SANY®

Quality Changes the World

SAC1200S

SANY All Terrain Crane
120 Tons Lifting Capacity

Max. Lifting Capacity: 120 t
Max. Boom Length: 63 m
Max. Lifting Height: 90.5 m

Technical Features

Efficient Power System

- The crane shares a dual power engine, with the energy saving enhancement of more than 10%, and the maintenance cost decrease of more than 35%;
- The carrier power is transmitted mechanically to superstructure. The structure is simple, safe and reliable, with low fault rate;
- Single-engine power system is adopted for weight reduction of the superstructure power system and enhancement of the load-bearing components, increasing crane lifting performance by 20%.

Excellent lifting performance

- 7-section telescoping boom with single cylinder pin. The total boom length is 63m, and jib length is 27.5m;
- Maximum lifting height is 91m and maximum working radius is 70m, ensuring a wider working range;
- Maximum lifting torque of basic boom is 4145KN.m, featuring superior lifting and loading performance.

Mobile and flexible carrier

- The crane is 14m long and 2.8m wide, with strong adaptability to construction site;
- 5-axle all-wheel steering and 8.5m minimum turning radius, ensuring flexible movement of the crane;
- With a powerful carrier, the maximum travel speed is 85km/h, and the maximum gradient can reach up to 60%;
- When travelling in the state of 60T, it can carry counterweight or parts to up 10T. Full counterweights could be carried for short-distance movement.

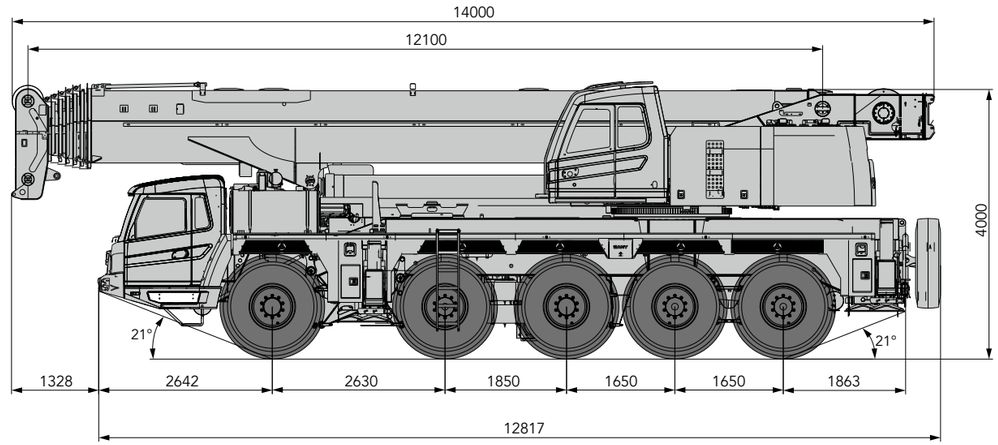
Safe control system

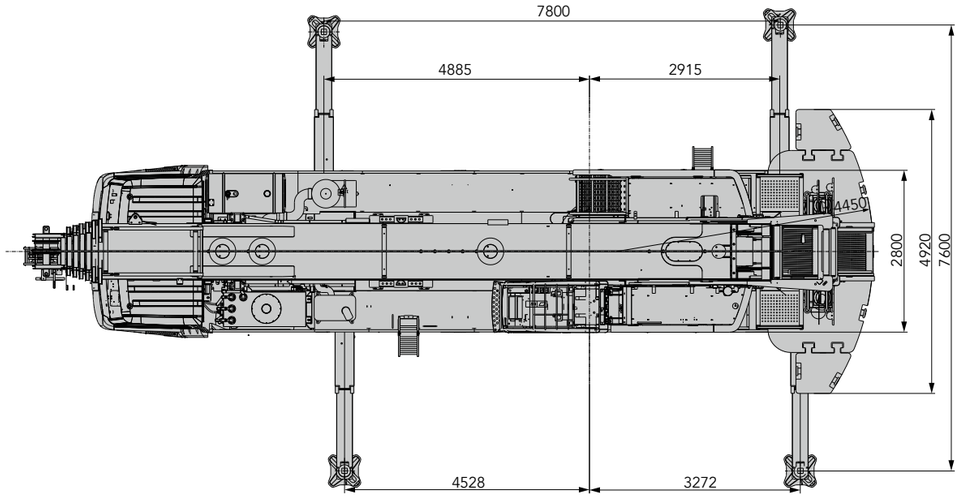
- Equipped with an anti-tipping warning system, advance warning is issued through sound and light notice to ensure the safety of crane;
- Equipped with a voice alarm system, voice notices are issued for various movement to prevent mis-operation and ensure safety of personnel and operation;
- High-accuracy, high-stability, high-intelligence load moment limiter system is adopted for full protection of lifting and loading operation;
- The abundant sensors give timely feedback of data information and realize real-time monitoring.

Energy-saving hydraulic system

- The application of electrically controlled variable displacement pump, displacement and speed grade control technology increase working efficiency by 15%, while saving energy by 20%;
- With dual pump converging / diverging intelligent speed regulation technology, the dual pump supplies oil independently for compound movements, which ensures the stability and reliability of the movements with better micro-mobility. The various diverging distribution mode makes work freer and easier;
- The dual protection of winching, luffing, telescoping on the hydraulic circuit makes operation safer and more reliable.

Overall Dimensions





Technical Parameters

Type	Item		Parameter
Dimensions	Total length of crane		14000
	Total width of crane		2800
	Total height of crane		4000
Weight	Total weight of crane		50000
	Axle load	Load of axle 1, axle 2	20000
		Load of axle 3, axle 4, axle 5	30000
Power	Max. engine power		360/1800 kw(r/min)
	Max. engine output torque		2200/1300 N.m(r/min)
Travel	Max.traveling speed		85 km/h
	Turning radius	Min.turning radius	8.5 m
		Min.turning radius of boom head	11 m
	Drive/Steer		10 x 6 x 10
	Min.ground clearance		285 mm
	approach angle		19 °
	Departure angle		18 °
	Max.gradeability		60%
	Fuel consumption per 100km		≤ 70 L
Performance specifications	Temperature range		– 20 °C ~ + 40 °C
	Min.rated range		3 m
	Tail slewing radius of swingtable		4.85 m
	Boom section		7
	boom shape		U
	Max. Lifting torque	Base boom	4145 kN·m
		Full-extend boom	1890 kN·m
		Full-extend boom+jib	1350 kN·m
	Boom length	Base boom	12.1 m
		Full-extend boom	63 m
		Full-extend boom+jib	90.5 m
	Outrigger span (Longitudinal×Transversal)		7.8 × 7.6 m
	Jib offset		0°~ 30°
Working speed	Max.single rope lifting speed of main winch (no load)		130 m/min
	Full extension/retraction time of boom		550 / 550 s
	Full lifting/descending time of boom		60 / 150 s
	Slewing speed		1.8 r/min

Technical Parameters

Axle load

Item	1	2	3	4	5	Total weight
Axle load	12	12	12	12	12	60
Remarks	Crane weight of 60t: including 15.5m jib, 75t hook, auxiliary winch, 3.5t counterweight					

Hook

Lifting capacity (t)	Pullies	Parts of line	Hook weight (kg)
100	5	10	1209
75	4	8	745
10	0	1	252

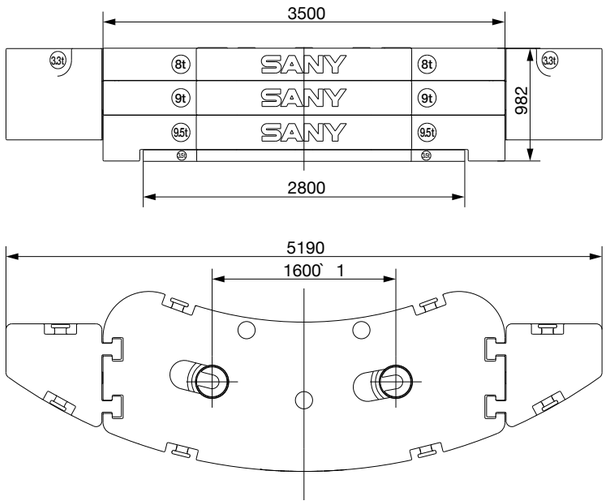
Gradient

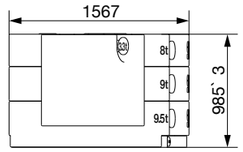
Weight	Tire	Speed ratio of transfer gear	Ropes														Max. Gradient
			1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	
60t	385/95R25	0.8	5.9	7.6	9.9	12.7	16.1	20.7	27.3	35.1	45.2	58.1	73.7	94.6	6.5	8.3	40%
60t	385/95R25	1.83	2.6	3.3	4.3	5.6	7	9	11.9	15.3	19.7	25.3	32.1	41.2	2.8	3.6	> 60%
60t	445/95R25	0.8	6.3	8.2	10.5	13.5	17.1	22	28.9	37.2	48	61.6	78.1	99.8	6.8	8.8	38%
60t	445/95R25	1.83	2.7	3.5	4.5	5.8	7.5	9.6	12.6	16.2	20.9	26.9	34	43.7	3	3.8	> 60%

Main movement parameters

Item	Maximum speed	Diameter / Length	Max. single line pull.
Main winch	130 m/min	22 mm/280 m	105 kN
Auxiliary winch	130 m/min	22 mm/190 m	105 kN
Swing	2 r/min		
Lifting	60 s		
Telescoping	550 s		

Crane Introduction





Crane Introduction

Driving cab

- The whole frame is made of corrosion-resistant steel sheets. The design of instrument panel in the cab meets the principle of ergonomics, and the cab is equipped with full coverage softening interior, large arc integral front window, electronic analog meter, radio / player device, air conditioner.etc.

Crane frame

- The crane frame is optimized with rectangular cross section, replacing the original concave cross section: 1. The resistance to bending and twisting is improved greatly. 2. Under the condition of the same flexural modulus, the weight of rectangular cross-section crane frame is smaller than the weight of concave cross-section crane frame. 3. The crane frame stability is improved.

Carrier engine

- Type: 6-cylinder inline;
- Emission: Europe III;
- Fuel tank capacity: 500L.

Crane axle

- Axle 1, single tire, steering axle;
- Axle 2, single tire, steering drive axle;
- Axle 3, single tire, steering axle;
- Axle 4, single tire, steering drive axle;
- Axle 5, single tire, steering drive axle.

Driving axle

- Steering axle: axle 1 and axle 3;
- Steering drive axle: axle 2, axle 4 and axle 5.

Axle suspension

- All crane axle suspension devices are hydro-pneumatic suspension system.

Tire

- Super-level all-steel radial tire, featuring stronger bearing capacity and better wearing resistance. Tire model: 385/95R25.

Braking system

- The braking system includes service brake, parking brake, emergency brake and auxiliary brake;
- The service brake adopts the dual-circuit braking system. All wheels use the air servo brake, and are all installed with the disc brake;
- The parking brake is driven by the spring brake chamber and acts on axle 2 to axle 5;
- The emergency brake is driven by cutoff of the spring stored energy and concurrently serves as emergency brake;
- The auxiliary brake is composed of engine brake, exhaust brake and hydraulic retarder brake, guaranteeing the safety and reliability of traveling.

Steering system

- Six steering modes;
- Axle 1, and axle 2 adopts mechanical linkage hydraulic power steering, and the steering gear is dual-circuit servo power steering gear;
- Electro-hydraulic ratio control auxiliary steering is adopted for axle 3, axle 4 and axle 5.

Outrigger

- Made of high-strength steel sheet materials, front and rear telescoping outriggers are controlled through outrigger control panel with automatic leveling function and flexible operation;
- 4-point support, the transverse, longitudinal span is 7.8m×7.6m, with easy operation and strong stability.

Electrical equipment

- Independently researched and developed by Sany, SYMC, a special controller for engineering machinery is adopted;
- CAN bus all-digital network control technology is configured with abundant sensor parts, with stable control signal, simple wire harness and high reliability;
- With timely information feedback, the real-time monitoring on the crane working status is realized;
- Configured with the load moment limiter with a full-range intelligent protection system, its accuracy is within ±5%. And the operation is safer and more reliable with comprehensive logical, interlocking control.

Crane Introduction

Operating cab

- With the corrosion-resistant streamlined integral composite shell, it is configured with large arc integral front window, load moment limiter display, air conditioner, and the cab can tilt up to 20°on the whole to effectively relieve the fatigue;
- The adjustable back seat makes operation more comfortable;
- With a 10.4-inch large-screen TFT display, the working condition is clear at a glance;
- The console and the working condition display system are combined for convenient and efficient operation. Easy operation is achieved through electric control handle.

Boom system

- Boom:12.1m-63m, 7 sections, made of high strength steel 960 sheets. The torque of Min. boom reaches 4145kN.m, and the torque of fully extended boom reaches 1890kN.m, with strong lifting capacity;
- The fully optimized U-shape large arc cross-section boom makes the boom carry weights more evenly, the boom of lighter weight improves safety significantly;
- The finite-element analysis is adopted for design of the boom to optimize the strength and rigidity of structural parts to the greatest extent in order to effectively improve the stress distribution and improve the safety;
- Jib: 6 sections in total, the length is 9.4m, 15.4m, 15.5m, 21.4m,21.5m, 27.5m, and the jib offset angle is 0°, 15°, 30°;
- Telescoping mechanism: With advanced single cylinder pin telescoping technology, the boom length can be telescoped automatically according to the working condition, and the combination form of multiple boom lengths can be chosen. By simply inputting the lifting weight, working radius, working height, you can complete the lifting and loading operation prompted, which is convenient and efficient.

Lifting mechanism

- The standard hooks composed of two hooks: 75t and 10t hooks. The 75t dual hook, 100t dual hook, etc. is optional.

Luffing mechanism

- With single luffing cylinder, the luffing mechanism uses the design software of three-connected joints to optimize the design of pin-connected points;
- The Max. luffing angle is 81°.

Swing mechanism

- Electric proportional pump control dual swing mechanism is adopted for stable movement, excellent speed control and low power consumption;
- Unique design of swing buffer makes braking more stable;
- High strength bolts are used to fix the carrier frame with outer ring and turntable with inner ring.

Swing bearing

- Manufactured by Sany Sauter, the swing bearing features strong bearing capacity.

Turntable structure

- The optimized turntable structure ensures enough rigidity and strength of the turntable.

Superstructure hydraulic system

- The main / auxiliary winch adopts electric proportional variable displacement motor, and the maximum speed is 130m/min;
- The winching, luffing, telescoping are set with dual protection on the hydraulic circuit, safer and more reliable;
- Sany patented dual pump converging intelligent speed control technology increases working efficiencies significantly;
- With dual pump converging / diverging intelligent speed regulation technology, the dual pump supplies oil independently for compound movements, which ensures the stability and reliability of the movements with better micro-mobility. The various diverging distribution mode makes work freer and easier.

Safety device

- With load moment limiter, electric proportional security key, height limiter, three-wrap protector, and combined modeling method of theoretical modeling and prototyping model correction, the modeling is closer to reality and the control is more accurate. The full-range protection of lifting and loading operation ensures accurate, smooth and comfortable operation. With abundant interface display, the display interface is customized, modified according to user needs.

