

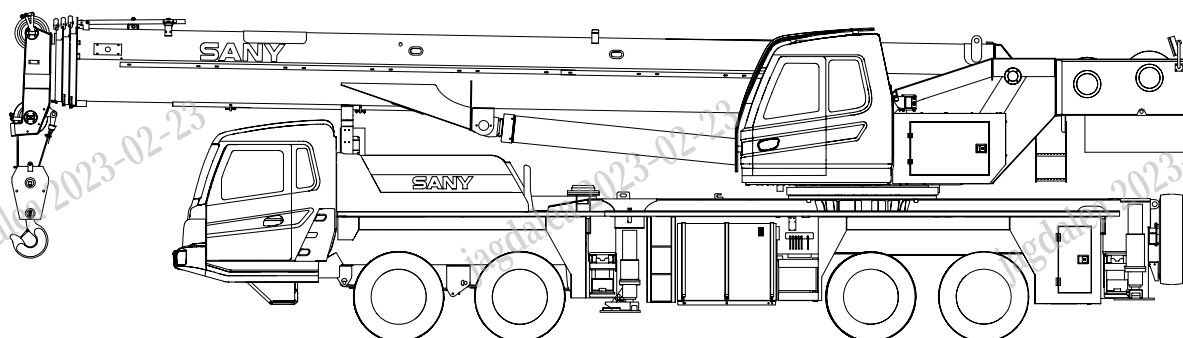


SANY

Quality Changes the World

Load Charts Manual

STC1600T7 Truck Crane





LOAD CHARTS MANUAL

General Notes and Warnings	1
General	1
Setup	1
Operation	1
Definitions	2
Counterweight Combinations	3
Counterweight	4
Counterweight	5
Wind Speed Restrictions	5
Working Range Diagram	6
Load Charts, Main Boom	9
Outrigger 100% Extended, Counterweight Forward 52T	9
Outrigger 100% Extended, Counterweight Forward 42.3T	12
Outrigger 100% Extended, Counterweight Forward 41T	15
Outrigger 100% Extended, Counterweight Forward 31.3T	18
Outrigger 100% Extended, Counterweight Forward 31T	21
Outrigger 100% Extended, Counterweight Forward 27T	24
Outrigger 100% Extended, Counterweight Forward 23T	27
Outrigger 100% Extended, Counterweight Forward 21.3T	30
Outrigger 100% Extended, Counterweight Forward 17.3T	33
Outrigger 100% Extended, Counterweight Forward 13.3T	36
Outrigger 100% Extended, Counterweight Forward 11T	39
Outrigger 100% Extended, Counterweight Forward 1.3T	42
Outrigger 50% Extended, Counterweight Forward 23T	45
Outrigger 50% Extended, Counterweight Forward 21.3T	48
Outrigger 50% Extended, Counterweight Forward 17.3T	51
Outrigger 50% Extended, Counterweight Forward 13.3T	54
Outrigger 50% Extended, Counterweight Forward 11T	57
Outrigger 50% Extended, Counterweight Forward 1.3T	60
Outrigger 100% Extended, Counterweight in Middle Position 52T	63

Outrigger 100% Extended, Counterweight in Middle Position 41T	66
Outrigger 100% Extended, Counterweight in Middle Position 31T	69
Outrigger 100% Extended, Counterweight in Middle Position 27T	72
Outrigger 100% Extended, Counterweight in Middle Position 23T	75
Outrigger 50% Extended, Counterweight in Middle Position 23T	78
Outrigger 100% Extended, Counterweight Backward 52T	81
Outrigger 100% Extended, Counterweight Backward 42.3T	84
Outrigger 100% Extended, Counterweight Backward 41T	87
Outrigger 100% Extended, Counterweight Backward 31.3T	90
Outrigger 100% Extended, Counterweight Backward 21.3T	93
Outrigger 100% Extended, Counterweight Backward 17.3T	96
Outrigger 100% Extended, Counterweight Backward 13.3T	99
Outrigger 50% Extended, Counterweight Backward 21.3T	102
Outrigger 50% Extended, Counterweight Backward 17.3T	105
Outrigger 50% Extended, Counterweight Backward 13.3T	108
Load Charts, SWINGAWAY BOOM.....	111
Outrigger 100% Extended, Counterweight Forward 52T	111
Outrigger 100% Extended, Counterweight Forward 42.3T	112
Outrigger 100% Extended, Counterweight Forward 41T	113
Outrigger 100% Extended, Counterweight Forward 31.3T	114
Outrigger 100% Extended, Counterweight Forward 31T	115
Outrigger 100% Extended, Counterweight Forward 27T	116
Outrigger 100% Extended, Counterweight Forward 23T	117
Outrigger 100% Extended, Counterweight Forward 21.3T	118
Outrigger 100% Extended, Counterweight Forward 17.3T	119
Outrigger 100% Extended, Counterweight Forward 13.3T	120
Outrigger 100% Extended, Counterweight Forward 11T	121
Outrigger 100% Extended, Counterweight in Middle Position 52T	122
Outrigger 100% Extended, Counterweight in Middle Position 41T	123
Outrigger 100% Extended, Counterweight in Middle Position 31T	124
Outrigger 100% Extended, Counterweight in Middle Position 27T	125
Outrigger 100% Extended, Counterweight in Middle Position 23T	126
Outrigger 100% Extended, Counterweight Backward 52T	127
Outrigger 100% Extended, Counterweight Backward 42.3T	128
Outrigger 100% Extended, Counterweight Backward 41T	129
Outrigger 100% Extended, Counterweight Backward 31.3T	130
Outrigger 100% Extended, Counterweight Backward 21.3T	131
Outrigger 100% Extended, Counterweight Backward 17.3T	132
Outrigger 100% Extended, Counterweight Backward 13.3T	133

GENERAL NOTES AND WARNINGS

General

1. Rated loads as shown on lift chart pertain to this machine as originally manufactured and equipped. Modifications to the machine or use of optional equipment other than that specified can result in a reduction of capacity.
2. Construction equipment can be hazardous if improperly operated or maintained. Operation and maintenance of this machine shall be in compliance with the information in the Safety, Operation & Maintenance Manual supplied with this machine. If this manual is missing, order replacements from the manufacturer through the distributor.
3. The operator and other personnel associated with machine shall fully acquaint themselves with the latest standards for cranes.

Setup

1. The machine shall be level and on a firm supporting surface. Depending on the nature of the supporting surface, it may be necessary to have structural supports under the outrigger floats to spread the load to a larger bearing surface.
2. When outrigger use is intended, the outriggers shall be properly extended with tires raised off of the supporting surface before operating crane functions and lifting loads.
3. Do not travel with crane operation.

Operation

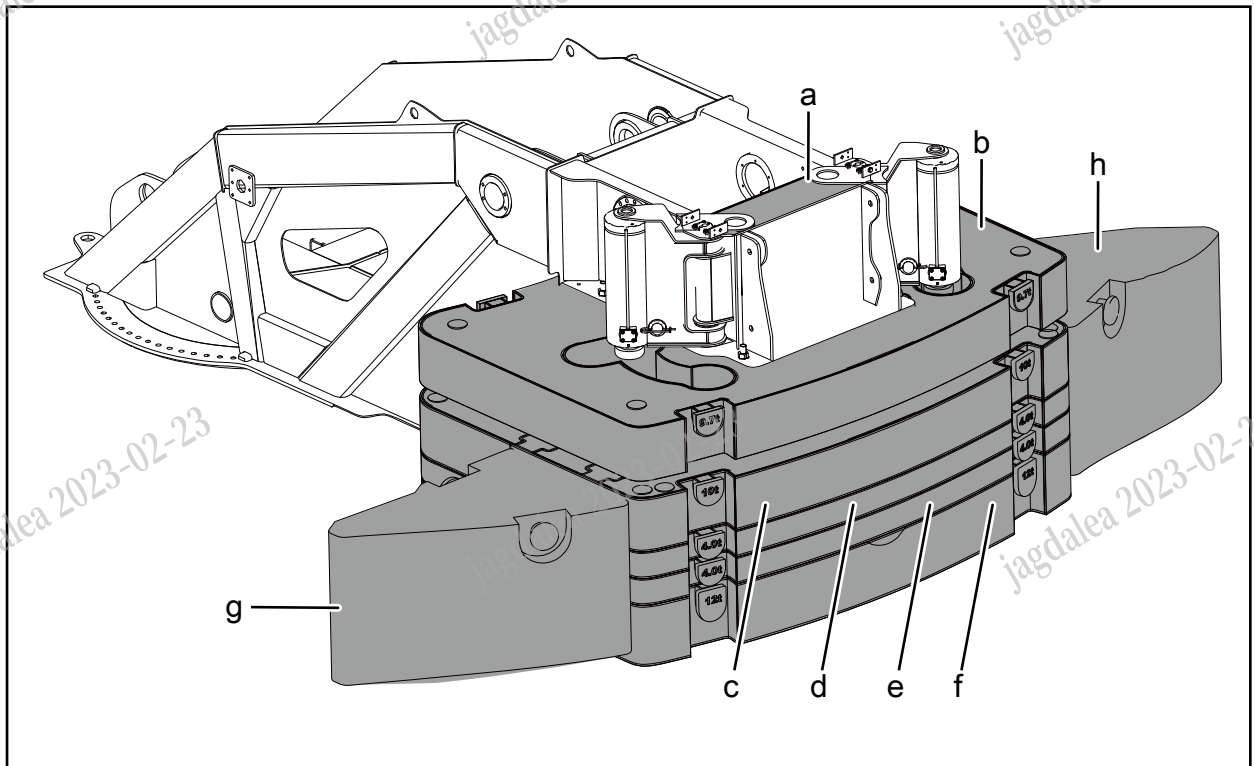
1. Rated loads at rated radius shall not be exceeded. Do not attempt to tip the machine to determine allowable loads.
2. All rated loads have been tested to and meet the EN13000 and GB/T 3811-2008 requirements. Capacities on outriggers correspond to (Test Load = $1.25P + 0.1F$). 0.1F represents one-tenth (0.10) of the total boom weight reduced to the boom head.
3. Rated loads include the weight of hook block, slings and auxiliary lifting devices and their weights shall be subtracted from the listed rating to obtain the actual load to be lifted. When more than the minimum required parts of line needed to pick the load are used, the additional rope weight as measured from the lower sheaves of the main boom nose shall be considered part of the load to be lifted. When both the hook block and headache ball are reeved, the lifting device that is NOT in use, including the line as measured from the lower sheave(s) of the nose supporting the unused device shall be considered part of the load.
4. Load ratings are based on freely suspended loads. No attempt shall be made to move a load horizontally on the ground in any direction.

5. Rated loads do not account for wind on lifted loads or boom. The maximum in-service wind speed is 32 km/h. It is recommended when wind velocity is above 32 km/h, rated loads and boom lengths shall be appropriately reduced. For machines not in-service, the main boom should be retracted and lowered with swing brake set in wind velocities over 48 km/h.
6. Rated loads are for lift crane service only.
7. Do not operate at a radius or boom length where capacities are not listed. At these positions, the machine may overturn without any load on the hook.
8. The maximum load which can be telescoped is not definable because of variations in loadings and crane maintenance, but it is safe to attempt retraction and extension of the boom if the rated capacity is not exceeded.
9. When the boom length or lift radius or both are between values listed, the smallest load shown at either the next larger radius or next longer or shorter boom length shall be used.
10. The user shall make due allowances for his particular job conditions, such as: soft or uneven ground, out of level conditions, high winds, side loads, pendulum action, jerking or sudden stopping of loads, experience of personnel, two machine (tandem) lifts, electric wires, obstacles, hazardous conditions, etc. Side pull on boom or jib is extremely dangerous.
11. No deduct is required from the main boom charts for a stowed boom extension.
12. Never handle personnel with this machine unless the requirements of the applicable national, state, and local regulations and safety codes are met.
13. Keep all load handling devices a minimum of 1m below boom head at all times.
14. The boom angle before loading should be greater than the loaded boom angle to account for deflection.
15. Do not lift loads when boom is fully lowered. The Load Moment Indicator (LMI) senses pressure in the lift cylinder and it will not sense a warning or lockout condition. The crane can be overloaded without warning if the lift cylinder is fully retracted.

Definitions

1. Load Radius: Horizontal distance from a projection of the axis of rotation to the supporting surface before loading to the center of the vertical hoist line or tackle with load applied.
2. Loaded Boom Angle: is the angle between the boom base section and the horizontal, after lifting the rated load at the rated radius with the rated boom length.
3. Freely Suspended Load: Load hanging free with no direct external force applied except by the hoist cable.
4. Side Load: Horizontal force applied to the lifted load either on the ground or in the air.
5. No Load Stability Limit: The stability limit is determined by the Min Boom Angle on the load charts manual. It is not permitted to lower the boom below the boom angles listed because the machine can overturn without any load on the hook.

Counterweight Combinations



a. Fixed counterweight— 1.3t

c. Movable counterweight 2 — 10t

e. Movable counterweight 4 — 4t

g. Left side counterweight 6—5.5t

b. Movable counterweight 1 — 9.7t

d. Movable counterweight 3 — 4t

f. Movable counterweight 5 — 12t

h. Right side counterweight 6 — 5.5t

Counterweight		
Total weight (t)	Combination	Weight of single piece (t)
1.3	Basic counterweight	1.3
11	Basic counterweight	1.3
	Moveable counterweight 1	9.7
13.3	Basic counterweight	1.3
	Moveable counterweight 5	12
17.3	Basic counterweight	1.3
	Moveable counterweight 4	4
	Moveable counterweight 5	12
21.3	Basic counterweight	1.3
	Moveable counterweight 3	4
	Moveable counterweight 4	4
	Moveable counterweight 5	12
23	Basic counterweight	1.3
	Moveable counterweight 1	9.7
	Moveable counterweight 5	12
27	Basic counterweight	1.3
	Moveable counterweight 1	9.7
	Moveable counterweight 4	4
	Moveable counterweight 5	12
31	Basic counterweight	1.3
	Moveable counterweight 1	9.7
	Moveable counterweight 3	4
	Moveable counterweight 4	4
	Moveable counterweight 5	12
31.3	Basic counterweight	1.3
	Moveable counterweight 2	10
	Moveable counterweight 3	4
	Moveable counterweight 4	4
	Moveable counterweight 5	12
41	Basic counterweight	1.3
	Moveable counterweight 1	9.7
	Moveable counterweight 2	10
	Moveable counterweight 3	4
	Moveable counterweight 4	4
	Moveable counterweight 5	12

Counterweight		
Total weight (t)	Combination	Weight of single piece (t)
42.3	Basic counterweight	1.3
	Moveable counterweight 2	10
	Moveable counterweight 3	4
	Moveable counterweight 4	4
	Moveable counterweight 5	12
	Moveable counterweight 6	11 (5.5 + 5.5)
52	Basic counterweight	1.3
	Moveable counterweight 1	9.7
	Moveable counterweight 2	10
	Moveable counterweight 3	4
	Moveable counterweight 4	4
	Moveable counterweight 5	12
	Moveable counterweight 6	11 (5.5 + 5.5)

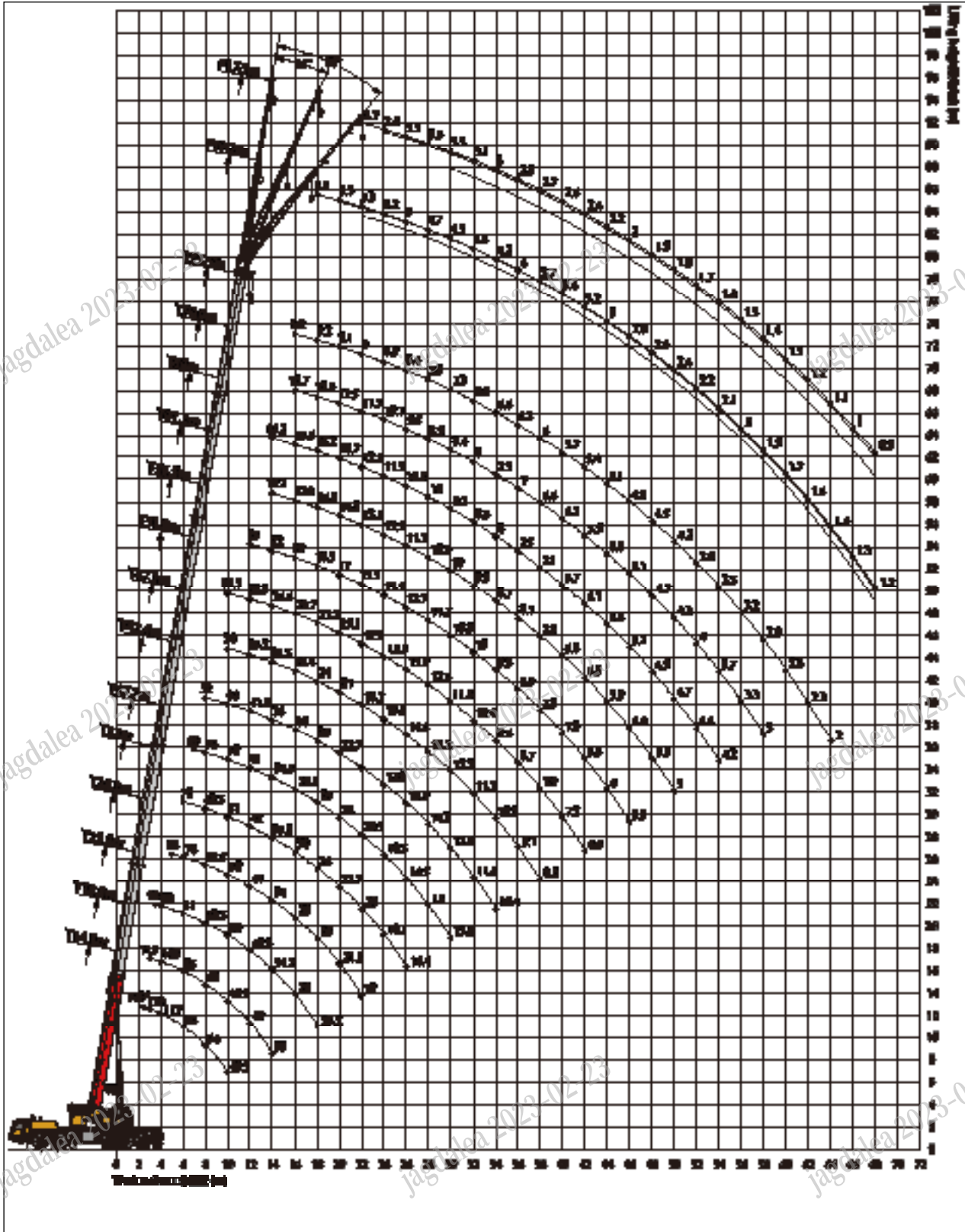
NOTE: All load handling devices and boom attachments are considered part of the load and suitable allowances **MUST BE MADE** for their combined weights. Weights listed are for Sany furnished equipment.

Wind Speed Restrictions	
If the wind speed is:	Rated lifted capacity must be reduced by at least:
0-32km/h	Normal lifting operations (see load chart)
33 km/h or greater	Jib operation must be shut down
33-47km/h	40%
48 km/h or greater	Crane operation must be shutdown and the boom retracted and lowered to horizontal
Additional reductions are required for loads with large wind sail area. These restrictions are based on crane on fully extended outriggers.	

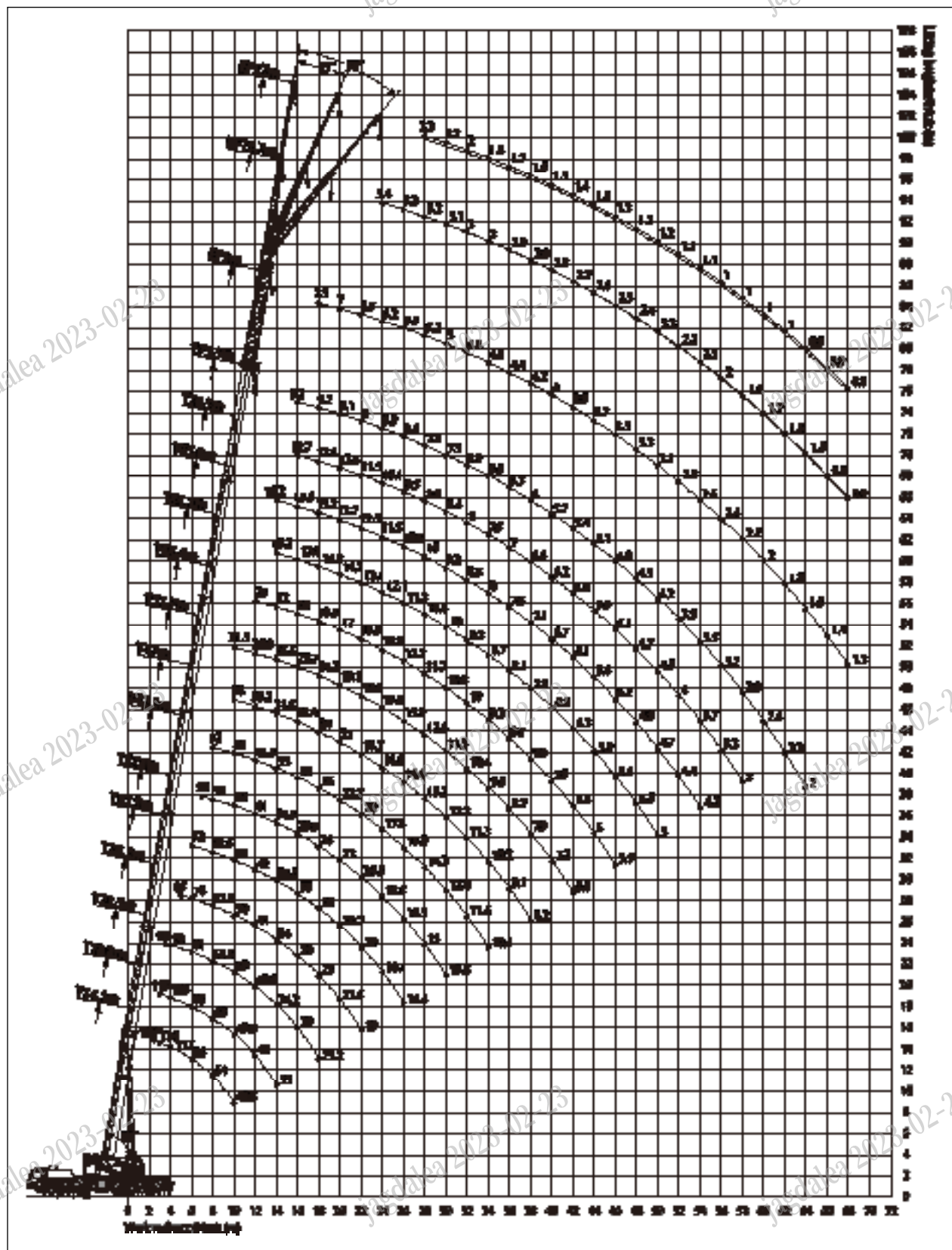
WARNING

Read and understand all safety precautions and instructions in SOM manual before reading this load charts manual. Failure to do this could result in death or serious injury.

WORKING RANGE DIAGRAM MAIN BOOM



SWINGAWAY BOOM EXTENSION



NOTE:

1. Load capacity in the chart is the maximum weight which this crane could hoist include the hook blocks' weight.
2. Radius shown in the chart is the actual radius when loading.
3. The maximum load capacity of auxiliary boom nose sheave is less than 2000 kg.
4. The load capacity from the main boom charts must be reduced 250kg for a erected boom extension.
5. The load capacity in this chart is the maximum weight when this crane is supported with the firm ground and stays in level.
6. Always support the center front stabilizer when operating the boom at 360 degree area.
In order to avoid damage of the driver's cab by accidents, do not lift the weights on the top of the driver's cab.
It is prohibited to operate the boom in front of the crane when the center front stabilizer is not extended.
7. Choose rated load capacity of the longer boom and radius when the actual boom length and radius are between two values in the charts.
8. The machine can be used only when the wind power is less than grade 6.

