	2.7	2.8	2.7	2.7	2.7	54
56	2.4	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.6	56
58	2.0	2.4	2.6	2.7	2.7	2.6	2.7	2.7	2.6	2.6	58
60		2.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	60
62			2.5	2.6	2.6	2.6	2.6	2.5	2.6	2.5	62
64			2.2	2.5	2.6	2.5	2.5	2.5	2.5	2.5	64
66			2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	66
68			1.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	68
70				2.1	2.5	2.5	2.5	2.5	2.5	2.4	70
72				1.8	2.2	2.3	2.5	2.5	2.5	2.3	72
74				1.4	1.8	2.0	2.2	2.5	2.3	2.2	74
76					1.4	1.6	2.0	2.2	2.1	2.0	76
78					1.0	1.2	1.6	2.0	1.9	1.8	78
80							1.2	1.6	1.6	1.5	80
82								1.2	1.2	1.3	82
84										1	84
86											86
88											88
90											90
92											92
94											94
96											96
98											98
100											100
102											102
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Load Chart - Fixed Jib

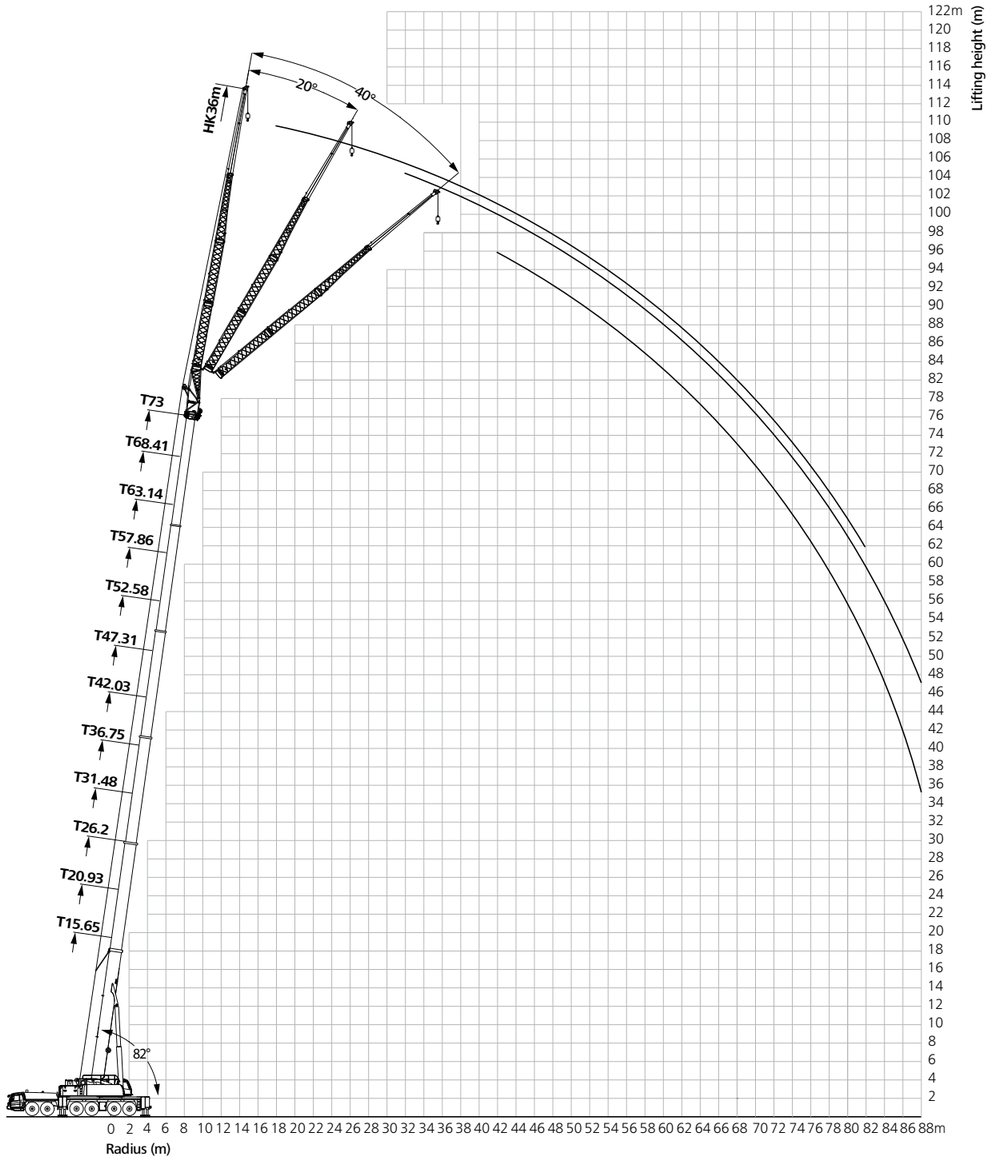


Unit: t

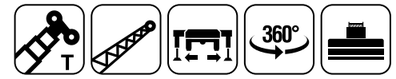
Jib offset : 40°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73.0	Working radius (m)
24											24
26											26
28											28
30											30
32	2.8	2.8									32
34	2.7	2.7	2.7								34
36	2.7	2.7	2.7	2.6	2.7	2.6	2.6				36
38	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.7		38
40	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.6	40
42	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	42
44	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	44
46	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.5	46
48	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	48
50	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	50
52	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	52
54	2.3	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	54
56	2.0	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	56
58	1.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	58
60		2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	60
62		1.5	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	62
64			2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	64
66			1.6	2.3	2.4	2.4	2.4	2.4	2.4	2.4	66
68			1.0	2.0	2.3	2.3	2.4	2.4	2.4	2.4	68
70				1.6	2.0	2.0	2.4	2.4	2.4	2.4	70
72				1.0	1.8	1.8	2.4	2.4	2.4	2.4	72
74					1.2	1.4	2.3	2.3	2.3	2.3	74