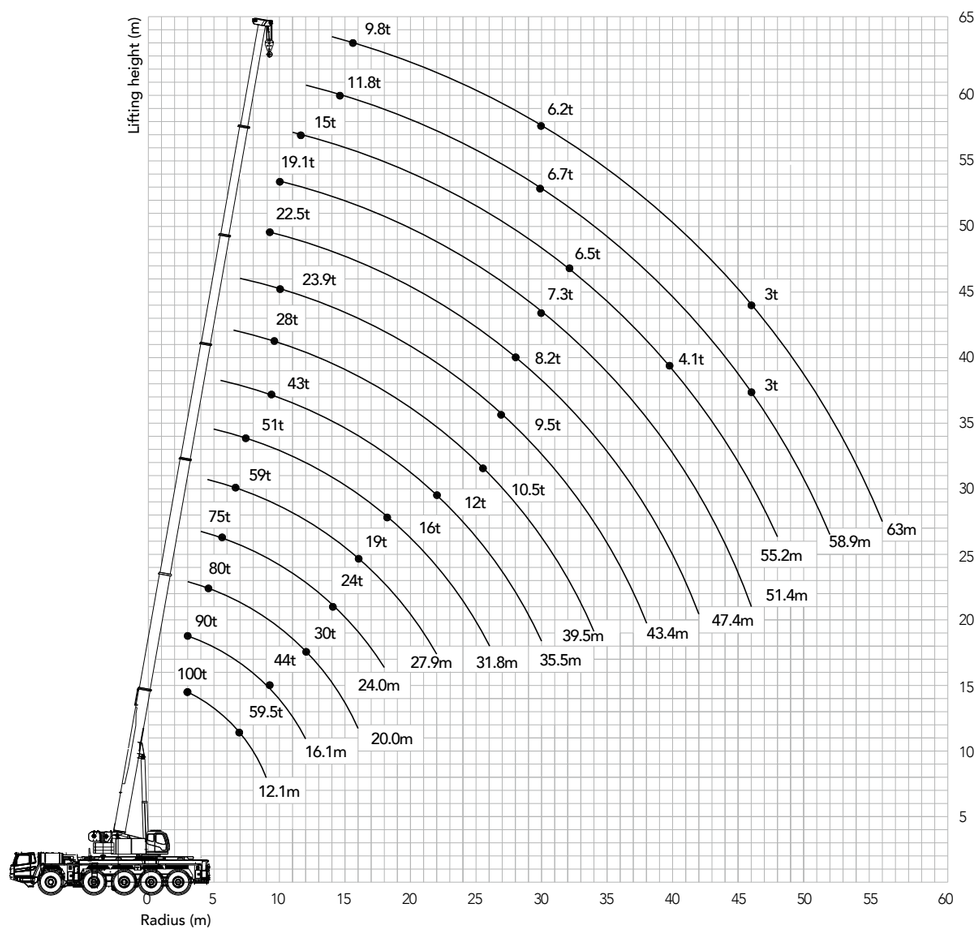
Counterweight

- With lifting-type counterweight structure and remote controllable technology, the completion of counterweight assembly work by one person can be realized to further save manpower and shorten the preparation time before operation;
- Counterweight combination: 3.5t, 13t, 22t ,30t, 36.5t.

Optional

- Tire: 445R95;
- Drive: 10X8，optional drive for axle1;
- Hook: 100t，75（double hook）;
- Jib: 0-27.5m;
- Auxiliary winch.

Boom Operating Range



Load Chart - Telescopic Boom

Unit: t

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	100.0	90.0	69.0	84.0	68.0												3.5
4.0	95.0	87.0	65.0	84.0	64.0	77.0	54.0										4.0
4.5	87.0	82.0	61.0	82.0	60.0	77.0	51.0	61.0	61.0	55.0							4.5
5.0	81.0	77.0	57.0	76.0	56.0	75.0	49.0	61.0	57.0	53.0	53.0	53.0	53.0				5.0
5.5	75.5	72.0	53.0	71.0	54.0	72.0	47.0	61.0	54.0	51.0	53.0	53.0	53.0	44.0	43.0	36.0	5.5
6.0	70.5	68.0	51.0	67.0	50.0	68.0	45.0	61.0	51.0	50.0	53.0	53.0	52.6	44.0	41.0	34.5	6.0
6.5	64.5	64.0	47.0	63.0	48.0	64.0	43.0	61.0	48.5	48.0	53.0	53.0	51.0	44.0	39.0	33.0	6.5
7.0	60.0	60.0	45.0	60.0	46.0	59.0	41.0	59.0	45.5	46.0	53.0	50.5	50.0	44.0	37.0	31.5	7.0
8.0	52.0	52.0	41.0	52.0	41.0	52.0	37.0	52.0	41.5	42.0	51.0	46.5	46.0	44.0	33.5	29.2	8.0
9.0	42.0	45.0	38.0	45.0	38.0	46.0	34.0	46.0	38.0	39.0	46.0	42.5	42.0	44.0	30.5	27.4	9.0
10.0		39.5	35.0	39.5	35.0	41.0	31.0	41.0	35.0	36.0	41.0	39.0	40.0	40.0	28.3	25.3	10.0
11.0		35.0	33.0	35.0	32.5	36.5	29.4	37.0	32.0	33.0	37.5	35.5	36.5	37.0	26.1	23.3	11.0
12.0		31.0	31.0	31.0	30.2	32.5	27.1	33.0	30.0	31.0	33.7	33.0	34.5	34.0	24.0	21.8	12.0
14.0				25.3	26.6	26.5	23.8	27.0	26.0	27.0	28.0	27.0	28.5	28.0	20.7	19.4	14.0
16.0				20.8	23.4	21.2	21.2	21.8	22.7	23.5	22.5	22.3	23.6	23.0	18.1	17.0	16.0
18.0						17.3	18.9	17.9	18.8	20.0	18.5	18.3	19.6	19.0	15.8	15.4	18.0
20.0								14.9	15.9	16.9	15.5	15.4	16.6	16.0	14.1	14.0	20.0
22.0								12.7	13.6	14.6	13.2	13.1	14.3	13.7	12.8	12.7	22.0
24.0											11.4	11.2	12.4	11.9	11.4	11.5	24.0
26.0											9.9	9.7	10.9	10.4	10.3	10.6	26.0
28.0														9.1	9.4	9.9	28.0
30.0														8.1	8.3	9.0	30.0
32.0																	32.0
34.0																	34.0
36.0																	36.0
38.0																	38.0
40.0																	40.0
42.0																	42.0
44.0																	44.0
46.0																	46.0
48.0																	48.0
50.0																	50.0
52.0																	52.0
54.0																	54.0
56.0																	56.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Radius (m)	39.5			43.4			47.4			51.3			55.2	58.9	63.0	Radius (m)
3.0																*3.0*
3.5																*3.5*
4.0																*4.0*
4.5																*4.5*
5.0																*5.0*
5.5																*5.5*
6.0																*6.0*
6.5	*35.5*	*35.0*	*29.7*													*6.5*
7.0	*35.0*	*34.0*	*28.5*	*27.0*	*27.0*											*7.0*
8.0	*32.0*	*31.0*	*26.8*	*27.0*	*26.0*	*26.1*										*8.0*
9.0	*29.9*	*29.0*	*25.1*	*26.0*	*25.5*	*24.4*	*23.0*	*22.2*	*20.3*							*9.0*
10.0	*27.6*	*26.8*	*23.5*	*24.6*	*24.4*	*22.9*	*22.0*	*21.0*	*19.3*	*20.1*	*19.5*	*16.4*				*10.0*
11.0	*25.6*	*25.0*	*22.1*	*23.1*	*22.5*	*21.5*	*20.6*	*19.7*	*18.3*	*19.1*	*19.0*	*15.6*				*11.0*
12.0	*24.0*	*23.0*	*20.9*	*21.7*	*21.1*	*20.5*	*19.4*	*18.6*	*17.4*	*18.1*	*18.0*	*14.9*	*15.3*	*13.8*		*12.0*
14.0	*20.7*	*20.3*	*18.6*	*19.3*	*18.6*	*18.0*	*17.3*	*16.6*	*15.6*	*16.4*	*16.0*	*13.5*	*14.0*	*12.6*	*12.0*	*14.0*
16.0	*18.4*	*18.0*	*16.9*	*16.9*	*16.5*	*16.3*	*15.4*	*14.8*	*13.9*	*14.6*	*14.5*	*12.2*	*12.9*	*11.6*	*11.1*	*9.8*	*16.0*
18.0	*16.4*	*15.9*	*15.3*	*15.3*	*14.7*	*14.5*	*14.0*	*13.4*	*12.6*	*13.2*	*13.0*	*11.3*	*11.7*	*10.7*	*10.4*	*9.3*	*18.0*
20.0	*14.6*	*14.4*	*14.1*	*13.6*	*13.1*	*13.2*	*12.4*	*12.1*	*11.4*	*12.0*	*11.7*	*10.4*	*10.7*	*9.9*	*9.6*	*8.7*	*20.0*
22.0	*12.8*	*12.8*	*12.8*	*12.3*	*11.9*	*11.9*	*11.3*	*10.8*	*10.3*	*11.1*	*10.8*	*9.6*	*9.9*	*9.1*	*9.0*	*8.2*	*22.0*
24.0	*10.9*	*11.0*	*11.8*	*11.1*	*10.8*	*10.8*	*10.2*	*9.8*	*9.4*	*10.0*	*9.7*	*8.8*	*9.0*	*8.5*	*8.4*	*7.7*	*24.0*
26.0	*9.4*	*9.9*	*10.8*	*9.6*	*9.8*	*9.8*	*9.3*	*9.0*	*8.6*	*9.1*	*8.8*	*8.1*	*8.3*	*7.9*	*7.8*	*7.2*	*26.0*
28.0	*8.1*	*8.7*	*9.6*	*8.3*	*8.7*	*9.0*	*8.4*	*8.2*	*7.8*	*8.4*	*8.1*	*7.5*	*7.6*	*7.4*	*7.2*	*6.7*	*28.0*
30.0	*7.0*	*7.5*	*8.5*	*7.1*	*7.6*	*8.2*	*7.6*	*7.6*	*7.2*	*7.6*	*7.4*	*6.9*	*7.0*	*6.9*	*6.8*	*6.3*	*30.0*
32.0	*6.0*	*6.6*	*7.6*	*6.2*	*6.6*	*7.2*	*6.6*	*6.8*	*6.6*	*6.7*	*6.8*	*6.5*	*6.6*	*6.4*	*6.4*	*5.8*	*32.0*
34.0	*5.2*	*5.7*	*6.8*	*5.3*	*5.8*	*6.4*	*5.8*	*6.2*	*6.1*	*5.8*	*5.9*	*6.0*	*6.0*	*6.0*	*5.9*	*5.4*	*34.0*
36.0				*4.6*	*5.0*	*5.7*	*5.0*	*5.5*	*5.6*	*5.1*	*5.2*	*5.6*	*5.5*	*5.5*	*5.5*	*5.1*	*36.0*
38.0				*4.0*	*4.4*	*5.0*	*4.3*	*4.8*	*5.3*	*4.4*	*4.5*	*5.2*	*4.9*	*5.2*	*5.1*	*4.8*	*38.0*
40.0							*3.8*	*4.2*	*4.8*	*3.9*	*4.0*	*4.8*	*4.3*	*4.8*	*4.6*	*4.5*	*40.0*
42.0							*3.3*	*3.7*	*4.5*	*3.4*	*3.5*	*4.5*	*3.8*	*4.4*	*4.0*	*4.0*	*42.0*
44.0										*2.9*	*3.0*	*4.2*	*3.3*	*3.9*	*3.6*	*3.6*	*44.0*
46.0										*2.5*	*2.6*	*3.8*	*2.9*	*3.5*	*3.1*	*3.1*	*46.0*
48.0													*2.5*	*3.1*	*2.8*	*2.9*	*48.0*
50.0															*2.4*	*2.5*	*50.0*
52.0															*2.1*	*2.2*	*52.0*
54.0																*1.9*	*54.0*
56.0																*1.6*	*56.0*
BoomII	*92*	*92*	*46*	*92*	*92*	*46*	*92*	*46*		*92*	*92*		*92*	*46*	*92*	*100*	*BoomII*
BoomIII	*92*	*46*	*46*	*92*	*92*	*46*	*92*	*92*	*92*	*92*	*92*	*92*	*92*	*92*	*92*	*100*	*BoomIII*
BoomIV	*46*	*46*	*46*	*92*	*46*	*92*	*92*	*92*	*92*	*92*	*92*	*92*	*92*	*92*	*92*	*100*	*BoomIV*
BoomV	*46*	*46*	*46*	*46*	*46*	*92*	*46*	*92*	*92*	*92*	*92*	*92*	*92*	*92*	*92*	*100*	*BoomV*
BoomVI	*46*	*46*	*46*	*46*	*46*	*92*	*46*	*92*	*92*	*92*	*46*	*92*	*92*	*92*	*92*	*100*	*BoomVI*
BoomVII		*46*	*92*		*46*		*46*		*46*		*46*	*92*	*46*	*92*	*92*	*100*	*BoomVII*
Number of parts of line	*4*	*4*	*4*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*2*	*2*	*2*	*2*	*Number of parts of line*