LOAD CHARTS, MAIN BOOM**Outrigger 100% Extended, Counterweight Forward 52T**

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 52T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	160													
3	130	115	96	48										
3.5	124	110	92	46	98	95	48	33.2						
4	114	106	88	44	98	93	46	31.5						
4.5	106	101	85	42	98	86	44	29.8						
5	97	96	82	40.5	93	82	42	28.1	85	80	47.5	25		
5.5	88.5	88.5	78	38.5	86	79	40	26.5	81.5	76.5	45.5	23.8		
6	81.5	81.5	73	37	79.5	75.5	37.5	25	78	73	43.5	22.4	72	70
6.5	75.5	75.5	68.5	35.5	73.5	72.5	35.5	23.5	73.5	69	41.5	21.2	72	67.5
7	70	70	64.5	34	68.5	70	33.5	22.2	69	65	40	20	69.5	65
7.5	65	65	60.5	32	64	66	32	21.3	64.5	62.5	38.2	19	65	62.5
8	60.5	60.5	57.5	30.5	60	62	30.5	20.5	60.5	59.8	36.2	18.1	61	60
9	53.2	53.2	51.5	27.5	52.5	54.5	27.5	18.8	53.3	53.7	32.5	16.4	54	54.5
10	47.5	47.2	46.5	25	47	48.5	25.5	17.4	47.2	48.5	29.5	14.9	48	49.2
12		38.2	38.5	22	39	39.5	21.5	14.8	38.3	39.5	24.8	12.6	39	40.2
14		31.6	32	19.5	33	33	19	13	31.8	33	21.5	11	32.5	33.7
16					28	28	17	11.5	26.8	28	19	9.7	27.5	28.7
18					24.5	24	15.5	10.5	23	24	17	8.7	23.5	24.7
20									19.8	21	15.5	7.9	20.3	21.5
22									17.2	18.3	14.4	7.3	17.8	19
24													15.5	16.8
26													13.8	15
28														
30														
32														
34														
36														
38														
40														
42														
44														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 52T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	59	54	41	31								
7.5	51	27.5	57.5	53	38.3	30								
8	49	26	56	52	36	29	52	36	32	25				
9	45	23.5	53.5	49.5	32	26.8	49	33	30	23.9	37	37	26.7	19.3
10	41.6	21.4	48.7	46.8	29	24.7	46	30.8	28	22.5	36	34	25	18.4
12	35.5	18	39.8	39.2	24.5	20.8	40	26	24.1	20	31.8	29.5	22.2	16.4
14	31	15.6	33.2	33.8	21.4	18.1	33.8	22.5	21.1	18	28.4	26	19.7	14.7
16	27.5	13.7	28.2	29	19	16.1	29	19.8	18.6	16	25.5	23.3	17.7	13.2
18	24.5	12.4	24.2	25.5	17	14.5	25	17.7	16.7	14.5	22	21	16.1	11.9
20	22	11.3	21	22.3	15.5	13.2	22	16	15.2	13.2	19.2	19.3	14.7	10.8
22	19.6	10.4	18.5	19.8	13.9	12.1	19.3	14.7	13.9	12.2	17	17.1	13.5	10
24	17.7	9.7	16.3	17.6	12.6	11	17.1	13.6	12.8	11.3	15.1	15.2	12.5	9.2
26	16	9.1	14.5	15.8	11.5	10	15.2	12.5	11.8	10.6	13.5	13.6	11.4	8.6
28			12.8	14.2	10.5	9.1	13.5	11.5	10.8	10	12.2	12.3	10.4	7.9
30			11.4	12.9	9.6	8.3	12	10.6	10	9.2	11.1	11.2	9.5	7.3
32							10.7	9.8	9.2	8.6	10	10.2	8.6	6.8
34							9.7	9.1	8.5	8	8.9	9.3	7.8	6.3
36											8	8.4	7	5.9
38											7.1	7.6	6.4	5.5
40									5.8	6.1	6.1	5.6	5	5
42									5.4	5.6	5.5	5	4.4	4.4
44										5.1	5	4.5	3.9	3.9
46										4.6	4.5	4	3.5	3.4
48											4.1	3.6	3.1	3
50											3.7	3.2	2.7	2.6
52												2.9	2.4	2.3
54												2.6	2.1	2
56													1.8	1.8
58													1.5	1.5
60														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 52T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	23.7	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	21.2	20	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	19.1	18	14.2	11.9	17	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	17.3	16.4	13.1	11	15.3	14.5	12.5	10.1	13.1	12.2	11.5	12.5	11.4	11.5	9
24	15.5	15.2	12.1	10.2	13.9	13.1	11.5	9.4	12.1	11.3	10.7	11.5	10.6	10.1	8.9
26	13.9	13.7	11.3	9.5	12.7	12	10.7	8.6	11.3	10.5	10	10.5	9.9	9.5	8.4
28	12.5	12.6	10.6	8.9	11.7	11.1	10	7.9	10.6	9.7	9.5	10	9.3	8.9	7.8
30	11	11.5	9.8	8.2	10.8	10.3	9.5	7.3	10	9	9	9.2	8.6	8.4	7.3
32	9.7	10.3	9.1	7.6	9.5	9.6	8.8	6.8	9.3	8.4	8.5	8.5	8	8	6.9
34	8.6	9.2	8.5	7.1	8.5	8.9	8.1	6.3	8.6	7.9	8	8	7.5	7.5	6.6
36	7.7	8.3	7.9	6.6	7.5	8.3	7.5	5.9	7.6	7.4	7.5	7.5	7	7	6.3
38	6.9	7.4	7.3	6.2	6.7	7.5	7.1	5.5	6.8	7	7.1	7	6.6	6.6	6
40	6.2	6.7	6.7	5.8	6	6.8	6.6	5.1	6.1	6.6	6.7	6.3	6.2	6.2	5.7
42	5.5	6.1	6.1	5.4	5.4	6.1	6.2	4.8	5.5	6.2	6.3	5.6	5.8	5.9	5.4
44					4.8	5.6	5.7	4.5	4.9	5.9	5.9	5	5.5	5.3	5.1
46					4.3	5.1	5.3	4.2	4.4	5.6	5.6	4.5	5.2	4.8	4.6
48									3.9	5.3	5.3	4.1	4.8	4.3	4.1
50									3.5	5	5	3.7	4.5	3.9	3.7
52												3.3	4.2	3.5	3.3
54												3	3.8	3.2	3
56														2.9	2.7
58														2.6	2.4
60															2.2
62															2
64															1.7
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Forward 42.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 42.3T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	150													
3	130	115	96	48										
3.5	122	110	92	46	98	95	48	33.2						
4	113	106	88	44	98	93	46	31.5						
4.5	102	100	85	42	97	86	44	29.8						
5	92	92.5	82	40.5	89	82	42	28.1	85	80	47.5	25		
5.5	84	84.5	78	38.5	81	79	40	26.5	81.5	76.5	45.5	23.8		
6	77.2	77.5	73	37	74.5	75.5	37.5	25	75.5	73	43.5	22.4	72	70
6.5	71.5	71.5	68.5	35.5	69	71.5	35.5	23.5	70	69	41.5	21.2	70	67.5
7	66.2	66	64.5	34	64.5	66.5	33.5	22.2	65	64.5	40	20	65.5	65
7.5	61.5	61.4	60.5	32	60.2	62	32	21.3	61	60.5	38.2	19	61.5	61.5
8	57.3	57.2	57	30.5	56.5	58	30.5	20.5	57	56.8	36.2	18.1	57.6	58
9	50.2	50.2	50.5	27.5	49.5	51.2	27.5	18.8	50	50.6	32.5	16.4	50.8	51.6
10	45	44.5	45.3	25	44.5	45.5	25.5	17.4	44.5	45.6	29.5	14.9	45	46.5
12		35.8	36.8	22	37	37	21.5	14.8	35.9	37	24.8	12.6	36.5	37.8
14		29.4	30.5	19.5	31.5	30.8	19	13	29.6	30.8	21.5	11	30	31.5
16					26.2	26	17	11.5	24.8	26	19	9.7	25	26.7
18					21.3	22	15.5	10.5	20.8	22.2	17	8.7	21.2	23
20									17.8	19.1	15.5	7.9	18.2	19.8
22									15.1	16.5	14.4	7.3	15.8	17.2
24													13.3	14.8
26													11.5	12.9
28														
30														
32														
34														
36														
38														
40														
42														
44														
Parts of line	22	16	13	11	9	8	7	6	5	4	3	3	2	2
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 42.3T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	59	54	41	31								
7.5	51	27.5	57.5	53	38.3	30								
8	49	26	56	52	36	29	52	36	32	25				
9	45	23.5	51	49.5	32	26.8	49	33	30	23.9	37	37	26.7	19.3
10	41.6	21.4	46	45	29	24.7	45.5	30.8	28	22.5	36	34	25	18.4
12	35.5	18	37.2	37.7	24.5	20.8	38	26	24.1	20	31.8	29.5	22.2	16.4
14	30.5	15.6	31	32.2	21.4	18.1	31.8	22.5	21.1	18	28.4	26	19.7	14.7
16	27	13.7	26.3	27.5	19	16.1	27	19.8	18.6	16	25.5	23.3	17.7	13.2
18	23.8	12.4	22.4	23.8	17	14.5	23.3	17.7	16.7	14.5	22	21	16.1	11.9
20	20.8	11.3	19.2	20.6	15.5	13.2	20	16	15.2	13.2	19.2	19.3	14.7	10.8
22	18.5	10.4	16.5	18	13.9	12.1	17.2	14.7	13.9	12.2	16.4	16.8	13.5	10
24	16.1	9.7	14.1	15.6	12.6	11	14.8	13.6	12.8	11.3	14.1	14.4	12.5	9.2
26	14.2	9.1	12.2	13.7	11.5	10	12.9	12.5	11.8	10.6	12.1	12.5	11.4	8.6
28			10.6	12.1	10.5	9.1	11.3	11.4	10.8	10	10.5	10.9	10.4	7.9
30			9.3	10.7	9.6	8.3	9.9	10	10	9.2	9.1	9.6	9.5	7.3
32							8.8	8.9	9.2	8.6	8	8.4	8.6	6.8
34							7.8	7.9	8.5	8	7	7.5	7.7	6.3
36											6.1	6.6	6.9	5.9
38											5.4	5.8	6.2	5.5
40														
42														
44														
46														
48														
50														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 42.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	23.5	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	21	20	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	18.8	18	14.2	11.9	17	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	16.2	16.4	13.1	11	15.3	14.5	12.5	10.1	13.1	12.2	11.5	12.5	11.4	11.5	9
24	13.8	14.4	12.1	10.2	13.8	13.1	11.5	9.4	12.1	11.3	10.7	11.5	10.6	10.1	8.9
26	11.8	12.5	11.3	9.5	11.8	12	10.7	8.6	11.3	10.5	10	10.5	9.9	9.5	8.4
28	10.2	10.9	10.6	8.9	10.2	10.9	10	7.9	10.4	9.7	9.5	10	9.3	8.9	7.8
30	8.9	9.5	9.8	8.2	8.8	9.5	9.5	7.3	9	9	9	9.2	8.6	8.4	7.3
32	7.7	8.3	8.9	7.6	7.7	8.4	8.8	6.8	7.9	8.4	8.5	8.1	8	8	6.9
34	6.7	7.3	7.9	7.1	6.7	7.4	8.1	6.3	6.9	7.9	8	7.1	7.5	7.3	6.6
36	5.9	6.5	7	6.6	5.8	6.6	7.5	5.9	6	7.4	7.5	6.2	7	6.4	6.3
38	5.1	5.7	6.3	6.2	5.1	5.8	6.8	5.5	5.2	6.6	6.8	5.4	6.3	5.7	5.6
40	4.5	5	5.7	5.8	4.4	5.2	6.1	5.1	4.6	6	6.1	4.7	5.6	5	5
42	3.9	4.5	5.1	5.4	3.8	4.6	5.6	4.8	4	5.4	5.5	4.1	5	4.4	4.4
44					3.3	4.1	5.1	4.5	3.5	4.9	5	3.6	4.5	3.9	3.9
46					2.8	3.6	4.6	4.2	3	4.4	4.5	3.1	4	3.5	3.4
48									2.6	4	4.1	2.7	3.6	3.1	3
50									2.2	3.6	3.7	2.3	3.2	2.7	2.6
52												2	2.9	2.4	2.3
54												1.7	2.6	2.1	2
56														1.8	1.8
58														1.5	1.5
60															
62															
64															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Forward 41T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 41T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	150													
3	130	115	96	48										
3.5	122	110	92	46	98	95	48	33.2						
4	111	106	88	44	98	93	46	31.5						
4.5	100	100	85	42	95	86	44	29.8						
5	91	91	82	40.5	88	82	42	28.1	85	80	47.5	25		
5.5	83	83	78	38.5	80.5	79	40	26.5	80	76.5	45.5	23.8		
6	76.5	76.5	73	37	74	75.5	37.5	25	74.5	73	43.5	22.4	72	70
6.5	70.8	71	68	35.5	68.5	70.5	35.5	23.5	69	69	41.5	21.2	69	67.5
7	65.7	65.5	63.5	34	63.8	65.8	33.5	22.2	64.5	65	40	20	65	64.5
7.5	61	61	59.5	32	59.6	61.6	32	21.3	60.5	61	38.2	19	61	61
8	57	56.8	56	30.5	56	57.8	30.5	20.5	56.5	57.5	36.2	18.1	57.3	57.3
9	50	49.8	50	27.5	49	51	27.5	18.8	49.7	50.5	32.5	16.4	50.5	51
10	44.5	44.2	45.2	25	44	45.2	25.5	17.4	44.2	45.3	29.5	14.9	45	46
12		35.5	36.8	22	36.5	36.8	21.5	14.8	35.5	36.8	24.8	12.6	36.5	37.6
14		29.2	30.5	19.5	31	30.5	19	13	29.3	30.5	21.5	11	30.2	31.5
16					25.6	25.8	17	11.5	24.5	25.8	19	9.7	25.2	26.5
18					20.8	22	15.5	10.5	20.8	21.8	17	8.7	21.5	22.5
20									17.5	18.8	15.5	7.9	18.2	19.2
22									14.7	16.1	14.4	7.3	15.3	16.6
24													13	14.4
26													11.2	12.6
28														
30														
32														
34														
36														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 41T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	59	54	41	31								
7.5	51	27.5	57.5	53	38.3	30								
8	49	26	56	52	36	29	52	36	32	25				
9	45	23.5	50.6	49	32	26.8	49	33	30	23.9	37	37	26.7	19.3
10	40.8	21.4	45.8	44.6	29	24.7	45.2	30.8	28	22.5	36	34	25	18.4
12	34.2	18	37.2	37.5	24.5	20.8	37.8	26	24.1	20	31.8	29.5	22.2	16.4
14	29.5	15.6	31	32	21.4	18.1	31.8	22.5	21.1	18	28.4	26	19.7	14.7
16	26	13.7	26	27.5	19	16.1	27	19.8	18.6	16	25.5	23.3	17.7	13.2
18	23	12.4	22.3	23.7	17	14.5	23	17.7	16.7	14.5	22	21	16.1	11.9
20	20	11.3	18.9	20.5	15.5	13.2	19.6	16	15.2	13.2	18.7	19.2	14.7	10.8
22	17.8	10.4	16	17.6	13.9	12.1	16.6	14.7	13.9	12.2	15.8	16.3	13.5	10
24	15.6	9.7	13.7	15.2	12.6	11	14.3	13.6	12.8	11.3	13.5	14	12.5	9.2
26	13.8	9.1	11.8	13.3	11.5	10	12.4	12.4	11.8	10.6	11.6	12.1	11.4	8.6
28			10.2	11.8	10.5	9.1	10.8	11.1	10.8	10	10	10.5	10.4	7.9
30			9	10.5	9.6	8.3	9.5	9.7	10	9.2	8.7	9.2	9.5	7.3
32							8.4	8.6	9.2	8.6	7.6	8.1	8.5	6.8
34							7.5	7.7	8.5	8	6.6	7.1	7.6	6.3
36											5.8	6.3	6.7	5.9
38											5.1	5.6	5.9	5.5
40														
42														
44														
46														
48														
50														
52														
54														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 41T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	23.5	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	21	20	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	18.5	18	14.2	11.9	17	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	15.6	16.2	13.1	11	15.3	14.5	12.5	10.1	13.1	12.2	11.5	12.5	11.4	11.5	9
24	13.3	14	12.1	10.2	13.4	13.1	11.5	9.4	12.1	11.3	10.7	11.5	10.6	10.1	8.9
26	11.4	12.1	11.3	9.5	11.5	12	10.7	8.6	11.3	10.5	10	10.5	9.9	9.5	8.4
28	9.8	10.6	10.6	8.9	10	10.7	10	7.9	10	9.7	9.5	10	9.3	8.9	7.8
30	8.4	9.2	9.7	8.2	8.6	9.3	9.5	7.3	8.7	9	9	9	8.6	8.4	7.3
32	7.3	8	8.6	7.6	7.4	8.2	8.8	6.8	7.5	8.4	8.5	7.9	8	8	6.9
34	6.3	7.1	7.6	7.1	6.5	7.2	8.1	6.3	6.5	7.9	8	6.9	7.5	7.3	6.6
36	5.5	6.2	6.8	6.6	5.6	6.3	7.4	5.9	5.6	7.2	7.2	6	6.7	6.4	6.3
38	4.8	5.5	6.1	6.2	4.8	5.6	6.7	5.5	4.9	6.5	6.5	5.2	6	5.7	5.5
40	4.2	4.9	5.4	5.8	4.2	5	6	5.1	4.2	5.8	5.8	4.5	5.3	5	4.9
42	3.6	4.3	4.8	5.4	3.6	4.4	5.5	4.8	3.7	5.3	5.2	3.9	4.8	4.4	4.3
44					3.1	3.9	5	4.5	3.2	4.8	4.7	3.4	4.2	3.7	3.8
46					2.6	3.4	4.5	4.2	2.8	4.3	4.2	3	3.8	3.2	3.3
48									2.4	3.9	3.8	2.6	3.4	2.8	2.9
50									2	3.5	3.5	2.2	3	2.4	2.5
52												1.9	2.7	2.1	2.2
54												1.6	2.4	1.8	1.9
56														1.6	1.6
58														1.3	1.3
60															
62															
64															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Forward 31.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31.3T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	150													
3	130	115	96	48										
3.5	121	110	92	46	98	95	48	33.2						
4	109	106	88	44	98	93	46	31.5						
4.5	97.5	97	85	42	94.2	86	44	29.8						
5	88.3	88	82	40.5	86.5	82	42	28.1	85	80	47.5	25		
5.5	79.8	80	78.5	38.5	79	78.5	40	26.5	79	76.5	45.5	23.8		
6	73	73	73	37	72	73	37.5	25	72.5	72.5	43.5	22.4	71.5	70
6.5	67	67.2	67.8	35.5	66.2	67.5	35.5	23.5	67	67.5	41.5	21.2	66.5	67.5
7	62	62	62.8	34	61.2	63	33.5	22.2	62	62.8	40	20	62	63.2
7.5	57.5	57.5	58.4	32	56.6	58.6	32	21.3	57.5	58.5	38.2	19	58	59.1
8	53.5	53.5	54.5	30.5	52.8	54.8	30.5	20.5	53.5	54.5	36.2	18.1	54	55.5
9	46.8	47	48	27.5	46	48.2	27.5	18.8	46.9	48	32.5	16.4	47.5	48.7
10	42	41.6	42.7	25	41.3	42.8	25.5	17.4	41.5	42.6	29.5	14.9	42.3	43.5
12		33.2	34.3	22	34.3	34.5	21.5	14.8	33.2	34.5	24.8	12.6	34	35.2
14		27	28	19.5	26.9	28.3	19	13	26.8	28.3	21.5	11	27.8	29
16					21	23.5	17	11.5	21.6	23	19	9.7	22.3	23.9
18					16.8	19.2	15.5	10.5	17.3	18.7	17	8.7	18	19.5
20									14.1	15.5	15.5	7.9	14.8	16.3
22									11.6	13	14.4	7.3	12.2	13.8
24													10.1	11.7
26													8.5	10
28														
30														
32														
34														
36														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31.3T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	59	54	41	31								
7.5	51	27.5	57.5	53	38.3	30								
8	49	26	54.5	52	36	29	52	36	32	25				
9	45	23.5	48.3	48.5	32	26.8	48.5	33	30	23.9	37	37	26.7	19.3
10	40.8	21.4	43	44	29	24.7	43.7	30.8	28	22.5	36	34	25	18.4
12	34.2	18	34.8	36	24.5	20.8	35.5	26	24.1	20	31.8	29.5	22.2	16.4
14	29	15.6	28.5	30	21.4	18.1	29.4	22.5	21.1	18	28.4	26	19.7	14.7
16	24.5	13.7	23.2	24.9	19	16.1	23.8	19.8	18.6	16	23.2	23.3	17.7	13.2
18	21	12.4	18.8	20.5	17	14.5	19.5	17.7	16.7	14.5	18.8	19.3	16.1	11.9
20	17.7	11.3	15.5	17.2	15.5	13.2	16.2	16	15.2	13.2	15.5	16	14.7	10.8
22	15.1	10.4	12.9	14.6	13.9	12.1	13.6	13.9	13.9	12.2	12.9	13.4	13.5	10
24	13	9.7	10.9	12.5	12.6	11	11.5	11.9	12.8	11.3	10.8	11.3	11.6	9.2
26	11.3	9.1	9.2	10.8	10.9	10	9.8	10.2	11.3	10.6	9.1	9.6	9.9	8.6
28			7.8	9.4	9.5	9.1	8.5	8.8	9.9	9.4	7.7	8.2	8.5	7.9
30			6.7	8.2	8.3	8.3	7.3	7.6	8.7	8.3	6.5	7	7.3	7.3
32							6.4	6.6	7.7	7.3	5.5	6	6.4	6.8
34							5.5	5.7	6.8	6.5	4.7	5.1	5.5	6.3
36											4	4.4	4.8	5.9
38											3.4	3.8	4.2	5.5
40														
42														
44														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	22.7	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	18.4	19.2	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	15.1	15.9	14.2	11.9	15.2	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	12.5	13.3	13.1	11	12.6	13.5	12.5	10.1	12.8	12.2	11.5	12.5	11.4	11.5	9
24	10.5	11.2	11.7	10.2	10.5	11.4	11.5	9.4	10.7	11.3	10.7	11.2	10.6	10.1	8.9
26	8.8	9.5	10	9.5	8.8	9.7	10.7	8.6	9	10.4	10	9.5	9.9	9.5	8.4
28	7.4	8.1	8.6	8.9	7.4	8.3	9.3	7.9	7.6	9	9	8.1	8.6	8.3	7.8
30	6.3	6.9	7.4	8.2	6.2	7.1	8.1	7.3	6.4	7.8	7.9	6.9	7.4	7.2	7.1
32	5.3	5.9	6.4	7.6	5.2	6.1	7.1	6.8	5.4	6.8	6.9	5.9	6.4	6.2	6.1
34	4.5	5	5.6	6.9	4.4	5.2	6.2	6.3	4.6	5.9	6	5	5.6	5.3	5.3
36	3.8	4.3	4.9	6.2	3.7	4.5	5.5	5.9	3.9	5.2	5.3	4.3	4.8	4.6	4.5
38	3.2	3.7	4.3	5.6	3.1	3.9	4.8	5.3	3.3	4.6	4.7	3.7	4.2	4	3.9
40	2.6	3.2	3.7	5	2.6	3.3	4.3	4.7	2.7	4	4.1	3.1	3.7	3.4	3.4
42	2.1	2.7	3.2	4.5	2.1	2.8	3.8	4.3	2.2	3.5	3.6	2.6	3.2	2.9	2.9
44					1.7	2.4	3.4	3.8	1.8	3.1	3.2	2.1	2.8	2.5	2.5
46						2	3	3.4	1.5	2.8	2.9	1.8	2.4	2.1	2.1
48										2.4	2.5	1.5	2.1	1.8	1.8
50										2.1	2.2		1.8	1.5	1.5
52													1.5		
54															
56															
58															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Forward 31T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	150													
3	130	115	96	48										
3.5	121	110	92	46	98	95	48	33.2						
4	109	106	88	44	98	93	46	31.5						
4.5	97.5	96.9	85	42	94.2	86	44	29.8						
5	88	87.5	82	40.5	86.5	82	42	28.1	85	80	47.5	25		
5.5	79.8	79.8	78.5	38.5	78.8	78.5	40	26.5	79	76.5	45.5	23.8		
6	73	73	73	37	72	73	37.5	25	72.5	72.5	43.5	22.4	71.5	70
6.5	67.1	67	67.8	35.5	66.2	67.5	35.5	23.5	66.8	67.5	41.5	21.2	66.5	67.5
7	62	61.9	62.8	34	61.1	62.9	33.5	22.2	61.9	62.8	40	20	62	63.2
7.5	57.5	57.5	58.4	32	56.6	58.6	32	21.3	57.4	58.5	38.2	19	57.9	59.1
8	53.5	53.5	54.5	30.5	52.7	54.8	30.5	20.5	53.5	54.5	36.2	18.1	54	55.5
9	46.8	46.9	48	27.5	46	48.2	27.5	18.8	46.9	48	32.5	16.4	47.5	48.7
10	42	41.5	42.5	25	41.3	42.8	25.5	17.4	41.5	42.6	29.5	14.9	42.3	43.5
12		33.2	34.1	22	34.3	34.5	21.5	14.8	33.2	34.4	24.8	12.6	34	35.2
14		27	28	19.5	26.8	28.3	19	13	26.8	28.3	21.5	11	27.8	29
16					20.9	23.4	17	11.5	21.4	23	19	9.7	22.2	23.7
18					16.7	19.1	15.5	10.5	17.2	18.7	17	8.7	17.9	19.4
20									14	15.5	15.5	7.9	14.7	16.1
22									11.4	12.9	14.4	7.3	12.1	13.6
24													10.1	11.6
26													8.4	9.9
28														
30														
32														
34														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	59	54	41	31								
7.5	51	27.5	57.5	53	38.3	30								
8	49	26	54.5	52	36	29	52	36	32	25				
9	45	23.5	48.3	48.5	32	26.8	48.5	33	30	23.9	37	37	26.7	19.3
10	40.8	21.4	43	44	29	24.7	43.7	30.8	28	22.5	36	34	25	18.4
12	34.2	18	34.8	36	24.5	20.8	35.5	26	24.1	20	31.8	29.5	22.2	16.4
14	29	15.6	28.5	30	21.4	18.1	29.4	22.5	21.1	18	28.4	26	19.7	14.7
16	24.5	13.7	22.9	24.8	19	16.1	23.8	19.8	18.6	16	22.9	23.3	17.7	13.2
18	20.8	12.4	18.6	20.4	17	14.5	19.4	17.7	16.7	14.5	18.6	19.1	16.1	11.9
20	17.5	11.3	15.4	17.1	15.5	13.2	16.1	15.8	15.2	13.2	15.3	15.8	14.7	10.8
22	15	10.4	12.8	14.5	13.9	12.1	13.6	13.8	13.9	12.2	12.7	13.2	13.5	10
24	12.9	9.7	10.8	12.4	12.3	11	11.5	11.8	12.8	11.3	10.6	11.1	11.5	9.2
26	11.2	9.1	9.1	10.7	10.8	10	9.8	10.1	11.2	10.6	8.9	9.4	9.8	8.6
28			7.8	9.3	9.4	9.1	8.4	8.7	9.8	9.5	7.5	8	8.4	7.9
30			6.6	8.1	8.2	8.3	7.2	7.5	8.6	8.3	6.4	6.8	7.2	7.3
32							6.3	6.5	7.6	7.3	5.4	5.8	6.2	6.8
34							5.4	5.6	6.8	6.5	4.6	5	5.4	6.3
36											3.9	4.3	4.7	5.9
38											3.3	3.7	4.1	5.5
40														
42														
44														
46														
48														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31T, (Unit): T															
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5	
10	31.5	28.8	22.5	18.6												
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6								
14	26.5	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15			
16	22.5	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2	
18	18.4	19	15.3	13	17.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2	
20	15.2	15.8	14.2	11.9	15	15.2	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1	
22	12.6	13.2	13.1	11	12.6	13.2	12.5	10.1	12.8	12.2	11.5	12.5	11.4	11.5	9	
24	10.5	11.1	11.6	10.2	10.5	11.2	11.5	9.4	10.8	11.3	10.7	11	10.6	10.1	8.9	
26	8.8	9.4	10	9.5	8.8	9.5	10.4	8.6	9.1	10.4	10	9.4	9.9	9.5	8.4	
28	7.4	8	8.6	8.9	7.4	8.1	9.2	7.9	7.7	9	9.1	8	8.7	8.5	7.8	
30	6.2	6.8	7.4	8.2	6.2	6.9	8.1	7.3	6.5	7.8	7.9	6.8	7.5	7.3	7.2	
32	5.2	5.8	6.4	7.6	5.2	5.9	7.1	6.8	5.5	6.8	6.9	5.8	6.5	6.3	6.2	
34	4.4	5	5.5	6.9	4.3	5	6.2	6.3	4.6	6	6	4.9	5.6	5.4	5.4	
36	3.7	4.3	4.8	6.1	3.6	4.3	5.5	5.9	3.9	5.2	5.2	4.2	4.9	4.7	4.7	
38	3.1	3.6	4.2	5.5	3	3.7	4.9	5.2	3.3	4.6	4.6	3.6	4.3	4	4.1	
40	2.5	3.1	3.7	5	2.5	3.2	4.3	4.7	2.8	4	4.1	3.1	3.7	3.4	3.5	
42	2	2.6	3.2	4.5	2	2.7	3.8	4.2	2.3	3.5	3.6	2.6	3.2	2.9	3	
44					1.6	2.3	3.4	3.8	1.9	3.1	3.2	2.2	2.8	2.5	2.6	
46						1.9	3	3.4		2.7	2.8	1.8	2.4	2.1	2.2	
48										2.4	2.5		2.1	1.8	1.8	
50										2.1	2.2		1.8			
52													1.5			
54																
56																
58																
60																
62																
64																
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2	
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100	
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100	
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100	
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100	
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100	