76						1.0	2.0	2.0	2.1	2.1	76
78							1.5	1.5	2.0	1.8	78
80							1.0	1.0	1.5	1.5	80
82									1.0	1.0	82
84											84
86											86
88											88
90											90
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Jib Operating Range



Load Chart - Fixed Jib



Unit: t

Jib offset : 0°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73.0	Working radius (m)
8											8
9											9
10											10
11											11
12											12
14	5.1	4.9									14
16	5.1	4.9	4.5								16
18	5.1	4.9	4.5	4.2	4.1	3.9					18
20	5.0	4.8	4.5	4.2	4.1	4.1	3.7	3.5	3.4		20
22	4.9	4.7	4.4	4.2	4.1	4.1	3.7	3.5	3.4	0.1	22
24	4.7	4.6	4.4	4.2	4.0	3.9	3.7	3.5	3.4	0.1	24
26	4.5	4.4	4.3	4.2	4.0	3.8	3.7	3.5	3.4	0.1	26
28	4.3	4.3	4.2	4.1	3.9	3.7	3.7	3.5	3.4	0.1	28
30	4.2	4.2	4.1	4.0	3.9	3.7	3.7	3.6	3.4	0.1	30
32	4.1	4.0	4.0	3.9	3.7	3.6	3.6	3.5	3.4	0.1	32
34	3.9	3.9	3.8	3.8	3.6	3.5	3.5	3.5	3.3	0.1	34
36	3.7	3.7	3.7	3.6	3.5	3.4	3.4	3.3	3.3	0.1	36
38	3.5	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.3	0.1	38
40	3.4	3.4	3.4	3.4	3.3	3.2	3.3	3.2	3.2	0.1	40
42	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.1	0.1	42
44	3.1	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.0	0.1	44
46	3.0	3.1	3.1	3.1	3.1	3.0	3.0	2.9	2.9	0.1	46
48	2.8	2.9	3.0	3.0	2.9	2.8	2.9	2.8	2.8	0.1	48
50	2.7	2.8	2.8	2.9	2.8	2.7	2.8	2.7	2.7	0.1	50
52	2.6	2.7	2.7	2.8	2.8	2.7	2.7	2.6	2.7	0.1	52
54	2.4	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.6	0.1	54
56	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.5	0.1	56
58	2.2	2.4	2.4	2.4	2.5	2.5	2.5	2.4	2.4	0.1	58
60	2.1	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	0.1	60
62	2.0	2.2	2.2	2.3	2.4	2.4	2.4	2.4	2.4	0.1	62
64	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	0.1	64
66	1.5	2.0	1.9	2.1	2.1	2.1	2.2	2.1	2.3	0.1	66
68		2.0	1.8	2.0	2.0	1.9	2.1	2.1	2.2	0.1	68
70		1.5	1.7	1.9	1.9	1.9	2.0	2.0	2.1	0.1	70
72			1.2	1.8	1.8	1.8	1.9	1.9	2.0	0.1	72
74				1.7	1.7	1.7	1.8	1.8	1.7	0.1	74
76				1.2	1.6	1.6	1.7	1.7	1.5	0.1	76
78					1.5	1.4	1.7	1.7	1.4	0.1	78
80					1.0	1.0	1.6	1.7	1.1	0.1	80
82							1.5	1.8			82
84							1.0	1.3			84
86											86
88											88
90											90
92											92
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Load Chart - Fixed Jib