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 36.5T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	100.0	90.0	69.0	84.0	68.0												3.5
4.0	95.0	87.0	65.0	84.0	64.0	77.0	54.0										4.0
4.5	87.0	82.0	61.0	82.0	60.0	77.0	51.0	61.0	61.0	55.0							4.5
5.0	81.0	77.0	57.0	76.0	56.0	75.0	49.0	61.0	57.0	53.0	53.0	53.0	53.0				5.0
5.5	75.5	72.0	53.0	71.0	54.0	72.0	47.0	61.0	54.0	51.0	53.0	53.0	53.0	44.0	43.0	36.0	5.5
6.0	70.0	68.0	51.0	67.0	50.0	68.0	45.0	61.0	51.0	50.0	53.0	53.0	52.0	44.0	41.0	34.5	6.0
6.5	61.0	60.0	47.0	60.0	48.0	61.0	43.0	61.0	48.5	48.0	53.0	53.0	51.0	44.0	39.0	33.0	6.5
7.0	53.0	53.0	45.0	53.0	46.0	53.0	41.0	54.0	45.5	46.0	53.0	50.5	50.0	44.0	37.0	31.5	7.0
8.0	42.0	41.0	41.0	41.0	41.0	42.0	37.0	43.0	41.5	42.0	43.0	43.0	45.0	44.0	33.0	29.2	8.0
9.0	35.0	34.0	36.5	34.0	37.0	34.0	34.0	35.0	36.5	37.0	36.0	35.5	37.0	36.0	30.0	27.4	9.0
10.0		28.7	30.5	28.7	31.0	29.1	31.0	29.8	30.5	32.0	30.0	30.0	31.0	31.0	28.0	25.3	10.0
11.0		24.4	26.5	24.5	27.0	24.9	27.8	25.5	26.5	27.7	26.2	26.0	27.4	26.8	26.0	23.3	11.0
12.0		21.1	23.2	21.1	23.6	21.5	24.3	22.1	23.1	24.3	22.8	22.6	23.9	23.4	23.7	21.8	12.0
14.0				16.3	18.6	16.6	19.3	17.2	18.1	19.2	17.8	17.6	18.9	18.4	18.7	19.4	14.0
16.0				12.9	15.1	13.2	15.8	13.7	14.6	15.7	14.3	14.1	15.3	14.9	15.1	15.8	16.0
18.0						10.7	13.2	11.2	12.0	13.1	11.7	11.6	12.7	12.3	12.5	13.2	18.0
20.0								9.2	10.0	11.1	9.7	9.6	10.7	10.3	10.5	11.2	20.0
22.0								7.6	8.5	9.5	8.2	8.0	9.2	8.7	8.9	9.6	22.0
24.0											6.8	6.6	7.9	7.4	7.7	8.3	24.0
26.0											5.7	5.5	6.8	6.3	6.5	7.2	26.0
28.0														5.3	5.6	6.3	28.0
30.0														4.6	4.8	5.5	30.0
32.0																	32.0
34.0																	34.0
36.0																	36.0
38.0																	38.0
40.0																	40.0
42.0																	42.0
44.0																	44.0
46.0																	46.0
48.0																	48.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 36.5T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	35.5	35.0	29.7														6.5
7.0	35.0	34.0	28.5	27.0	27.0												7.0
8.0	32.0	31.0	26.8	27.0	26.0	26.0											8.0
9.0	29.9	29.0	25.1	26.0	25.5	24.4	23.0	22.2	20.3								9.0
10.0	27.6	26.8	23.5	24.6	24.4	22.9	22.0	21.0	19.3	20.1	19.5	16.4					10.0
11.0	25.6	25.0	22.1	23.1	22.5	21.5	20.6	19.7	18.3	19.1	19.0	15.6					11.0
12.0	22.4	23.0	20.9	21.7	21.1	20.5	19.4	18.6	17.4	18.1	18.0	14.9	15.3	13.8			12.0
14.0	17.4	18.0	18.6	17.6	18.0	18.0	17.3	16.6	15.6	16.4	16.0	13.5	14.0	12.6	12.0		14.0
16.0	13.9	14.5	15.4	14.1	14.5	15.1	14.5	14.8	13.9	14.6	14.5	12.2	12.9	11.6	11.1	9.8	16.0
18.0	11.3	11.9	12.7	11.5	11.9	12.5	11.9	12.3	12.6	12.0	12.1	11.3	11.7	10.7	10.4	9.3	18.0
20.0	9.3	9.9	10.7	9.5	9.9	10.5	9.9	10.3	11.0	10.0	10.1	10.4	10.4	9.9	9.6	8.7	20.0
22.0	7.7	8.3	9.1	7.9	8.3	8.9	8.3	8.7	9.4	8.4	8.5	9.6	8.8	9.1	9.0	8.2	22.0
24.0	6.3	7.0	7.8	6.5	6.9	7.6	7.0	7.4	8.1	7.1	7.1	8.3	7.5	8.1	7.8	7.7	24.0
26.0	5.2	5.9	6.8	5.4	5.8	6.5	5.8	6.3	7.0	5.9	6.0	7.2	6.4	7.0	6.7	6.7	26.0
28.0	4.3	4.9	5.8	4.5	4.8	5.5	4.9	5.3	6.0	5.0	5.1	6.3	5.4	6.0	5.7	5.7	28.0
30.0	3.5	4.1	5.0	3.6	4.0	4.7	4.1	4.5	5.2	4.2	4.2	5.5	4.6	5.2	4.9	4.9	30.0
32.0	2.8	3.4	4.3	3.0	3.3	4.0	3.4	3.8	4.5	3.5	3.5	4.8	3.9	4.5	4.2	4.2	32.0
34.0	2.2	2.9	3.7	2.4	2.7	3.4	2.8	3.2	3.9	2.8	2.9	4.2	3.3	3.9	3.5	3.6	34.0
36.0				1.8	2.2	2.9	2.2	2.6	3.4	2.3	2.4	3.6	2.7	3.3	3.0	3.0	36.0
38.0				1.4	1.8	2.4	1.8	2.2	2.9	1.8	1.9	3.2	2.2	2.8	2.5	2.5	38.0
40.0							1.4	1.8	2.5	1.4	1.5	2.7	1.8	2.4	2.1	2.1	40.0
42.0							1.0	1.4	2.1	1.1	1.2	2.4	1.4	2.0	1.7	1.7	42.0
44.0												2.0	1.1	1.7	1.4	1.4	44.0
46.0												1.7		1.4	1.1	1.1	46.0
48.0														1.1			48.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers fully extended with counterweight 30T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	98.0	90.0	69.0	84.0	68.0												3.5
4.0	95.0	87.0	65.0	84.0	64.0	77.0	54.0										4.0
4.5	87.0	82.0	61.0	82.0	60.0	77.0	51.0	61.0	61.0	55.0							4.5
5.0	80.0	77.0	57.0	76.0	56.0	75.0	49.0	61.0	57.0	53.0	53.0	53.0	53.0				5.0
5.5	73.0	72.0	53.0	71.0	54.0	72.0	47.0	61.0	54.0	51.0	53.0	53.0	53.0	44.0	43.0	36.0	5.5
6.0	66.0	66.0	51.0	65.0	50.0	67.0	45.0	61.0	51.0	50.0	53.0	53.0	52.6	44.0	41.0	34.5	6.0
6.5	60.0	61.0	47.0	60.0	48.0	62.0	43.0	61.0	48.5	48.0	53.0	53.0	51.0	44.0	39.0	33.0	6.5
7.0	55.0	56.0	45.0	56.0	46.0	56.0	41.0	57.0	45.5	46.0	53.0	50.5	50.0	44.0	37.0	31.5	7.0
8.0	47.0	48.0	41.0	49.0	41.9	48.0	37.0	49.0	41.5	42.0	50.0	46.5	46.0	44.0	33.0	29.2	8.0
9.0	40.0	41.0	38.0	42.0	38.0	41.5	34.0	42.5	38.0	39.0	43.0	42.5	42.0	44.0	30.0	27.4	9.0
10.0		36.0	35.0	36.5	35.0	36.5	31.0	37.0	35.0	36.0	38.0	39.0	39.0	39.0	28.3	25.3	10.0
11.0		32.0	33.0	32.0	32.8	32.0	29.4	33.0	32.0	33.4	33.5	34.5	35.5	34.5	26.1	23.3	11.0
12.0		28.2	30.5	28.0	30.2	28.6	27.1	29.4	30.0	30.0	30.0	29.9	31.0	30.8	24.0	21.8	12.0
14.0				21.3	23.5	21.7	23.8	22.4	23.4	24.6	23.0	22.8	24.3	23.7	20.7	19.4	14.0
16.0				16.7	19.2	17.1	19.9	17.7	18.6	19.8	18.3	18.1	19.5	18.9	18.1	17.0	16.0
18.0						13.8	16.5	14.3	15.2	16.4	14.9	14.7	16.0	15.5	15.8	15.4	18.0
20.0								11.8	12.7	13.8	12.4	12.2	13.5	12.9	13.2	13.9	20.0
22.0								9.9	10.8	11.8	10.4	10.3	11.5	11.0	11.2	11.9	22.0
24.0											8.9	8.7	9.9	9.4	9.6	10.3	24.0
26.0											7.5	7.4	8.6	8.1	8.3	9.0	26.0
28.0														7.0	7.2	7.9	28.0
30.0														6.0	6.3	7.0	30.0
32.0																	32.0
34.0																	34.0
36.0																	36.0
38.0																	38.0
40.0																	40.0
42.0																	42.0
44.0																	44.0
46.0																	46.0
48.0																	48.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers fully extended with counterweight 30T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	35.5	35.0	29.7														6.5
7.0	35.0	34.0	28.5	27.0	27.0												7.0
8.0	32.0	31.0	26.8	27.0	26.0	26.0											8.0
9.0	29.9	29.0	25.1	26.0	25.5	24.4	23.0	22.2	20.3								9.0
10.0	27.6	26.8	23.5	24.6	24.4	22.9	22.0	21.0	19.3	20.1	19.5	16.4					10.0
11.0	25.6	25.0	22.1	23.1	22.5	21.5	20.6	19.7	18.3	19.1	19.0	15.6					11.0
12.0	24.0	23.0	20.9	21.7	21.1	20.5	19.4	18.6	17.4	18.1	18.0	14.9	15.3	13.8			12.0
14.0	20.7	20.3	18.6	19.3	18.6	18.0	17.3	16.6	15.6	16.4	16.0	13.5	14.0	12.6	12.0		14.0
16.0	17.9	18.0	16.9	16.9	16.5	16.3	15.4	14.8	13.9	14.6	14.5	12.2	12.9	11.6	11.1	9.8	16.0
18.0	14.5	15.1	15.3	14.7	14.7	14.5	14.0	13.4	12.6	13.2	13.0	11.3	11.7	10.7	10.4	9.3	18.0
20.0	12.0	12.6	13.4	12.1	12.5	13.2	12.4	12.1	11.4	12.0	11.7	10.4	10.7	9.9	9.6	8.7	20.0
22.0	10.0	10.6	11.4	10.2	10.5	11.2	10.6	10.8	10.3	10.6	10.7	9.6	9.9	9.1	9.0	8.2	22.0
24.0	8.4	9.0	9.8	8.6	8.9	9.6	9.0	9.4	9.4	9.1	9.1	8.8	9.0	8.5	8.4	7.7	24.0
26.0	7.0	7.7	8.5	7.2	7.6	8.2	7.6	8.1	8.6	7.7	7.8	8.1	8.2	7.9	7.8	7.2	26.0
28.0	5.9	6.5	7.4	6.0	6.4	7.1	6.5	6.9	7.6	6.6	6.7	7.5	7.0	7.4	7.2	6.7	28.0
30.0	4.9	5.6	6.5	5.1	5.5	6.1	5.5	6.0	6.7	5.6	5.7	6.9	6.0	6.7	6.3	6.3	30.0
32.0	4.1	4.7	5.6	4.2	4.6	5.3	4.7	5.1	5.9	4.8	4.9	6.1	5.2	5.8	5.5	5.5	32.0
34.0	3.4	4.0	4.9	3.5	3.9	4.6	4.0	4.4	5.1	4.0	4.1	5.4	4.5	5.1	4.8	4.8	34.0
36.0				2.9	3.3	4.0	3.3	3.8	4.5	3.4	3.5	4.8	3.8	4.5	4.1	4.1	36.0
38.0				2.4	2.8	3.4	2.8	3.2	3.9	2.9	3.0	4.2	3.3	3.9	3.6	3.6	38.0
40.0							2.3	2.7	3.4	2.4	2.5	3.7	2.8	3.4	3.1	3.2	40.0
42.0							1.9	2.3	3.0	1.9	2.0	3.3	2.3	3.0	2.6	2.7	42.0
44.0										1.6	1.7	2.9	1.9	2.6	2.2	2.3	44.0
46.0										1.2	1.3	2.5	1.6	2.2	1.9	2.0	46.0
48.0														1.9	1.5	1.6	48.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 30T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	98.0	90.0	69.0	84.0	68.0												3.5
4.0	95.0	87.0	65.0	84.0	64.0	77.0	54.0										4.0
4.5	87.0	82.0	61.0	82.0	60.0	77.0	51.0	61.0	61.0	55.0							4.5
5.0	80.0	77.0	57.0	76.0	56.0	75.0	49.0	61.0	57.0	53.0	53.0	53.0	53.0				5.0
5.5	70.0	69.0	53.0	69.0	54.0	70.0	47.0	61.0	54.0	51.0	53.0	53.0	53.0	44.0	43.0	36.0	5.5
6.0	59.0	58.0	51.0	58.0	50.0	58.0	45.0	59.0	51.0	50.0	53.0	53.0	52.6	44.0	41.0	34.5	6.0
6.5	50.0	49.0	47.0	49.0	48.0	50.0	43.0	51.0	48.5	48.0	52.0	52.0	51.0	44.0	39.0	33.0	6.5
7.0	44.0	43.0	45.0	43.0	46.0	43.0	41.0	44.0	45.5	46.0	45.0	45.0	47.0	44.0	37.0	31.5	7.0
8.0	34.0	34.0	36.5	34.0	37.0	34.0	37.0	35.0	36.5	37.0	36.0	35.5	37.0	36.0	33.0	29.2	8.0
9.0	28.4	27.6	29.9	27.7	30.0	28.1	31.3	28.8	29.9	31.0	29.5	29.3	30.5	30.0	30.0	27.4	9.0
10.0		23.0	25.1	23.0	25.6	23.4	26.4	24.1	25.1	26.4	24.8	24.6	26.0	25.5	25.8	25.3	10.0
11.0		19.4	21.5	19.4	22.0	19.8	22.7	20.5	21.5	22.7	21.1	21.0	22.3	21.8	22.1	22.9	11.0
12.0		16.6	18.7	16.7	19.1	17.0	19.8	17.7	18.6	19.8	18.3	18.1	19.4	18.9	19.2	20.0	12.0
14.0				12.6	14.9	12.9	15.6	13.5	14.4	15.5	14.1	13.9	15.2	14.7	15.0	15.7	14.0
16.0				9.7	12.0	10.0	12.6	10.6	11.4	12.5	11.1	11.0	12.2	11.7	12.0	12.7	16.0
18.0						7.8	10.5	8.4	9.3	10.3	9.0	8.8	10.0	9.5	9.8	10.5	18.0
20.0								6.7	7.6	8.7	7.2	7.1	8.3	7.9	8.1	8.8	20.0
22.0								5.3	6.2	7.3	5.9	5.7	7.0	6.5	6.7	7.4	22.0
24.0											4.7	4.6	5.9	5.3	5.6	6.3	24.0
26.0											3.8	3.6	4.9	4.4	4.6	5.4	26.0
28.0														3.6	3.9	4.6	28.0
30.0														2.9	3.2	3.9	30.0
32.0																	32.0
34.0																	34.0
36.0																	36.0
38.0																	38.0
40.0																	40.0
42.0																	42.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 30T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	35.5	35.0	29.7														6.5
7.0	35.0	34.0	28.5	27.0	27.0												7.0
8.0	32.0	31.0	26.8	27.0	26.0	26.0											8.0
9.0	29.1	29.0	25.1	26.0	25.5	24.4	23.0	22.2	20.3								9.0
10.0	24.3	25.1	23.5	24.6	24.4	22.9	22.0	21.0	19.3	20.1	19.5	16.4					10.0
11.0	20.7	21.4	22.1	20.9	21.4	21.5	20.6	19.7	18.3	19.1	19.0	15.6	13.0	12.0			11.0
12.0	17.9	18.5	19.5	18.1	18.5	20.5	18.5	18.6	17.4	18.1	18.0	14.9	15.3	13.8	10.5		12.0
14.0	13.7	14.3	15.2	13.9	14.3	16.1	14.3	14.7	15.5	14.4	14.5	13.5	14.0	12.6	12.0		14.0
16.0	10.8	11.4	12.2	10.9	11.3	13.1	11.4	11.8	12.5	11.4	11.5	12.2	11.9	11.6	11.1	9.8	16.0
18.0	8.6	9.2	10.0	8.8	9.1	10.9	9.2	9.6	10.3	9.2	9.3	10.5	9.7	10.3	10.0	9.3	18.0
20.0	6.8	7.5	8.3	7.0	7.4	9.2	7.4	7.9	8.5	7.5	7.6	8.8	8.0	8.6	8.3	8.3	20.0
22.0	5.4	6.0	7.0	5.6	6.0	7.8	6.0	6.5	7.2	6.1	6.2	7.4	6.6	7.2	6.9	6.9	22.0
24.0	4.3	4.9	5.8	4.4	4.8	6.7	4.9	5.3	6.0	5.0	5.0	6.3	5.4	6.0	5.7	5.7	24.0
26.0	3.3	4.0	4.8	3.5	3.9	5.7	3.9	4.3	5.1	4.0	4.1	5.4	4.4	5.1	4.7	4.7	26.0
28.0	2.5	3.2	4.0	2.7	3.1	4.9	3.1	3.5	4.3	3.2	3.3	4.5	3.6	4.3	3.9	3.9	28.0
30.0	1.9	2.5	3.4	2.0	2.4	4.2	2.4	2.9	3.6	2.5	2.6	3.8	2.9	3.6	3.2	3.2	30.0
32.0	1.3	1.9	2.8	1.4	1.8	3.6	1.8	2.3	3.0	1.9	2.0	3.3	2.3	3.0	2.6	2.6	32.0
34.0		1.4	2.3		1.3	3.1	1.3	1.8	2.5	1.4	1.5	2.7	1.8	2.4	2.1	2.1	34.0
36.0						2.7		1.3	2.0	1.0	1.0	2.3	1.4	3.0	1.7	1.7	36.0
38.0						2.3			1.6			1.9	1.0	1.6	1.2	1.3	38.0
40.0									1.3			1.5		1.2			40.0
42.0									1.0			1.2					42.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers fully extended with counterweight 22T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	98.0	90.0	69.0	84.0	68.0												3.5
4.0	95.0	87.0	65.0	84.0	64.0	77.0	54.0										4.0
4.5	86.0	82.0	61.0	82.0	60.0	77.0	51.0	61.0	61.0	55.0							4.5
5.0	78.0	77.0	57.0	76.0	56.0	75.0	49.0	61.0	57.0	53.0	53.0	53.0	53.0				5.0
5.5	70.0	69.0	53.0	70.0	54.0	70.0	47.0	61.0	54.0	51.0	53.0	53.0	53.0	44.0	43.0	36.0	5.5
6.0	63.0	64.0	51.0	63.0	50.0	64.0	45.0	61.0	51.0	50.0	53.0	53.0	52.6	44.0	41.0	34.5	6.0
6.5	57.0	58.0	47.0	57.0	48.0	58.0	43.0	59.0	48.5	48.0	53.0	53.0	51.0	44.0	39.0	33.0	6.5
7.0	52.0	53.0	45.0	52.0	46.0	53.0	41.0	54.0	45.5	46.0	53.0	50.5	50.0	44.0	37.0	31.5	7.0
8.0	44.0	45.0	41.0	44.0	41.0	45.0	37.0	46.0	41.5	42.0	47.0	46.5	46.0	44.0	33.0	29.2	8.0
9.0	38.0	39.0	38.0	38.0	38.0	39.0	34.6	39.5	38.0	39.0	40.0	41.5	42.0	40.0	30.0	27.4	9.0
10.0		33.0	35.0	33.0	35.0	33.0	31.9	34.0	35.0	36.0	35.0	35.0	36.5	35.0	28.3	25.3	10.0
11.0		27.6	30.0	27.6	30.0	28.1	29.4	28.9	30.0	31.0	29.6	29.4	31.0	30.0	26.1	23.3	11.0
12.0		23.4	25.7	23.4	26.2	23.8	27.0	24.5	25.6	27.0	25.3	25.1	26.6	26.0	24.0	21.8	12.0
14.0				17.5	20.1	17.8	20.8	18.5	19.5	20.7	19.1	19.0	20.4	19.8	20.1	19.4	14.0
16.0				13.5	16.0	13.8	16.7	14.5	15.4	16.6	15.1	14.9	16.2	15.7	16.0	16.7	16.0
18.0						11.0	13.7	11.6	12.5	13.6	12.1	12.0	13.3	12.7	13.0	13.7	18.0
20.0								9.4	10.3	11.4	10.0	9.8	11.1	10.5	10.8	11.5	20.0
22.0								7.7	8.6	9.7	8.2	8.1	9.3	8.8	9.1	9.8	22.0
24.0											6.8	6.6	8.0	7.4	7.7	8.4	24.0
26.0											5.7	5.5	6.8	6.2	6.5	7.2	26.0
28.0														5.3	5.5	6.3	28.0
30.0														4.4	4.7	5.4	30.0
32.0																	32.0
34.0																	34.0
36.0																	36.0
38.0																	38.0
40.0																	40.0
42.0																	42.0
44.0																	44.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers fully extended with counterweight 22T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	35.5	35.0	29.7														6.5
7.0	35.0	34.0	28.5	27.0	27.0												7.0
8.0	32.0	31.0	26.8	27.0	26.0	26.0											8.0
9.0	29.9	29.0	25.1	26.0	25.5	24.4	23.0	22.2	20.3								9.0
10.0	27.6	26.8	23.5	24.6	24.4	22.9	22.0	21.0	19.3	20.1	19.5	16.4					10.0
11.0	25.6	25.0	22.1	23.1	22.5	21.5	20.6	19.7	18.3	19.1	19.0	15.6					11.0
12.0	24.0	23.0	20.9	21.7	21.1	20.5	19.4	18.6	17.4	18.1	18.0	14.9	15.3	13.8			12.0
14.0	18.7	19.4	18.6	18.9	18.6	18.0	17.3	16.6	15.6	16.4	16.0	13.5	14.0	12.6	12.0		14.0
16.0	14.6	15.3	16.3	14.8	15.2	16.0	15.3	14.8	13.9	14.6	14.5	12.2	12.9	11.6	11.1	9.8	16.0
18.0	11.7	12.4	13.3	11.9	12.3	13.0	12.3	12.8	12.6	12.4	12.5	11.3	11.7	10.7	10.4	9.3	18.0
20.0	9.5	10.2	11.0	9.7	10.1	10.8	10.1	10.6	11.3	10.2	10.3	10.4	10.7	9.9	9.6	8.7	20.0
22.0	7.8	8.4	9.3	8.0	8.4	9.0	8.4	8.8	9.5	8.5	8.6	9.6	8.9	9.1	9.0	8.2	22.0
24.0	6.3	7.0	7.9	6.5	6.9	7.6	7.0	7.4	8.1	7.1	7.1	8.4	7.5	8.1	7.8	7.7	24.0
26.0	5.1	5.8	6.8	5.3	5.7	6.4	5.8	6.2	7.0	5.9	5.9	7.2	6.3	7.0	6.6	6.6	26.0
28.0	4.2	4.8	5.8	4.3	4.7	5.4	4.8	5.2	6.0	4.9	4.9	6.3	5.3	6.0	5.6	5.6	28.0
30.0	3.3	4.0	4.9	3.5	3.9	4.6	3.9	4.4	5.1	4.0	4.1	5.4	4.5	5.1	4.7	4.8	30.0
32.0	2.6	3.3	4.2	2.8	3.2	3.8	3.2	3.7	4.4	3.3	3.4	4.7	3.7	4.4	4.0	4.1	32.0
34.0	2.0	2.7	3.6	2.2	2.6	3.2	2.6	3.0	3.8	2.7	2.8	4.0	3.1	3.7	3.4	3.5	34.0
36.0				1.6	2.0	2.7	2.0	2.5	3.2	2.1	2.2	3.5	2.5	3.2	2.8	2.9	36.0
38.0					1.5	2.2	1.6	2.0	2.7	1.6	1.7	3.0	2.1	2.7	2.3	2.4	38.0
40.0								1.6	2.3			2.6	1.6	2.2	1.9	2.0	40.0
42.0								1.2	2.0			2.2		1.9	1.5	1.6	42.0
44.0												1.8		1.5			44.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 22T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	98.0	90.0	69.0	84.0	68.0												3.5
4.0	95.0	87.0	65.0	84.0	64.0	77.0	54.0										4.0
4.5	86.0	82.0	61.0	82.0	60.0	77.0	51.0	61.0	61.0	55.0							4.5
5.0	73.0	72.0	57.0	72.0	56.0	72.0	49.0	61.0	57.0	53.0	53.0	53.0	53.0				5.0
5.5	59.0	58.0	53.0	58.0	54.0	59.0	47.0	60.0	54.0	51.0	53.0	53.0	53.0	44.0	43.0	36.0	5.5
6.0	49.0	48.0	51.0	48.0	50.0	49.0	45.0	50.0	51.0	50.0	51.0	50.0	52.0	44.0	41.0	34.5	6.0
6.5	42.0	41.0	44.0	41.0	45.0	42.0	43.0	43.0	44.0	46.0	43.0	43.0	45.0	44.0	39.0	33.0	6.5
7.0	36.0	36.0	38.0	36.0	39.0	36.0	40.0	37.0	38.5	40.0	38.0	38.0	39.5	39.0	37.0	31.5	7.0
8.0	28.9	28.0	30.0	28.1	31.0	28.5	31.0	29.3	30.0	31.0	30.0	29.9	31.5	30.0	31.0	29.2	8.0
9.0	23.4	22.5	24.8	22.6	25.4	23.0	26.2	23.7	24.8	26.1	24.5	24.3	25.8	25.2	25.5	26.4	9.0
10.0		18.6	20.8	18.6	21.2	19.0	22.0	19.7	20.7	22.0	20.4	20.2	21.6	21.1	21.4	22.2	10.0
11.0		15.5	17.7	15.6	18.1	16.0	18.9	16.6	17.6	18.8	17.3	17.1	18.5	17.9	18.2	19.0	11.0
12.0		13.2	15.2	13.2	15.7	13.6	16.4	14.2	15.1	16.3	14.8	14.7	16.0	15.5	15.8	16.5	12.0
14.0				9.7	12.1	10.1	12.7	10.6	11.5	12.7	11.2	11.1	12.3	11.8	12.1	12.8	14.0