Outrigger 100% Extended, Counterweight Forward 27T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 27T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	145													
3	130	115	96	48										
3.5	120	110	92	46	98	95	48	33.2						
4	107	106	88	44	98	93	46	31.5						
4.5	95.5	95	85	42	93.5	86	44	29.8						
5	86	85.8	82	40.5	84.5	82	42	28.1	84	80	47.5	25		
5.5	78	77.8	78	38.5	77	78	40	26.5	77.5	76.5	45.5	23.8		
6	71.3	71.2	72	37	70.5	72	37.5	25	71	72	43.5	22.4	71	70
6.5	65.5	65.4	66.3	35.5	64.6	66.2	35.5	23.5	65.5	66.5	41.5	21.2	65.8	66.5
7	60.5	60.4	61.3	34	59.6	61.3	33.5	22.2	60.3	61.5	40	20	60.8	62
7.5	56	56	57.1	32	55.2	57	32	21.3	56	57	38.2	19	56.6	57.8
8	52.2	52.2	53.2	30.5	51.4	53.2	30.5	20.5	52.2	53.3	36.2	18.1	52.8	54
9	45.5	45.5	46.7	27.5	44.6	46.8	27.5	18.8	45.5	46.8	32.5	16.4	46.2	47.5
10	40.8	40.2	41.3	25	40.8	41.5	25.5	17.4	40.3	41.5	29.5	14.9	41	42.2
12		31.8	33	22	32.6	33.2	21.5	14.8	32	33	24.8	12.6	32.6	34
14		25.2	26.8	19.5	24.5	26.8	19	13	25.1	26.7	21.5	11	25.8	27.5
16					19	21.4	17	11.5	19.5	21.1	19	9.7	20.2	21.8
18					14.9	17.4	15.5	10.5	15.5	17	17	8.7	16.2	17.7
20									12.4	13.9	15.5	7.9	13.1	14.5
22									10	11.5	13.8	7.3	10.7	12.1
24													8.8	10.2
26													7.3	8.7
28														
30														
32														
34														
36														
38														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 27T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	59	54	41	31								
7.5	51	27.5	57	53	38.3	30								
8	49	26	53.5	52	36	29	52	36	32	25				
9	45	23.5	47.2	47.8	32	26.8	47.5	33	30	23.9	37	37	26.7	19.3
10	40.8	21.4	42	42.8	29	24.7	42.3	30.8	28	22.5	36	34	25	18.4
12	34.2	18	33.5	34.8	24.5	20.8	34.2	26	24.1	20	31.8	29.5	22.2	16.4
14	28.6	15.6	26.8	28.5	21.4	18.1	27.6	22.5	21.1	18	26.7	26	19.7	14.7
16	23.3	13.7	21.1	22.8	19	16.1	21.9	19.8	18.6	16	21	21.5	17.7	13.2
18	19.2	12.4	17	18.6	17	14.5	17.8	17.7	16.7	14.5	16.9	17.4	16.1	11.9
20	16	11.3	13.9	15.5	15.5	13.2	14.6	14.8	15.2	13.2	13.7	14.2	14.7	10.8
22	13.6	10.4	11.5	13	13.1	12.1	12.2	12.3	13.6	12.2	11.3	11.8	12.2	10
24	11.6	9.7	9.6	11.1	11.2	11	10.2	10.4	11.6	11.3	9.4	9.9	10.3	9.2
26	10	9.1	8	9.5	9.6	10	8.6	8.8	10	9.7	7.8	8.3	8.7	8.6
28			6.7	8.2	8.3	9.1	7.3	7.5	8.7	8.4	6.6	7	7.4	7.9
30			5.6	7.1	7.2	8.2	6.3	6.5	7.6	7.3	5.5	5.9	6.3	7.3
32							5.4	5.6	6.7	6.4	4.6	5	5.4	6.8
34							4.6	4.8	5.9	5.6	3.8	4.2	4.6	6.3
36											3.1	3.6	4	5.9
38											2.5	3	3.4	5.3
40														
42														
44														
46														
48														
50														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 27T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.4	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	20.8	21.6	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	16.7	17.5	15.3	13	16.9	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	13.5	14.3	14.2	11.9	13.7	14.5	13.5	11	14	13.4	12	13.7	12.3	12.5	9.1
22	11.1	11.8	12.3	11	11.3	12	12.5	10.1	11.6	12.2	11.5	11.9	11.4	11.5	9
24	9.2	9.9	10.4	10.2	9.4	10.1	11	9.4	9.6	10.8	10.7	10	10.6	10.1	8.9
26	7.6	8.3	8.8	9.5	7.8	8.5	9.4	8.6	8	9.2	9.4	8.4	9	8.8	8.4
28	6.3	7	7.5	8.9	6.5	7.2	8.1	7.9	6.7	7.9	8	7.1	7.7	7.5	7.4
30	5.2	5.9	6.4	7.8	5.4	6.1	7	7.3	5.6	6.8	6.9	6	6.6	6.4	6.3
32	4.3	5	5.5	6.9	4.5	5.2	6.1	6.6	4.7	5.9	6	5.1	5.7	5.5	5.4
34	3.6	4.2	4.8	6.1	3.7	4.4	5.3	5.8	3.9	5.1	5.2	4.3	4.9	4.7	4.6
36	2.9	3.5	4.1	5.4	3	3.7	4.6	5.2	3.2	4.4	4.5	3.6	4.2	4	3.9
38	2.3	2.9	3.5	4.8	2.4	3.1	4	4.6	2.6	3.8	3.9	3	3.6	3.4	3.3
40	1.8	2.4	3	4.3	1.9	2.6	3.5	4.1	2.1	3.3	3.4	2.5	3.1	2.9	2.8
42		2	2.5	3.8	1.5	2.1	3.1	3.6	1.7	2.8	3	2	2.7	2.4	2.4
44						1.7	2.7	3.2		2.4	2.6	1.6	2.3	2	2
46							2.3	2.8		2.1	2.2		1.9	1.6	1.6
48										1.8	1.9		1.6		
50										1.5	1.6				
52															
54															
56															
58															
60															
62															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Forward 23T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 23T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	145													
3	130	115	96	48										
3.5	118	110	92	46	98	95	48	33.2						
4	104.5	103.5	88	44	98	93	46	31.5						
4.5	93.3	93	85	42	91.5	86	44	29.8						
5	83.8	84	82	40.5	83	82	42	28.1	82.5	80	47.5	25		
5.5	76	76.2	77	38.5	75.3	77	40	26.5	75.8	76	45.5	23.8		
6	69.5	69.5	70.6	37	68.8	70.8	37.5	25	69.5	70.5	43.5	22.4	68	69
6.5	64	63.8	65	35.5	63.2	65	35.5	23.5	63.7	64.8	41.5	21.2	64	65.5
7	59	58.9	60	34	58.2	60.1	33.5	22.2	58.9	60	40	20	59.5	60.8
7.5	54.7	54.7	55.8	32	54.2	55.8	32	21.3	54.7	55.8	38.2	19	55.3	56.6
8	50.7	50.8	52	30.5	50.4	52	30.5	20.5	50.8	52	36.2	18.1	51.6	52.8
9	44	44.4	45.5	27.5	44	45.6	27.5	18.8	44.5	45.6	32.5	16.4	45	46.4
10	39.5	39	40.2	25	39.5	40.4	25.5	17.4	39.1	40.2	29.5	14.9	39.8	41.2
12		30.4	31.8	22	29.7	31.8	21.5	14.8	30.3	31.9	24.8	12.6	31.1	32.6
14		22.8	24.4	19.5	22	24.6	19	13	22.7	24.3	21.5	11	23.3	25.1
16					16.8	19.3	17	11.5	17.3	18.9	19	9.7	18	19.7
18					13	15.5	15.5	10.5	13.5	15.1	17	8.7	14.1	15.8
20									10.7	12.2	14.5	7.9	11.3	12.9
22									8.5	10	12.3	7.3	9.1	10.7
24													7.4	8.9
26													6	7.5
28														
30														
32														
34														
36														
38														
40														
42														
44														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 23T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	59	54	41	31								
7.5	51	27.5	55.6	53	38.3	30								
8	49	26	52.2	52	36	29	51.5	36	32	25				
9	45	23.5	46	47	32	26.8	46.3	33	30	23.9	37	37	26.7	19.3
10	40.8	21.4	40.6	42	29	24.7	41.3	30.8	28	22.5	36	34	25	18.4
12	33.5	18	32	33.5	24.5	20.8	33	26	24.1	20	31.8	29.5	22.2	16.4
14	26.7	15.6	24.3	26.1	21.4	18.1	25.2	22.5	21.1	18	24.1	24.7	19.7	14.7
16	21.3	13.7	18.9	20.7	19	16.1	19.8	19.5	18.6	16	18.8	19.3	17.7	13.2
18	17.3	12.4	15	16.7	16.9	14.5	15.8	16	16.7	14.5	14.8	15.4	15.8	11.9
20	14.3	11.3	12.1	13.8	13.9	13.2	12.9	13	14.3	13.2	11.9	12.4	12.9	10.8
22	12.1	10.4	9.9	11.5	11.6	12.1	10.6	10.8	12	11.7	9.7	10.2	10.6	10
24	10.3	9.7	8.1	9.7	9.8	10.8	8.8	9	10.2	9.9	7.9	8.4	8.8	9.2
26	8.8	9.1	6.7	8.3	8.4	9.4	7.3	7.6	8.8	8.4	6.5	7	7.4	8.6
28			5.5	7.1	7.2	8.2	6.2	6.4	7.6	7.2	5.3	5.8	6.2	7.9
30			4.6	6.1	6.2	7.2	5.2	5.4	6.6	6.2	4.3	4.8	5.2	7.1
32							4.4	4.6	5.7	5.4	3.5	4	4.4	6.3
34							3.7	3.9	5	4.7	2.8	3.3	3.7	5.6
36											2.2	2.7	3.1	5
38											1.7	2.2	2.6	4.5
40														
42														
44														
46														
48														
50														
52														
54														
56														
58														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 23T, (Unit): T															
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5	
10	31.5	28.8	22.5	18.6												
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6								
14	24	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15			
16	18.6	19.3	16.3	14	18.8	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2	
18	14.7	15.4	15.3	13	14.9	15.6	14.8	12.1	15.3	14.4	13	15.2	13	12.6	9.2	
20	11.8	12.4	12.9	11.9	12	12.7	13.5	11	12.4	13.4	12	12.7	12.3	12.5	9.1	
22	9.6	10.2	10.6	11	9.7	10.4	11.4	10.1	10.1	11.2	11.5	10.4	11.2	10.8	9	
24	7.8	8.4	8.8	10.2	8	8.6	9.6	9.4	8.3	9.4	9.7	8.6	9.3	9	8.9	
26	6.4	7	7.4	8.9	6.6	7.2	8.1	8.5	6.9	7.9	8.2	7.2	7.9	7.5	7.6	
28	5.2	5.8	6.2	7.7	5.4	6	6.9	7.3	5.7	6.7	7	6	6.7	6.3	6.4	
30	4.2	4.8	5.2	6.7	4.4	5	5.9	6.3	4.7	5.7	6	5	5.7	5.3	5.4	
32	3.4	4	4.4	5.8	3.6	4.2	5.1	5.4	3.8	4.9	5.1	4.2	4.9	4.5	4.5	
34	2.7	3.3	3.7	5.1	2.9	3.5	4.4	4.7	3.1	4.2	4.4	3.5	4.1	3.8	3.8	
36	2.1	2.7	3.1	4.5	2.3	2.9	3.7	4.1	2.5	3.6	3.8	2.9	3.5	3.2	3.2	
38	1.6	2.2	2.6	4	1.7	2.4	3.2	3.6	2	3	3.2	2.4	3	2.7	2.7	
40		1.7	2.2	3.5		1.9	2.8	3.1		2.6	2.8	1.9	2.5	2.2	2.2	
42			1.8	3.1		1.5	2.4	2.7		2.2	2.4		2.1	1.8	1.8	
44							2	2.4		1.9	2		1.8			
46							1.7	2.1		1.6	1.7					
48																
50																
52																
54																
56																
58																
60																
62																
64																
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2	
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100	
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100	
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100	
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100	
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100	

Outrigger 100% Extended, Counterweight Forward 21.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 21.3T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	145													
3	130	115	96	48										
3.5	117	110	92	46	98	95	48	33.2						
4	103.5	102.5	88	44	98	93	46	31.5						
4.5	92.2	92	85	42	90	86	44	29.8						
5	83	83	82	40.5	81.8	82	42	28.1	81	80	47.5	25		
5.5	75.3	75.3	76	38.5	74.3	75.5	40	26.5	74.5	75.5	45.5	23.8		
6	68.7	68.5	69.8	37	67.9	69.5	37.5	25	68.5	69.5	43.5	22.4	68	69
6.5	63.2	63	64.1	35.5	62.3	64.3	35.5	23.5	62.8	64	41.5	21.2	63.5	64.5
7	58.2	58.3	59.2	34	57.3	59.3	33.5	22.2	58.1	59.3	40	20	59	60
7.5	53.9	54	55	32	53.1	55.2	32	21.3	53.8	55	38.2	19	54.7	55.8
8	50	50	51.3	30.5	49.5	51.5	30.5	20.5	50	51.2	36.2	18.1	50.9	52
9	43.6	43.5	44.8	27.5	43	45	27.5	18.8	43.6	44.8	32.5	16.4	44.5	45.6
10	39.2	38	39.5	25	38.6	39.6	25.5	17.4	38.1	39.5	29.5	14.9	39	40.3
12		29.3	31	22	28.7	31	21.5	14.8	29.3	31	24.8	12.6	30	31.8
14		22	23.6	19.5	21.3	23.8	19	13	21.8	23.4	21.5	11	22.5	24.2
16					16.1	18.5	17	11.5	16.6	18.2	19	9.7	17.2	18.9
18					12.4	14.8	15.5	10.5	12.9	14.4	16.8	8.7	13.5	15.1
20									10.1	11.6	14	7.9	10.7	12.2
22									8	9.5	11.8	7.3	8.6	10.1
24													6.9	8.4
26													5.6	7.1
28														
30														
32														
34														
36														
38														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 21.3T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	59	54	41	31								
7.5	51	27.5	55.3	53	38.3	30								
8	49	26	51.5	52	36	29	51.5	36	32	25				
9	45	23.5	45	46.4	32	26.8	45.8	33	30	23.9	37	37	26.7	19.3
10	40.8	21.4	39.5	41.3	29	24.7	40.6	30.8	28	22.5	36	34	25	18.4
12	33.2	18	31	32.5	24.5	20.8	32	26	24.1	20	30.8	29.5	22.2	16.4
14	25.8	15.6	23.4	25.3	21.4	18.1	24.3	22.5	21.1	18	23.3	23.8	19.7	14.7
16	20.5	13.7	18.1	20	19	16.1	19	19.2	18.6	16	18	18.6	17.7	13.2
18	16.6	12.4	14.3	16.1	16.2	14.5	15.2	15.4	16.7	14.5	14.2	14.7	15.2	11.9
20	13.7	11.3	11.5	13.2	13.3	13.2	12.3	12.5	13.8	13.2	11.4	11.9	12.3	10.8
22	11.5	10.4	9.3	11	11.1	12.1	10.1	10.3	11.5	11.1	9.2	9.7	10.1	10
24	9.8	9.7	7.6	9.3	9.4	10.4	8.3	8.6	9.8	9.4	7.5	8	8.4	9.2
26	8.4	9.1	6.2	7.9	8	9	6.9	7.2	8.4	8	6.1	6.6	7	8.6
28			5.1	6.7	6.8	7.8	5.8	6	7.2	6.9	5	5.4	5.8	7.8
30			4.2	5.7	5.8	6.8	4.9	5.1	6.2	5.9	4	4.5	4.9	6.8
32							4.1	4.3	5.4	5.1	3.2	3.7	4.1	6
34							3.4	3.6	4.7	4.4	2.6	3	3.4	5.3
36											2	2.4	2.8	4.7
38											1.5	1.9	2.3	4.2
40														
42														
44														
46														
48														
50														
52														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 21.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	23.3	23.9	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	18	18.6	16.3	14	18.2	18.9	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	14.2	14.7	15.2	13	14.4	15.1	14.8	12.1	14.6	14.4	13	15	13	12.6	9.2
20	11.4	11.9	12.3	11.9	11.5	12.2	13.2	11	11.7	13.3	12	12.1	12.3	12.4	9.1
22	9.2	9.7	10.1	11	9.3	10	11	10.1	9.5	11	11	9.9	10.8	10.2	9
24	7.5	8	8.4	9.8	7.6	8.3	9.2	9.4	7.8	9.2	9.3	8.2	9	8.4	8.6
26	6.1	6.6	7	8.4	6.2	6.9	7.8	8.2	6.4	7.7	7.8	6.8	7.6	7	7.2
28	5	5.4	5.8	7.2	5	5.7	6.6	7	5.3	6.6	6.6	5.6	6.4	5.9	6
30	4	4.5	4.9	6.2	4.1	4.7	5.6	6	4.3	5.6	5.6	4.6	5.4	4.9	5
32	3.2	3.7	4.1	5.4	3.3	3.9	4.8	5.2	3.5	4.8	4.8	3.8	4.6	4.1	4.2
34	2.5	3	3.4	4.7	2.6	3.2	4.1	4.5	2.8	4.1	4.1	3.1	3.9	3.4	3.5
36	1.9	2.4	2.8	4.1	2	2.6	3.5	3.9	2.2	3.5	3.5	2.5	3.3	2.8	2.9
38		1.9	2.3	3.6	1.5	2.1	3	3.4	1.7	3	3	2	2.7	2.3	2.4
40		1.5	1.9	3.2		1.7	2.5	3		2.6	2.5	1.6	2.3	1.9	2
42			1.5	2.8			2.1	2.6		2.2	2.1		1.9	1.5	1.6
44							1.8	2.2		1.8	1.8		1.5		
46							1.5	1.9			1.5				
48															
50															
52															
54															
56															
58															
60															
62															
64															
66															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Forward 17.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 17.3T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	145													
3	130	115	96	48										
3.5	114.5	110	92	46	98	95	48	33.2						
4	101	100	88	44	98	93	46	31.5						
4.5	90	90	85	42	89	86	44	29.8						
5	81	81	81.5	40.5	80.3	81	42	28.1	79	80	47.5	25		
5.5	73.5	73.5	74.5	38.5	72.6	74.3	40	26.5	73	74	45.5	23.8		
6	67	67	68	37	66.2	68	37.5	25	66.8	67.8	43.5	22.4	66	67.5
6.5	61.5	61.5	62.5	35.5	60.8	62.5	35.5	23.5	61.3	62.5	41.5	21.2	62	63
7	56.8	56.7	57.8	34	55.8	57.8	33.5	22.2	56.5	57.6	40	20	57.5	58.6
7.5	52.2	52.4	53.6	32	51.5	53.6	32	21.3	52.3	53.5	38.2	19	53.3	54.5
8	48.6	48.6	49.8	30.5	48	49.8	30.5	20.5	48.5	49.7	36.2	18.1	49.5	50.5
9	42	42.2	43.3	27.5	41.5	43.5	27.5	18.8	42	43	32.5	16.4	43	44
10	37.7	36.7	37.8	25	37	38.2	25.5	17.4	36.5	37.6	29.5	14.9	37.5	38.6
12		26.5	28.2	22	25.8	28.6	21.5	14.8	26.4	28.2	24.8	12.6	27.2	29
14		19.4	21.1	19.5	18.6	21.3	19	13	19.2	21	21.5	11	20	21.8
16					13.8	16.4	17	11.5	14.4	16.1	18.6	9.7	15.1	16.9
18					10.5	13	14.8	10.5	11	12.6	15	8.7	11.7	13.4
20									8.5	10	12.4	7.9	9.2	10.8
22									6.6	8	10.4	7.3	7.2	8.8
24													5.7	7.2
26													4.4	5.9
28														
30														
32														
34														
36														
38														
40														
42														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 17.3T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	57.5	54	41	31								
7.5	51	27.5	53.8	53	38.3	30								
8	49	26	50	51	36	29	50	36	32	25				
9	45	23.5	43.5	45	32	26.8	44.5	33	30	23.9	37	37	26.7	19.3
10	40	21.4	38	39.5	29	24.7	39	30.8	28	22.5	36	34	25	18.4
12	30.7	18	28.2	30.2	24.5	20.8	29.1	26	24.1	20	28.3	28.8	22.2	16.4
14	23.4	15.6	21	22.9	21.4	18.1	21.8	22	21.1	18	21.1	21.5	19.7	14.7
16	18.3	13.7	16	17.8	18	16.1	16.8	17	18.5	16	16.1	16.5	16.9	13.2
18	14.7	12.4	12.5	14.3	14.4	14.5	13.2	13.4	14.9	14.5	12.6	13	13.4	11.9
20	12.1	11.3	9.9	11.6	11.7	12.7	10.6	10.8	12.2	11.8	10	10.4	10.7	10.8
22	10.1	10.4	7.9	9.6	9.7	10.7	8.6	8.8	10.1	9.8	8	8.4	8.7	10
24	8.5	9.3	6.4	8	8.1	9.1	7	7.2	8.5	8.2	6.4	6.8	7.1	9.2
26	7.2	8.1	5.1	6.7	6.8	7.8	5.7	5.9	7.2	6.9	5.1	5.5	5.8	7.9
28			4.1	5.6	5.7	6.7	4.7	4.9	6.1	5.8	4.1	4.4	4.8	6.8
30			3.2	4.7	4.9	5.8	3.8	4	5.2	4.9	3.2	3.5	3.9	5.9
32							3.1	3.3	4.5	4.1	2.5	2.8	3.2	5.1
34							2.5	2.7	3.8	3.5	1.9	2.2	2.5	4.5
36												1.7	2	4
38													1.5	3.5
40														
42														
44														
46														
48														
50														
52														
54														
56														
58														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 17.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	28.2	26.2	20	16.9	25	23.5	20.2	15.6							
14	20.9	21.6	18	15.3	21.1	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	16	16.6	16.3	14	16.2	16.9	16.5	13.3	16.4	15.6	14	15.6	13.5	12.7	9.2
18	12.5	13.1	13.8	13	12.7	13.4	14.4	12.1	12.9	14.4	13	13.4	13	12.6	9.2
20	9.9	10.5	11.1	11.9	10.1	10.7	11.7	11	10.3	11.8	11.9	10.8	11.5	11.1	9.1
22	7.9	8.5	9.1	10.2	8.1	8.7	9.7	10.1	8.3	9.7	9.8	8.8	9.4	9.1	9
24	6.3	6.9	7.5	8.6	6.5	7.1	8.1	8.5	6.7	8.1	8.2	7.2	7.8	7.5	7.5
26	5	5.6	6.2	7.3	5.2	5.8	6.8	7.2	5.4	6.8	6.9	5.9	6.5	6.2	6.2
28	4	4.6	5.1	6.2	4.1	4.8	5.7	6.1	4.3	5.7	5.8	4.8	5.4	5.1	5.1
30	3.1	3.7	4.2	5.3	3.2	3.9	4.8	5.2	3.4	4.8	4.9	3.9	4.5	4.2	4.2
32	2.4	3	3.4	4.6	2.5	3.1	4	4.4	2.7	4	4.1	3.2	3.7	3.5	3.5
34	1.7	2.3	2.8	3.9	1.9	2.5	3.4	3.8	2.1	3.3	3.4	2.5	3.1	2.9	2.9
36		1.8	2.3	3.4		2	2.9	3.3	1.5	2.8	2.9	1.9	2.6	2.3	2.3
38			1.8	2.9		1.5	2.4	2.8		2.3	2.4		2.1	1.8	1.8
40				2.5			2	2.4		1.9	2		1.7		
42				2.2			1.6	2		1.5	1.6				
44								1.7							
46															
48															
50															
52															
54															
56															
58															
60															
62															
64															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Forward 13.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 13.3T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	145													
3	129	115	96	48										
3.5	112.5	110	92	46	98	95	48	33.2						
4	98.5	98.5	88	44	96	93	46	31.5						
4.5	88	88	85	42	86.5	86	44	29.8						
5	79	78.8	79.6	40.5	77.8	79.8	42	28.1	77.5	79	47.5	25		
5.5	71.5	71.5	72.6	38.5	70.7	72.8	40	26.5	71.3	72.5	45.5	23.8		
6	65.2	65.2	66.5	37	64.5	66.5	37.5	25	65	66.3	43.5	22.4	65	66.5
6.5	59.8	59.8	61	35.5	59	61	35.5	23.5	59.8	61	41.5	21.2	60.5	61.8
7	55	55	56.3	34	54.2	56.2	33.5	22.2	55.2	56.3	40	20	56	57.2
7.5	51	51	52	32	50	52.2	32	21.3	50.9	52.2	38.2	19	52	53.2
8	47.1	47.2	48.2	30.5	46.4	48.5	30.5	20.5	47.2	48.5	36.2	18.1	48.3	49.5
9	41	40.8	41.8	27.5	40	42	27.5	18.8	40.8	42	32.5	16.4	41.5	43
10	34.9	34.2	36.1	25	33.3	36.5	25.5	17.4	34.1	36	29.5	14.9	35	37
12		23.5	25.4	22	22.6	25.7	21.5	14.8	23.4	25.2	24.8	12.6	24.3	26.2
14		16.9	18.6	19.5	16	18.9	19	13	16.7	18.4	21.1	11	17.5	19.3
16					11.7	14.4	16.2	11.5	12.3	13.9	16.4	9.7	13.1	14.7
18					8.7	11.2	13	10.5	9.2	10.7	13.2	8.7	9.9	11.5
20									6.9	8.4	10.8	7.9	7.6	9.1
22									5.1	6.6	9	7.3	5.8	7.3
24													4.4	5.9
26													3.3	4.7
28														
30														
32														
34														
36														
38														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 13.3T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	56	54	41	31								
7.5	51	27.5	52.5	53	38.3	30								
8	49	26	49	50	36	29	49	36	32	25				
9	44	23.5	42.5	44	32	26.8	43.2	33	30	23.9	37	37	26.7	19.3
10	38.6	21.4	35.9	38.2	29	24.7	37	30.8	28	22.5	36	34	25	18.4
12	27.9	18	25.1	27.3	24.5	20.8	26.2	26	24.1	20	25.5	26	22.2	16.4
14	20.9	15.6	18.3	20.3	20.5	18.1	19.2	19.5	21	18	18.6	19.1	19.5	14.7
16	16.3	13.7	13.8	15.7	15.9	16.1	14.7	14.9	16.3	16	14.1	14.5	14.9	13.2
18	13	12.4	10.6	12.4	12.6	13.7	11.4	11.7	13	12.7	10.8	11.3	11.6	11.9
20	10.6	11.3	8.2	10	10.1	11.2	9	9.3	10.6	10.2	8.5	8.9	9.2	10.8
22	8.7	9.5	6.4	8.2	8.3	9.3	7.2	7.5	8.7	8.4	6.7	7	7.4	9.4
24	7.2	8	5	6.7	6.8	7.9	5.8	6	7.2	6.9	5.2	5.6	5.9	7.9
26	6.1	6.9	3.9	5.5	5.7	6.7	4.6	4.8	6	5.7	4.1	4.4	4.8	6.7
28			3	4.6	4.7	5.7	3.7	3.9	5.1	4.8	3.1	3.5	3.8	5.7
30			2.2	3.8	3.9	4.9	2.9	3.1	4.3	4	2.3	2.7	3	4.9
32							2.2	2.4	3.6	3.3	1.7	2.1	2.4	4.2
34							1.7	1.8	3	2.7		1.5	1.8	3.6
36														3.1
38														2.7
40														
42														
44														
46														
48														
50														
52														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 13.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	25.3	26.1	20	16.9	25	23.5	20.2	15.6							
14	18.5	19.2	18	15.3	18.7	19.7	18.2	14.4	19	17	15	16.2	15		
16	14	14.6	15.2	14	14.1	15.1	16.2	13.3	14.5	15.6	14	15	13.5	12.7	9.2
18	10.8	11.4	12	13	10.9	11.8	12.9	12.1	11.3	12.8	12.9	11.7	12.5	12.2	9.2
20	8.4	9	9.5	10.8	8.5	9.4	10.4	10.8	8.9	10.4	10.5	9.3	10.1	9.8	9.1
22	6.5	7.2	7.7	8.9	6.7	7.6	8.5	8.9	7.1	8.5	8.6	7.5	8.2	7.9	7.9
24	5.1	5.7	6.2	7.4	5.3	6.1	7	7.4	5.6	7	7.1	6	6.7	6.4	6.4
26	4	4.5	5	6.2	4.1	4.9	5.8	6.2	4.4	5.8	5.9	4.8	5.5	5.2	5.2
28	3	3.6	4.1	5.2	3.2	3.9	4.8	5.2	3.5	4.8	4.9	3.8	4.5	4.2	4.2
30	2.2	2.8	3.3	4.4	2.4	3.1	4	4.4	2.7	4	4.1	3	3.7	3.4	3.4
32	1.5	2.1	2.6	3.7	1.7	2.4	3.3	3.7	2	3.3	3.4	2.3	3	2.7	2.7
34		1.5	2	3.1		1.8	2.7	3.1		2.7	2.8	1.7	2.4	2.1	2.1
36			1.5	2.6			2.2	2.6		2.2	2.3		1.9	1.6	1.6
38				2.2			1.8	2.2		1.7	1.8		1.5		
40				1.8				1.8							
42				1.5											
44															
46															
48															
50															
52															
54															
56															
58															
60															
62															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Forward 11T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 11T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	145													
3	128	115	96	48										
3.5	111	109.5	92	46	98	95	48	33.2						
4	97.5	97	88	44	95.5	93	46	31.5						
4.5	87	86.3	85	42	85.8	86	44	29.8						
5	78	77.6	78.5	40.5	77	79	42	28.1	77	78	47.5	25		
5.5	70.6	70.5	71.5	38.5	69.8	72	40	26.5	70.3	71.2	45.5	23.8		
6	64.4	64.2	65.3	37	63.6	65.8	37.5	25	64	65	43.5	22.4	64.5	65.5
6.5	59	59	60	35.5	58.2	60.2	35.5	23.5	58.8	59.8	41.5	21.2	59.8	60.8
7	54.3	54.4	55.5	34	53.7	55.5	33.5	22.2	54.3	55.5	40	20	55.2	56.3
7.5	50.2	50.2	51.2	32	49.5	51.5	32	21.3	50	51.3	38.2	19	51	52
8	46.5	46.5	47.5	30.5	45.8	47.8	30.5	20.5	46.5	47.5	36.2	18.1	47.3	48.3
9	40.2	39.6	41	27.5	38.7	41.2	27.5	18.8	39.6	41	32.5	16.4	40.6	42
10	32.7	32	33.9	25	31.1	34.2	25.5	17.4	31.9	33.8	29.5	14.9	32.9	34.8
12		21.6	23.4	22	20.8	23.7	21.5	14.8	21.5	23.3	24.8	12.6	22.4	24.3
14		15.4	17	18.1	14.6	17.3	19	13	15.2	16.9	19.7	11	16	17.8
16					10.5	13.1	15.1	11.5	11.1	12.7	15.3	9.7	11.8	13.5
18					7.6	10.1	12	10.5	8.2	9.7	12.2	8.7	8.9	10.4
20									6	7.5	9.9	7.9	6.7	8.2
22									4.3	5.8	8.2	7.3	5	6.5
24													3.7	5.2
26													2.6	4.1
28														
30														
32														
34														
36														
38														
40														
42														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 11T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	55	54	41	31								
7.5	51	27.5	51.5	52.5	38.3	30								
8	49	26	48	49	36	29	48.5	36	32	25				
9	43	23.5	41.5	42.8	32	26.8	42.5	33	30	23.9	37	37	26.7	19.3
10	36.8	21.4	33.9	36.2	29	24.7	35.1	30.8	28	22.5	34.3	34	25	18.4
12	26.2	18	23.4	25.6	24.5	20.8	24.5	24.8	24.1	20	23.8	24.2	22.2	16.4
14	19.5	15.6	16.9	19	19	18.1	18	18.3	19.5	18	17.3	17.7	18.4	14.7
16	15.1	13.7	12.6	14.6	14.7	15.7	13.6	13.9	15.1	14.8	13	13.4	14	13.2
18	12	12.4	9.6	11.5	11.6	12.6	10.6	10.8	12	11.7	10	10.3	10.9	11.9
20	9.7	10.5	7.4	9.2	9.3	10.3	8.3	8.6	9.7	9.4	7.7	8.1	8.6	10.4
22	7.9	8.8	5.7	7.4	7.5	8.5	6.6	6.8	7.9	7.6	6	6.4	6.8	8.6
24	6.5	7.4	4.4	6	6.1	7.1	5.2	5.4	6.5	6.2	4.6	5	5.4	7.2
26	5.4	6.3	3.3	4.9	5	6	4.1	4.3	5.4	5	3.5	3.9	4.3	6
28			2.4	4	4.1	5.1	3.2	3.4	4.4	4.1	2.6	3	3.4	5.1
30			1.7	3.2	3.3	4.3	2.4	2.6	3.7	3.4	1.8	2.2	2.6	4.3
32							1.8	2	3.1	2.8		1.6	2	3.7
34									2.5	2.2				3.2
36														2.7
38														2.3
40														
42														
44														
46														
48														
50														
52														
54														
56														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 11T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	23.6	24.4	20	16.9	23.9	23.5	20.2	15.6							
14	17.1	17.9	18	15.3	17.4	18.2	18.2	14.4	17.5	17	15	16.2	15		
16	12.8	13.6	14.2	14	13.1	13.8	14.9	13.3	13.2	15	14	13.7	13.5	12.7	9.2
18	9.8	10.5	11.1	12.3	10.1	10.8	11.8	12.1	10.2	11.9	11.9	10.7	11.5	11.2	9.2
20	7.5	8.2	8.8	10	7.8	8.5	9.5	9.9	7.9	9.6	9.6	8.4	9.2	8.9	8.8
22	5.8	6.5	7	8.2	6.1	6.8	7.7	8.1	6.2	7.8	7.8	6.7	7.4	7.1	7.1
24	4.5	5.1	5.6	6.8	4.7	5.4	6.3	6.7	4.8	6.4	6.4	5.3	6	5.7	5.7
26	3.4	4	4.5	5.7	3.6	4.3	5.2	5.6	3.7	5.2	5.3	4.2	4.9	4.6	4.6
28	2.5	3.1	3.6	4.8	2.7	3.4	4.3	4.7	2.8	4.3	4.4	3.3	4	3.7	3.7
30	1.7	2.3	2.8	4	1.9	2.6	3.5	3.9	2.1	3.5	3.6	2.5	3.2	2.9	2.9
32		1.7	2.2	3.3		2	2.9	3.3	1.5	2.8	2.9	1.9	2.6	2.2	2.3
34			1.6	2.8			2.4	2.7		2.3	2.4		2	1.7	1.7
36				2.3			1.9	2.2		1.8	1.9		1.6		
38				1.9				1.8							
40				1.5											
42															
44															
46															
48															
50															
52															
54															
56															
58															
60															
62															
64															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Forward 1.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 1.3T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	140													
3	120	115	96	48										
3.5	104	103	92	46	98	95	48	33.2						
4	91.5	91	88	44	89	90	46	31.5						
4.5	81	81	81.5	42	80	81.5	44	29.8						
5	73	72.8	73.5	40.5	72	73.7	42	28.1	72	73.5	47.5	25		
5.5	66	66	66.8	38.5	65.2	67	40	26.5	65.5	67	45.5	23.8		
6	60	59.8	61	37	59	61	37.5	25	60	61	43.5	22.4	60.5	61.5
6.5	54.7	54	55	35.5	53	55.5	35.5	23.5	54.5	55.5	41.5	21.2	55.2	56.5
7	50	48	50	34	48	50	33.5	22.2	49	50.5	40	20	50.5	52
7.5	44.2	42	45	32	41.9	45.9	32	21.3	42.7	45	38.2	19	44.2	46.1
8	38.4	36	39.1	30.5	36	39.8	30.5	20.5	37	39.1	36.2	18.1	38.2	40
9	28.8	27.5	29.7	27.5	26.6	30.3	27.5	18.8	27.5	29.6	32.5	16.4	28.7	30.4
10	22.5	21.5	23.3	25	20.4	23.8	25.5	17.4	21.2	23.1	26.5	14.9	22.3	24
12		13.8	15.4	16.8	12.6	15.6	17.4	14.8	13.3	15	18	12.6	14.2	15.7
14		9.2	10.7	11.9	8.1	10.9	12.6	12.5	8.7	10.2	13	11	9.5	10.9
16					5.1	7.8	9.5	9.7	5.7	7.1	9.7	9.7	6.5	7.7
18					3.1	5.6	7.4	7.5	3.6	5	7.5	8.2	4.3	5.5
20									2.1	3.4	5.9	6.5	2.8	3.9
22										2.3	4.7	5.3	1.7	2.8
24														1.9
26														
28														
30														
32														
34														
36														
38														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 1.3T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	51	53	41	31								
7.5	48.5	27.5	45.5	47.9	38.3	30								
8	42.4	26	39.4	41.6	36	29	40.8	36	32	25				
9	32.8	23.5	29.9	32.1	32	26.8	31.3	31.5	30	23.9	30.3	31	26.7	19.3
10	26	21.4	23.4	25.3	25.9	24.7	24.7	24.8	26.2	22.5	23.7	24.4	25	18.4
12	17.5	18.6	15.2	16.9	17.1	18.2	16.3	16.5	17.6	17.4	15.5	16.1	16.5	16.4
14	12.5	13.5	10.4	11.9	12.1	13.1	11.5	11.5	12.6	12.4	10.7	11.3	11.6	13.5
16	9.3	10.2	7.3	8.7	8.8	9.8	8.3	8.3	9.3	9.2	7.6	8.1	8.4	10.1
18	7	7.9	5.1	6.4	6.6	7.5	6.1	6.1	7	6.9	5.4	5.9	6.1	7.8
20	5.4	6.3	3.5	4.8	4.9	5.8	4.4	4.5	5.4	5.2	3.8	4.3	4.5	6.1
22	4.2	5	2.4	3.6	3.7	4.6	3.2	3.3	4.1	4	2.6	3.1	3.3	4.8
24	3.2	4.1	1.5	2.7	2.8	3.6	2.3	2.4	3.2	3.1	1.7	2.2	2.4	3.9
26	2.5	3.4		2	2.1	2.9		1.7	2.4	2.3			1.7	3.1
28					1.5	2.3			1.9	1.8				2.5
30						1.9			1.5					2.1
32														1.7
34														
36														
38														
40														
42														
44														
46														
48														
50														
52														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 1.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	23.6	24.5	22.5	18.6											
12	15.4	16.3	16.9	16.9	15.7	16.5	17.7	15.6							
14	10.6	11.4	11.9	13.2	10.9	11.6	12.7	13.1	11.1	12.7	12.7	11.5	12.4		
16	7.4	8.2	8.7	9.9	7.7	8.4	9.4	9.8	8	9.4	9.4	8.3	9.1	8.8	8.8
18	5.3	5.9	6.5	7.6	5.5	6.1	7.1	7.5	5.7	7.1	7.2	6.1	6.8	6.6	6.6
20	3.7	4.3	4.8	5.9	3.9	4.5	5.4	5.9	4.1	5.5	5.5	4.4	5.2	4.9	5
22	2.5	3.1	3.6	4.7	2.8	3.3	4.2	4.6	2.9	4.2	4.2	3.2	4	3.7	3.7
24	1.6	2.2	2.7	3.7	1.8	2.4	3.2	3.6	2	3.3	3.3	2.3	3	2.8	2.8
26			2	2.9		1.7	2.5	2.9		2.5	2.5	1.6	2.3	2	2.1
28				2.4			1.9	2.3		2	2		1.7		
30				1.9				1.8			1.5				
32															
34															
36															
38															
40															
42															
44															
46															
48															
50															
52															
54															
56															
58															
60															
62															
64															
66															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 50% Extended, Counterweight Forward 23T