15.65-73m 36m Outriggers fully extended 100t

Unit: t

Jib offset : 20°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73.0	Working radius (m)
18											18
20											20
22											22
24											24
26	3.8										26
28	3.6	3.6	3.5								28
30	3.5	3.4	3.4	3.3							30
32	3.3	3.3	3.3	3.3	3.3	3.2	3.2				32
34	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.0		34
36	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9		36
38	3.1	3.1	3.1	3.1	3	2.9	3.0	2.9	2.9	2.7	38
40	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.7	40
42	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.6	42
44	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	44
46	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	46
48	2.6	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.4	48
50	2.5	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	50
52	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	52
54	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	54
56	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	56
58	2.2	2.3	2.4	2.4	2.4	2.3	2.4	2.3	2.3	2.2	58
60	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	60
62	2.0	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.1	62
64	1.8	2.1	2.1	2.2	2.2	2.1	2.2	2.2	2.2	2.1	64
66	1.5	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.1	2.0	66
68	1.2	1.8	1.9	2.0	2	2.0	2.1	2.1	2.1	1.9	68
70	1.0	1.5	1.8	2.0	2	2.0	2.0	2.0	2.1	1.8	70
72		1.2	1.6	1.9	1.9	1.9	2.0	2.0	2.0	1.7	72
74		1.0	1.4	1.8	1.8	1.8	1.9	1.9	1.9	1.6	74
76			1.2	1.6	1.6	1.6	1.8	1.8	1.9	1.5	76
78			1.0	1.3	1.5	1.5	1.7	1.7	1.6	1.5	78
80				1.0	1.2	1.2	1.6	1.6	1.5	1.4	80
82					1.0	1.0	1.5	1.6	1.2	1.1	82
84							1.2	1.4	1.0		84
86								1.0			86
88											88
90											90
92											92
94											94
96											96
98											98
100											100
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Load Chart - Fixed Jib