16.0				7.1	9.6	7.5	10.2	8.1	9.0	10.1	8.7	8.6	9.8	9.3	9.6	10.3	16.0
18.0						5.6	8.3	6.2	7.1	8.2	6.8	6.6	7.9	7.4	7.7	8.4	18.0
20.0								4.7	5.6	6.8	5.3	5.1	6.4	5.9	6.2	6.9	20.0
22.0								3.5	4.4	5.6	4.1	3.9	5.2	4.7	4.9	5.7	22.0
24.0											3.1	2.9	4.2	3.7	4.0	4.7	24.0
26.0											2.3	2.2	3.5	2.9	3.2	3.9	26.0
28.0														2.2	2.5	3.2	28.0
30.0														1.7	1.9	2.6	30.0
32.0																	32.0
34.0																	34.0
36.0																	36.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 22T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	35.5	35.0	29.7														6.5
7.0	35.0	34.0	28.5	27.0	27.0												7.0
8.0	29.6	30.0	26.8	27.0	26.0	26.0											8.0
9.0	24.0	24.8	25.1	24.2	24.7	24.4	23.0	22.2	20.3								9.0
10.0	20.0	20.7	21.7	20.2	20.6	21.4	20.7	21.0	19.3	20.1	19.5	16.4					10.0
11.0	16.9	17.6	18.5	17.1	17.5	18.2	17.5	18.0	18.3	17.6	17.7	15.6					11.0
12.0	14.4	15.1	16.0	14.6	15.0	15.7	15.1	15.5	16.3	15.2	15.3	14.9	15.3	13.8			12.0
14.0	10.8	11.5	12.4	11.0	11.4	12.1	11.5	11.9	12.6	11.6	11.6	12.9	12.0	12.6	12.0		14.0
16.0	8.3	9.0	9.8	8.5	8.9	9.5	8.9	9.4	10.1	9.0	9.1	10.3	9.5	10.1	9.8	9.3	16.0
18.0	6.3	7.0	7.9	6.5	6.9	7.6	7.0	7.4	8.2	7.1	7.2	8.4	7.6	8.2	7.9	7.9	18.0
20.0	4.8	5.5	6.4	5.0	5.4	6.1	5.5	5.9	6.7	5.5	5.6	6.9	6.0	6.7	6.3	6.3	20.0
22.0	3.6	4.3	5.2	3.8	4.2	4.9	4.2	4.7	5.4	4.3	4.4	5.7	4.8	5.4	5.1	5.1	22.0
24.0	2.6	3.3	4.2	2.8	3.2	3.9	3.3	3.7	4.4	3.3	3.4	4.7	3.8	4.4	4.1	4.1	24.0
26.0	1.8	2.5	3.4	2.0	2.4	3.1	2.4	2.9	3.6	2.5	2.6	3.9	3.0	3.6	3.3	3.3	26.0
28.0	1.2	1.8	2.7	1.3	1.7	2.4	1.8	2.2	2.9	1.8	1.9	3.2	2.3	2.9	2.6	2.6	28.0
30.0		1.2	2.1		1.1	1.8	1.2	1.6	2.3	1.3	1.3	2.6	1.7	2.3	2.0	2.0	30.0
32.0			1.6			1.3		1.1	1.8			2.1	1.2	1.8	1.5	1.5	32.0
34.0			1.2						1.4			1.6		1.3	1.0	1.0	34.0
36.0									1.0			1.2					36.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers fully extended with counterweight 13T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	98.0	90.0	69.0	84.0	68.0												3.5
4.0	93.0	87.0	65.0	84.0	64.0	77.0	54.0										4.0
4.5	83.0	82.0	61.0	81.0	60.0	77.0	51.0	61.0	61.0	55.0							4.5
5.0	74.0	73.0	57.0	74.0	56.0	73.0	49.0	61.0	57.0	53.0	53.0	53.0	53.0				5.0
5.5	66.5	65.0	53.0	66.0	54.0	67.0	47.0	61.0	54.0	51.0	53.0	53.0	53.0	44.0	43.0	36.0	5.5
6.0	60.0	58.5	51.0	59.0	50.0	60.0	45.0	57.0	51.0	50.0	53.0	53.0	52.6	44.0	41.0	34.0	6.0
6.5	54.5	53.0	47.0	53.0	48.0	54.0	43.0	54.0	48.5	48.0	53.0	53.0	51.0	44.0	39.0	33.0	6.5
7.0	49.5	48.5	45.0	48.5	46.0	49.0	41.0	49.0	45.5	46.0	50.0	50.5	50.0	44.0	37.0	31.0	7.0
8.0	42.0	41.0	41.0	41.0	41.0	41.0	37.0	41.0	41.5	42.0	42.0	43.0	44.0	41.0	33.0	29.2	8.0
9.0	33.0	32.0	35.0	32.0	35.0	32.0	34.0	33.0	35.0	36.5	34.0	34.0	36.0	35.0	30.0	27.4	9.0
10.0		25.8	28.5	25.9	29.1	26.4	30.0	27.2	28.4	30.0	28.0	27.8	29.5	28.9	28.3	25.3	10.0
11.0		21.3	23.7	21.3	24.3	21.8	25.2	22.5	23.7	25.1	23.3	23.1	24.7	24.1	24.4	23.3	11.0
12.0		17.8	20.2	17.8	20.7	18.3	21.5	19.0	20.1	21.5	19.7	19.5	21.1	20.4	20.8	21.6	12.0
14.0				13.0	15.6	13.4	16.4	14.0	15.1	16.3	14.7	14.5	15.9	15.4	15.7	16.5	14.0
16.0				9.8	12.3	10.1	13.0	10.7	11.7	12.9	11.3	11.2	12.5	12.0	12.3	13.0	16.0
18.0						7.7	10.5	8.3	9.3	10.4	9.0	8.8	10.1	9.6	9.8	10.5	18.0
20.0								6.5	7.5	8.6	7.1	6.9	8.3	7.7	8.0	8.7	20.0
22.0								5.0	6.0	7.2	5.6	5.4	6.8	6.2	6.5	7.3	22.0
24.0											4.4	4.3	5.6	5.0	5.3	6.1	24.0
26.0											3.5	3.3	4.7	4.1	4.4	5.1	26.0
28.0														3.3	3.6	4.3	28.0
30.0														2.6	2.9	3.6	30.0
32.0																	32.0
34.0																	34.0
36.0																	36.0
38.0																	38.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers fully extended with counterweight 13T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	35.5	35.0	29.7														6.5
7.0	35.0	34.0	28.5	27.0	27.0												7.0
8.0	32.0	31.0	26.8	27.0	26.0	26.0											8.0
9.0	29.9	29.0	25.1	26.7	25.5	24.4	23.0	22.2	20.3								9.0
10.0	27.6	26.8	23.5	24.6	24.4	22.9	22.0	21.0	19.3	20.1	19.5	16.4					10.0
11.0	22.8	23.6	22.1	23.1	22.5	21.5	20.6	19.7	18.3	19.1	19.0	15.6					11.0
12.0	19.2	20.0	20.9	19.5	20.0	20.5	18.4	18.6	17.4	17.1	17.0	14.9	15.3	13.8			12.0
14.0	14.3	15.0	16.0	14.5	14.9	15.7	15.0	15.5	15.6	15.1	15.2	13.5	14.0	12.6	12.0		14.0
16.0	10.9	11.6	12.5	11.1	11.5	12.2	11.6	12.1	12.8	11.7	11.8	12.2	12.2	11.6	11.1	9.8	16.0
18.0	8.5	9.2	10.1	8.7	9.1	9.8	9.2	9.6	10.4	9.3	9.3	10.6	9.7	10.4	10.4	9.3	18.0
20.0	6.6	7.3	8.2	6.8	7.2	8.0	7.3	7.8	8.5	7.4	7.5	8.8	7.9	8.5	8.2	8.2	20.0
22.0	5.1	5.8	6.8	5.3	5.7	6.5	5.8	6.3	7.1	5.9	6.0	7.3	6.4	7.1	6.7	6.7	22.0
24.0	3.9	4.6	5.6	4.1	4.5	5.3	4.6	5.1	5.8	4.7	4.8	6.1	5.2	5.8	5.5	5.5	24.0
26.0	3.0	3.6	4.6	3.1	3.6	4.3	3.6	4.1	4.8	3.7	3.8	5.1	4.2	4.8	4.5	4.5	26.0
28.0	2.2	2.8	3.8	2.3	2.7	3.4	2.8	3.2	4.0	2.9	3.0	4.3	3.3	4.0	3.6	3.7	28.0
30.0	1.5	2.2	3.1	1.7	2.1	2.7	2.1	2.5	3.3	2.2	2.3	3.6	2.6	3.3	2.9	3.0	30.0
32.0		1.6	2.5		1.5	2.1	1.5	2.0	2.7	1.6	1.7	3.0	2.0	2.7	2.3	2.4	32.0
34.0			2.0			1.6		1.4	2.2			2.4	1.5	2.1	1.8	1.9	34.0
36.0						1.2		1.0	1.7			2.0		1.7	1.3	1.4	36.0
38.0									1.3			1.6					38.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 13T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	98.0	90.0	69.0	84.0	68.0												3.5
4.0	93.0	87.0	65.0	84.0	64.0	77.0	54.0										4.0
4.5	74.0	73.0	61.0	73.0	60.0	74.0	51.0	61.0	61.0	55.0							4.5
5.0	57.0	56.0	57.0	56.0	56.0	57.0	49.0	58.0	57.0	53.0	53.0	53.0	53.0				5.0
5.5	46.0	45.0	48.0	45.0	49.0	46.0	47.0	47.0	48.0	50.0	48.0	47.0	50.0	44.0	43.0	36.0	5.5
6.0	38.0	37.0	40.0	37.0	41.0	38.0	42.0	39.0	40.0	42.0	40.0	39.5	41.0	41.0	41.0	34.0	6.0
6.5	32.0	31.0	34.0	31.0	35.0	32.0	36.0	33.0	34.5	36.0	34.0	34.0	35.5	35.0	35.5	33.0	6.5
7.0	28.4	27.4	30.0	27.5	30.0	28.0	31.0	28.9	30.0	31.5	29.7	29.5	31.0	30.0	30.5	31.0	7.0
8.0	21.9	21.1	23.5	21.1	24.1	21.6	25.0	22.4	23.5	24.9	23.1	22.9	24.5	23.9	24.3	25.2	8.0
9.0	17.5	16.7	19.0	16.7	19.5	17.2	20.3	17.9	19.0	20.3	18.6	18.4	19.9	19.3	19.7	20.5	9.0
10.0		13.5	15.7	13.5	16.2	14.0	17.0	14.6	15.7	16.9	15.3	15.1	16.6	16.0	16.3	17.1	10.0
11.0		11.1	13.2	11.1	13.7	11.5	14.4	12.2	13.1	14.4	12.8	12.6	14.0	13.5	13.8	14.6	11.0
12.0		9.1	11.3	9.2	11.7	9.6	12.4	10.2	11.2	12.3	10.8	10.7	12.0	11.5	11.8	12.5	12.0
14.0				6.2	8.8	6.6	9.5	7.3	8.3	9.4	7.9	7.7	9.1	8.6	8.8	9.5	14.0
16.0				4.2	6.7	4.5	7.4	5.1	6.1	7.3	5.8	5.6	7.0	6.4	6.8	7.5	16.0
18.0						3.0	5.9	3.6	4.5	5.7	4.2	4.0	5.4	4.8	5.1	5.9	18.0
20.0								2.4	3.3	4.5	3.0	2.8	4.1	3.6	3.9	4.6	20.0
22.0								1.5	2.4	3.6	3.0	1.8	3.2	2.6	2.9	3.6	22.0
24.0											1.3	1.1	2.4	1.8	2.1	2.8	24.0
26.0													1.8	1.2	1.5	2.2	26.0
28.0																1.6	28.0
30.0																1.2	30.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 13T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	33.0	34.0	29.7														6.5
7.0	29.1	30.0	28.5	27.0	26.0												7.0
8.0	22.6	23.4	24.6	22.8	23.4	24.2											8.0
9.0	18.2	18.9	20.0	18.4	18.9	19.6	18.9	19.4	20.3								9.0
10.0	14.9	15.6	16.6	15.1	15.6	16.3	15.6	16.1	16.9	15.7	15.8	16.4					10.0
11.0	12.4	13.1	14.1	12.6	13.0	13.8	13.1	13.6	14.4	13.2	13.3	14.6					11.0
12.0	10.4	11.1	12.0	10.7	11.1	11.8	11.1	11.6	12.3	11.2	11.3	12.6	11.7	12.4			12.0
14.0	7.5	8.2	9.1	7.7	8.1	8.8	8.2	8.6	9.4	8.3	8.4	9.6	8.7	9.4	9.0		14.0
16.0	5.3	6.0	7.0	5.5	6.0	6.7	6.0	6.5	7.3	6.1	6.2	7.5	6.6	7.3	6.9	7.0	16.0
18.0	3.7	4.4	5.4	3.9	4.4	5.1	4.4	4.9	5.6	4.5	4.6	5.9	5.0	5.7	5.3	5.3	18.0
20.0	2.5	3.2	4.1	2.7	3.1	3.8	3.2	3.6	4.4	3.3	3.3	4.7	3.7	4.4	4.0	4.1	20.0
22.0	1.6	2.2	3.1	1.7	2.1	2.8	2.2	2.6	3.4	2.3	2.4	3.7	2.7	3.4	3.0	3.1	22.0
24.0		1.4	2.3	1.0	1.4	2.0	1.4	1.8	2.6	1.5	1.6	2.9	1.9	2.6	2.2	2.2	24.0
26.0			1.7			1.4		1.2	1.9			2.2	1.3	1.9	1.6	1.6	26.0
28.0			1.1						1.3			1.6		1.3	1.0	1.0	28.0
30.0												1.1					30.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers fully extended with counterweight 3.5T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	98.0	90.0	69.0	84.0	68.0												3.5
4.0	86.0	85.0	65.0	80.0	64.0	77.0	54.0										4.0
4.5	75.0	76.0	61.0	74.0	60.0	71.0	51.0	61.0	61.0	55.0							4.5
5.0	66.0	68.0	57.0	67.0	56.0	65.0	49.0	57.0	57.0	53.0	53.0	53.0	53.0				5.0
5.5	59.0	60.0	53.0	60.0	54.0	58.0	47.0	53.0	54.0	51.0	51.0	53.0	53.0	44.0	43.0	36.0	5.5
6.0	54.2	53.9	51.0	54.0	50.0	52.6	45.0	48.0	51.0	50.0	48.0	53.0	52.6	42.0	41.0	34.0	6.0
6.5	49.2	48.0	46.0	48.0	45.0	45.8	42.0	44.9	48.5	48.0	42.0	53.0	51.0	39.0	39.0	33.0	6.5
7.0	43.3	42.3	41.8	42.3	40.0	39.1	38.0	39.1	45.0	46.0	37.5	44.0	46.0	35.0	37.0	31.0	7.0
8.0	32.1	31.6	33.8	31.7	34.4	31.9	32.9	32.8	34.1	35.8	32.9	33.9	35.8	32.8	33.0	29.2	8.0
9.0	25.2	24.2	27.0	24.2	27.6	24.7	28.2	25.6	27.0	28.7	26.5	26.2	28.2	27.4	26.8	26.4	9.0
10.0		19.1	21.7	19.1	22.3	19.6	23.2	20.4	21.7	23.2	21.3	21.0	22.8	22.1	22.3	22.5	10.0
11.0			17.9	15.5	18.4	15.9	19.3	16.7	17.9	19.3	17.5	17.3	18.9	18.2	18.6	19.2	11.0
12.0			15.1	12.7	15.6	13.2	16.4	13.9	15.0	16.4	14.6	14.4	16.0	15.3	15.7	16.5	12.0
14.0				8.8	11.5	9.3	12.3	9.9	11.0	12.2	10.6	10.4	11.8	11.3	11.6	12.4	14.0
16.0				6.1	8.9	6.5	9.5	7.2	8.2	9.5	7.9	7.7	9.1	8.6	8.9	9.6	16.0
18.0						4.6	7.6	5.2	6.2	7.5	5.8	5.6	7.1	6.5	6.8	7.6	18.0
20.0								3.7	4.7	5.9	4.3	4.1	5.5	4.9	5.3	6.0	20.0
22.0								2.6	3.6	4.8	3.2	3.0	4.4	3.8	4.1	4.9	22.0
24.0											2.0	1.9	3.3	2.8	3.1	3.9	24.0
26.0													2.5	2.1	2.4	3.1	26.0
28.0															1.7	2.4	28.0
30.0																1.8	30.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers fully extended with counterweight 3.5T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	35.5	35.0	29.7														6.5
7.0	35.0	34.0	28.5	27.0	26.0												7.0
8.0	30.0	30.0	26.8	27.0	26.0	26.0											8.0
9.0	25.3	25.8	25.1	23.6	24.2	24.4	23.0	22.2	20.3								9.0
10.0	20.7	21.3	21.7	20.5	20.1	21.1	20.2	20.8	19.3	20.1	19.5	16.4					10.0
11.0	17.0	17.8	18.4	17.2	16.5	17.4	16.6	17.1	18.1	16.7	16.8	15.6					11.0
12.0	14.1	14.9	15.9	14.4	14.9	15.6	14.7	15.1	15.6	14.5	14.6	14.0	14.6	13.8			12.0
14.0	10.2	10.9	11.9	10.4	10.8	11.6	10.9	11.4	12.0	11.0	11.1	11.9	11.2	11.5	11.1		14.0
16.0	7.4	8.1	9.1	7.6	8.1	8.8	8.1	8.6	9.4	8.2	8.3	9.5	8.7	9.2	8.8	8.5	16.0
18.0	5.4	6.1	7.1	5.6	6.0	6.8	6.1	6.6	7.4	6.2	6.3	7.7	6.7	7.4	7.1	6.9	18.0
20.0	3.8	4.5	5.5	4.0	4.4	5.2	4.5	5.0	5.8	4.6	4.7	6.1	5.1	5.8	5.4	5.4	20.0
22.0	2.7	3.4	4.4	2.9	3.3	4.0	3.4	3.8	4.6	3.5	3.5	4.9	3.9	4.6	4.2	4.3	22.0
24.0		2.4	3.2	1.9	2.2	2.9	2.2	2.7	3.5	2.4	2.4	3.9	2.8	3.5	3.0	2.9	24.0
26.0			2.5			2.2		2.0	2.7			3.0	2.0	2.7	2.4	2.2	26.0
28.0			1.8			1.4		1.2	2.0			2.3		2.0	1.6	1.6	28.0
30.0			1.2						1.5			1.7					30.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 3.5T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	98.0	90.0	69.0	84.0	68.0												3.5
4.0	77.4	74.7	65.0	74.1	64.0	73.7	54.0										4.0
4.5	55.9	54.9	56.0	54.9	56.7	55.1	51.0	53.5	56.0	55.0							4.5
5.0	43.0	41.2	44.7	42.0	45.3	42.2	44.9	43.2	44.7	45.6	43.1	43.1	45.6				5.0
5.5	34.5	32.7	36.5	33.5	37.5	33.7	37.9	34.7	36.5	38.5	35.7	35.5	38.1	35.8	36.4	36.0	5.5
6.0	28.4	27.4	30.4	27.4	31.2	28.1	32.1	29.1	30.4	32.1	29.9	29.7	31.6	30.9	31.3	30.7	6.0
6.5	23.9	22.9	25.8	22.9	26.4	23.6	27.5	24.5	25.8	27.5	25.4	25.2	27.0	26.3	26.7	27.1	6.5
7.0	20.6	19.6	21.0	19.7	22.7	20.2	23.7	21.1	22.2	23.8	21.9	21.7	23.4	22.7	23.0	23.9	7.0
8.0	15.5	14.7	17.1	14.7	17.7	15.2	18.6	16.0	17.1	18.5	16.7	16.5	18.1	17.5	17.9	18.8	8.0
9.0	12.2	11.3	13.6	11.3	14.1	11.8	14.9	12.5	13.6	14.9	13.2	13.0	14.5	13.9	14.3	15.1	9.0
10.0		8.7	11.1	8.8	11.6	9.3	12.4	10.0	11.0	12.3	10.7	10.5	11.9	11.4	11.7	12.5	10.0
11.0		6.8	9.1	6.8	9.6	7.3	10.3	8.0	9.0	10.3	8.7	8.5	9.9	9.4	9.7	10.5	11.0
12.0		5.2	7.6	5.3	8.0	5.7	8.7	6.4	7.5	8.6	7.1	6.9	8.3	7.8	8.1	8.8	12.0
14.0				3.0	5.6	3.4	6.4	4.1	5.1	6.3	4.7	4.5	5.9	5.4	5.6	6.5	14.0
16.0					4.0	1.7	4.7	2.3	3.3	4.6	3.0	2.8	4.2	3.6	4.0	4.7	16.0
18.0							3.3		2.2	3.3	1.7	1.4	2.7	2.3	2.7	3.3	18.0
20.0										2.4			1.8	1.4	1.6	2.4	20.0
22.0										1.6						1.6	22.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 3.5T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	24.7	25.6	26.0														6.5
7.0	21.3	22.2	23.0	21.1	21.4												7.0
8.0	16.2	17.0	18.2	16.4	17.0	17.8											8.0
9.0	12.8	13.5	14.6	13.0	13.4	14.2	13.5	14.0	14.9								9.0
10.0	10.3	11.0	12.0	10.5	10.9	11.7	11.0	11.5	12.3	11.0	11.1	12.4					10.0
11.0	8.3	9.0	10.0	8.5	8.9	9.7	9.0	9.5	10.3	9.1	9.2	10.5	9.4	9.8			11.0
12.0	6.6	7.4	8.3	6.9	7.3	8.1	7.4	7.9	8.6	7.5	7.6	8.9	8.0	8.7	8.0		12.0
14.0	4.3	5.0	5.9	4.5	4.9	5.6	5.0	5.4	6.2	5.1	5.2	6.6	5.5	6.3	5.7	5.3	14.0
16.0	2.5	3.2	4.2	2.7	3.2	3.9	3.2	3.7	4.5	3.3	3.4	4.8	3.8	4.5	4.0	3.7	16.0
18.0		2.1	3.0	1.4	1.9	2.4	1.9	2.2	3.1	2.0	2.2	3.5	2.3	3.2	2.7	2.4	18.0
20.0			2.0			1.5		1.3	2.1			2.3	1.4	2.1	1.6	1.5	20.0
22.0									1.3			1.6		1.4			22.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers fully extended with counterweight 0.0T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	98.0	90.0	69.0	84.0	68.0												3.5
4.0	86.0	85.0	65.0	80.0	64.0	77.0	54.0										4.0
4.5	75.0	76.0	61.0	74.0	60.0	71.0	51.0	61.0	61.0	55.0							4.5
5.0	66.0	68.0	57.0	67.0	56.0	65.0	49.0	57.0	57.0	53.0	53.0	53.0	53.0				5.0
5.5	59.0	60.0	53.0	60.0	54.0	58.0	47.0	53.0	54.0	51.0	51.0	53.0	53.0	44.0	43.0	36.0	5.5
6.0	53.0	53.0	51.0	53.0	50.0	51.0	45.0	48.0	51.0	50.0	48.0	53.0	52.6	42.0	41.0	34.0	6.0
6.5	48.0	47.0	46.0	47.0	45.0	44.0	42.0	43.0	48.5	48.0	42.0	53.0	51.0	39.0	39.0	33.0	6.5
7.0	42.0	41.0	41.0	41.0	40.0	37.0	38.0	37.0	45.0	46.0	37.5	44.0	46.0	35.0	37.0	31.0	7.0
8.0	30.0	29.6	32.0	29.7	33.0	30.0	32.0	31.0	32.5	34.5	31.0	32.0	34.0	31.0	33.0	29.2	8.0
9.0	23.5	22.5	25.3	22.5	26.0	23.1	27.0	24.0	25.3	27.0	24.9	24.6	26.5	25.8	26.2	26.2	9.0
10.0		17.7	20.3	17.7	20.9	18.2	21.8	19.0	20.3	21.8	19.9	19.6	21.4	20.7	21.1	22.0	10.0
11.0		14.2	16.7	14.3	17.2	14.7	18.1	15.5	16.7	18.1	16.3	16.1	17.7	17.0	17.4	18.3	11.0
12.0		11.7	14.0	11.7	14.5	12.1	15.3	12.8	13.9	15.3	13.6	13.4	14.9	14.3	14.6	15.5	12.0
14.0				7.9	10.7	8.4	11.4	9.1	10.1	11.4	9.8	9.6	11.0	10.4	10.8	11.5	14.0
16.0				5.4	8.2	5.8	8.8	6.5	7.5	8.8	7.2	7.0	8.4	7.9	8.2	8.9	16.0
18.0						4.0	7.0	4.6	5.6	6.9	5.2	5.0	6.5	5.9	6.2	7.0	18.0
20.0								3.2	4.2	5.4	3.8	3.6	5.0	4.4	4.8	5.5	20.0
22.0								2.1	3.1	4.3	2.7	2.5	3.9	3.3	3.6	4.4	22.0
24.0											1.8	1.6	3.0	2.4	2.7	3.5	24.0
26.0													2.3	1.7	2.0	2.7	26.0
28.0															1.4	2.1	28.0
30.0																1.6	30.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers fully extended with counterweight 0.0T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	35.5	35.0	29.7														6.5
7.0	35.0	34.0	28.5	27.0	26.0												7.0
8.0	30.0	30.0	26.8	27.0	26.0	26.0											8.0
9.0	24.3	25.2	25.1	23.6	24.2	24.4	23.0	22.2	20.3								9.0
10.0	19.3	20.2	21.4	19.6	20.1	21.1	20.2	20.8	19.3	20.1	19.5	16.4					10.0
11.0	15.8	16.6	17.7	16.0	16.5	17.4	16.6	17.1	18.1	16.7	16.8	15.6					11.0
12.0	13.1	13.9	14.9	13.3	13.8	14.6	13.9	14.4	15.3	14.0	14.1	13.9	14.5	13.8			12.0
14.0	9.3	10.0	11.0	9.6	10.0	10.7	10.0	10.5	11.3	10.1	10.2	11.6	10.6	11.3	11.0		14.0
16.0	6.7	7.4	8.4	6.9	7.4	8.1	7.4	7.9	8.7	7.5	7.6	9.0	8.0	8.7	8.4	8.4	16.0
18.0	4.8	5.5	6.5	5.0	5.4	6.2	5.5	6.0	6.8	5.6	5.7	7.1	6.1	6.8	6.4	6.4	18.0
20.0	3.3	4.0	5.0	3.5	3.9	4.7	4.0	4.5	5.3	4.1	4.2	5.6	4.6	5.3	4.9	4.9	20.0
22.0	2.2	2.9	3.9	2.4	2.8	3.5	2.9	3.3	4.1	3.0	3.0	4.4	3.4	4.1	3.8	3.8	22.0
24.0		2.0	2.9	1.5	1.9	2.6	1.9	2.4	3.2	2.0	2.1	3.5	2.5	3.2	2.8	2.9	24.0
26.0			2.2			1.9		1.7	2.4			2.7	1.8	2.4	2.1	2.2	26.0
28.0			1.6			1.2		1.0	1.8			2.1		1.8	1.4	1.5	28.0
30.0			1.0						1.3			1.5					30.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 0.0T