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 23T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	130													
3	117	115	96	48										
3.5	105	105	92	46	98	95	48	33.2						
4	97	97	88	44	96.5	93	46	31.5						
4.5	89.5	89	85	42	89	86	44	29.8						
5	81	80.5	81.5	40.5	80	82	42	28.1	81	80	47.5	25		
5.5	73	72.5	74	38.5	72	74	40	26.5	73	74	45.5	23.8		
6	66	66	67	37	65	67.5	37.5	25	66	67.5	43.5	22.4	66	68
6.5	56.5	56.1	58.3	35.5	55	58.6	35.5	23.5	55.9	58.1	41.5	21.2	57	59.4
7	49	48.5	50.5	34	47.5	50.8	33.5	22.2	48.3	50.3	40	20	49.3	51.5
7.5	43	42.5	44.4	32	41.5	44.6	32	21.3	42.2	44.1	38.2	19	43.2	45.3
8	38.2	37.6	39.4	30.5	36.6	39.6	30.5	20.5	37.3	39.2	36.2	18.1	38.3	40.3
9	30.7	30.1	31.8	27.5	29.2	32	27.5	18.8	29.8	31.5	32.5	16.4	30.7	32.6
10	25.3	24.7	26.3	25	23.8	26.5	25.5	17.4	24.4	26	28.8	14.9	25.2	27
12		17.3	18.8	19.6	16.5	19	20.9	14.8	17	18.5	21.1	12.6	17.7	19.4
14		12.6	14	14.8	11.8	14.2	16	13	12.2	13.7	16.2	11	12.9	14.5
16					8.5	10.9	12.6	11.5	9	10.4	12.8	9.7	9.6	11.1
18					6.2	8.5	10.1	10	6.6	8	10.3	8.7	7.2	8.7
20									4.8	6.2	8.4	7.9	5.4	6.8
22									3.4	4.8	7	7.3	4	5.4
24													2.9	4.3
26													2	3.3
28														
30														
32														
34														
36														
38														
40														
42														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 23T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	53	29	50.6	52.9	41	31								
7.5	47.2	27.5	44.5	46.7	38.3	30								
8	42.1	26	39.5	41.6	36	29	41.5	36	32	25				
9	34.3	23.5	31.8	33.8	32	26.8	33.6	33	30	23.9	32.7	33.5	26.7	19.3
10	28.6	21.4	26.3	28.1	29	24.7	27.9	28.2	28	22.5	27.1	27.8	25	18.4
12	20.9	18	18.7	20.4	21.1	20.8	20.1	20.4	21.4	20	19.4	20	20.3	16.4
14	16	15.6	13.9	15.5	16	17	15.1	15.4	16.4	16.1	14.4	15	15.3	14.7
16	12.6	13.4	10.5	12.1	12.5	13.6	11.6	11.9	12.9	12.6	11	11.6	11.8	13.2
18	10.1	10.9	8.1	9.6	10	11	9.1	9.4	10.4	10.1	8.5	9.1	9.3	11.1
20	8.2	9	6.2	7.7	8	9	7.2	7.4	8.4	8.1	6.6	7.1	7.4	9.1
22	6.7	7.5	4.8	6.2	6.5	7.4	5.7	5.9	6.9	6.6	5.1	5.6	5.9	7.5
24	5.5	6.3	3.6	5	5.3	6.2	4.5	4.7	5.7	5.4	3.9	4.3	4.7	6.3
26	4.6	5.4	2.7	4.1	4.3	5.2	3.5	3.6	4.7	4.4	2.9	3.3	3.6	5.3
28			1.9	3.3	3.5	4.4	2.7	2.7	3.9	3.6	2.1	2.5	2.8	4.5
30				2.6	2.8	3.7	2	2.1	3.2	2.9		1.8	2.1	3.8
32								1.5	2.6	2.3			1.5	3.2
34									2.1	1.8				2.7
36														2.3
38														1.9
40														
42														
44														
46														
48														
50														
52														
54														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 23T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	27.2	28	22.5	18.6											
12	19.5	20.2	20	16.9	19.5	20.4	20.2	15.6							
14	14.5	15.2	15.7	15.3	14.6	15.4	16.3	14.4	14.7	16.3	15	15.3	15		
16	11.1	11.7	12.2	13.4	11.2	11.9	12.8	13.2	11.3	12.8	12.9	11.8	12.7	12.3	9.2
18	8.5	9.2	9.7	10.8	8.7	9.4	10.2	10.6	8.8	10.3	10.3	9.3	10.1	9.8	9.2
20	6.6	7.3	7.7	8.8	6.8	7.5	8.3	8.7	6.9	8.3	8.3	7.4	8.2	7.8	7.7
22	5	5.8	6.2	7.3	5.2	6	6.8	7.2	5.4	6.8	6.8	5.9	6.6	6.3	6.2
24	3.8	4.5	5	6.1	3.9	4.7	5.6	6	4.2	5.6	5.6	4.7	5.4	5.1	5
26	2.8	3.5	4	5.1	2.9	3.6	4.6	5	3.2	4.6	4.6	3.7	4.4	4.1	4
28	2	2.6	3.1	4.2	2.1	2.8	3.8	4.2	2.3	3.8	3.8	2.8	3.6	3.2	3.2
30		1.9	2.4	3.6		2.1	3.1	3.5	1.6	3.1	3.1	2.1	2.8	2.4	2.4
32			1.8	3		1.5	2.5	2.9		2.5	2.5		2.2	1.8	1.8
34				2.4			2	2.4		1.9	2		1.7		
36				1.9			1.5	1.9		1.5	1.5				
38				1.5				1.5							
40															
42															
44															
46															
48															
50															
52															
54															
56															
58															
60															
62															
64															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 50% Extended, Counterweight Forward 21.3T

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 21.3T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	130													
3	116	115	96	48										
3.5	105	105	92	46	98	95	48	33.2						
4	96.5	96.5	88	44	96	93	46	31.5						
4.5	89	88.5	85	42	88.5	86	44	29.8						
5	80	79.5	81	40.5	79	81.5	42	28.1	80	80	47.5	25		
5.5	72	71.5	73	38.5	71.5	73.5	40	26.5	72	73	45.5	23.8		
6	64.5	64	66.5	37	63	67	37.5	25	64	66.5	43.5	22.4	65.5	67.5
6.5	55	54.3	56.6	35.5	53.5	57	35.5	23.5	54.5	56.5	41.5	21.2	56	58
7	47.5	46.8	49	34	46.1	49.5	33.5	22.2	47	49	40	20	48.5	50.5
7.5	41.5	40.8	43	32	40.3	43.5	32	21.3	41	43	38.2	19	42.5	44.5
8	36.7	36	38	30.5	35.5	38.5	30.5	20.5	36.3	38.2	36.2	18.1	37.5	39.5
9	29.3	28.8	30.6	27.5	28.2	31	27.5	18.8	29	30.8	32.5	16.4	30	32
10	24	23.5	25.2	25	22.9	25.6	25.5	17.4	23.6	25.4	28	14.9	24.5	26.5
12		16.4	18	18.8	15.7	18.3	20	14.8	16.4	18	20.6	12.6	17.4	19
14		11.8	13.2	14.2	11.2	13.6	15.3	13	11.8	13.3	15.7	11	12.7	14.2
16					8	10.3	12	11.5	8.6	10	12.4	9.7	9.5	11
18					5.6	7.9	9.6	9.6	6.2	7.6	9.9	8.7	7	8.5
20									4.4	5.8	8	7.9	5.2	6.6
22									3	4.4	6.6	7.2	3.7	5.1
24													2.5	4
26													1.6	3
28														
30														
32														
34														
36														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 21.3T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	52.5	29	49.5	52	41	31								
7.5	46.3	27.5	43.5	45.8	38.3	30								
8	41.3	26	38.5	40.8	36	29	39.5	36	32	25				
9	33.6	23.5	31	33.2	32	26.8	32.3	32.5	30	23.9	31.5	32	26.7	19.3
10	28	21.4	25.7	27.7	28	24.7	26.8	27	28	22.5	26	26.5	25	18.4
12	20.6	18	18.4	20.2	20.3	20.8	19.3	19.6	20.8	20	18.6	19.2	19.6	16.4
14	15.7	15.6	13.6	15.4	15.5	16.5	14.5	14.8	16	15.7	14	14.4	14.8	14.7
16	12.3	13	10.3	12	12	13	11.2	11.5	12.5	12.3	10.5	11	11.5	13.2
18	9.8	10.6	7.9	9.5	9.6	10.6	8.8	9	10	9.8	8.1	8.5	9	11
20	7.9	8.7	6	7.5	7.7	8.7	6.9	7	8.2	7.9	6.2	6.6	7	9.1
22	6.4	7.2	4.5	6	6.2	7.2	5.4	5.5	6.7	6.4	4.8	5.2	5.5	7.5
24	5.2	6	3.3	4.8	5	5.9	4.1	4.3	5.5	5.2	3.5	4	4.3	6.2
26	4.2	5	2.3	3.8	4	4.9	3.1	3.3	4.5	4.2	2.5	3	3.3	5.2
28			1.6	3	3.1	4	2.3	2.5	3.6	3.3	1.7	2.1	2.5	4.3
30				2.3	2.4	3.4	1.6	1.8	2.9	2.6		1.5	1.8	3.7
32									2.3	2				3
34									1.8	1.5				2.5
36														2
38														1.6
40														
42														
44														
46														
48														
50														
52														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 21.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	26	26.7	22.5	18.6											
12	18.6	19.3	20	16.9	18.7	19.6	20.2	15.6							
14	13.8	14.5	15.2	15.3	14	14.8	16	14.4	14.3	16	15	14.8	15		
16	10.5	11.2	11.8	13.2	10.6	11.5	12.7	13.2	11	12.5	12.7	11.4	12.4	11.9	9.2
18	8	8.7	9.3	10.7	8.2	9	10.2	10.6	8.5	10	10.2	8.9	9.9	9.4	9.2
20	6.1	6.8	7.4	8.7	6.3	7.1	8.2	8.7	6.6	8.1	8.3	7	7.9	7.4	7.5
22	4.6	5.3	5.8	7.2	4.8	5.6	6.7	7.2	5.1	6.6	6.7	5.5	6.4	6	6
24	3.4	4.1	4.6	6	3.6	4.4	5.5	5.9	3.8	5.4	5.5	4.3	5.1	4.7	4.7
26	2.4	3.1	3.6	4.9	2.6	3.4	4.4	4.9	2.8	4.4	4.5	3.3	4.1	3.7	3.7
28	1.6	2.2	2.8	4.1	1.8	2.5	3.6	4	2	3.5	3.6	2.4	3.2	2.8	2.9
30		1.5	2.1	3.3		1.8	2.8	3.3		2.8	2.8	1.7	2.5	2.1	2.1
32			1.5	2.7			2.2	2.6		2.1	2.2		1.9	1.5	1.5
34				2.1			1.7	2.1		1.6	1.7				
36				1.7				1.6							
38															
40															
42															
44															
46															
48															
50															
52															
54															
56															
58															
60															
62															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 50% Extended, Counterweight Forward 17.3T

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 17.3T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	128													
3	115	114	96	48										
3.5	104	104	92	46	98	95	48	33.2						
4	95	95	88	44	95	93	46	31.5						
4.5	86.5	86.5	85	42	86	86	44	29.8						
5	77.5	77	78.5	40.5	76.5	78.5	42	28.1	77	78.5	47.5	25		
5.5	69.5	69.5	70.5	38.5	68.5	71	40	26.5	69.5	71	45.5	23.8		
6	58.4	57.7	60	37	56.8	60.7	37.5	25	58	60.5	43.5	22.4	59	61.8
6.5	49.4	48.8	51	35.5	48	51.6	35.5	23.5	49	51.4	41.5	21.2	50.4	52.7
7	42.5	42	44	34	41.2	44.6	33.5	22.2	42.2	44.4	40	20	43.5	45.6
7.5	37	36.6	38.5	32	35.8	39.1	32	21.3	36.8	38.8	38.2	19	38	40
8	32.7	32.2	34	30.5	31.6	34.6	30.5	20.5	32.4	34.3	36.2	18.1	33.5	35.5
9	26	25.5	27.3	27.5	24.9	27.8	27.5	18.8	25.7	27.5	30.4	16.4	26.7	28.6
10	21.2	20.7	22.4	23.3	20.1	22.8	24.8	17.4	20.8	22.5	25.3	14.9	21.8	23.6
12		14.1	15.7	16.6	13.5	16.1	18	14.8	14.2	15.8	18.4	12.6	15.1	16.8
14		9.9	11.4	12.3	9.3	11.7	13.5	13	10	11.5	13.9	11	10.8	12.4
16					6.4	8.7	10.4	10.4	7	8.5	10.8	9.7	7.8	9.3
18					4.3	6.5	8.2	8.2	4.8	6.3	8.5	8.7	5.7	7.1
20									3.2	4.6	6.8	7.4	4	5.4
22									1.9	3.3	5.5	6.1	2.7	4
24													1.6	2.9
26														2.1
28														
30														
32														
34														
36														
38														
40														
42														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 17.3T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	54.5	29.5												
7	47.7	29	44.6	47	41	31								
7.5	42	27.5	39.2	41.4	38.3	30								
8	37.4	26	34.8	36.8	36	29	35.5	36	32	25				
9	30.3	23.5	27.9	29.8	30	26.8	28.8	29.2	30	23.9	28	28.6	26.7	19.3
10	25.2	21.4	22.9	24.8	25	24.7	23.8	24.2	25.5	22.5	23.2	23.8	24	18.4
12	18.3	18	16.1	17.9	18.1	19.2	17	17.4	18.7	18.3	16.4	17	17.4	16.4
14	13.9	14.7	11.8	13.5	13.6	14.7	12.7	13	14.2	13.9	12	12.6	13	14.7
16	10.8	11.6	8.7	10.4	10.5	11.6	9.6	9.9	11.1	10.8	9	9.5	9.9	12
18	8.5	9.3	6.5	8.1	8.2	9.3	7.3	7.6	8.8	8.5	6.8	7.2	7.6	9.7
20	6.7	7.5	4.8	6.3	6.5	7.5	5.6	5.9	7	6.7	5	5.5	5.9	7.9
22	5.3	6.1	3.4	4.9	5.1	6.1	4.3	4.5	5.6	5.3	3.7	4.1	4.5	6.5
24	4.2	5	2.3	3.8	4	4.9	3.2	3.4	4.5	4.2	2.6	3	3.4	5.3
26	3.3	4.1	1.5	2.9	3	4	2.3	2.5	3.6	3.3	1.7	2.1	2.5	4.4
28				2.2	2.3	3.2	1.5	1.7	2.8	2.5			1.7	3.6
30				1.5	1.6	2.6			2.1	1.9				2.9
32									1.6					2.3
34														1.9
36														
38														
40														
42														
44														
46														
48														
50														
52														
54														
56														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 17.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	23	23.8	24.5	18.6											
12	16.3	17.1	17.7	16.9	16.3	17.3	18.5	19							
14	11.9	12.7	13.3	14.7	12	13	14	14.6	12.3	14	14.2	13	13.9		
16	8.9	9.6	10.2	11.6	9	9.9	11	11.6	9.3	11	11	9.9	10.8	10.3	10.3
18	6.6	7.3	7.9	9.3	6.8	7.7	8.7	9.2	7.1	8.7	8.8	7.6	8.5	8	8.1
20	4.9	5.6	6.2	7.6	5.1	5.9	7	7.4	5.4	6.9	7	5.8	6.7	6.3	6.3
22	3.6	4.2	4.8	6.1	3.7	4.5	5.6	6	4	5.5	5.6	4.4	5.3	4.9	4.9
24	2.5	3.1	3.7	5	2.6	3.4	4.5	4.9	2.9	4.4	4.5	3.3	4.2	3.8	3.8
26	1.6	2.2	2.8	4	1.7	2.5	3.5	4	2	3.5	3.6	2.4	3.2	2.9	2.9
28		1.5	2	3.2		1.7	2.7	3.2		2.7	2.8	1.6	2.5	2.1	2.1
30				2.6			2.1	2.5		2	2.1		1.8		
32				2			1.5	2		1.5	1.5				
34				1.5				1.5							
36															
38															
40															
42															
44															
46															
48															
50															
52															
54															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 50% Extended, Counterweight Forward 13.3T