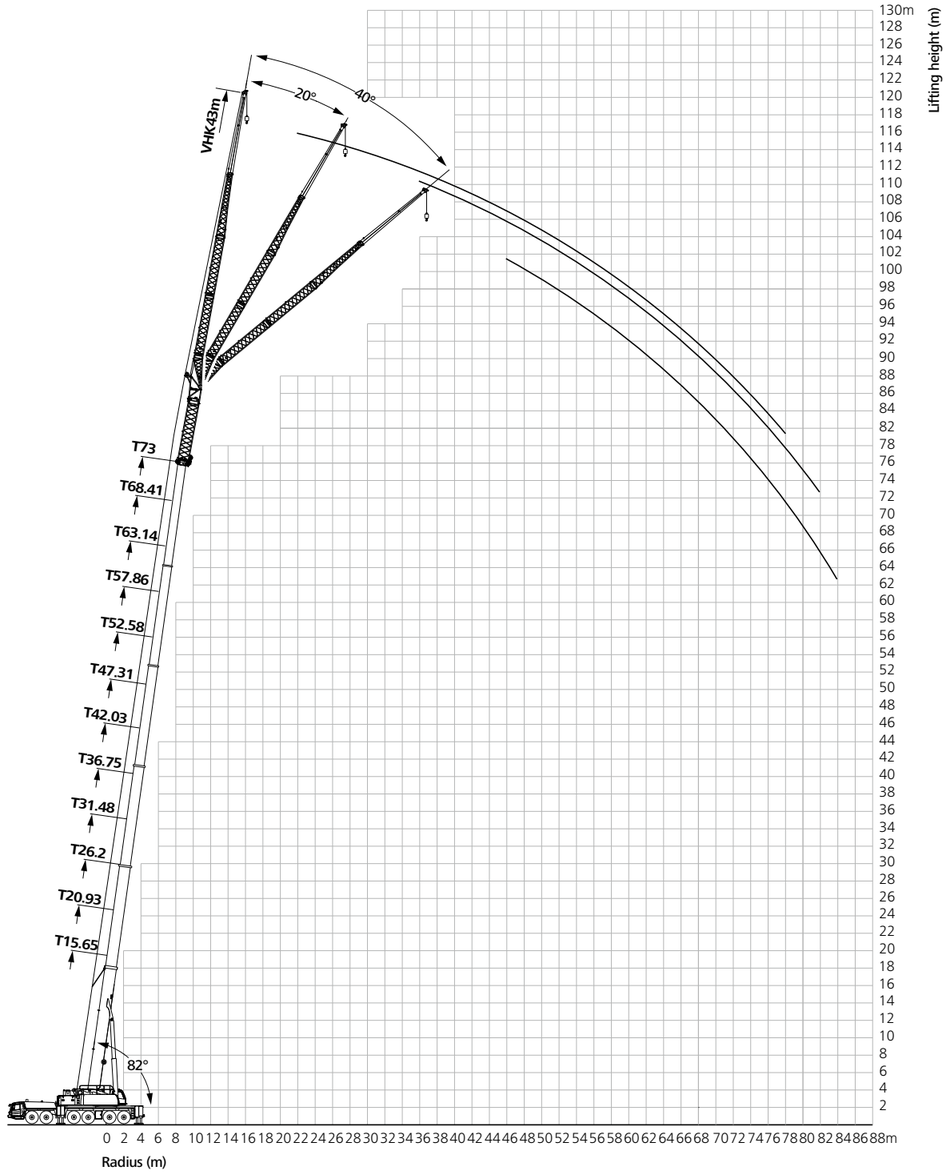
15.65-73m 36m Outriggers fully extended 100t

Unit: t

Jib offset : 40°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	73.0	Working radius (m)
26											26
28											28
30											30
32											32
34	2.7										34
36	2.7	2.6	2.6								36
38	2.6	2.6	2.6	2.5	2.5						38
40	2.6	2.6	2.5	2.5	2.5	2.5					40
42	2.5	2.5	2.5	2.5	2.5	2.5	2.4				42
44	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4		44
46	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	46
48	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	48
50	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	50
52	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	52
54	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	54
56	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.2	56
58	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.2	58
60	2.0	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.2	60
62		2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	62
64		1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.2	2.1	64
66		1.5	1.6	2.2	2.2	2.2	2.3	2.3	2.2	2.1	66
68			1.2	1.7	2.1	2.1	2.2	2.2	2.2	2.0	68
70				1.5	2.1	2.1	2.2	2.2	2.2	1.9	70
72				1.1	1.9	1.9	2.1	2.1	2.2	1.8	72
74					1.7	1.7	2.0	2.0	2.1	1.7	74
76					1.4	1.4	1.9	1.9	2.0	1.6	76
78					1.2	1.2	1.7	1.7	1.7	1.5	78
80							1.4	1.4	1.5	1.5	80
82							1.2	1.2	1.1	1.1	82
84											84
86											86
88											88
90											90
92											92
94											94
96											96
98											98
100											100
102											102
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Jib Operating Range