Radius (m)	12.1	16.1		20.0		24.0		27.9			31.8			35.5			Radius (m)
3.0	120.0	92.0	75.0	84.0	74.0												3.0
3.5	98.0	90.0	69.0	84.0	68.0												3.5
4.0	74.0	72.0	65.0	72.0	64.0	73.0	54.0										4.0
4.5	52.0	51.0	55.0	51.0	56.0	51.0	51.0	53.0	55.0	55.0							4.5
5.0	40.0	38.0	42.0	39.0	43.0	39.0	44.0	40.0	42.0	44.0	41.0	41.0	44.0				5.0
5.5	32.0	30.0	34.0	31.0	35.0	31.0	36.0	32.0	34.0	36.0	33.0	33.0	35.5	34.0	35.0	36.0	5.5
6.0	26.4	25.3	28.4	25.4	29.1	26.0	30.0	27.0	28.4	30.0	27.8	27.6	29.6	28.8	29.2	30.0	6.0
6.5	22.2	21.2	24.0	21.2	24.6	21.8	25.7	22.7	24.0	25.7	23.6	23.3	25.2	24.4	24.8	25.9	6.5
7.0	18.9	18.0	2.0	18.0	21.2	18.5	22.2	19.4	20.6	22.2	20.2	20.0	21.8	21.1	21.4	22.4	7.0
8.0	14.2	13.3	15.8	13.4	16.4	13.9	17.3	14.6	15.8	17.2	15.4	15.2	16.8	16.2	16.5	17.5	8.0
9.0	11.1	10.2	12.5	10.2	13.0	10.7	13.8	11.4	12.5	13.8	12.1	11.9	13.4	12.8	13.2	14.0	9.0
10.0		7.7	10.1	7.8	10.6	8.3	11.4	9.0	10.0	11.3	9.7	9.5	10.9	10.4	10.7	11.5	10.0
11.0		5.9	8.3	5.9	8.7	6.4	9.5	7.1	8.2	9.4	7.8	7.6	9.1	8.5	8.8	9.6	11.0
12.0		4.4	6.8	4.5	7.2	4.9	8.0	5.6	6.7	7.9	6.3	6.1	7.6	7.0	7.3	8.1	12.0
14.0				2.3	5.0	2.7	5.8	3.4	4.4	5.7	4.1	3.9	5.3	4.7	5.0	5.9	14.0
16.0					3.5	1.2	4.2	1.8	2.8	4.1	2.5	2.3	3.7	3.1	3.4	4.2	16.0
18.0							3.0		1.7	2.9	1.3	1.1	2.5	2.0	2.2	3.0	18.0
20.0										2.0			1.6	1.1	1.3	2.1	20.0
22.0										1.3						1.4	22.0
BoomII		46		46		46		46			46	46		46			BoomII
BoomIII				46		46		46	46		46	46	46	46	92	46	BoomIII
BoomIV						46		46	46	46	46	46	46	46	46	46	BoomIV
BoomV					46		46	46	92	46	46	92	46	46	46	46	BoomV
BoomVI			46		46		46			46	46		46	46	46	46	BoomVI
BoomVII							46			46			46	46	46	92	BoomVII
Number of parts of line	12	11	11	10	10	9	9	7	7	7	6	6	6	5	5	5	Number of parts of line