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 13.3T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	126													
3	114	113	96	48										
3.5	103	103	92	46	98	95	48	33.2						
4	94	94	88	44	94	93	46	31.5						
4.5	84	83.5	85	42	83	85.5	44	29.8						
5	75	74.5	76	40.5	74	76.5	42	28.1	75	76	47.5	25		
5.5	63	62.2	64.8	38.5	61.4	65.5	40	26.5	62.5	65	45.5	23.8		
6	52	51.3	53.7	37	50.5	54.2	37.5	25	51.6	54	43.5	22.4	53	55.5
6.5	43.9	43.3	45.5	35.5	42.5	46	35.5	23.5	43.5	45.8	41.5	21.2	44.8	47.2
7	37.7	37.1	39.2	34	36.3	39.8	33.5	22.2	37.4	39.5	40	20	38.5	40.8
7.5	32.8	32.2	34.2	32	31.5	34.8	32	21.3	32.5	34.5	37.6	19	33.6	35.7
8	28.8	28.3	30.2	30.5	27.5	30.7	30.5	20.5	28.5	30.4	33.5	18.1	29.5	31.6
9	22.7	22.2	24	25	21.5	24.5	26.5	18.8	22.4	24.2	27	16.4	23.4	25.3
10	18.3	17.8	19.5	20.5	17.2	19.9	22	17.4	18	19.7	22.5	14.9	19	20.7
12		11.9	13.4	14.4	11.3	13.8	15.7	14.8	12	13.6	16.1	12.6	12.9	14.5
14		8.1	9.5	10.4	7.5	9.9	11.7	11.6	8.1	9.6	12.1	11	9	10.6
16					4.8	7.2	8.9	8.9	5.4	6.9	9.2	9.7	6.3	7.8
18					2.9	5.2	6.8	6.8	3.5	4.9	7.2	7.8	4.3	5.7
20									2	3.4	5.6	6.2	2.8	4.2
22										2.2	4.4	5	1.6	3
24														2
26														
28														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 13.3T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	56.5	30.5												
6.5	49.3	29.5												
7	42.8	29	39.8	42.2	41	31								
7.5	37.6	27.5	34.8	37.2	37.3	30								
8	33.4	26	30.8	33	33.2	29	32	32.2	32	25				
9	27	23.5	24.6	26.7	26.8	26.8	25.7	26	27.5	23.9	24.9	25.4	26	19.3
10	22.4	21.4	20.1	22	22.2	23.3	21.1	21.4	22.8	22.5	20.4	20.9	21.5	18.4
12	16.1	17	13.9	15.7	15.9	17	14.9	15.2	16.5	16.2	14.2	14.7	15.2	16.4
14	12	12.9	10	11.7	11.8	12.9	10.9	11.2	12.4	12.1	10.2	10.7	11.2	13.2
16	9.2	10	7.2	8.9	9	10	8.1	8.4	9.6	9.2	7.5	7.9	8.4	10.4
18	7.1	7.9	5.2	6.8	6.9	7.9	6	6.3	7.5	7.1	5.4	5.9	6.3	8.3
20	5.5	6.3	3.6	5.2	5.3	6.3	4.4	4.7	5.9	5.5	3.8	4.3	4.7	6.7
22	4.2	5	2.4	3.9	4	5	3.2	3.4	4.6	4.3	2.6	3.1	3.4	5.4
24	3.2	4		2.9	3	3.9	2.2	2.4	3.5	3.2	1.6	2.1	2.4	4.4
26	2.4	3.2		2.1	2.2	3.1		1.6	2.7	2.4			1.6	3.5
28					1.5	2.4			2	1.7				2.8
30						1.8								2.2
32														1.7
34														
36														
38														
40														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 13.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	20.2	21	21.8	18.6											
12	14.1	14.8	15.6	16.9	14.3	15.2	16.5	17							
14	10.1	10.8	11.5	13	10.3	11.2	12.4	12.9	10.6	12.3	12.5	11	12		
16	7.3	8	8.7	10.1	7.5	8.4	9.5	10	7.8	9.5	9.6	8.3	9.2	8.7	8.8
18	5.3	6	6.6	8	5.5	6.3	7.4	7.9	5.7	7.4	7.5	6.2	7.1	6.7	6.7
20	3.7	4.4	5	6.3	3.9	4.7	5.8	6.3	4.1	5.8	5.9	4.6	5.5	5.1	5.1
22	2.5	3.2	3.7	5	2.7	3.4	4.5	5	2.9	4.5	4.6	3.3	4.2	3.8	3.8
24	1.5	2.2	2.7	4	1.7	2.4	3.5	4	1.9	3.4	3.5	2.3	3.2	2.8	2.8
26			1.9	3.1		1.6	2.7	3.1		2.6	2.7	1.5	2.3	1.9	2
28				2.4			2	2.4		1.9	2		1.6		
30				1.8				1.8							
32															
34															
36															
38															
40															
42															
44															
46															
48															
50															
52															
54															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 50% Extended, Counterweight Forward 11T

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 11T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	126													
3	114	113	96	48										
3.5	103	103	92	46	98	95	48	33.2						
4	93.5	93	88	44	92.5	93	46	31.5						
4.5	82.5	82	83.5	42	81.5	84	44	29.8						
5	73.3	72.6	74.5	40.5	71.5	75	42	28.1	73	74.5	47.5	25		
5.5	58.5	57.9	60.5	38.5	57	61.2	40	26.5	58.3	60.8	45.5	23.8		
6	48.3	47.6	50	37	46.8	50.7	37.5	25	48	50.4	43.5	22.4	49.3	51.8
6.5	40.7	40	42.3	35.5	39.3	43	35.5	23.5	40.4	42.6	41.5	21.2	41.6	44
7	34.8	34.2	36.3	34	33.6	37	33.5	22.2	34.5	36.6	40	20	35.7	38
7.5	30.2	29.6	31.6	32	29	32.2	32	21.3	29.9	31.9	35.2	19	31	33.2
8	26.5	25.9	27.8	29	25.3	28.4	30.5	20.5	26.1	28	31.2	18.1	27.3	29.3
9	20.7	20.2	22	23.1	19.6	22.5	24.6	18.8	20.4	22.2	25.2	16.4	21.5	23.4
10	16.6	16.1	17.8	18.9	15.5	18.3	20.3	17.4	16.3	18	20.8	14.9	17.3	19.1
12		10.5	12.1	13.1	10	12.5	14.4	14.2	10.7	12.2	14.8	12.6	11.6	13.2
14		7	8.4	9.4	6.4	8.8	10.6	10.5	7	8.5	11	11	7.9	9.5
16					3.9	6.2	8	8	4.5	6	8.3	8.9	5.4	6.8
18					2.1	4.4	6	6.1	2.7	4.1	6.4	7	3.5	4.9
20										2.6	4.9	5.5	2.1	3.4
22										1.5	3.7	4.3		2.3
24														
26														
28														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 11T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	54	30.5												
6.5	46	29.5												
7	40	29	37	39.4	39.6	31								
7.5	35.1	27.5	32.3	34.6	34.8	30								
8	31.1	26	28.5	30.7	30.9	29	29.7	30	31.6	25				
9	25.1	23.5	22.6	24.7	24.9	26	23.8	24.1	25.6	23.9	22.9	23.5	24	19.3
10	20.7	21.4	18.4	20.3	20.5	21.7	19.5	19.8	21.2	20.7	18.7	19.2	19.8	18.4
12	14.8	15.6	12.6	14.4	14.5	15.7	13.6	13.9	15.2	14.8	12.9	13.4	13.9	16
14	10.9	11.8	8.9	10.6	10.7	11.8	9.8	10.1	11.3	11	9.1	9.6	10.1	12.3
16	8.3	9.1	6.3	7.9	8.1	9.1	7.2	7.4	8.6	8.3	6.5	7	7.4	9.6
18	6.3	7.1	4.4	6	6.1	7.1	5.2	5.5	6.7	6.3	4.6	5.1	5.5	7.6
20	4.8	5.6	2.9	4.5	4.6	5.6	3.7	4	5.1	4.8	3.1	3.6	4	6
22	3.6	4.4	1.8	3.3	3.4	4.4	2.6	2.8	3.9	3.6	2	2.4	2.8	4.8
24	2.6	3.5		2.3	2.4	3.4	1.6	1.8	3	2.7		1.5	1.9	3.8
26	1.9	2.7		1.5	1.6	2.6			2.2	1.9				3
28						1.9			1.5					2.3
30														1.7
32														
34														
36														
38														
40														
42														
44														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 11T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	18.5	19.3	20	21.8											
12	12.8	13.5	14.2	15.8	13	13.9	15.1	15.7							
14	9	9.8	10.4	11.9	9.2	10.1	11.3	11.8	9.5	11.3	11.4	10	11		
16	6.4	7.1	7.8	9.2	6.6	7.5	8.6	9.1	6.9	8.6	8.7	7.4	8.3	7.8	7.8
18	4.5	5.2	5.8	7.2	4.7	5.5	6.6	7.1	5	6.6	6.7	5.4	6.3	5.9	5.9
20	3	3.7	4.3	5.6	3.2	4	5.1	5.6	3.5	5.1	5.2	3.9	4.8	4.4	4.4
22	1.9	2.5	3.1	4.5	2	2.8	3.9	4.4	2.3	3.9	4	2.7	3.6	3.2	3.2
24		1.6	2.1	3.4		1.9	2.9	3.4		2.9	3	1.8	2.6	2.2	2.2
26				2.6			2.1	2.6		2.1	2.2		1.8		
28				2			1.5	1.9			1.5				
30															
32															
34															
36															
38															
40															
42															
44															
46															
48															
50															
52															
54															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 50% Extended, Counterweight Forward 1.3T

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 1.3T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	32.9
2.5	122													
3	110	110	96	48										
3.5	99	98.5	92	46	98	95	48	33.2						
4	86	85.5	86.5	44	85	87	46	31.5						
4.5	68	67.2	70.6	42	66	71.6	44	29.8						
5	51.2	50.5	53.3	40.5	49.4	54.2	42	28.1	50.7	53.7	47.5	25		
5.5	40.4	39.7	42.3	38.5	38.8	43	40	26.5	40	42.6	45.5	23.8		
6	32.8	32.2	34.5	36	31.3	35.2	37.5	25	32.5	34.8	38.8	22.4	33.8	36.3
6.5	27.2	26.6	28.8	30.2	25.8	29.4	32	23.5	26.9	29	32.8	21.2	28.2	30.5
7	22.9	22.4	24.5	25.8	21.6	25	27.5	22.2	22.6	24.7	28.2	20	23.8	26
7.5	19.5	19	21	22.2	18.3	21.5	23.9	21.3	19.2	21.2	24.5	19	20.4	22.5
8	16.8	16.3	18.2	19.4	15.6	18.7	21	20.5	16.5	18.4	21.6	18.1	17.6	19.6
9	12.6	12.1	13.9	15	11.5	14.4	16.5	16.5	12.3	14.1	17	16.4	13.4	15.2
10	9.6	9.1	10.8	11.9	8.5	11.2	13.3	13.3	9.3	11	13.8	14.5	10.3	12
12		5	6.6	7.6	4.5	7	8.9	8.9	5.2	6.8	9.3	10	6.1	7.7
14		2.4	3.9	4.9	1.9	4.3	6.1	6.1	2.5	4.1	6.5	7.1	3.4	4.9
16						2.4	4.1	4.1		2.2	4.5	5.1	1.6	3
18							2.7	2.7			3	3.6		1.6
20											1.9	2.5		
22												1.7		
24														
26														
28														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46	0
3	0	46	0	0	46	0	0	0	46	46	0	0	46	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0	46
7	0	0	0	46	0	0	46	92	0	0	46	92	0	0

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 1.3T, (Unit): T													
	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	38.6	30.5												
6.5	32.7	29.5												
7	28.1	29	25	27.6	27.8	29.2								
7.5	24.5	25.6	21.7	24	24.2	25.6								
8	21.5	22.6	18.8	21	21.3	22.6	20	20.4	22	21.5				
9	17	18	14.5	16.6	16.8	18	15.6	16	17.5	17	14.8	15.4	16	18.6
10	13.7	14.7	11.4	13.3	13.5	14.7	12.4	12.8	14.2	13.8	11.7	12.2	12.8	15.3
12	9.3	10.2	7.1	8.9	9.1	10.2	8.1	8.4	9.7	9.4	7.4	7.9	8.4	10.7
14	6.4	7.3	4.4	6.1	6.2	7.3	5.3	5.6	6.8	6.5	4.6	5.1	5.6	7.8
16	4.4	5.3	2.5	4.1	4.2	5.3	3.3	3.6	4.8	4.5	2.7	3.2	3.6	5.7
18	3	3.8		2.6	2.7	3.8	1.9	2.1	3.3	3		1.8	2.2	4.2
20	1.9	2.7		1.5	1.6	2.6			2.2	1.9				3.1
22		1.8				1.7								2.2
24														
26														
28														
30														
32														
34														
36														
Parts of line	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 1.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	11.5	12.3	13.1	14.8											
12	7.3	8	8.7	10.3	7.5	8.4	9.7	10.2							
14	4.5	5.2	5.9	7.4	4.7	5.6	6.8	7.3	5	6.7	6.9	5.5	6.5		
16	2.6	3.3	3.9	5.4	2.8	3.6	4.8	5.3	3	4.7	4.8	3.5	4.5	4	4
18		1.9	2.5	3.9		2.2	3.3	3.8	1.6	3.2	3.3	2.1	3	2.5	2.6
20				2.7			2.2	2.6		2.1	2.2		1.9	1.5	1.5
22				1.8				1.7							
24															
26															
28															
30															
32															
34															
36															
38															
40															
42															
44															
46															
48															
50															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight in Middle Position 52T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 52T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	160												
3	130	115	96	48									
3.5	126	110	92	46	98	95	48	33.2					
4	117	106	88	44	98	93	46	31.5					
4.5	108	101	85	42	98	86	44	29.8					
5	99	96	82	40.5	94	82	42	28.1	85	80	47.5	25	
5.5	91	90	78	38.5	87	79	40	26.5	81.5	76.5	45.5	23.8	
6	84	84	73	37	80.5	75.5	37.5	25	78	73	43.5	22.4	72
6.5	78	78	68.5	35.5	75	72.5	35.5	23.5	74	69	41.5	21.2	72
7	72.5	72	64.5	34	70	70.5	33.5	22.2	69.5	65	40	20	71.5
7.5	67.5	67	60.5	32	65.5	66.5	32	21.3	65.5	62.5	38.2	19	67
8	63	62.5	57.5	30.5	61.5	63	30.5	20.5	62	60	36.2	18.1	63
9	55	55	51.5	27.5	54	55.5	27.5	18.8	54.5	54.5	32.5	16.4	55.5
10	49	49	46.5	25	48	49.5	25.5	17.4	48.5	49.5	29.5	14.9	49.5
12		39.6	38.5	22	39.5	40.5	21.5	14.8	39.5	40.5	24.8	12.6	40.3
14		32.7	32	19.5	33	34	19	13	32.8	33.8	21.5	11	33.5
16					28	28.8	17	11.5	27.8	28.8	19	9.7	28.3
18					24.5	25	15.5	10.5	23.8	24.8	17	8.7	24.3
20									20.5	21.5	15.5	7.9	21.3
22									18	19	14.4	7.3	18.5
24													16.5
26													14.5
28													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 52T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	70	56.5	30.5												
6.5	67.5	54.5	29.5												
7	65	53	29	59	54	41	31								
7.5	62.5	51	27.5	57.5	53	38.3	30								
8	60	49	26	56	52	36	29	52	36	32	25				
9	55	45	23.5	53.5	49.5	32	26.8	49	33	30	23.9	37	37	26.7	19.3
10	50.5	41.6	21.4	49.5	47	29	24.7	46	30.8	28	22.5	36	34	25	18.4
12	41.5	35.5	18	40.5	39.5	24.5	20.8	41	26	24.1	20	31.8	29.5	22.2	16.4
14	34.7	31	15.6	34	34	21.4	18.1	34.5	22.5	21.1	18	28.4	26	19.7	14.7
16	29.5	27.5	13.7	29	29.5	19	16.1	29.8	19.8	18.6	16	25.5	23.3	17.7	13.2
18	25.5	24.5	12.4	25	26	17	14.5	25.8	17.7	16.7	14.5	22	21	16.1	11.9
20	22.5	22	11.3	21.8	23	15.5	13.2	22.5	16	15.2	13.2	19.2	19.3	14.7	10.8
22	19.8	19.9	10.4	19.3	20.5	13.9	12.1	19.8	14.7	13.9	12.2	17	17.1	13.5	10
24	17.5	18.1	9.7	16.8	18.3	12.6	11	17.6	13.6	12.8	11.3	15.1	15.2	12.5	9.2
26	15.6	16.4	9.1	15	16.5	11.5	10	15.7	12.5	11.8	10.6	13.5	13.6	11.4	8.6
28				13.5	14.8	10.5	9.1	14.1	11.5	10.8	10	12.2	12.3	10.4	7.9
30				12	13.5	9.6	8.3	12.6	10.6	10	9.2	11.1	11.2	9.5	7.3
32								11.4	9.8	9.2	8.6	10.1	10.2	8.6	6.8
34								10.3	9.1	8.5	8	9.2	9.3	7.8	6.3
36												8.4	8.5	7	5.9
38												7.6	7.7	6.4	5.5
40															
42															
44															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 52T, (Unit): T															
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5	
10	31.5	28.8	22.5	18.6												
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6								
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15			
16	23.7	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2	
18	21.2	20	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2	
20	19.1	18	14.2	11.9	17	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1	
22	17.3	16.4	13.1	11	15.3	14.5	12.5	10.1	13.1	12.2	11.5	12.5	11.4	11.5	9	
24	15.5	15.2	12.1	10.2	13.9	13.1	11.5	9.4	12.1	11.3	10.7	11.5	10.6	10.1	8.9	
26	13.9	13.7	11.3	9.5	12.7	12	10.7	8.6	11.3	10.5	10	10.5	9.9	9.5	8.4	
28	12.5	12.6	10.6	8.9	11.7	11.1	10	7.9	10.6	9.7	9.5	10	9.3	8.9	7.8	
30	11.4	11.5	9.8	8.2	10.8	10.3	9.5	7.3	10	9	9	9.2	8.6	8.4	7.3	
32	10.2	10.4	9.1	7.6	10	9.6	8.8	6.8	9.3	8.4	8.5	8.5	8	8	6.9	
34	9.2	9.6	8.5	7.1	9.2	8.9	8.1	6.3	8.7	7.9	8	8	7.5	7.5	6.6	
36	8.2	8.7	7.9	6.6	8.2	8.3	7.5	5.9	8.1	7.4	7.5	7.5	7	7	6.3	
38	7.3	7.9	7.3	6.2	7.4	7.8	7.1	5.5	7.3	7	7.1	7.1	6.6	6.6	6	
40	6.6	7.2	6.7	5.8	6.6	7.2	6.6	5.1	6.6	6.6	6.7	6.7	6.2	6.2	5.7	
42	5.9	6.5	6.1	5.4	5.9	6.6	6.2	4.8	5.9	6.2	6.3	6.1	5.8	5.9	5.4	
44					5.3	6	5.7	4.5	5.3	5.9	5.9	5.6	5.5	5.5	5.1	
46					4.7	5.5	5.3	4.2	4.8	5.6	5.6	5.1	5.2	5.1	4.8	
48									4.3	5.3	5.3	4.6	4.9	4.7	4.4	
50									3.9	5	5	4.1	4.7	4.3	4	
52												3.7	4.4	3.9	3.6	
54												3.3	4.1	3.6	3.3	
56														3.2	2.9	
58														2.9	2.7	
60															2.4	
62															2.2	
64															1.9	
66																
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2	
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100	
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100	
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100	
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100	
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100	
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100	