Load Chart - Fixed Jib

Unit: t

Jib offset : 0°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	72.0	Working radius (m)
9											9
10											10
11	3.6										11
12	3.6	3.4									12
14	3.6	3.4	3.1	3							14
16	3.6	3.4	3.1	3	2.8	2.7	2.4	2.3			16
18	3.6	3.4	3.1	3	2.8	2.7	2.4	2.3	2.2		18
20	3.5	3.4	3.1	3	2.8	2.8	2.4	2.3	2.2		20
22	3.4	3.3	3.1	3	2.8	2.8	2.4	2.3	2.2	1.7	22
24	3.2	3.2	3.1	3	2.8	2.7	2.4	2.3	2.2	1.7	24
26	3.2	3.1	3	2.9	2.7	2.5	2.4	2.3	2.2	1.7	26
28	3	3	2.9	2.8	2.6	2.4	2.4	2.3	2.2	1.7	28
30	2.9	2.9	2.8	2.7	2.6	2.4	2.4	2.3	2.2	1.7	30
32	2.8	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	1.7	32
34	2.6	2.6	2.6	2.5	2.4	2.3	2.3	2.3	2.2	1.7	34
36	2.5	2.5	2.5	2.4	2.3	2.2	2.3	2.2	2.2	1.7	36
38	2.4	2.4	2.4	2.3	2.3	2.2	2.3	2.2	2.1	1.7	38
40	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	1.7	40
42	2.2	2.3	2.3	2.2	2.2	2.1	2.1	2	2	1.7	42
44	2.1	2.2	2.2	2.2	2.1	2	2.1	2	2	1.7	44
46	2	2.1	2.1	2.1	2	1.9	2	1.9	1.9	1.7	46
48	1.9	2	2	2	2	1.9	1.9	1.8	1.9	1.7	48
50	1.8	1.9	1.9	1.9	1.9	1.8	1.9	1.8	1.8	1.7	50
52	1.8	1.8	1.8	1.8	1.8	1.7	1.8	1.7	1.8	1.7	52
54	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	54
56	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.6	56
58	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.6	1.5	58
60	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	60
62	1.4	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	62
64	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	64
66	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.3	1.4	1.4	66
68	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	68
70	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	70
72		1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.2	72
74		1.3	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.1	74
76			1.2	1.3	1.3	1.3	1.3	1.3	1.3	1	76
78				1.2	1.2	1.1	1.3	1.3	1.3	0.9	78
80				1.2	1.1		1.3	1.4	1.1		80
82				1.1	1.1		1.2	1.4			82
84					1		1.1				84
86							1				86
86											86
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	92+	0+	92+	46+	92+	92+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	46+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Load Chart - Fixed Jib

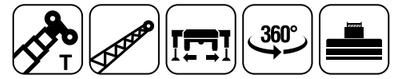
15.65-72m 43m Outriggers fully extended 100t

Unit: t

Jib offset : 20°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	72.0	Working radius (m)
22											22
24											24
26	2.5										26
28	2.4	2.3	2.3								28
30	2.3	2.3	2.3	2.2							30
32	2.2	2.2	2.2	2.1	2	1.9	1.9	1.8			32
34	2.1	2.1	2.1	2.1	2	1.9	1.9	1.8	1.7		34
36	2	2	2	2	1.9	1.8	1.8	1.8	1.7	1.5	36
38	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.5	38
40	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	40
42	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.5	42
44	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	44
46	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	46
48	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.5	48
50	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	50
52	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	52
54	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	54
56	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	56
58	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.3	1.4	1.4	58
60	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	60
62	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	62
64	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	64
66	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	66
68	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	68
70		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	70
72		1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3	72
74			1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	74
76			1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	76
78				1.3	1.3	1.3	1.3	1.3	1.3	1.1	78
80				1.2	1.2	1.2	1.3	1.3	1.2	1	80
82					1.1	1.1	1.3	1.2	1.2	0.9	82
84							1.2	1.1	1.1		84
86							1.1				86
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	92+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Load Chart - Fixed Jib



15.65-72m 43m Outriggers fully extended 100t

Unit: t

Jib offset : 40°

Working radius (m)	36.8	42.0	47.3	52.6	57.9	57.9	63.1	63.1	68.4	72.0	Working radius (m)
32											32
34											34
36	1.6										36
38	1.6	1.6	1.5								38
40	1.5	1.5	1.5	1.5	1.4	1.4					40
42	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4			42
44	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4		44
46	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	46
48	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	48
50	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	50
52	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	52
54	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	54
56	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	56
58	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	58
60	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	60
62	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	62
64		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	64
66		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	66
68			1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	68
70			1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	70
72				1.4	1.4	1.4	1.4	1.4	1.3	1.3	72
74				1.4	1.4	1.4	1.4	1.4	1.3	1.2	74
76					1.4	1.4	1.4	1.4	1.3	1.2	76
78					1.4	1.4	1.4	1.4	1.3	1.2	78
80							1.4	1.3	1.3	1.1	80
82							1.3	1.3	1.3	1.1	82
84									1.2	0.9	84
86									0.9		86
n	1	1	1	1	1	1	1	1	1	1	n
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	92+	1
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	2
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	3
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	4
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	5
m/s	9	9	9	9	9	9	9	9	9	9	m/s

Notes

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