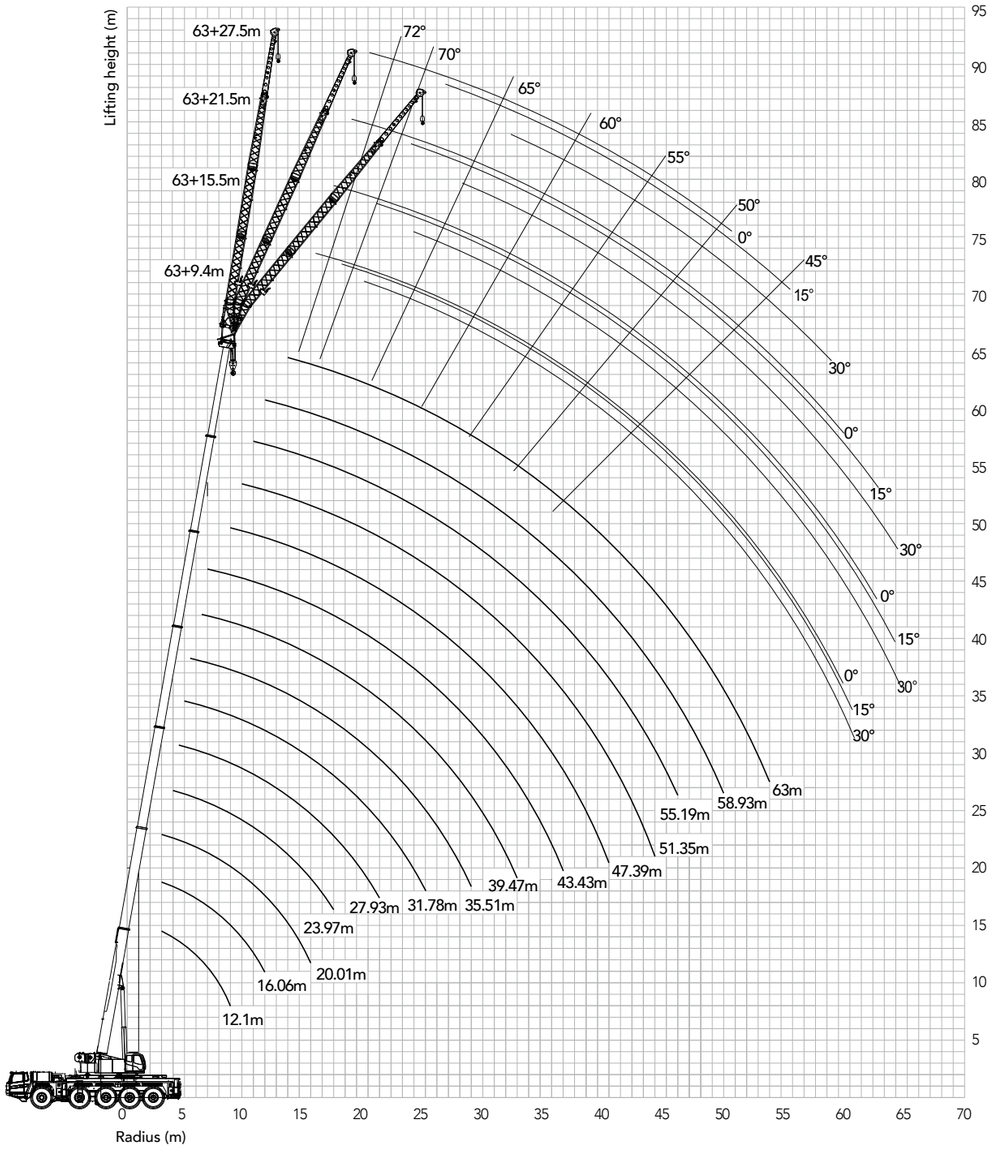
Load Chart - Telescopic Boom

Unit: t

Outriggers half extended with counterweight 0.0T

Radius (m)	39.5			43.4			47.4			51.3			55.2		58.9	63.0	Radius (m)
3.0																	3.0
3.5																	3.5
4.0																	4.0
4.5																	4.5
5.0																	5.0
5.5																	5.5
6.0																	6.0
6.5	22.9	23.8	25.2														6.5
7.0	19.6	20.5	21.8	19.9	20.4												7.0
8.0	14.9	15.7	16.8	15.1	15.6	16.5											8.0
9.0	11.7	12.4	13.5	11.9	12.3	13.1	12.4	12.9	13.8								9.0
10.0	9.3	10.0	11.0	9.5	9.9	10.7	10.0	10.5	11.3	10.0	10.1	11.6					10.0
11.0	7.4	8.1	9.1	7.6	8.1	8.8	8.1	8.6	9.4	8.2	8.3	9.7	8.7	9.4			11.0
12.0	5.8	6.6	7.6	6.1	6.5	7.3	6.6	7.1	7.9	6.7	6.8	8.2	7.2	7.9	7.6		12.0
14.0	3.6	4.3	5.3	3.8	4.3	5.0	4.3	4.8	5.6	4.4	4.5	6.0	4.9	5.7	5.3	5.3	14.0
16.0	2.0	2.7	3.7	2.2	2.7	3.4	2.7	3.2	4.0	2.8	2.9	4.3	3.3	4.0	3.6	3.7	16.0
18.0		1.6	2.5	1.1	1.5	2.2	1.5	2.0	2.8	1.6	1.7	3.1	2.1	2.8	2.4	2.4	18.0
20.0			1.6			1.3		1.1	1.8			2.1	1.2	1.9	1.5	1.5	20.0
22.0									1.1			1.4		1.1			22.0
BoomII	92	92	46	92	92	46	92	46		92	92		92	46	92	100	BoomII
BoomIII	92	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	BoomIII
BoomIV	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	100	BoomIV
BoomV	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	100	BoomV
BoomVI	46	46	46	46	46	92	46	92	92	92	46	92	92	92	92	100	BoomVI
BoomVII		46	92		46		46		46		46	92	46	92	92	100	BoomVII
Number of parts of line	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	Number of parts of line

Jib Operating Range



Load Chart - Fixed Jib

Unit: t

Outriggers fully extended with counterweight 36.5T, jib length of 9.4m

Radius (m)	31.8			35.5			39.5			43.4			47.4			Radius (m)
	9.4			9.4			9.4			9.4			9.4			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	
6.0	8.0			8.0												6.0
6.5	8.0			8.0												6.5
7.0	8.0	8.0		8.0			8.0									7.0
8.0	8.0	8.0		8.0	7.9		8.0			8.0						8.0
9.0	8.0	8.0	7.8	8.0	7.9		8.0	8.0		8.0			8.0			9.0
10.0	8.0	8.0	7.8	7.9	7.9	7.9	8.0	8.0		8.0			8.0			10.0
11.0	8.0	7.8	7.8	7.9	7.8	7.9	8.0	8.0	7.9	7.9	8.0		8.0	8.0		11.0
12.0	7.9	7.8	7.8	7.9	7.8	7.7	8.0	7.9	7.9	7.9	8.0		7.9	7.9		12.0
14.0	7.9	7.8	7.6	7.8	7.7	7.7	7.9	7.9	7.8	7.8	7.9	7.9	7.9	7.9	7.8	14.0
16.0	7.9	7.8	7.6	7.8	7.7	7.5	7.9	7.8	7.8	7.8	7.9	7.9	7.9	7.8	7.8	16.0
18.0	7.9	7.6	7.6	7.8	7.5	7.5	7.8	7.8	7.8	7.5	7.8	7.6	7.8	7.8	7.6	18.0
20.0	7.8	7.6	7.6	7.6	7.5	7.3	7.8	7.5	7.4	7.5	7.7	7.6	7.8	7.6	7.0	20.0
22.0	7.8	7.6	7.4	7.6	7.3	7.3	7.4	6.9	6.7	7.2	7.7	7.1	7.6	7.0	6.3	22.0
24.0	7.8	7.6	7.4	7.6	7.3	7.2	6.8	6.3	6.0	6.5	6.9	6.5	7.0	6.3	5.8	24.0
26.0	7.8	7.6	7.4	7.6	7.1	6.6	6.3	5.8	5.5	5.8	6.3	5.9	6.2	5.7	5.3	26.0
28.0	7.0	6.8	6.6	7.1	6.4	5.9	5.7	5.2	4.9	5.4	5.7	5.4	5.5	5.1	4.8	28.0
30.0	6.0	6.1	5.9	6.4	5.8	5.4	5.1	4.7	4.5	4.9	5.2	4.9	5.0	4.6	4.4	30.0
32.0	4.7	5.4	5.2	5.6	5.2	5.0	4.5	4.3	4.1	4.4	4.6	4.5	4.5	4.2	4.0	32.0
34.0	3.4	4.5	4.5	4.9	4.7	4.5	4.1	3.8	3.7	3.9	4.2	4.0	4.0	3.8	3.7	34.0
36.0	2.5	3.6	3.8	4.2	4.1	4.0	3.6	3.5	3.3	3.7	3.8	3.6	3.6	3.5	3.3	36.0
38.0	2.0	2.7	3.1	3.5	3.5	3.5	3.2	3.1	3.0	3.3	3.4	3.3	3.2	3.1	3.0	38.0
40.0				2.8	2.9	3.0	2.9	2.8	2.7	3.1	3.0	3.0	2.9	2.7	2.7	40.0
42.0				2.1	2.3	2.5	2.5	2.5	2.4	2.8	2.8	2.7	2.6	2.5	2.4	42.0
44.0							2.2	2.2	2.1	2.5	2.4	2.4	2.3	2.2	2.2	44.0
46.0							1.8	1.8	1.7	2.3	2.2	2.2	2.0	1.9	1.9	46.0
48.0										1.9	1.9	2.0	1.7	1.7	1.7	48.0
50.0										1.5	1.6	1.5	1.4	1.5	1.4	50.0
52.0													1.1	1.2	1.2	52.0
54.0													0.9	0.9	0.8	54.0
56.0																56.0
58.0																58.0
60.0																60.0
BoomII	46			46			92			92			92			BoomII
BoomIII	46			46			46			92			92			BoomIII
BoomIV	46			46			46			46			92			BoomIV
BoomV	46			46			46			46			46			BoomV
BoomVI	46			46			46			46			46			BoomVI
BoomVII	46			46			46			46			46			BoomVII