Outrigger 100% Extended, Counterweight in Middle Position 41T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 41T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	150												
3	130	115	96	48									
3.5	124	110	92	46	98	95	48	33.2					
4	114	106	88	44	98	93	46	31.5					
4.5	103	101	85	42	98	86	44	29.8					
5	93.5	93.5	82	40.5	90	82	42	28.1	85	80	47.5	25	
5.5	85.5	86	78	38.5	82	79	40	26.5	81.5	76.5	45.5	23.8	
6	78.5	79	73	37	75.5	75.5	37.5	25	76.5	73	43.5	22.4	72
6.5	72.6	73	68.5	35.5	69.8	72	35.5	23.5	71	69	41.5	21.2	71
7	67.5	67.5	64.5	34	65	67.5	33.5	22.2	66	65	40	20	66.5
7.5	62.8	62.7	60.5	32	61	63.2	32	21.3	62	61	38.2	19	62.5
8	58.5	58.3	57.5	30.5	57.5	59.5	30.5	20.5	58.3	57.5	36.2	18.1	59
9	51.3	51.3	51.2	27.5	50.5	52.5	27.5	18.8	51.2	51.3	32.5	16.4	52
10	46	45.5	46.2	25	45.2	46.5	25.5	17.4	45.5	46.5	29.5	14.9	46
12		36.7	37.5	22	37.5	38	21.5	14.8	36.7	38	24.8	12.6	37.5
14		30.2	31	19.5	32	31.5	19	13	30.3	31.5	21.5	11	31
16					26.6	26.5	17	11.5	25.5	26.7	19	9.7	26
18					21.7	22.5	15.5	10.5	21.5	22.8	17	8.7	22.2
20									18.3	19.7	15.5	7.9	18.5
22									15.4	16.9	14.4	7.3	15.8
24													13.6
26													11.8
28													
30													
32													
34													
36													
38													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 41T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	70	56.5	30.5												
6.5	67.5	54.5	29.5												
7	65	53	29	59	54	41	31								
7.5	62.5	51	27.5	57.5	53	38.3	30								
8	58.8	49	26	56	52	36	29	52	36	32	25				
9	52.4	45	23.5	51.5	49.5	32	26.8	49	33	30	23.9	37	37	26.7	19.3
10	47.3	41.6	21.4	47	45.5	29	24.7	46	30.8	28	22.5	36	34	25	18.4
12	38.7	35.5	18	38.2	38.2	24.5	20.8	38.8	26	24.1	20	31.8	29.5	22.2	16.4
14	32.2	30.5	15.6	32	33	21.4	18.1	32.6	22.5	21.1	18	28.4	26	19.7	14.7
16	27.2	27	13.7	27	28.3	19	16.1	27.8	19.8	18.6	16	25.5	23.3	17.7	13.2
18	23.2	24	12.4	23	24.5	17	14.5	24	17.7	16.7	14.5	22	21	16.1	11.9
20	20	21.2	11.3	19.5	21.2	15.5	13.2	20.5	16	15.2	13.2	19.2	19.3	14.7	10.8
22	17.5	18.7	10.4	16.6	18.3	13.9	12.1	17.5	14.7	13.9	12.2	16.6	17	13.5	10
24	15.1	16.4	9.7	14.3	15.9	12.6	11	15.1	13.6	12.8	11.3	14.2	14.6	12.5	9.2
26	13.2	14.5	9.1	12.4	13.9	11.5	10	13.1	12.5	11.8	10.6	12.2	12.6	11.4	8.6
28				10.8	12.3	10.5	9.1	11.5	11.5	10.8	10	10.6	11	10.4	7.9
30				9.5	11	9.6	8.3	10.1	10.2	10	9.2	9.2	9.8	9.5	7.3
32								9	9.1	9.2	8.6	8.1	8.6	8.6	6.8
34								8	8.1	8.5	8	7.1	7.6	7.8	6.3
36												6.3	6.8	7	5.9
38												5.6	6	6.4	5.5
40															
42															
44															
46															
48															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 41T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	23.5	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	21	20	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	19	18	14.2	11.9	17	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	16.2	16.4	13.1	11	15.3	14.5	12.5	10.1	13.1	12.2	11.5	12.5	11.4	11.5	9
24	13.8	14.5	12.1	10.2	13.9	13.1	11.5	9.4	12.1	11.3	10.7	11.5	10.6	10.1	8.9
26	11.9	12.5	11.3	9.5	11.9	12	10.7	8.6	11.3	10.5	10	10.5	9.9	9.5	8.4
28	10.2	10.9	10.6	8.9	10.3	11	10	7.9	10.5	9.7	9.5	10	9.3	8.9	7.8
30	8.9	9.5	9.8	8.2	8.9	9.7	9.5	7.3	9.1	9	9	9.2	8.6	8.4	7.3
32	7.7	8.4	9	7.6	7.8	8.6	8.8	6.8	8	8.4	8.5	8.1	8	8	6.9
34	6.8	7.4	8.1	7.1	6.8	7.6	8.1	6.3	7	7.9	8	7.1	7.5	7.3	6.6
36	5.9	6.6	7.2	6.6	6	6.7	7.5	5.9	6.1	7.4	7.5	6.2	7	6.4	6.3
38	5.2	5.8	6.5	6.2	5.2	6	6.9	5.5	5.3	6.7	6.9	5.5	6.3	5.7	5.6
40	4.5	5.2	5.8	5.8	4.5	5.3	6.3	5.1	4.6	6	6.2	4.8	5.7	5	5
42	4	4.6	5.2	5.4	4	4.7	5.7	4.8	4	5.4	5.6	4.1	5.1	4.4	4.4
44					3.5	4.2	5.2	4.5	3.5	4.9	5.1	3.6	4.6	3.9	3.9
46					3	3.8	4.7	4.2	3.1	4.5	4.6	3.2	4.1	3.5	3.4
48									2.7	4	4.2	2.8	3.7	3.1	3
50									2.2	3.7	3.8	2.4	3.3	2.7	2.6
52												2.1	3	2.4	2.3
54												1.8	2.7	2.1	2
56														1.8	1.8
58														1.5	1.5
60															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight in Middle Position 31T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	150												
3	130	115	96	48									
3.5	122	110	92	46	98	95	48	33.2					
4	111	106	88	44	98	93	46	31.5					
4.5	99.5	98.5	85	42	95	86	44	29.8					
5	89.5	89.5	82	40.5	87.5	82	42	28.1	85	80	47.5	25	
5.5	81	81.2	78	38.5	80	78.5	40	26.5	79.5	76.5	45.5	23.8	
6	74	74.2	73	37	73.5	73	37.5	25	73	73	43.5	22.4	72
6.5	68.2	68.3	68	35.5	67.5	68	35.5	23.5	67.8	68	41.5	21.2	67.5
7	63	63	63.5	34	62.3	63.5	33.5	22.2	62.5	63.5	40	20	63
7.5	58.5	58.5	59.5	32	57.7	59.5	32	21.3	58.2	59.5	38.2	19	59
8	54.5	54.5	55.5	30.5	53.8	55.5	30.5	20.5	54.4	55.5	36.2	18.1	55
9	47.5	47.6	48.8	27.5	46.8	49	27.5	18.8	47.5	48.8	32.5	16.4	48.4
10	42.5	42.3	43.3	25	42	43.5	25.5	17.4	42.3	43.5	29.5	14.9	43
12		34	34.7	22	34.8	35.1	21.5	14.8	34	35	24.8	12.6	34.6
14		27.6	28.5	19.5	27.5	28.8	19	13	27.5	28.8	21.5	11	28.2
16					21.5	24	17	11.5	22	23.7	19	9.7	22.9
18					17.3	19.7	15.5	10.5	17.7	19.3	17	8.7	18.5
20									14.5	16	15.5	7.9	15.2
22									11.9	13.4	14.4	7.3	12.6
24													10.5
26													8.8
28													
30													
32													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	70	56.5	30.5												
6.5	67.5	54.5	29.5												
7	64	53	29	59	54	41	31								
7.5	60	51	27.5	57.5	53	38.3	30								
8	56.2	49	26	55	52	36	29	52	36	32	25				
9	49.5	45	23.5	49	49	32	26.8	48.8	33	30	23.9	37	37	26.7	19.3
10	44.2	40.8	21.4	43.7	44.5	29	24.7	44.2	30.8	28	22.5	36	34	25	18.4
12	35.8	34.2	18	35.3	36.6	24.5	20.8	36	26	24.1	20	31.8	29.5	22.2	16.4
14	29.5	29.5	15.6	29	30.5	21.4	18.1	30	22.5	21.1	18	28.4	26	19.7	14.7
16	24.4	25	13.7	23.6	25.4	19	16.1	24.5	19.8	18.6	16	23.5	23.3	17.7	13.2
18	20	21.3	12.4	19.2	20.9	17	14.5	20	17.7	16.7	14.5	19.1	19.6	16.1	11.9
20	16.7	18	11.3	15.9	17.5	15.5	13.2	16.6	16	15.2	13.2	15.7	16.2	14.7	10.8
22	14.1	15.4	10.4	13.3	14.9	13.9	12.1	14	14.1	13.9	12.2	13.1	13.6	13.5	10
24	12	13.3	9.7	11.2	12.8	12.6	11	11.9	12	12.8	11.3	11	11.5	11.9	9.2
26	10.3	11.6	9.1	9.5	11.1	11.2	10	10.1	10.3	11.5	10.6	9.3	9.8	10.2	8.6
28				8.1	9.7	9.8	9.1	8.7	8.9	10.1	9.8	7.9	8.4	8.8	7.9
30				6.9	8.5	8.6	8.3	7.5	7.7	9	8.6	6.7	7.2	7.6	7.3
32								6.5	6.7	8	7.6	5.7	6.2	6.6	6.8
34								5.7	5.9	7.1	6.7	4.8	5.4	5.8	6.3
36												4.1	4.7	5	5.9
38												3.5	4	4.4	5.5
40															
42															
48															
50															
52															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	23.3	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	18.9	19.5	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	15.5	16.1	14.2	11.9	15.6	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	12.9	13.5	13.1	11	13	13.6	12.5	10.1	13.1	12.2	11.5	12.5	11.4	11.5	9
24	10.8	11.4	12	10.2	10.9	11.5	11.5	9.4	11.2	11.3	10.7	11.3	10.6	10.1	8.9
26	9.1	9.7	10.3	9.5	9.2	9.8	10.7	8.6	9.4	10.5	10	9.6	9.9	9.5	8.4
28	7.7	8.3	8.9	8.9	7.8	8.4	9.6	7.9	8	9.3	9.4	8.2	9	8.8	7.8
30	6.5	7.1	7.7	8.2	6.6	7.2	8.4	7.3	6.8	8.1	8.2	7	7.8	7.6	7.3
32	5.5	6.1	6.7	7.6	5.6	6.2	7.4	6.8	5.8	7.1	7.2	6	6.8	6.6	6.6
34	4.6	5.3	5.8	7.1	4.7	5.3	6.5	6.3	4.9	6.2	6.3	5.1	5.9	5.7	5.7
36	3.9	4.5	5.1	6.4	3.9	4.6	5.8	5.9	4.2	5.4	5.6	4.4	5.2	4.9	5
38	3.3	3.9	4.5	5.8	3.3	4	5.1	5.5	3.5	4.8	4.9	3.8	4.5	4.2	4.3
40	2.7	3.4	3.9	5.2	2.7	3.4	4.5	4.9	2.9	4.2	4.3	3.2	3.9	3.6	3.7
42	2.2	2.9	3.4	4.7	2.2	2.9	4	4.4	2.4	3.7	3.8	2.7	3.4	3.1	3.2
44					1.8	2.5	3.6	4	2	3.3	3.4	2.3	3	2.7	2.7
46						2.1	3.2	3.6	1.6	2.9	3	1.9	2.6	2.3	2.3
48										2.6	2.7	1.6	2.3	1.9	1.9
50										2.3	2.4		2	1.6	1.6
52													1.7		
54															
56															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight in Middle Position 27T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 27T, (Unit): T													
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9	
2.5	150													
3	130	115	96	48										
3.5	120	110	92	46	98	95	48	33.2						
4	108	106	88	44	98	93	46	31.5						
4.5	96.5	96.5	85	42	94.2	86	44	29.8						
5	87.2	87	82	40.5	86	82	42	28.1	85	80	47.5	25		
5.5	79.2	79	78.5	38.5	78.5	78.5	40	26.5	78	76.5	45.5	23.8		
6	72.5	72.3	73	37	71.5	72.8	37.5	25	71.5	72	43.5	22.4	71	
6.5	66.5	66.3	67.5	35.5	65.5	67.3	35.5	23.5	66.2	67	41.5	21.2	66	
7	61.5	61.3	62.3	34	60.5	62.3	33.5	22.2	61.2	62.3	40	20	61.5	
7.5	57	56.8	58	32	56	58	32	21.3	56.8	58	38.2	19	57.5	
8	53	53	54	30.5	52.2	54.3	30.5	20.5	52.8	54	36.2	18.1	53.5	
9	46.3	46.3	47.5	27.5	45.5	47.7	27.5	18.8	46.3	47.5	32.5	16.4	47	
10	41.5	41	42	25	40.8	42.3	25.5	17.4	41	42	29.5	14.9	41.8	
12		32.5	33.5	22	33.5	34	21.5	14.8	32.6	33.8	24.8	12.6	33.5	
14		25.9	27.5	19.5	25.2	27.7	19	13	25.7	27.4	21.5	11	26.8	
16					19.6	22	17	11.5	20.1	21.6	19	9.7	21.1	
18					15.5	17.9	15.5	10.5	16	17.5	17	8.7	16.9	
20									12.8	14.3	15.5	7.9	13.7	
22									10.4	11.9	14.2	7.3	11.2	
24													9.2	
26													7.6	
28														
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9	
2	0	0	0	0	46	0	0	0	46	0	0	0	46	
3	0	46	0	0	46	0	0	0	46	46	0	0	46	
4	0	0	0	0	0	46	0	0	46	46	0	0	46	
5	0	0	46	0	0	46	0	0	0	46	46	0	46	
6	0	0	0	0	0	0	46	0	0	0	46	46	0	
7	0	0	0	46	0	0	46	92	0	0	46	92	0	

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 27T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	70	56.5	30.5												
6.5	67	54.5	29.5												
7	62.5	53	29	59	54	41	31								
7.5	58.6	51	27.5	57.5	53	38.3	30								
8	55	49	26	54	52	36	29	52	36	32	25				
9	48.2	45	23.5	47.8	48	32	26.8	48	33	30	23.9	37	37	26.7	19.3
10	43	40.8	21.4	42.5	43.5	29	24.7	43.2	30.8	28	22.5	36	34	25	18.4
12	34.7	34.2	18	34	35.5	24.5	20.8	35	26	24.1	20	31.8	29.5	22.2	16.4
14	28.5	28.6	15.6	27.8	29.2	21.4	18.1	28.7	22.5	21.1	18	28	26	19.7	14.7
16	22.7	24	13.7	22	23.7	19	16.1	22.8	19.8	18.6	16	22.2	22.8	17.7	13.2
18	18.5	20	12.4	17.8	19.5	17	14.5	18.7	17.7	16.7	14.5	18	18.5	16.1	11.9
20	15.2	16.7	11.3	14.5	16.2	15.5	13.2	15.4	15.6	15.2	13.2	14.7	15.3	14.7	10.8
22	12.6	14.1	10.4	12	13.6	13.6	12.1	12.8	13	14.2	12.2	12.1	12.7	13	10
24	10.6	12	9.7	10	11.6	11.6	11	10.8	11	12.2	11.8	10	10.7	11.1	9.2
26	9.1	10.4	9.1	8.3	9.9	10	10	9.2	9.4	10.5	10.2	8.4	9	9.4	8.6
28				7	8.5	8.6	9.1	7.8	8	9.2	8.8	7	7.6	8	7.9
30				5.9	7.4	7.5	8.3	6.6	6.8	8	7.6	5.9	6.4	6.8	7.3
32								5.6	5.8	7	6.7	4.9	5.4	5.8	6.8
34								4.8	5	6.2	5.9	4.1	4.5	4.9	6.3
36												3.4	3.8	4.2	6
38												2.8	3.2	3.6	5.5
40															
42															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 27T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.5	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	22	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	17.8	18.7	15.3	13	18	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	14.5	15.4	14.2	11.9	14.8	15.5	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	12	12.8	13.4	11	12.2	13	12.5	10.1	12.5	12.2	11.5	12.5	11.4	11.5	9
24	10	10.7	11.3	10.2	10.2	11	11.5	9.4	10.5	11.1	10.7	10.9	10.6	10.1	8.9
26	8.4	9	9.6	9.5	8.5	9.3	10.4	8.6	8.8	10.3	10	9.2	9.9	9.5	8.4
28	7	7.7	8.2	8.9	7.1	7.9	9	7.9	7.4	8.9	9	7.8	8.6	8.1	7.8
30	5.8	6.5	7	8.2	6	6.7	7.8	7.3	6.2	7.7	7.8	6.6	7.5	7	7
32	4.8	5.5	6	7.3	5	5.7	6.8	6.8	5.2	6.7	6.8	5.6	6.5	6	6
34	3.9	4.6	5.1	6.5	4.1	4.8	5.9	6.3	4.3	5.8	5.9	4.8	5.6	5.1	5.2
36	3.2	3.8	4.4	5.7	3.3	4.1	5.1	5.6	3.6	5.1	5.1	4	4.8	4.4	4.4
38	2.5	3.2	3.7	5	2.7	3.4	4.4	4.9	2.9	4.4	4.4	3.3	4.1	3.7	3.7
40	2	2.6	3.2	4.5	2.1	2.8	3.8	4.3	2.3	3.8	3.8	2.7	3.5	3.1	3.1
42	1.5	2.2	2.7	4	1.6	2.3	3.3	3.8	1.9	3.3	3.3	2.2	3	2.6	2.6
44						1.9	2.9	3.3		2.8	2.8	1.8	2.5	2.1	2.2
46						1.5	2.5	3		2.4	2.4		2.1	1.8	1.8
48										2	2.1		1.8		
50										1.7	1.8		1.5		
52															
54															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight in Middle Position 23T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 23T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	145												
3	130	115	96	48									
3.5	119	110	92	46	98	95	48	33.2					
4	105.5	104	88	44	98	93	46	31.5					
4.5	94	93.8	85	42	92	86	44	29.8					
5	84.8	84.5	82	40.5	83.2	82	42	28.1	83	80	47.5	25	
5.5	77	76.8	77	38.5	75.8	77	40	26.5	76	76	45.5	23.8	
6	70.3	70	71.2	37	69.2	71	37.5	25	69.8	70.5	43.5	22.4	68
6.5	64.5	64.5	65.5	35.5	63.5	65.5	35.5	23.5	64	65.3	41.5	21.2	64
7	59.5	59.5	60.5	34	58.5	60.5	33.5	22.2	59.3	60.6	40	20	60
7.5	55.2	55.2	56.3	32	54.5	56.3	32	21.3	55	56.2	38.2	19	55.8
8	51.2	51.3	52.5	30.5	50.5	52.5	30.5	20.5	51.2	52.5	36.2	18.1	52
9	44.6	44.8	46	27.5	44	46	27.5	18.8	44.8	46	32.5	16.4	45.6
10	40.2	39.5	40.5	25	39.5	40.6	25.5	17.4	39.3	40.6	29.5	14.9	40.2
12		30.8	32	22	30.3	32.3	21.5	14.8	30.5	32	24.8	12.6	31.3
14		23.4	25	19.5	22.6	25.2	19	13	23.2	24.9	21.5	11	24
16					17.3	19.9	17	11.5	17.8	19.5	19	9.7	18.7
18					13.5	16	15.5	10.5	14	15.5	17	8.7	14.7
20									11.1	12.6	15	7.9	11.8
22									8.9	10.4	12.7	7.3	9.6
24													7.8
26													6.4
28													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 23T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	69	56.5	30.5												
6.5	65.5	54.5	29.5												
7	61	53	29	59	54	41	31								
7.5	57	51	27.5	55.8	53	38.3	30								
8	53.3	49	26	52.4	52	36	29	51.5	36	32	25				
9	46.8	45	23.5	46.3	47	32	26.8	46.5	33	30	23.9	37	37	26.7	19.3
10	41.3	40.8	21.4	40.8	42	29	24.7	41.3	30.8	28	22.5	36	34	25	18.4
12	33	33.8	18	32.5	33.5	24.5	20.8	33	26	24.1	20	31.8	29.5	22.2	16.4
14	25.7	27.3	15.6	25	26.7	21.4	18.1	25.7	22.5	21.1	18	24.8	25.3	19.7	14.7
16	20.3	21.8	13.7	19.6	21.3	19	16.1	20.3	19.8	18.6	16	19.4	19.9	17.7	13.2
18	16.3	17.8	12.4	15.6	17.2	17	14.5	16.2	16.5	16.7	14.5	15.4	15.9	16.1	11.9
20	13.3	14.8	11.3	12.6	14.2	14.3	13.2	13.2	13.5	14.8	13.2	12.4	12.9	13.3	10.8
22	11	12.5	10.4	10.3	11.9	12	12.1	10.9	11.2	12.4	12	10.1	10.6	11	10
24	9.2	10.6	9.7	8.5	10.1	10.2	11	9.1	9.4	10.6	10.2	8.3	8.8	9.2	9.2
26	7.8	9.1	9.1	7	8.6	8.7	9.7	7.7	7.9	9.1	8.7	6.8	7.3	7.7	8.6
28				5.8	7.4	7.5	8.5	6.5	6.7	7.9	7.5	5.6	6.1	6.5	7.9
30				4.8	6.4	6.5	7.4	5.5	5.7	6.8	6.4	4.6	5.1	5.5	7.3
32								4.6	4.8	6	5.6	3.7	4.3	4.6	6.6
34								3.9	4.1	5.2	4.9	3	3.6	3.9	5.9
36												2.4	2.9	3.3	5.3
38												1.9	2.4	2.8	4.7
40															
42															
44															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 23T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	24.5	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	19.1	19.9	16.3	14	19.5	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	15.1	15.9	15.3	13	15.5	16.1	14.8	12.1	15.7	14.4	13	15.2	13	12.6	9.2
20	12.2	12.9	13.4	11.9	12.5	13.1	13.5	11	12.7	13.4	12	13	12.3	12.5	9.1
22	9.9	10.6	11.1	11	10.2	10.8	11.8	10.1	10.4	11.8	11.5	10.7	11.4	11.1	9
24	8.1	8.8	9.3	10.2	8.3	9	9.9	9.4	8.6	10	9.9	8.9	9.6	9.3	8.9
26	6.6	7.3	7.8	9.2	6.9	7.5	8.4	8.6	7.1	8.5	8.4	7.4	8.1	7.8	7.8
28	5.4	6.1	6.6	8	5.7	6.3	7.2	7.7	5.9	7.2	7.1	6.2	6.9	6.5	6.6
30	4.4	5.1	5.6	6.9	4.7	5.3	6.2	6.7	4.9	6.2	6.1	5.2	5.9	5.5	5.6
32	3.6	4.2	4.7	6.1	3.8	4.4	5.3	5.8	4	5.3	5.3	4.3	5	4.7	4.7
34	2.9	3.5	4	5.3	3.1	3.7	4.6	5.1	3.3	4.5	4.5	3.6	4.3	3.9	4
36	2.3	2.9	3.4	4.7	2.5	3.1	4	4.4	2.7	3.9	3.9	3	3.7	3.3	3.3
38	1.8	2.4	2.9	4.2	1.9	2.6	3.4	3.9	2.1	3.4	3.4	2.5	3.1	2.8	2.8
40		1.9	2.4	3.7		2.1	3	3.4	1.6	2.9	2.9	2	2.6	2.3	2.3
42			2	3.3		1.7	2.6	3		2.5	2.5	1.6	2.2	1.9	1.9
44							2.2	2.6		2.1	2.1		1.8	1.5	1.5
46							1.9	2.3		1.8	1.8		1.5		
48											1.5				
50															
52															
54															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 50% Extended, Counterweight in Middle Position 23T

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 23T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	130												
3	118	115	96	48									
3.5	105	105	92	46	98	95	48	33.2					
4	97	97	88	44	97.5	93	46	31.5					
4.5	90	90	85	42	89.5	86	44	29.8					
5	82	82	82	40.5	81	82	42	28.1	82	80	47.5	25	
5.5	74	74	75	38.5	73	75	40	26.5	74	75	45.5	23.8	
6	67.5	67	68	37	66	68.5	37.5	25	67	68	43.5	22.4	67.5
6.5	58.3	57.5	59.6	35.5	56.3	60	35.5	23.5	57.1	59.5	41.5	21.2	58.5
7	50.5	49.7	51.7	34	48.6	52	33.5	22.2	49.3	51.5	40	20	50.6
7.5	44.3	43.5	45.4	32	42.5	45.7	32	21.3	43.1	45.3	38.2	19	44.3
8	39.3	38.5	40.3	30.5	37.6	40.6	30.5	20.5	38.1	40.2	36.2	18.1	39.3
9	31.6	30.9	32.6	27.5	30	32.8	27.5	18.8	30.4	32.4	32.5	16.4	31.5
10	26	25.3	27	25	24.5	27.2	25.5	17.4	24.9	26.8	29.5	14.9	25.9
12		17.8	19.4	20.3	17.1	19.5	21.4	14.8	17.4	19.1	21.6	12.6	18.3
14		13	14.5	15.4	12.3	14.6	16.4	13	12.6	14.2	16.6	11	13.4
16					9	11.2	13	11.5	9.3	10.8	13.1	9.7	10
18					6.6	8.8	10.5	10.5	6.9	8.4	10.6	8.7	7.6
20									5.1	6.5	8.7	7.9	5.7
22									3.7	5.1	7.3	7.3	4.2
24													3.1
26													2.2
28													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 23T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	69	56.5	30.5												
6.5	60.8	54.5	29.5												
7	52.8	53	29	51.7	54	41	31								
7.5	46.4	48.2	27.5	45.4	47.6	38.3	30								
8	41.3	43	26	40.3	42.4	36	29	41.5	36	32	25				
9	33.4	35	23.5	32.5	34.4	32	26.8	33.6	33	30	23.9	32.7	33.5	26.7	19.3
10	27.7	29.3	21.4	26.8	28.7	29	24.7	27.9	28.2	28	22.5	27.1	27.8	25	18.4
12	20	21.4	18	19.1	20.8	21.1	20.8	20.1	20.4	21.4	20	19.4	20	20.3	16.4
14	15	16.4	15.6	14.2	15.8	16	17.2	15.1	15.4	16.4	16.1	14.4	15	15.3	14.7
16	11.6	12.9	13.7	10.8	12.3	12.5	13.7	11.6	11.9	12.9	12.6	11	11.6	11.8	13.2
18	9.1	10.4	11.2	8.3	9.8	10	11.1	9.1	9.4	10.4	10.1	8.5	9.1	9.3	11.1
20	7.2	8.5	9.3	6.4	7.9	8	9.1	7.2	7.5	8.4	8.1	6.6	7.2	7.4	9.1
22	5.7	7	7.8	5	6.4	6.5	7.6	5.7	6	6.9	6.6	5.1	5.7	5.9	7.5
24	4.6	5.8	6.6	3.8	5.2	5.3	6.4	4.5	4.8	5.7	5.4	3.9	4.5	4.7	6.3
26	3.6	4.8	5.6	2.8	4.2	4.3	5.4	3.5	3.8	4.7	4.4	2.9	3.5	3.8	5.3
28				2.1	3.4	3.5	4.6	2.7	3	3.9	3.6	2.1	2.7	3	4.5
30					2.8	2.9	3.9	2.1	2.3	3.2	2.9	1.5	2	2.3	3.8
32								1.5	1.7	2.6	2.3			1.7	3.2
34										2.2	1.9				2.7
36															2.3
38															2
40															
42															
44															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 23T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	27.2	28	22.5	18.6											
12	19.5	20.2	20	16.9	19.5	20.4	20.2	15.6							
14	14.5	15.2	15.7	15.3	14.6	15.4	16.3	14.4	14.7	16.3	15	15.3	15		
16	11.1	11.7	12.2	13.4	11.2	11.9	12.8	13.2	11.3	12.8	12.9	11.8	12.7	12.3	9.2
18	8.6	9.2	9.7	10.8	8.7	9.4	10.2	10.6	8.8	10.3	10.3	9.3	10.1	9.8	9.2
20	6.7	7.3	7.7	8.8	6.8	7.5	8.3	8.7	6.9	8.3	8.3	7.4	8.2	7.8	7.7
22	5.2	5.8	6.2	7.3	5.3	6	6.8	7.2	5.4	6.8	6.8	5.9	6.6	6.3	6.2
24	4	4.6	5	6.1	4.1	4.8	5.6	6	4.2	5.6	5.6	4.7	5.4	5.1	5
26	3	3.6	4	5.1	3.1	3.8	4.6	5	3.3	4.6	4.6	3.7	4.4	4.1	4
28	2.2	2.8	3.2	4.2	2.3	3	3.8	4.2	2.4	3.8	3.8	2.9	3.6	3.3	3.2
30		2.1	2.6	3.6	1.6	2.3	3.1	3.5	1.8	3.1	3.1	2.2	2.9	2.6	2.5
32			2	3		1.7	2.5	2.9		2.5	2.5	1.6	2.3	2	2
34				2.5			2	2.4		2	2		1.8		
36				2.1			1.6	2		1.6	1.6				
38				1.7				1.6							
40															
42															
44															
46															
48															
50															
52															
54															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Backward 52T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 52T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	160												
3	130	115	96	48									
3.5	126	110	92	46	98	95	48	33.2					
4	117	106	88	44	98	93	46	31.5					
4.5	109	101	85	42	98	86	44	29.8					
5	100	96	82	40.5	94	82	42	28.1	85	80	47.5	25	
5.5	93	90	79.5	39	87.5	79	40	26.5	81.5	76.5	45.5	23.8	
6	86	85	74.5	37.5	81	75.5	37.5	25	78	73	43.5	22.4	72
6.5	79.5	79	69.5	36	76	72.5	35.5	23.5	74	69	41.5	21.2	72
7	75	73	65	35	71	71.5	33.5	22.2	70	65	40	20	72
7.5	68.5	68	61	33	66.5	67	32	21.3	66	62.5	38.2	19	67.5
8	64	63	58	31	62.5	63.5	30.5	20.5	62.5	60	36.2	18.1	63.5
9	55.5	55.5	52	28	55	55.8	27.5	18.8	55	55	32.5	16.4	56
10	49.5	49.5	47	25.7	48.5	50	25.5	17.4	49	50	29.5	14.9	50
12		40	39	22.4	40	40.8	21.5	14.8	40	41	24.8	12.6	40.8
14		33	32.5	20	33.5	34.2	19	13	33	34	21.5	11	34
16					28.5	29	17	11.5	28	29	19	9.7	28.8
18					25	25.2	15.5	10.5	24	25	17	8.7	24.8
20									20.5	21.5	15.5	7.9	21.6
22									18	19	14.4	7.3	18.8
24													16.6
26													14.6
28													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 52T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	70	56.5	30.5												
6.5	67.5	54.5	29.5												
7	65	53	29	59	54	41	31								
7.5	62.5	51	27.5	57.5	53	38.3	30								
8	60	49	26	56	52	36	29	52	36	32	25				
9	55	45	23.5	53.5	49.5	32	26.8	49	33	30	23.9	37	37	26.7	19.3
10	51	41.6	21.4	50	47	29	24.7	46	30.8	28	22.5	36	34	25	18.4
12	42	35.5	18	41	39.5	24.5	20.8	41.5	26	24.1	20	31.8	29.5	22.2	16.4
14	35.2	31	15.6	34.5	34.3	21.4	18.1	35	22.5	21.1	18	28.4	26	19.7	14.7
16	30	27.5	13.7	29.5	29.5	19	16.1	30	19.8	18.6	16	25.5	23.3	17.7	13.2
18	26	24.5	12.4	25.5	26	17	14.5	26	17.7	16.7	14.5	22	21	16.1	11.9
20	22.7	22	11.3	22	23	15.5	13.2	22.7	16	15.2	13.2	19.2	19.3	14.7	10.8
22	20	19.9	10.4	19.5	20.5	13.9	12.1	20	14.7	13.9	12.2	17	17.1	13.5	10
24	17.7	18.1	9.7	17	18.5	12.6	11	17.8	13.6	12.8	11.3	15.1	15.2	12.5	9.2
26	15.8	16.4	9.1	15.2	16.5	11.5	10	15.9	12.5	11.8	10.6	13.5	13.6	11.4	8.6
28				13.7	15	10.5	9.1	14.3	11.5	10.8	10	12.2	12.3	10.4	7.9
30				12.2	13.5	9.6	8.3	12.8	10.6	10	9.2	11.1	11.2	9.5	7.3
32								11.6	9.8	9.2	8.6	10.1	10.2	8.6	6.8
34								10.4	9.1	8.5	8	9.2	9.3	7.8	6.3
36												8.4	8.5	7	5.9
38												7.6	7.7	6.4	5.5
40															
42															
44															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 52T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	23.7	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	21.2	20	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	19.1	18	14.2	11.9	17	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	17.3	16.4	13.1	11	15.3	14.5	12.5	10.1	13.1	12.2	11.5	12.5	11.4	11.5	9
24	15.5	15.2	12.1	10.2	13.9	13.1	11.5	9.4	12.1	11.3	10.7	11.5	10.6	10.1	8.9
26	13.9	13.7	11.3	9.5	12.7	12	10.7	8.6	11.3	10.5	10	10.5	9.9	9.5	8.4
28	12.5	12.6	10.6	8.9	11.7	11.1	10	7.9	10.6	9.7	9.5	10	9.3	8.9	7.8
30	11.4	11.5	9.8	8.2	10.8	10.3	9.5	7.3	10	9	9	9.2	8.6	8.4	7.3
32	10.4	10.4	9.1	7.6	10	9.6	8.8	6.8	9.3	8.4	8.5	8.5	8	8	6.9
34	9.4	9.6	8.5	7.1	9.3	8.9	8.1	6.3	8.7	7.9	8	8	7.5	7.5	6.6
36	8.4	8.7	7.9	6.6	8.7	8.3	7.5	5.9	8.1	7.4	7.5	7.5	7	7	6.3
38	7.5	7.9	7.3	6.2	7.4	7.8	7.1	5.5	7.5	7	7.1	7.1	6.6	6.6	6
40	6.7	7.2	6.7	5.8	6.6	7.3	6.6	5.1	6.8	6.6	6.7	6.7	6.2	6.2	5.7
42	6	6.6	6.1	5.4	5.9	6.6	6.2	4.8	6.1	6.2	6.3	6.1	5.8	5.9	5.4
44					5.3	6	5.7	4.5	5.5	5.9	5.9	5.6	5.5	5.5	5.1
46					4.8	5.5	5.3	4.2	5	5.6	5.6	5.2	5.2	5.1	4.8
48									4.5	5.3	5.3	4.7	4.9	4.7	4.5
50									4	5	5	4.2	4.7	4.3	4.2
52												3.8	4.4	4	3.9
54												3.4	4.2	3.7	3.5
56														3.3	3.2
58														3	2.8
60															2.6
62															2.3
64															2
66															
68															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Backward 42.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 42.3T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	150												
3	130	115	96	48									
3.5	124	110	92	46	98	95	48	33.2					
4	114	106	88	44	98	93	46	31.5					
4.5	105	101	85	42	98	86	44	29.8					
5	95.5	95	82	40.5	91.5	82	42	28.1	85	80	47.5	25	
5.5	87.2	87	78	38.5	84.5	79	40	26.5	81.5	76.5	45.5	23.8	
6	80	80	73	37	77.6	75.5	37.5	25	77.8	73	43.5	22.4	72
6.5	74	74	68.5	35.5	71.9	72.5	35.5	23.5	72.3	69	41.5	21.2	72
7	68.8	68.3	64.5	34	66.9	68.5	33.5	22.2	67.3	65	40	20	68
7.5	64	63.6	60.5	32	62.5	64.2	32	21.3	63	62.5	38.2	19	63.6
8	59.5	59.3	57.5	30.5	58.7	60.3	30.5	20.5	59	59	36.2	18.1	59.8
9	52.2	52	51.5	27.5	51.5	53.4	27.5	18.8	52	52.6	32.5	16.4	52.8
10	46.8	46.2	46.5	25	46.2	47.6	25.5	17.4	46.2	47.3	29.5	14.9	47
12		37.3	38	22	38.3	38.6	21.5	14.8	37.4	38.5	24.8	12.6	38
14		31	31.5	19.5	32.5	32.2	19	13	31	32	21.5	11	31.5
16					27.6	27.2	17	11.5	26	27	19	9.7	26.5
18					22.6	23.3	15.5	10.5	22	23.2	17	8.7	22.5
20									18.9	20	15.5	7.9	19.5
22									16.1	17.5	14.4	7.3	16.5
24													14.2
26													12.3
28													
30													
32													
34													
36													
38													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 42.3T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	70	56.5	30.5												
6.5	67.5	54.5	29.5												
7	65	53	29	59	54	41	31								
7.5	62.5	51	27.5	57.5	53	38.3	30								
8	59.6	49	26	56	52	36	29	52	36	32	25				
9	53.5	45	23.5	53	49.5	32	26.8	49	33	30	23.9	37	37	26.7	19.3
10	48	41.6	21.4	47.8	46.8	29	24.7	46	30.8	28	22.5	36	34	25	18.4
12	39.3	35.5	18	38.8	39.2	24.5	20.8	39.2	26	24.1	20	31.8	29.5	22.2	16.4
14	32.8	31	15.6	32.3	33.5	21.4	18.1	33	22.5	21.1	18	28.4	26	19.7	14.7
16	27.9	27.5	13.7	27.4	28.6	19	16.1	28.2	19.8	18.6	16	25.5	23.3	17.7	13.2
18	24	24.5	12.4	23.5	24.8	17	14.5	24.2	17.7	16.7	14.5	22	21	16.1	11.9
20	20.9	21.6	11.3	20.2	21.5	15.5	13.2	21	16	15.2	13.2	19.2	19.3	14.7	10.8
22	18	19.2	10.4	17.4	18.8	13.9	12.1	18.1	14.7	13.9	12.2	17	17.1	13.5	10
24	15.6	17	9.7	14.9	16.5	12.6	11	15.7	13.6	12.8	11.3	14.8	15.2	12.5	9.2
26	13.7	15	9.1	12.9	14.5	11.5	10	13.7	12.5	11.8	10.6	12.8	13.3	11.4	8.6
28				11.3	12.8	10.5	9.1	12	11.5	10.8	10	11.1	11.6	10.4	7.9
30				9.9	11.4	9.6	8.3	10.6	10.6	10	9.2	9.7	10.2	9.5	7.3
32								9.4	9.5	9.2	8.6	8.5	9.1	8.6	6.8
34								8.4	8.5	8.5	8	7.5	8	7.8	6.3
36												6.6	7.1	7	5.9
38												5.9	6.3	6.4	5.5
40															
42															
44															
46															
48															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 42.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	23.7	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	21.2	20	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	19	18	14.2	11.9	17	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	16.8	16.4	13.1	11	15.3	14.5	12.5	10.1	13.1	12.2	11.5	12.5	11.4	11.5	9
24	14.6	15.2	12.1	10.2	13.9	13.1	11.5	9.4	12.1	11.3	10.7	11.5	10.6	10.1	8.9
26	12.6	13.3	11.3	9.5	12.7	12	10.7	8.6	11.3	10.5	10	10.5	9.9	9.5	8.4
28	10.9	11.6	10.6	8.9	11	11.1	10	7.9	10.6	9.7	9.5	10	9.3	8.9	7.8
30	9.5	10.2	9.8	8.2	9.5	10.2	9.5	7.3	9.6	9	9	9.2	8.6	8.4	7.3
32	8.3	8.9	9.1	7.6	8.3	9	8.8	6.8	8.4	8.4	8.5	8.5	8	8	6.9
34	7.3	7.9	8.5	7.1	7.3	8	8.1	6.3	7.4	7.9	8	7.6	7.5	7.5	6.6
36	6.4	7	7.6	6.6	6.4	7.1	7.5	5.9	6.5	7.4	7.5	6.7	7	6.7	6.3
38	5.6	6.3	6.8	6.2	5.6	6.3	7.1	5.5	5.7	7	7.1	5.9	6.6	6	5.9
40	4.9	5.6	6.1	5.8	4.9	5.6	6.6	5.1	5	6.4	6.5	5.2	5.9	5.3	5.2
42	4.3	5	5.5	5.4	4.3	5	6.1	4.8	4.4	5.8	5.9	4.6	5.3	4.7	4.6
44					3.8	4.5	5.6	4.5	3.8	5.3	5.4	4	4.8	4.2	4.1
46					3.3	4	5.1	4.2	3.3	4.8	4.9	3.5	4.3	3.7	3.6
48									3	4.4	4.5	3.1	3.9	3.3	3.2
50									2.5	4	4.1	2.7	3.5	2.9	2.8
52												2.4	3.2	2.6	2.5
54												2.1	2.9	2.3	2.2
56														2	1.9
58														1.8	1.7
60															1.5
62															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
66	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
68	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Backward 41T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 41T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	150												
3	130	115	96	48									
3.5	124	110	92	46	98	95	48	33.2					
4	114	106	88	44	98	93	46	31.5					
4.5	105	101	85	42	98	86	44	29.8					
5	95	94	82	40.5	92	82	42	28.1	85	80	47.5	25	
5.5	86.5	86.5	78	38.5	84	79	40	26.5	81.5	76.5	45.5	23.8	
6	79.5	79.5	73	37	77	75.5	37.5	25	77	73	43.5	22.4	72
6.5	73.5	73.5	68.5	35.5	71.5	72.5	35.5	23.5	72	69	41.5	21.2	72
7	68.3	68	64.5	34	66.5	68.5	33.5	22.2	67	65	40	20	67.5
7.5	63.5	63.2	60.5	32	62.2	64	32	21.3	62.8	61.5	38.2	19	63.2
8	59	58.8	57.5	30.5	58.5	60.2	30.5	20.5	59	58	36.2	18.1	59.5
9	51.8	51.8	51.5	27.5	51.3	53	27.5	18.8	52	52	32.5	16.4	52.5
10	46	46	46.5	25	46	47	25.5	17.4	46	47	29.5	14.9	46.8
12		37.2	38	22	38.2	38.5	21.5	14.8	37.2	38.5	24.8	12.6	37.8
14		30.6	31.5	19.5	32.5	32	19	13	30.8	32	21.5	11	31.5
16					27	27	17	11.5	26	27	19	9.7	26.5
18					22	23.2	15.5	10.5	22	23	17	8.7	22.5
20									18.7	20	15.5	7.9	19.2
22									15.7	17.1	14.4	7.3	16.3
24													14
26													12
28													
30													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 41T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	70	56.5	30.5												
6.5	67.5	54.5	29.5												
7	65	53	29	59	54	41	31								
7.5	62.5	51	27.5	57.5	53	38.3	30								
8	59.5	49	26	56	52	36	29	52	36	32	25				
9	53	45	23.5	52.5	49.5	32	26.8	49	33	30	23.9	37	37	26.7	19.3
10	47.8	41.6	21.4	47.5	46	29	24.7	46	30.8	28	22.5	36	34	25	18.4
12	39.2	35.5	18	38.5	38.6	24.5	20.8	39	26	24.1	20	31.8	29.5	22.2	16.4
14	32.7	30.5	15.6	32.2	33.3	21.4	18.1	33	22.5	21.1	18	28.4	26	19.7	14.7
16	27.7	27	13.7	27.2	28.6	19	16.1	28.2	19.8	18.6	16	25.5	23.3	17.7	13.2
18	23.7	24	12.4	23.3	24.8	17	14.5	24.2	17.7	16.7	14.5	22	21	16.1	11.9
20	20.7	21.5	11.3	19.8	21.5	15.5	13.2	20.6	16	15.2	13.2	19.2	19.3	14.7	10.8
22	17.7	19	10.4	16.8	18.5	13.9	12.1	17.6	14.7	13.9	12.2	16.9	17.1	13.5	10
24	15.3	16.7	9.7	14.5	16	12.6	11	15.2	13.6	12.8	11.3	14.4	14.8	12.5	9.2
26	13.4	14.8	9.1	12.6	14.1	11.5	10	13.2	12.5	11.8	10.6	12.5	12.8	11.4	8.6
28				11	12.5	10.5	9.1	11.6	11.5	10.8	10	10.8	11.2	10.4	7.9
30				9.7	11.2	9.6	8.3	10.3	10.4	10	9.2	9.5	9.8	9.5	7.3
32								9.2	9.3	9.2	8.6	8.3	8.7	8.6	6.8
34								8.2	8.3	8.5	8	7.3	7.8	7.8	6.3
36												6.5	6.9	7	5.9
38												5.7	6.2	6.4	5.5
40															
42															
44															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 41T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	23.5	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	21	20	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	19	18	14.2	11.9	17	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	16.5	16.4	13.1	11	15.3	14.5	12.5	10.1	13.1	12.2	11.5	12.5	11.4	11.5	9
24	14	14.8	12.1	10.2	13.9	13.1	11.5	9.4	12.1	11.3	10.7	11.5	10.6	10.1	8.9
26	12.1	12.8	11.3	9.5	12.2	12	10.7	8.6	11.3	10.5	10	10.5	9.9	9.5	8.4
28	10.5	11.2	10.6	8.9	10.6	11.1	10	7.9	10.6	9.7	9.5	10	9.3	8.9	7.8
30	9.1	9.8	9.8	8.2	9.2	10	9.5	7.3	9.4	9	9	9.2	8.6	8.4	7.3
32	8	8.6	9.1	7.6	8	8.8	8.8	6.8	8.2	8.4	8.5	8.5	8	8	6.9
34	7	7.6	8.2	7.1	7	7.8	8.1	6.3	7.1	7.9	8	7.5	7.5	7.5	6.6
36	6.1	6.8	7.3	6.6	6.1	6.9	7.5	5.9	6.2	7.4	7.5	6.6	7	6.8	6.3
38	5.4	6	6.6	6.2	5.3	6.1	7.1	5.5	5.4	6.9	7	5.8	6.5	6	5.8
40	4.7	5.4	5.9	5.8	4.7	5.4	6.5	5.1	4.7	6.2	6.3	5	5.9	5.3	5.2
42	4.1	4.8	5.3	5.4	4.1	4.9	5.9	4.8	4.1	5.6	5.7	4.4	5.3	4.7	4.6
44					3.6	4.4	5.4	4.5	3.6	5.1	5.2	3.9	4.8	4.1	4
46					3.1	3.9	4.9	4.2	3.2	4.7	4.7	3.4	4.3	3.6	3.5
48									2.8	4.2	4.3	3	3.9	3.2	3.1
50									2.4	3.8	3.9	2.6	3.5	2.8	2.7
52												2.3	3.1	2.5	2.4
54												1.9	2.8	2.2	2.1
56														1.9	1.8
58														1.7	1.6
60															1.4
62															
64															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Backward 31.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31.3T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	150												
3	130	115	96	48									
3.5	122	110	92	46	98	95	48	33.2					
4	111	106	88	44	98	93	46	31.5					
4.5	100	99	85	42	95	86	44	29.8					
5	90	90	82	40.5	88	82	42	28.1	85	80	47.5	25	
5.5	82	82	78	38.5	80.5	79	40	26.5	79.5	76.5	45.5	23.8	
6	75	75	73	37	74	73.5	37.5	25	73	73	43.5	22.4	72
6.5	69	68.8	68	35.5	68	68.5	35.5	23.5	67.8	68	41.5	21.2	68
7	64	63.5	63.5	34	63	64	33.5	22.2	63	64	40	20	63.5
7.5	59.5	59	59.5	32	58.5	60	32	21.3	59	60	38.2	19	59.5
8	55.5	55	55.8	30.5	54.5	56	30.5	20.5	55	56	36.2	18.1	55.8
9	48.5	48	49.3	27.5	47.5	49.5	27.5	18.8	48.5	49.5	32.5	16.4	49
10	43.5	42.8	43.8	25	42.5	44	25.5	17.4	43	44	29.5	14.9	43.5
12		34.2	35.2	22	35	35.6	21.5	14.8	34.5	35.6	24.8	12.6	35
14		28	29	19.5	28	29.3	19	13	28	29.2	21.5	11	28.6
16					22	24.4	17	11.5	22.6	24	19	9.7	23.2
18					17.6	20	15.5	10.5	18.1	19.5	17	8.7	18.8
20									14.8	16.2	15.5	7.9	15.5
22									12.2	13.7	14.4	7.3	12.9
24													10.8
26													9.1
28													
30													
32													
34													
36													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31.3T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	70	56.5	30.5												
6.5	67.5	54.5	29.5												
7	64.5	53	29	59	54	41	31								
7.5	60.5	51	27.5	57.5	53	38.3	30								
8	56.8	49	26	55.8	52	36	29	52	36	32	25				
9	50.2	45	23.5	49.8	49	32	26.8	49	33	30	23.9	37	37	26.7	19.3
10	44.8	40.8	21.4	44.2	44.6	29	24.7	45	30.8	28	22.5	36	34	25	18.4
12	36.3	34.2	18	36	37	24.5	20.8	36.8	26	24.1	20	31.8	29.5	22.2	16.4
14	30	29.5	15.6	29.5	31	21.4	18.1	30.3	22.5	21.1	18	28.4	26	19.7	14.7
16	24.8	25.5	13.7	24	25.8	19	16.1	24.8	19.8	18.6	16	24	23.3	17.7	13.2
18	20.3	21.6	12.4	19.5	21.2	17	14.5	20.3	17.7	16.7	14.5	19.4	20	16.1	11.9
20	17	18.3	11.3	16.2	17.8	15.5	13.2	16.9	16	15.2	13.2	16	16.6	14.7	10.8
22	14.3	15.7	10.4	13.6	15.2	13.9	12.1	14.2	14.5	13.9	12.2	13.4	14	13.5	10
24	12.2	13.6	9.7	11.4	13.1	12.6	11	12.1	12.3	12.8	11.3	11.2	11.8	12.2	9.2
26	10.5	11.9	9.1	9.7	11.4	11.3	10	10.3	10.6	11.8	10.6	9.5	10.1	10.5	8.6
28				8.3	9.9	9.9	9.1	8.9	9.1	10.4	10	8.1	8.6	9	7.9
30				7.1	8.7	8.8	8.3	7.7	7.9	9.2	8.9	6.9	7.4	7.8	7.3
32								6.7	6.9	8.2	7.9	5.9	6.4	6.8	6.8
34								5.9	6.1	7.3	7	5	5.6	6	6.3
36												4.3	4.9	5.2	5.9
38												3.7	4.2	4.6	5.5
40															
42															
44															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 31.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	26.6	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	23.5	22	16.3	14	20	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	19.2	20	15.3	13	18.5	17.5	14.8	12.1	16.3	14.4	13	15.2	13	12.6	9.2
20	15.8	16.7	14.2	11.9	15.9	15.8	13.5	11	14.2	13.4	12	13.7	12.3	12.5	9.1
22	13.2	14.1	13.1	11	13.2	14.1	12.5	10.1	13.1	12.2	11.5	12.5	11.4	11.5	9
24	11	11.9	12.1	10.2	11	11.9	11.5	9.4	11.4	11.3	10.7	11.5	10.6	10.1	8.9
26	9.3	10.1	10.7	9.5	9.3	10.2	10.7	8.6	9.6	10.5	10	10	9.9	9.5	8.4
28	7.9	8.6	9.2	8.9	7.8	8.7	9.9	7.9	8.2	9.6	9.5	8.5	9.3	8.8	7.8
30	6.7	7.4	8	8.2	6.6	7.5	8.6	7.3	7	8.4	8.6	7.3	8.1	7.6	7.3
32	5.7	6.4	7	7.6	5.6	6.5	7.6	6.8	6	7.3	7.5	6.3	7.1	6.6	6.6
34	4.8	5.5	6.1	7.1	4.8	5.6	6.7	6.3	5.1	6.4	6.7	5.4	6.2	5.7	5.7
36	4.1	4.7	5.4	6.6	4	4.8	5.9	5.9	4.3	5.6	5.9	4.6	5.4	4.9	5
38	3.4	4.1	4.7	6	3.4	4.2	5.2	5.5	3.6	5	5.2	4	4.7	4.2	4.3
40	2.9	3.5	4.1	5.4	2.8	3.6	4.7	5.1	3.1	4.4	4.6	3.4	4.1	3.6	3.7
42	2.4	3	3.6	4.9	2.3	3.1	4.2	4.6	2.6	3.9	4.1	2.9	3.6	3.1	3.2
44					1.9	2.7	3.7	4.2	2.2	3.5	3.6	2.5	3.1	2.7	2.8
46					1.5	2.3	3.3	3.8	1.8	3.1	3.2	2.1	2.7	2.3	2.4
48										2.7	2.8	1.7	2.3	2	2
50										2.4	2.5		2	1.7	1.7
52													1.7		
54													1.5		
56															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Backward 21.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 21.3T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	145												
3	130	115	96	48									
3.5	119	110	92	46	98	95	48	33.2					
4	105.5	103.5	88	44	98	93	46	31.5					
4.5	94	93	85	42	91.5	86	44	29.8					
5	84.5	84	82	40.5	83	82	42	28.1	83	80	47.5	25	
5.5	76.8	76.5	77	38.5	75.5	77	40	26.5	76	76	45.5	23.8	
6	70	69.8	71	37	68.9	71	37.5	25	69.6	70.5	43.5	22.4	68
6.5	64.5	64.3	65.3	35.5	63.3	65.3	35.5	23.5	63.8	65	41.5	21.2	64
7	59.5	59.3	60.3	34	58.3	60.5	33.5	22.2	59.1	60.3	40	20	59.8
7.5	55.2	55	56	32	54.3	56.3	32	21.3	54.8	56.2	38.2	19	55.6
8	51.2	51	52.2	30.5	50.5	52.5	30.5	20.5	51	52.2	36.2	18.1	52
9	44.6	44.5	45.6	27.5	44	45.8	27.5	18.8	44.6	45.8	32.5	16.4	45.5
10	40.2	39	40.3	25	39.5	40.6	25.5	17.4	39.1	40.4	29.5	14.9	40
12		30.4	31.8	22	29.7	31.8	21.5	14.8	30.3	31.9	24.8	12.6	31.1
14		22.8	24.4	19.5	22	24.6	19	13	22.7	24.3	21.5	11	23.3
16					16.8	19.3	17	11.5	17.3	18.9	19	9.7	18
18					13	15.5	15.5	10.5	13.5	15.1	17	8.7	14.1
20									10.7	12.2	14.5	7.9	11.3
22									8.5	10	12.3	7.3	9.1
24													7.4
26													6
28													
30													
32													
34													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 21.3T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	69	56.5	30.5												
6.5	65.5	54.5	29.5												
7	61	53	29	59	54	41	31								
7.5	56.8	51	27.5	55.8	53	38.3	30								
8	53	49	26	52.4	52	36	29	51.5	36	32	25				
9	46.6	45	23.5	46	47	32	26.8	46.3	33	30	23.9	37	37	26.7	19.3
10	41.3	40.8	21.4	40.8	42	29	24.7	41.3	30.8	28	22.5	36	34	25	18.4
12	32.6	33.5	18	32	33.5	24.5	20.8	33	26	24.1	20	31.8	29.5	22.2	16.4
14	25.1	26.7	15.6	24.3	26.1	21.4	18.1	25.2	22.5	21.1	18	24.1	24.7	19.7	14.7
16	19.7	21.3	13.7	18.9	20.7	19	16.1	19.8	19.5	18.6	16	18.8	19.3	17.7	13.2
18	15.8	17.3	12.4	15	16.7	16.9	14.5	15.8	16	16.7	14.5	14.8	15.4	15.8	11.9
20	12.9	14.3	11.3	12.1	13.8	13.9	13.2	12.9	13	14.3	13.2	11.9	12.4	12.9	10.8
22	10.7	12.1	10.4	9.9	11.5	11.6	12.1	10.6	10.8	12	11.7	9.7	10.2	10.6	10
24	8.9	10.3	9.7	8.1	9.7	9.8	10.8	8.8	9	10.2	9.9	7.9	8.4	8.8	9.2
26	7.5	8.8	9.1	6.7	8.3	8.4	9.4	7.3	7.6	8.8	8.4	6.5	7	7.4	8.6
28				5.5	7.1	7.2	8.2	6.2	6.4	7.6	7.2	5.3	5.8	6.2	7.9
30				4.6	6.1	6.2	7.2	5.2	5.4	6.6	6.2	4.3	4.8	5.2	7.1
32								4.4	4.6	5.7	5.4	3.5	4	4.4	6.3
34								3.7	3.9	5	4.7	2.8	3.3	3.7	5.6
36												2.2	2.7	3.1	5
38												1.7	2.2	2.6	4.5
40															
42															
44															
46															
48															
50															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 21.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29.8	26.2	20	16.9	25	23.5	20.2	15.6							
14	24	24	18	15.3	22	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	18.6	19.3	16.3	14	18.8	19.5	16.5	13.3	17.6	15.6	14	15.6	13.5	12.7	9.2
18	14.7	15.4	15.3	13	14.9	15.6	14.8	12.1	15.3	14.4	13	15.2	13	12.6	9.2
20	11.8	12.4	12.9	11.9	12	12.7	13.5	11	12.4	13.4	12	12.7	12.3	12.5	9.1
22	9.6	10.2	10.6	11	9.7	10.4	11.4	10.1	10.1	11.2	11.5	10.4	11.2	10.8	9
24	7.8	8.4	8.8	10.2	8	8.6	9.6	9.4	8.3	9.4	9.7	8.6	9.3	9	8.9
26	6.4	7	7.4	8.9	6.6	7.2	8.1	8.5	6.9	7.9	8.2	7.2	7.9	7.5	7.6
28	5.2	5.8	6.2	7.7	5.4	6	6.9	7.3	5.7	6.7	7	6	6.7	6.3	6.4
30	4.2	4.8	5.2	6.7	4.4	5	5.9	6.3	4.7	5.7	6	5	5.7	5.3	5.4
32	3.4	4	4.4	5.8	3.6	4.2	5.1	5.4	3.8	4.9	5.1	4.2	4.9	4.5	4.5
34	2.7	3.3	3.7	5.1	2.9	3.5	4.4	4.7	3.1	4.2	4.4	3.5	4.1	3.8	3.8
36	2.1	2.7	3.1	4.5	2.3	2.9	3.7	4.1	2.5	3.6	3.8	2.9	3.5	3.2	3.2
38	1.6	2.2	2.6	4	1.7	2.4	3.2	3.6	2	3	3.2	2.4	3	2.7	2.7
40		1.7	2.2	3.5		1.9	2.8	3.1		2.6	2.8	1.9	2.5	2.2	2.2
42			1.8	3.1		1.5	2.4	2.7		2.2	2.4		2.1	1.8	1.8
44							2	2.4		1.9	2		1.8		
46							1.7	2.1		1.6	1.7				
48															
50															
52															
54															
56															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Backward 17.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 17.3T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	145												
3	130	115	96	48									
3.5	116	110	92	46	98	95	48	33.2					
4	102.5	102	88	44	98	93	46	31.5					
4.5	91.5	91	85	42	90	86	44	29.8					
5	82.5	82	82	40.5	81.3	82	42	28.1	81	80	47.5	25	
5.5	74.6	74.5	75.5	38.5	73.6	75.5	40	26.5	74.2	75	45.5	23.8	
6	68	68	69	37	67.2	69	37.5	25	68	69	43.5	22.4	67
6.5	62.5	62.5	63.5	35.5	61.8	63.5	35.5	23.5	62.3	63.5	41.5	21.2	62.8
7	57.8	57.7	58.7	34	56.8	58.8	33.5	22.2	57.5	58.8	40	20	58.5
7.5	53.2	53.4	54.5	32	52.5	54.6	32	21.3	53.3	54.5	38.2	19	54.2
8	49.3	49.5	50.8	30.5	48.8	50.9	30.5	20.5	49.5	50.7	36.2	18.1	50.4
9	42.6	42.8	44.3	27.5	42.3	44.5	27.5	18.8	43	44	32.5	16.4	44
10	39.2	37.2	38.8	25	38	39	25.5	17.4	37.5	38.6	29.5	14.9	38.5
12		27.3	29	22	26.6	29.4	21.5	14.8	27.3	28.9	24.8	12.6	28
14		20.1	21.8	19.5	19.3	22	19	13	20	21.6	21.5	11	20.8
16					14.4	17	17	11.5	15	16.6	19.2	9.7	15.8
18					11	13.5	15	10.5	11.6	13	15.6	8.7	12.3
20									9	10.4	12.9	7.9	9.7
22									7	8.4	10.8	7.3	7.7
24													6.1
26													4.8
28													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 17.3T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	68.5	56.5	30.5												
6.5	64	54.5	29.5												
7	59.5	53	29	58.5	54	41	31								
7.5	55.3	51	27.5	54.8	53	38.3	30								
8	51.5	49	26	51	51.5	36	29	50.5	36	32	25				
9	45	45	23.5	44.5	46	32	26.8	45.2	33	30	23.9	37	37	26.7	19.3
10	39.6	40.3	21.4	39	40.5	29	24.7	40	30.8	28	22.5	36	34	25	18.4
12	29.9	31.6	18	29	31	24.5	20.8	29.9	26	24.1	20	29.1	29.5	22.2	16.4
14	22.5	24.2	15.6	21.7	23.6	21.4	18.1	22.5	22.5	21.1	18	21.7	22.2	19.7	14.7
16	17.4	19	13.7	16.6	18.4	18.5	16.1	17.4	17.7	18.6	16	16.6	17.1	17.5	13.2
18	13.8	15.3	12.4	13	14.8	14.8	14.5	13.8	14	15.3	14.5	13	13.5	13.9	11.9
20	11.2	12.6	11.3	10.4	12.1	12.1	13.2	11.1	11.3	12.6	12.3	10.3	10.8	11.2	10.8
22	9.1	10.5	10.4	8.3	10	10	11.1	9	9.2	10.5	10.2	8.3	8.7	9.1	10
24	7.5	8.9	9.6	6.7	8.3	8.4	9.4	7.4	7.6	8.9	8.5	6.7	7.1	7.5	9.2
26	6.2	7.6	8.4	5.4	7	7.1	8.1	6.1	6.3	7.5	7.2	5.4	5.8	6.2	8.2
28				4.4	5.9	6	7	5	5.2	6.4	6.1	4.3	4.7	5.1	7.1
30				3.5	5	5.1	6.1	4.1	4.3	5.5	5.2	3.4	3.8	4.2	6.2
32								3.4	3.5	4.7	4.5	2.6	3	3.4	5.4
34								2.8	2.9	4.1	3.8	2	2.4	2.8	4.7
36												1.5	1.9	2.2	4.2
38														1.7	3.7
40															
42															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 17.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	29	26.2	20	16.9	25	23.5	20.2	15.6							
14	21.6	22.4	18	15.3	21.7	21.6	18.2	14.4	19.2	17	15	16.2	15		
16	16.6	17.3	16.3	14	16.6	17.5	16.5	13.3	17	15.6	14	15.6	13.5	12.7	9.2
18	13	13.7	14.2	13	13.1	13.9	14.8	12.1	13.4	14.4	13	13.8	13	12.6	9.2
20	10.3	11	11.5	11.9	10.4	11.2	12.3	11	10.7	12.1	12	11.1	11.9	11.5	9.1
22	8.3	8.9	9.4	10.6	8.3	9.1	10.2	10.1	8.6	10	10.2	9	9.8	9.4	9
24	6.6	7.3	7.7	9	6.7	7.5	8.5	8.8	7	8.3	8.5	7.4	8.2	7.7	7.7
26	5.3	6	6.4	7.6	5.4	6.2	7.2	7.5	5.7	7	7.2	6.1	6.8	6.4	6.4
28	4.3	4.9	5.3	6.5	4.3	5.1	6.1	6.4	4.6	5.9	6.1	5	5.7	5.3	5.3
30	3.4	4	4.4	5.6	3.4	4.2	5.2	5.5	3.7	5	5.2	4.1	4.8	4.4	4.4
32	2.7	3.2	3.7	4.8	2.7	3.4	4.4	4.7	3	4.2	4.4	3.3	4	3.6	3.6
34	2	2.6	3	4.2	2.1	2.8	3.7	4	2.3	3.6	3.7	2.7	3.3	3	3
36		2	2.4	3.6	1.5	2.2	3.1	3.4	1.7	3	3.1	2.1	2.8	2.4	2.4
38			1.9	3.1		1.7	2.6	2.9		2.5	2.6	1.6	2.3	1.9	1.9
40			1.5	2.7			2.2	2.5		2.1	2.2		1.9	1.5	1.5
42				2.3			1.8	2.1		1.7	1.8		1.5		
44								1.8							
46								1.5							
48															
50															
52															
54															
56															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 100% Extended, Counterweight Backward 13.3T