Load Chart - Fixed Jib

Unit: t

Outriggers fully extended with counterweight 36.5T, jib length of 9.4m

Radius (m)	51.3			55.2			58.9			63.0			Radius (m)
	9.4			9.4			9.4			9.4			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	
6.0													6.0
6.5													6.5
7.0													7.0
8.0													8.0
9.0													9.0
10.0	8.0			6.7									10.0
11.0	8.0			6.7			6.8						11.0
12.0	8.0	8.0		6.7			6.8			5.7			12.0
14.0	7.9	7.9		6.7	6.5		6.8	6.7		5.7			14.0
16.0	7.9	7.8	7.7	6.7	6.5	6.2	6.7	6.7	6.4	5.7	5.6		16.0
18.0	7.9	7.7	7.5	6.5	6.4	6.0	6.5	6.4	6.3	5.7	5.6	5.4	18.0
20.0	7.4	7.2	7.0	6.2	6.1	5.7	6.3	6.1	6.1	5.7	5.5	5.4	20.0
22.0	7.0	6.8	6.4	5.9	5.8	5.4	6.0	5.9	5.8	5.6	5.4	5.4	22.0
24.0	6.5	6.4	5.9	5.6	5.5	5.2	5.7	5.6	5.5	5.4	5.2	5.2	24.0
26.0	5.9	5.8	5.4	5.3	5.2	4.9	5.3	5.3	5.3	5.3	5.0	5.0	26.0
28.0	5.4	5.2	4.9	5.0	5.0	4.7	5.0	5.0	5.0	4.9	4.8	4.7	28.0
30.0	4.8	4.8	4.5	4.7	4.7	4.5	4.7	4.7	4.8	4.5	4.5	4.4	30.0
32.0	4.3	4.3	4.1	4.3	4.4	4.2	4.5	4.5	4.5	4.2	4.2	4.1	32.0
34.0	4.0	3.9	3.7	3.9	4.2	4.0	4.3	4.2	4.3	3.9	3.9	3.8	34.0
36.0	3.6	3.5	3.4	3.5	3.8	3.8	4.0	4.0	4.0	3.5	3.6	3.6	36.0
38.0	3.3	3.1	3.1	3.1	3.4	3.4	3.6	3.7	3.7	3.2	3.2	3.3	38.0
40.0	2.9	2.8	2.8	2.8	3.1	3.1	3.3	3.4	3.4	2.9	2.9	3.0	40.0
42.0	2.5	2.5	2.5	2.6	2.8	2.8	3.0	3.1	3.1	2.7	2.7	2.7	42.0
44.0	2.3	2.2	2.2	2.2	2.6	2.6	2.7	2.8	2.8	2.5	2.5	2.5	44.0
46.0	2.0	2.0	2.0	2.0	2.3	2.3	2.4	2.5	2.6	2.2	2.3	2.3	46.0
48.0	1.7	1.7	1.7	1.8	2.1	2.1	2.2	2.2	2.3	1.9	2.0	2.1	48.0
50.0	1.5	1.5	1.5	1.5	1.8	1.8	1.8	2.0	2.1	1.8	1.8	1.8	50.0
52.0	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.6	1.7	1.4	1.6	1.7	52.0
54.0	0.9	1.0	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.1	1.3	1.4	54.0
56.0	0.6	0.7	0.7	0.7	0.8	0.9	0.9	1.0	1.1	0.9	1.0	1.1	56.0
58.0				0.5	0.6	0.6	0.7	0.8	0.8	0.6	0.7	0.8	58.0
60.0								0.5	0.6		0.5	0.6	60.0
BoomII		92			92			92			100		BoomII
BoomIII		92			92			92			100		BoomIII
BoomIV		92			92			92			100		BoomIV
BoomV		92			92			92			100		BoomV
BoomVI		46			92			92			100		BoomVI
BoomVII		46			46			92			100		BoomVII

Load Chart - Fixed Jib

Unit: t

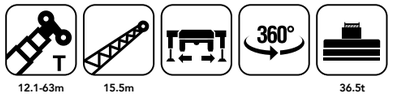
Outriggers fully extended with counterweight 36.5T, jib length of 15.5m

Radius (m)	31.8			35.5			39.5			43.4			47.4			Radius (m)
	15.5			15.5			15.5			15.5			15.5			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	
6.0	5.8															6.0
6.5	5.7															6.5
7.0	5.6			5.3												7.0
8.0	5.5			5.3			5.1			4.9						8.0
9.0	5.4			5.2			5.0			4.8			4.9			9.0
10.0	5.2	4.2		5.0			4.9			4.6			4.8			10.0
11.0	5.0	4.2		4.8	4.0		4.8	4.0		4.5			4.8			11.0
12.0	4.8	4.0		4.6	3.9		4.6	4.0		4.4	3.9		4.6			12.0
14.0	4.6	3.9	3.5	4.4	3.8	3.4	4.5	3.9		4.2	3.8		4.5	3.9		14.0
16.0	4.4	3.8	3.4	4.3	3.7	3.3	4.3	3.8	3.4	4.1	3.7	3.3	4.4	3.8	3.3	16.0
18.0	4.2	3.7	3.3	4.1	3.6	3.3	4.2	3.7	3.3	4.0	3.6	3.3	4.2	3.7	3.3	18.0
20.0	4.0	3.6	3.3	4.0	3.5	3.2	4.0	3.6	3.3	3.9	3.5	3.2	4.1	3.6	3.2	20.0
22.0	3.9	3.5	3.2	3.8	3.5	3.2	3.9	3.5	3.2	3.8	3.5	3.2	4.0	3.6	3.2	22.0
24.0	3.8	3.4	3.2	3.7	3.4	3.2	3.8	3.4	3.2	3.7	3.4	3.2	3.9	3.5	3.2	24.0
26.0	3.6	3.4	3.2	3.6	3.3	3.2	3.7	3.4	3.2	3.7	3.3	3.2	3.8	3.4	3.2	26.0
28.0	3.5	3.3	3.2	3.4	3.3	3.2	3.6	3.3	3.2	3.6	3.3	3.2	3.7	3.4	3.2	28.0
30.0	3.3	3.3	3.2	3.3	3.3	3.2	3.5	3.3	3.2	3.5	3.3	3.1	3.6	3.3	3.1	30.0
32.0	3.1	3.2	3.2	3.2	3.2	3.2	3.4	3.3	3.2	3.4	3.2	3.1	3.5	3.3	3.1	32.0
34.0	3.0	3.2	3.2	3.0	3.2	3.2	3.3	3.2	3.2	3.3	3.2	3.1	3.4	3.2	3.1	34.0
36.0	2.8	3.1	3.2	2.9	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.3	3.2	3.1	36.0
38.0	2.7	3.0	3.1	2.8	3.1	3.1	3.0	3.1	3.2	3.1	3.1	3.1	3.2	3.2	3.1	38.0
40.0	2.6	2.8	3.1	2.7	2.9	2.8	2.9	3.0	3.1	3.0	3.0	3.1	3.1	3.2	3.1	40.0
42.0	2.5	2.6		2.5	2.6	2.5	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.1	3.1	42.0
44.0				2.1	2.2	2.2	2.7	2.5	2.7	2.7	2.7	2.8	2.9	2.9	2.9	44.0
46.0				1.7	1.8	1.9	2.4	2.3	2.4	2.5	2.5	2.6	2.6	2.6	2.6	46.0
48.0				1.3	1.4		2.1	2.1	2.2	2.2	2.3	2.4	2.4	2.4	2.4	48.0
50.0							1.8	1.9	2.0	2.0	2.0	2.1	2.0	2.2	2.2	50.0
52.0							1.5	1.7		1.8	1.8	1.9	1.7	1.9	2.0	52.0
54.0										1.5	1.6	1.7	1.4	1.6	1.7	54.0
56.0										1.3	1.3		1.1	1.3	1.3	56.0
58.0													0.9	1.0	1.0	58.0
60.0													0.7	0.7		60.0
62.0																62.0
64.0																64.0
66.0																66.0
BoomII		46			46			92			92			92		BoomII
BoomIII		46			46			46			92			92		BoomIII
BoomIV		46			46			46			46			92		BoomIV
BoomV		46			46			46			46			46		BoomV
BoomVI		46			46			46			46			46		BoomVI
BoomVII		0			46			46			46			46		BoomVII

Load Chart - Fixed Jib

Unit: t

Outriggers fully extended with counterweight 36.5T, jib length of 15.5m

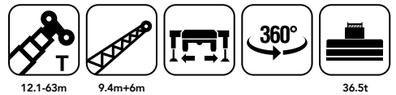


Radius (m)	51.3			55.2			58.9			63.0			Radius (m)
	15.5			15.5			15.5			15.5			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	
6.0													6.0
6.5													6.5
7.0													7.0
8.0													8.0
9.0													9.0
10.0	3.9			3.9									10.0
11.0	3.8			3.8			3.9						11.0
12.0	3.8			3.8			3.8			3.5			12.0
14.0	3.8	3.7		3.7	3.5		3.8			3.5			14.0
16.0	3.7	3.6		3.7	3.4		3.7	3.5		3.4	3.2		16.0
18.0	3.6	3.6	3.2	3.6	3.4	3.1	3.7	3.4	3.2	3.4	3.2		18.0
20.0	3.6	3.5	3.2	3.6	3.3	3.1	3.6	3.4	3.1	3.4	3.2	3.1	20.0
22.0	3.5	3.5	3.2	3.5	3.3	3.1	3.6	3.4	3.1	3.4	3.2	3.1	22.0
24.0	3.5	3.4	3.2	3.5	3.3	3.1	3.5	3.3	3.1	3.3	3.1	3.1	24.0
26.0	3.4	3.3	3.1	3.4	3.2	3.1	3.5	3.3	3.1	3.3	3.1	3.1	26.0
28.0	3.4	3.3	3.1	3.4	3.2	3.1	3.4	3.2	3.1	3.2	3.1	3.1	28.0
30.0	3.3	3.3	3.1	3.3	3.2	3.1	3.4	3.2	3.1	3.2	3.1	3.1	30.0
32.0	3.3	3.2	3.1	3.3	3.1	3.1	3.3	3.2	3.1	3.2	3.1	3.1	32.0
34.0	3.3	3.2	3.1	3.3	3.1	3.1	3.3	3.2	3.1	3.1	3.0	3.1	34.0
36.0	3.2	3.2	3.1	3.2	3.1	3.1	3.3	3.1	3.1	3.1	3.0	3.1	36.0
38.0	3.1	3.2	3.1	3.1	3.0	3.0	3.2	3.1	3.1	3.0	3.0	3.0	38.0
40.0	3.0	3.1	3.1	3.0	2.9	2.9	3.1	3.1	3.1	3.0	2.9	3.0	40.0
42.0	2.8	3.1	3.1	2.8	2.8	2.7	3.0	3.0	3.1	2.8	2.8	2.9	42.0
44.0	2.7	2.8	2.8	2.6	2.6	2.6	2.9	2.9	2.9	2.6	2.6	2.7	44.0
46.0	2.5	2.5	2.6	2.4	2.4	2.4	2.6	2.7	2.8	2.4	2.4	2.4	46.0
48.0	2.2	2.3	2.3	2.1	2.2	2.2	2.4	2.5	2.6	2.2	2.2	2.3	48.0
50.0	2.0	2.0	2.1	1.9	2.0	2.0	2.1	2.3	2.4	2.0	2.1	2.1	50.0
52.0	1.7	1.8	1.9	1.7	1.8	1.8	2.0	2.0	2.1	1.7	1.9	1.9	52.0
54.0	1.4	1.6	1.7	1.5	1.6	1.6	1.7	1.9	1.9	1.6	1.6	1.8	54.0
56.0	1.2	1.3	1.4	1.2	1.4	1.4	1.4	1.6	1.7	1.3	1.5	1.5	56.0
58.0	0.9	1.1	1.1	1.0	1.2	1.2	1.1	1.3	1.5	1.1	1.3	1.4	58.0
60.0	0.7	0.8	0.8	0.8	0.9	1.0	0.9	1.1	1.2	0.8	1.0	1.2	60.0
62.0	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.9	0.6	0.8	0.9	62.0
64.0						0.5	0.5	0.6	0.7		0.6	0.7	64.0
66.0									0.5			0.4	66.0
BoomII		92			92			92			100		BoomII
BoomIII		92			92			92			100		BoomIII
BoomIV		92			92			92			100		BoomIV
BoomV		92			92			92			100		BoomV
BoomVI		46			92			92			100		BoomVI
BoomVII		46			46			92			100		BoomVII

Load Chart - Fixed Jib

Unit: t

Outriggers fully extended with counterweight 36.5T, jib length of 9.4m+6m



Radius (m)	47.4			51.3			55.2			58.9			63.0			Radius (m)
	9.4+6			9.4+6			9.4+6			9.4+6			9.4+6			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	
9.0	6.0															9.0
10.0	6.0			5.3			4.5									10.0
11.0	6.0			5.3			4.5			4.6						11.0
12.0	6.0			5.3			4.5			4.6			3.9			12.0
14.0	5.9	5.7		5.3	5.3		4.5	4.5		4.6			3.9			14.0
16.0	5.8	5.5	5.1	5.3	5.2		4.5	4.5		4.6	4.6		3.9	3.9		16.0
18.0	5.6	5.2	4.9	5.2	5.0	4.7	4.5	4.5	4.3	4.6	4.6	4.4	3.9	3.9		18.0
20.0	5.4	4.9	4.7	5.1	4.8	4.5	4.5	4.3	4.2	4.6	4.5	4.3	3.9	3.9	3.8	20.0
22.0	5.1	4.7	4.4	4.9	4.6	4.3	4.4	4.2	4.1	4.5	4.4	4.2	3.9	3.9	3.8	22.0
24.0	4.9	4.5	4.3	4.7	4.4	4.2	4.3	4.1	3.9	4.4	4.2	4.1	3.8	3.8	3.8	24.0
26.0	4.6	4.3	4.1	4.5	4.2	4.0	4.1	3.9	3.8	4.3	4.1	3.9	3.8	3.7	3.7	26.0
28.0	4.4	4.1	3.9	4.3	4.1	3.9	3.9	3.8	3.7	4.2	3.9	3.8	3.7	3.6	3.6	28.0
30.0	4.1	3.9	3.8	4.1	3.9	3.8	3.8	3.7	3.6	4.0	3.8	3.7	3.6	3.5	3.5	30.0
32.0	3.9	3.8	3.7	3.9	3.8	3.7	3.6	3.5	3.5	3.8	3.7	3.6	3.5	3.4	3.4	32.0
34.0	3.7	3.7	3.6	3.7	3.7	3.6	3.5	3.4	3.4	3.7	3.6	3.5	3.3	3.3	3.3	34.0
36.0	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.3	3.3	3.5	3.5	3.4	3.2	3.2	3.2	36.0
38.0	3.2	3.3	3.3	3.3	3.3	3.3	3.1	3.1	3.1	3.3	3.4	3.3	3.0	3.0	3.0	38.0
40.0	2.9	3.0	3.1	3.0	3.0	3.0	2.8	2.8	2.8	3.1	3.1	3.1	2.7	2.8	2.8	40.0
42.0	2.7	2.7	2.8	2.7	2.7	2.7	2.5	2.5	2.5	2.8	2.9	2.9	2.4	2.5	2.6	42.0
44.0	2.4	2.4	2.6	2.4	2.5	2.5	2.3	2.3	2.3	2.5	2.7	2.7	2.2	2.3	2.3	44.0
46.0	2.2	2.2	2.3	2.1	2.2	2.2	2.0	2.0	2.0	2.3	2.4	2.5	2.0	2.1	2.1	46.0
48.0	1.9	1.9	2.0	1.9	1.9	2.0	1.8	1.8	1.8	2.0	2.2	2.2	1.8	1.9	1.9	48.0
50.0	1.7	1.7	1.8	1.7	1.7	1.7	1.6	1.6	1.7	1.8	1.9	2.0	1.6	1.7	1.8	50.0
52.0	1.4	1.5	1.6	1.4	1.5	1.5	1.4	1.4	1.4	1.5	1.7	1.8	1.4	1.5	1.6	52.0
54.0	1.1	1.3	1.4	1.1	1.3	1.3	1.1	1.2	1.3	1.2	1.5	1.6	1.2	1.3	1.4	54.0
56.0	0.8	1.0	1.0	0.8	1.0	1.1	0.9	1.0	1.1	0.9	1.3	1.4	1.1	1.1	1.2	56.0
58.0	0.6	0.7	0.7	0.6	0.7	0.8	0.7	0.9	0.9	0.7	1.0	1.2	0.8	1.0	1.1	58.0
60.0					0.5	0.5	0.5	0.6	0.7	0.5	0.8	0.9	0.6	0.7	0.9	60.0
62.0											0.5	0.6		0.5	0.6	62.0
BoomII		92			92			92			92			100		BoomII
BoomIII		92			92			92			92			100		BoomIII
BoomIV		92			92			92			92			100		BoomIV
BoomV		46			92			92			92			100		BoomV
BoomVI		46			46			92			92			100		BoomVI
BoomVII		46			46			46			92			100		BoomVII

Load Chart - Fixed Jib

Unit: t

Outriggers fully extended with counterweight 36.5T, jib length of 15.5m+6m

Radius (m)	47.4			51.3			55.2			58.9			63.0			Radius (m)
	15.5+6			15.5+6			15.5+6			15.5+6			15.5+6			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	
10.0	3.8															10.0
11.0	3.8			3.4			3.1									11.0
12.0	3.8			3.4			3.1			3.0						12.0
14.0	3.7			3.4			3.1			3.0			2.6			14.0
16.0	3.7	3.4		3.4	3.3		3.1			3.0			2.6			16.0
18.0	3.7	3.4		3.4	3.3		3.1	2.9		3.0	2.9		2.6	2.5		18.0
20.0	3.6	3.4	3.1	3.4	3.3		3.1	2.9		3.0	2.9		2.6	2.5		20.0
22.0	3.5	3.4	3.1	3.4	3.3	2.9	3.0	2.9	2.7	3.0	2.9	2.7	2.6	2.5		22.0
24.0	3.5	3.2	3.1	3.3	3.2	2.9	3.0	2.9	2.7	3.0	2.9	2.7	2.6	2.5	2.4	24.0
26.0	3.4	3.1	3.0	3.3	3.1	2.9	3.0	2.9	2.7	3.0	2.9	2.7	2.6	2.5	2.4	26.0
28.0	3.2	3.0	2.9	3.2	3.0	2.8	2.9	2.8	2.7	3.0	2.9	2.7	2.6	2.5	2.4	28.0
30.0	3.1	2.9	2.8	3.1	2.9	2.8	2.9	2.7	2.6	2.9	2.8	2.6	2.6	2.5	2.4	30.0
32.0	3.0	2.8	2.7	3.0	2.8	2.7	2.8	2.6	2.5	2.9	2.7	2.6	2.6	2.5	2.4	32.0
34.0	2.9	2.7	2.6	2.9	2.7	2.6	2.7	2.5	2.5	2.8	2.6	2.5	2.5	2.4	2.4	34.0
36.0	2.8	2.6	2.5	2.8	2.6	2.5	2.6	2.5	2.4	2.7	2.6	2.5	2.5	2.4	2.3	36.0
38.0	2.7	2.5	2.5	2.7	2.5	2.5	2.5	2.4	2.3	2.6	2.5	2.4	2.4	2.3	2.3	38.0
40.0	2.6	2.4	2.4	2.6	2.4	2.4	2.5	2.3	2.3	2.6	2.4	2.4	2.4	2.3	2.2	40.0
42.0	2.5	2.4	2.3	2.5	2.4	2.3	2.4	2.3	2.2	2.5	2.3	2.3	2.3	2.2	2.2	42.0
44.0	2.4	2.3	2.3	2.4	2.3	2.3	2.3	2.2	2.2	2.4	2.3	2.3	2.3	2.2	2.1	44.0
46.0	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.3	2.2	2.2	2.1	2.1	2.1	46.0
48.0	1.9	2.2	2.2	1.9	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	1.9	2.0	2.0	48.0
50.0	1.7	1.9	2.0	1.7	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	1.8	1.8	1.9	50.0
52.0	1.6	1.8	1.8	1.5	1.7	1.7	1.7	1.9	1.9	1.8	2.0	2.1	1.6	1.7	1.7	52.0
54.0	1.4	1.6	1.6	1.4	1.5	1.5	1.6	1.7	1.8	1.6	1.8	1.9	1.4	1.5	1.6	54.0
56.0	1.2	1.4	1.4	1.2	1.3	1.3	1.4	1.5	1.6	1.4	1.6	1.7	1.2	1.4	1.5	56.0
58.0	1.0	1.2	1.3	1.0	1.1	1.2	1.1	1.3	1.4	1.2	1.4	1.5	1.1	1.2	1.3	58.0
60.0	0.9	1.0	1.1	0.8	1.0	1.0	0.9	1.2	1.2	1.0	1.2	1.3	0.9	1.0	1.2	60.0
62.0	0.7	0.8	0.9	0.6	0.8	0.9	0.7	0.9	1.0	0.8	1.0	1.2	0.7	0.9	1.0	62.0
64.0	0.5	0.6	0.6		0.6	0.7	0.5	0.7	0.8	0.6	0.8	1.0	0.5	0.7	0.9	64.0
66.0								0.5	0.6		0.6	0.7		0.5	0.7	66.0
68.0												0.5			0.5	68.0
BoomII	92			92			92			92			100			BoomII
BoomIII	92			92			92			92			100			BoomIII
BoomIV	92			92			92			92			100			BoomIV
BoomV	46			92			92			92			100			BoomV
BoomVI	46			46			92			92			100			BoomVI
BoomVII	46			46			46			92			100			BoomVII

Load Chart - Fixed Jib

Unit: t

Outriggers fully extended with counterweight 36.5T, jib length of 9.4m+12m

Radius (m)	47.4			51.3			55.2			58.9			63.0			Radius (m)
	9.4+12			9.4+12			9.4+12			9.4+12			9.4+12			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	
10.0	4.0															10.0
11.0	4.0			3.6			3.1									11.0
12.0	4.0			3.6			3.1			3.1						12.0
14.0	4.0			3.6			3.1			3.1						14.0
16.0	4.0	3.9		3.6	3.6		3.1			3.1			2.7			16.0
18.0	3.9	3.9		3.5	3.6		3.1	3.1		3.1	3.1		2.7			18.0
20.0	3.9	3.8	3.7	3.5	3.6		3.1	3.1		3.1	3.1		2.7	2.7		20.0
22.0	3.8	3.6	3.5	3.4	3.5	3.4	3.1	3.1	3.1	3.1	3.1	3.1	2.7	2.7		22.0
24.0	3.6	3.5	3.4	3.3	3.4	3.3	3.1	3.1	3.0	3.1	3.1	3.1	2.7	2.7	2.7	24.0
26.0	3.5	3.3	3.2	3.2	3.2	3.1	3.0	3.0	2.9	3.1	3.1	3.0	2.7	2.7	2.7	26.0
28.0	3.3	3.2	3.1	3.1	3.1	3.0	2.9	2.9	2.8	3.0	3.0	2.9	2.7	2.7	2.7	28.0
30.0	3.2	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.7	3.0	2.9	2.8	2.6	2.6	2.6	30.0
32.0	3.0	2.9	2.8	2.9	2.9	2.8	2.8	2.7	2.6	2.9	2.8	2.7	2.6	2.6	2.5	32.0
34.0	2.9	2.8	2.7	2.8	2.7	2.7	2.7	2.6	2.5	2.8	2.7	2.6	2.6	2.5	2.5	34.0
36.0	2.8	2.7	2.6	2.7	2.6	2.6	2.6	2.5	2.4	2.7	2.6	2.5	2.5	2.4	2.4	36.0
38.0	2.6	2.6	2.5	2.6	2.5	2.5	2.5	2.4	2.4	2.6	2.5	2.5	2.4	2.3	2.3	38.0
40.0	2.5	2.5	2.4	2.5	2.5	2.4	2.4	2.3	2.3	2.5	2.4	2.4	2.3	2.3	2.2	40.0
42.0	2.5	2.4	2.3	2.3	2.4	2.3	2.3	2.2	2.2	2.4	2.3	2.3	2.2	2.2	2.2	42.0
44.0	2.2	2.3	2.3	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.2	2.0	2.1	2.1	44.0
46.0	1.9	2.1	2.1	1.8	2.0	2.0	1.9	2.1	2.1	2.1	2.2	2.2	1.8	1.9	2.0	46.0
48.0	1.7	1.8	1.9	1.6	1.8	1.8	1.7	1.9	2.0	1.9	2.0	2.1	1.6	1.7	1.8	48.0
50.0	1.5	1.6	1.7	1.4	1.5	1.6	1.6	1.7	1.8	1.7	1.8	1.9	1.4	1.5	1.6	50.0
52.0	1.3	1.4	1.4	1.2	1.3	1.4	1.3	1.5	1.6	1.5	1.6	1.7	1.3	1.4	1.4	52.0
54.0	1.1	1.2	1.3	1.0	1.1	1.2	1.2	1.3	1.4	1.3	1.4	1.5	1.1	1.2	1.3	54.0
56.0	0.9	1.1	1.1	0.8	1.0	1.0	1.0	1.1	1.2	1.1	1.2	1.3	0.9	1.1	1.1	56.0
58.0	0.8	0.9	0.9	0.7	0.8	0.9	0.8	1.0	1.0	0.9	1.0	1.2	0.8	0.9	1.0	58.0
60.0	0.6	0.7	0.7	0.5	0.6	0.7	0.6	0.8	0.9	0.7	0.9	1.0	0.6	0.7	0.8	60.0
62.0		0.5	0.5		0.5	0.5		0.6	0.7	0.5	0.7	0.8		0.6	0.6	62.0
64.0									0.5			0.7			0.5	64.0
BoomII	92			92			92			92			100			BoomII
BoomIII	92			92			92			92			100			BoomIII
BoomIV	92			92			92			92			100			BoomIV
BoomV	46			92			92			92			100			BoomV
BoomVI	46			46			92			92			100			BoomVI
BoomVII	46			46			46			92			100			BoomVII

Load Chart - Fixed Jib

Unit: t

Radius (m)	47.4			51.3			55.2			58.9			63.0			Radius (m)
	15.5+12			15.5+12			15.5+12			15.5+12			15.5+12			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	
11.0	2.7															11.0
12.0	2.7			2.4			2.1									12.0
14.0	2.7			2.4			2.1			2.1			1.8			14.0
16.0	2.7			2.4			2.1			2.1			1.8			16.0
18.0	2.7	2.7		2.4	2.4		2.1			2.1			1.8			18.0
20.0	2.7	2.7		2.4	2.4		2.1	2.1		2.1	2.1		1.8	1.8		20.0
22.0	2.7	2.7		2.4	2.4		2.1	2.1		2.1	2.1		1.8	1.8		22.0
24.0	2.6	2.6	2.5	2.4	2.4	2.2	2.1	2.1		2.1	2.1		1.8	1.8		24.0
26.0	2.6	2.5	2.5	2.3	2.4	2.2	2.1	2.1	2.0	2.1	2.1	2.0	1.8	1.8	1.8	26.0
28.0	2.5	2.4	2.4	2.3	2.3	2.2	2.0	2.1	2.0	2.1	2.1	2.0	1.8	1.8	1.8	28.0
30.0	2.5	2.3	2.3	2.3	2.2	2.2	2.0	2.1	2.0	2.0	2.1	2.0	1.8	1.8	1.8	30.0
32.0	2.4	2.2	2.2	2.3	2.1	2.1	2.0	2.0	2.0	2.0	2.1	2.0	1.8	1.8	1.8	32.0
34.0	2.3	2.1	2.1	2.2	2.0	2.1	2.0	2.0	1.9	2.0	2.0	1.9	1.8	1.8	1.8	34.0
36.0	2.2	2.1	2.0	2.1	1.9	2.0	1.9	1.9	1.9	2.0	2.0	1.9	1.8	1.8	1.8	36.0
38.0	2.1	2.0	1.9	2.0	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.8	1.7	1.7	1.7	38.0
40.0	2.0	1.9	1.9	2.0	1.8	1.8	1.8	1.8	1.7	1.9	1.8	1.8	1.7	1.7	1.7	40.0
42.0	1.9	1.8	1.8	1.9	1.7	1.8	1.8	1.7	1.7	1.8	1.8	1.7	1.7	1.6	1.6	42.0
44.0	1.8	1.7	1.7	1.8	1.7	1.7	1.7	1.6	1.6	1.8	1.7	1.6	1.6	1.6	1.6	44.0
46.0	1.7	1.7	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.5	1.5	46.0
48.0	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	48.0
50.0	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4	50.0
52.0	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4	52.0
54.0	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.3	1.3	1.3	54.0
56.0	1.1	1.2	1.3	1.2	1.4	1.4	1.2	1.3	1.3	1.3	1.4	1.3	1.1	1.2	1.3	56.0
58.0	1.0	1.1	1.1	1.1	1.2	1.3	1.0	1.2	1.3	1.1	1.3	1.3	0.9	1.1	1.2	58.0
60.0	0.8	1.0	1.0	0.9	1.0	1.2	0.9	1.1	1.2	1.0	1.2	1.2	0.8	1.0	1.0	60.0
62.0	0.7	0.8	0.9	0.7	0.9	1.0	0.7	0.9	1.0	0.9	1.0	1.1	0.7	0.8	0.9	62.0
64.0	0.5	0.7	0.7	0.5	0.8	0.9	0.6	0.8	0.8	0.7	0.8	1.0	0.5	0.7	0.8	64.0
66.0		0.5	0.6		0.6	0.7		0.6	0.7	0.5	0.7	0.8		0.5	0.7	66.0
68.0						0.5		0.5	0.6		0.5	0.7			0.5	68.0
70.0												0.5				70.0
BoomII	92			92			92			92			100			BoomII
BoomIII	92			92			92			92			100			BoomIII
BoomIV	92			92			92			92			100			BoomIV
BoomV	46			92			92			92			100			BoomV
BoomVI	46			46			92			92			100			BoomVI
BoomVII	46			46			46			92			100			BoomVII

Sany Automobile Hoisting Machinery Co., Ltd.

No.168, Jinzhou Avenue, Jinzhou Development Zone, Changsha, Hunan, China
Postcode 410600
Tel +86 731-8787 3131 Fax +86 731-8403 1999-196
Service 400 887 8318 Consulting 400 887 9318
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