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 13.3T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	145												
3	130	115	96	48									
3.5	113.5	110	92	46	98	95	48	33.2					
4	100	99.5	88	44	97	93	46	31.5					
4.5	89	88.8	85	42	87.5	86	44	29.8					
5	80	79.6	80.5	40.5	79	80.5	42	28.1	78	79.5	47.5	25	
5.5	72.5	72.3	73.5	38.5	71.6	73.5	40	26.5	71.8	73	45.5	23.8	
6	66	66	67.2	37	65.2	67.2	37.5	25	65.8	66.8	43.5	22.4	66
6.5	60.5	60.5	61.8	35.5	59.8	61.8	35.5	23.5	60.5	61.6	41.5	21.2	61.3
7	55.8	55.8	57	34	54.9	57	33.5	22.2	55.8	57	40	20	56.6
7.5	51.5	51.6	52.8	32	50.8	52.9	32	21.3	51.5	52.8	38.2	19	52.5
8	47.8	47.8	49	30.5	47	49.2	30.5	20.5	47.8	49	36.2	18.1	48.8
9	41.5	41.2	42.5	27.5	40.5	42.7	27.5	18.8	41.1	42.5	32.5	16.4	42.2
10	35.7	35	36.8	25	34.2	37	25.5	17.4	34.9	36.7	29.5	14.9	35.8
12		24.1	26	22	23.4	26.3	21.5	14.8	24	25.8	24.8	12.6	24.9
14		17.4	19.1	19.5	16.7	19.4	19	13	17.2	18.9	21.5	11	18.1
16					12.2	14.8	16.7	11.5	12.8	14.3	17	9.7	13.5
18					9.1	11.6	13.4	10.5	9.6	11.1	13.7	8.7	10.3
20									7.2	8.7	11.2	7.9	7.9
22									5.4	6.9	9.3	7.3	6.1
24													4.7
26													3.5
28													
30													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 13.3T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	67	56.5	30.5												
6.5	62.3	54.5	29.5												
7	57.8	53	29	56.5	54	41	31								
7.5	53.8	51	27.5	53	53	38.3	30								
8	50	49	26	49.5	50.6	36	29	49.5	36	32	25				
9	43.5	44.3	23.5	43	44.6	32	26.8	43.6	33	30	23.9	37	37	26.7	19.3
10	37.8	39.2	21.4	36.8	38.8	29	24.7	38	30.8	28	22.5	36	34	25	18.4
12	26.8	28.6	18	25.9	28.1	24.5	20.8	26.9	26	24.1	20	26.2	26.7	22.2	16.4
14	19.8	21.4	15.6	18.9	20.9	21	18.1	19.9	20.2	21.1	18	19.2	19.7	19.7	14.7
16	15.2	16.7	13.7	14.3	16.2	16.3	16.1	15.2	15.5	16.8	16	14.6	15	15.5	13.2
18	11.9	13.4	12.4	11.1	12.9	13	14	11.9	12.2	13.4	13.1	11.3	11.7	12.2	11.9
20	9.5	10.9	11.3	8.7	10.4	10.5	11.5	9.5	9.7	10.9	10.6	8.9	9.3	9.7	10.8
22	7.6	9	9.8	6.8	8.5	8.6	9.6	7.6	7.8	9	8.7	7	7.4	7.8	9.7
24	6.2	7.5	8.3	5.3	7	7.1	8.1	6.1	6.3	7.5	7.2	5.5	5.9	6.3	8.2
26	5	6.3	7.2	4.1	5.8	5.9	6.9	4.9	5.1	6.3	6	4.3	4.7	5.1	6.9
28				3.2	4.8	4.9	5.9	3.9	4.1	5.3	5	3.3	3.7	4.1	5.9
30				2.4	4	4.1	5.1	3.1	3.3	4.5	4.2	2.5	2.9	3.3	5.1
32								2.4	2.6	3.8	3.5	1.8	2.2	2.6	4.4
34								1.8	2	3.2	2.9		1.6	2	3.8
36															3.3
38															2.9
40															
42															
44															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 100% Extended, Counterweight: 13.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	31.5	28.8	22.5	18.6											
12	26	26.2	20	16.9	25	23.5	20.2	15.6							
14	19	19.8	18	15.3	19.2	20.1	18.2	14.4	19.2	17	15	16.2	15		
16	14.5	15.2	15.7	14	14.6	15.4	16.3	13.3	14.8	15.6	14	15.3	13.5	12.7	9.2
18	11.2	11.9	12.3	13	11.3	12.1	13	12.1	11.5	13.1	13	12	12.8	12.4	9.2
20	8.8	9.4	9.9	11	8.9	9.7	10.5	10.9	9.1	10.6	10.5	9.6	10.3	9.9	9.1
22	6.9	7.5	8	9.1	7	7.8	8.6	9	7.2	8.7	8.6	7.7	8.4	8	8.1
24	5.4	6	6.5	7.6	5.5	6.3	7.1	7.4	5.7	7.2	7.1	6.2	6.9	6.5	6.6
26	4.2	4.8	5.3	6.4	4.4	5.1	5.9	6.2	4.5	6	5.9	5	5.7	5.3	5.4
28	3.2	3.8	4.3	5.4	3.4	4.1	4.9	5.2	3.6	5	4.9	4	4.7	4.3	4.4
30	2.4	3	3.5	4.5	2.6	3.3	4.1	4.4	2.8	4.2	4.1	3.2	3.9	3.5	3.6
32	1.7	2.3	2.8	3.8	1.9	2.6	3.4	3.7	2.1	3.5	3.4	2.5	3.2	2.8	2.9
34		1.7	2.2	3.2		2	2.8	3.1	1.5	2.9	2.8	1.9	2.6	2.2	2.3
36			1.7	2.7			2.3	2.6		2.4	2.3		2.1	1.7	1.8
38				2.3			1.9	2.2		1.9	1.9		1.6		
40				1.9			1.5	1.8			1.5				
42				1.6				1.5							
44															
46															
48															
50															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 50% Extended, Counterweight Backward 21.3T

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 21.3T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	130												
3	117	115	96	48									
3.5	105	105	92	46	98	95	48	33.2					
4	97	97	88	44	97.5	93	46	31.5					
4.5	90	90	85	42	89.5	86	44	29.8					
5	81.5	81	82	40.5	81	82	42	28.1	81.5	80	47.5	25	
5.5	73.5	73	74.5	38.5	73	75	40	26.5	73.5	74.5	45.5	23.8	
6	66	66	67.5	37	65	68	37.5	25	66	68	43.5	22.4	66
6.5	56.5	56.1	58.3	35.5	55	58.6	35.5	23.5	55.9	58.1	41.5	21.2	57
7	49	48.5	50.5	34	47.5	50.8	33.5	22.2	48.3	50.3	40	20	49.3
7.5	43	42.5	44.4	32	41.5	44.6	32	21.3	42.2	44.1	38.2	19	43.2
8	38.2	37.6	39.4	30.5	36.6	39.6	30.5	20.5	37.3	39.2	36.2	18.1	38.3
9	30.7	30.1	31.8	27.5	29.2	32	27.5	18.8	29.8	31.5	32.5	16.4	30.7
10	25.3	24.7	26.3	25	23.8	26.5	25.5	17.4	24.4	26	28.8	14.9	25.2
12		17.3	18.8	19.6	16.5	19	20.9	14.8	17	18.5	21.1	12.6	17.7
14		12.6	14	14.8	11.8	14.2	16	13	12.2	13.7	16.2	11	12.9
16					8.5	10.9	12.6	11.5	9	10.4	12.8	9.7	9.6
18					6.2	8.5	10.1	10	6.6	8	10.3	8.7	7.2
20									4.8	6.2	8.4	7.9	5.4
22									3.4	4.8	7	7.3	4
24													2.9
26													2
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 21.3T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	68	56.5	30.5												
6.5	59.4	54.5	29.5												
7	51.5	53	29	50.6	52.9	41	31								
7.5	45.3	47.2	27.5	44.5	46.7	38.3	30								
8	40.3	42.1	26	39.5	41.6	36	29	41.5	36	32	25				
9	32.6	34.3	23.5	31.8	33.8	32	26.8	33.6	33	30	23.9	32.7	33.5	26.7	19.3
10	27	28.6	21.4	26.3	28.1	29	24.7	27.9	28.2	28	22.5	27.1	27.8	25	18.4
12	19.4	20.9	18	18.7	20.4	21.1	20.8	20.1	20.4	21.4	20	19.4	20	20.3	16.4
14	14.5	16	15.6	13.9	15.5	16	17	15.1	15.4	16.4	16.1	14.4	15	15.3	14.7
16	11.1	12.6	13.4	10.5	12.1	12.5	13.6	11.6	11.9	12.9	12.6	11	11.6	11.8	13.2
18	8.7	10.1	10.9	8.1	9.6	10	11	9.1	9.4	10.4	10.1	8.5	9.1	9.3	11.1
20	6.8	8.2	9	6.2	7.7	8	9	7.2	7.4	8.4	8.1	6.6	7.1	7.4	9.1
22	5.4	6.7	7.5	4.8	6.2	6.5	7.4	5.7	5.9	6.9	6.6	5.1	5.6	5.9	7.5
24	4.3	5.5	6.3	3.6	5	5.3	6.2	4.5	4.7	5.7	5.4	3.9	4.3	4.7	6.3
26	3.3	4.6	5.4	2.7	4.1	4.3	5.2	3.5	3.6	4.7	4.4	2.9	3.3	3.6	5.3
28				1.9	3.3	3.5	4.4	2.7	2.7	3.9	3.6	2.1	2.5	2.8	4.5
30					2.6	2.8	3.7	2	2.1	3.2	2.9		1.8	2.1	3.8
32									1.5	2.6	2.3			1.5	3.2
34										2.1	1.8				2.7
36															2.3
38															1.9
40															
42															
44															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 21.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	27.2	28	22.5	18.6											
12	19.5	20.2	20	16.9	19.5	20.4	20.2	15.6							
14	14.5	15.2	15.7	15.3	14.6	15.4	16.3	14.4	14.7	16.3	15	15.3	15		
16	11.1	11.7	12.2	13.4	11.2	11.9	12.8	13.2	11.3	12.8	12.9	11.8	12.7	12.3	9.2
18	8.5	9.2	9.7	10.8	8.7	9.4	10.2	10.6	8.8	10.3	10.3	9.3	10.1	9.8	9.2
20	6.6	7.3	7.7	8.8	6.8	7.5	8.3	8.7	6.9	8.3	8.3	7.4	8.2	7.8	7.7
22	5	5.8	6.2	7.3	5.2	6	6.8	7.2	5.4	6.8	6.8	5.9	6.6	6.3	6.2
24	3.8	4.5	5	6.1	3.9	4.7	5.6	6	4.2	5.6	5.6	4.7	5.4	5.1	5
26	2.8	3.5	4	5.1	2.9	3.6	4.6	5	3.2	4.6	4.6	3.7	4.4	4.1	4
28	2	2.6	3.1	4.2	2.1	2.8	3.8	4.2	2.3	3.8	3.8	2.8	3.6	3.2	3.2
30		1.9	2.4	3.6		2.1	3.1	3.5	1.6	3.1	3.1	2.1	2.8	2.4	2.4
32			1.8	3		1.5	2.5	2.9		2.5	2.5		2.2	1.8	1.8
34				2.4			2	2.4		1.9	2		1.7		
36				1.9			1.5	1.9		1.5	1.5				
38				1.5				1.5							
40															
42															
44															
46															
48															
50															
52															
54															
56															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 50% Extended, Counterweight Backward 17.3T

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 17.3T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	129												
3	116	115	96	48									
3.5	105	105	92	46	98	95	48	33.2					
4	96.5	96	88	44	96	93	46	31.5					
4.5	88.5	88	85	42	87.5	86	44	29.8					
5	79	78.5	79.5	40.5	78	80	42	28.1	78.5	80	47.5	25	
5.5	71	70.5	72	38.5	70.5	72.5	40	26.5	71	72	45.5	23.8	
6	60.4	59.8	62.2	37	59	62.9	37.5	25	60	62.6	43.5	22.4	61.5
6.5	51.2	50.7	53	35.5	50	53.5	35.5	23.5	50.9	53.2	41.5	21.2	52.2
7	44.2	43.6	45.8	34	43	46.3	33.5	22.2	43.9	46	40	20	45
7.5	38.6	38	40	32	37.4	40.6	32	21.3	38.3	40.3	38.2	19	39.5
8	34	33.5	35.5	30.5	32.9	36	30.5	20.5	33.7	35.7	36.2	18.1	34.9
9	27.1	26.6	28.4	27.5	26	28.9	27.5	18.8	26.8	28.6	31.5	16.4	27.9
10	22.2	21.7	23.3	24.4	21	23.8	25.5	17.4	21.8	23.5	26.3	14.9	22.8
12		14.9	16.4	17.4	14.3	16.8	18.7	14.8	15	16.6	19.2	12.6	16
14		10.5	12	13	10	12.3	14.2	13	10.6	12.1	14.6	11	11.5
16					7	9.3	11	11	7.5	9	11.4	9.7	8.4
18					4.8	7	8.7	8.7	5.3	6.7	9	8.7	6.1
20									3.6	5	7.2	7.7	4.4
22									2.3	3.6	5.8	6.4	3
24													1.9
26													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 17.3T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	64	56.5	30.5												
6.5	54.6	54.5	29.5												
7	47.3	49.4	29	46.3	48.8	41	31								
7.5	41.5	43.5	27.5	40.6	43	38.3	30								
8	36.9	38.7	26	36	38.2	36	29	37.3	37.6	32	25				
9	29.7	31.5	23.5	29	31	31.2	26.8	30.2	30.4	30	23.9	29.3	30	26.7	19.3
10	24.5	26.2	21.4	23.9	25.8	26	24.7	25	25.2	26.7	22.5	24.2	24.8	25	18.4
12	17.5	19	18	17	18.7	18.8	20	17.9	18.2	19.5	19	17.2	17.8	18.2	16.4
14	13	14.5	15.3	12.5	14.1	14.2	15.3	13.4	13.6	14.9	14.5	12.7	13.2	13.7	14.7
16	9.9	11.3	12.1	9.3	10.9	11	12.1	10.2	10.4	11.7	11.4	9.6	10	10.5	12.5
18	7.6	8.9	9.7	7	8.5	8.6	9.7	7.8	8.1	9.3	9	7.2	7.7	8.1	10.1
20	5.8	7.1	7.9	5.2	6.8	6.8	7.9	6	6.3	7.5	7.2	5.4	5.9	6.3	8.3
22	4.4	5.7	6.5	3.8	5.3	5.4	6.4	4.6	4.9	6	5.7	4	4.5	4.9	6.9
24	3.3	4.6	5.4	2.7	4.2	4.3	5.2	3.5	3.7	4.8	4.5	2.9	3.3	3.7	5.7
26	2.4	3.6	4.5	1.8	3.2	3.3	4.3	2.6	2.8	3.9	3.6	2	2.4	2.8	4.7
28					2.5	2.6	3.5	1.8	2	3.1	2.8		1.6	2	3.9
30					1.8	1.9	2.9			2.4	2.1				3.2
32										1.8	1.5				2.6
34															2.1
36															1.6
38															
40															
42															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 17.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	24	24.8	25.5	18.6											
12	17	17.8	18.5	16.9	17.2	18.2	19.5	20							
14	12.5	13.3	14	15.3	12.8	13.7	14.9	15.4	13	14.8	15	13.6	14.5		
16	9.4	10.1	10.8	12.2	9.6	10.5	11.7	12.1	9.9	11.6	11.7	10.4	11.3	10.8	10.9
18	7.1	7.8	8.4	9.8	7.3	8.1	9.3	9.7	7.5	9.2	9.3	8	8.9	8.5	8.5
20	5.3	6	6.6	8	5.5	6.3	7.5	7.9	5.7	7.4	7.5	6.2	7.1	6.7	6.7
22	3.9	4.6	5.2	6.5	4.1	4.9	6	6.4	4.3	5.9	6	4.8	5.7	5.2	5.3
24	2.8	3.4	4	5.3	2.9	3.7	4.8	5.2	3.2	4.8	4.8	3.6	4.5	4.1	4.1
26	1.9	2.5	3	4.3	2	2.8	3.8	4.3	2.3	3.8	3.9	2.7	3.5	3.1	3.1
28		1.7	2.3	3.5		2	3	3.5	1.5	3	3.1	1.9	2.7	2.3	2.3
30			1.6	2.8			2.3	2.8		2.3	2.4		2	1.6	1.7
32				2.2			1.8	2.2		1.7	1.8				
34				1.7				1.7							
36															
38															
40															
42															
44															
46															
48															
50															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

Outrigger 50% Extended, Counterweight Backward 13.3T

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 13.3T, (Unit): T												
	14.1	18.8	18.8	18.8	23.5	23.5	23.5	23.5	28.2	28.2	28.2	28.2	32.9
2.5	127												
3	115	114	96	48									
3.5	104	104	92	46	98	95	48	33.2					
4	95	95	88	44	95	93	46	31.5					
4.5	85	85	85	42	84.5	86	44	29.8					
5	76	75.5	77	40.5	75.5	77.5	42	28.1	75.5	77	47.5	25	
5.5	64.8	64	66.6	38.5	63	67.5	40	26.5	64	67	45.5	23.8	
6	53.6	53	55.2	37	52	56	37.5	25	53	55.5	43.5	22.4	54.5
6.5	45.3	44.7	46.8	35.5	43.8	47.5	35.5	23.5	44.8	47	41.5	21.2	46.2
7	39	38.3	40.4	34	37.6	41	33.5	22.2	38.5	40.6	40	20	39.8
7.5	33.9	33.3	35.3	32	32.6	35.9	32	21.3	33.5	35.5	38.2	19	34.7
8	29.8	29.2	31.2	30.5	28.6	31.7	30.5	20.5	29.4	31.4	34.2	18.1	30.6
9	23.6	23	24.8	25.8	22.4	25.3	27.3	18.8	23.2	25	27.9	16.4	24.3
10	19	18.5	20.2	21.2	17.9	20.7	22.7	17.4	18.7	20.4	23.2	14.9	19.7
12		12.4	14	14.9	11.8	14.4	16.3	14.8	12.6	14.1	16.7	12.6	13.5
14		8.5	10	10.9	7.9	10.3	12.1	12	8.6	10.1	12.5	11	9.5
16					5.2	7.5	9.3	9.3	5.8	7.3	9.6	9.7	6.7
18					3.2	5.5	7.2	7.2	3.8	5.2	7.5	8.1	4.6
20									2.3	3.6	5.9	6.5	3.1
22										2.4	4.6	5.2	1.8
24													
26													
Parts of line	22	16	16	16	13	13	13	13	11	11	11	11	9
2	0	0	0	0	46	0	0	0	46	0	0	0	46
3	0	46	0	0	46	0	0	0	46	46	0	0	46
4	0	0	0	0	0	46	0	0	46	46	0	0	46
5	0	0	46	0	0	46	0	0	0	46	46	0	46
6	0	0	0	0	0	0	46	0	0	0	46	46	0
7	0	0	0	46	0	0	46	92	0	0	46	92	0

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 13.3T, (Unit): T														
	32.9	32.9	32.9	37.6	37.6	37.6	37.6	42.3	42.3	42.3	42.4	47.0	47.0	47.0	47.0
6	57	56.5	30.5												
6.5	48.5	50.6	29.5												
7	42	44	29	41	43.5	41	31								
7.5	36.8	38.8	27.5	36	38.2	38.3	30								
8	32.5	34.5	26	31.8	34	34.1	29	32.8	33	32	25				
9	26.2	27.9	23.5	25.4	27.4	27.6	26.8	26.5	26.8	28.2	23.9	25.6	26.2	26.7	19.3
10	21.5	23.1	21.4	20.8	22.7	22.8	24	21.8	22	23.5	22.5	21	21.6	22.1	18.4
12	15.1	16.7	17.5	14.5	16.2	16.4	17.5	15.4	15.7	17	16.6	14.8	15.3	15.7	16.4
14	11	12.5	13.3	10.4	12.1	12.3	13.3	11.3	11.6	12.8	12.5	10.7	11.2	11.6	13.8
16	8.2	9.6	10.4	7.6	9.2	9.4	10.3	8.4	8.7	9.9	9.6	7.8	8.3	8.7	10.8
18	6.1	7.4	8.2	5.5	7.1	7.2	8.1	6.3	6.6	7.8	7.5	5.7	6.2	6.6	8.7
20	4.5	5.8	6.6	3.9	5.5	5.6	6.5	4.7	5	6.1	5.8	4.1	4.6	5	7
22	3.2	4.5	5.3	2.6	4.2	4.3	5.2	3.4	3.7	4.8	4.5	2.8	3.3	3.7	5.7
24	2.2	3.5	4.3	1.6	3.1	3.2	4.2	2.4	2.6	3.8	3.5	1.8	2.3	2.6	4.6
26		2.7	3.5		2.3	2.4	3.3	1.6	1.8	2.9	2.6		1.5	1.8	3.7
28					1.6	1.7	2.6			2.2	1.9				3
30							2			1.6					2.3
32															1.8
34															
36															
38															
40															
42															
Parts of line	9	9	9	8	8	8	8	7	7	7	7	6	6	6	6
2	0	0	0	46	0	0	0	46	0	0	0	92	46	0	0
3	46	0	0	46	46	0	0	46	92	46	0	46	92	92	0
4	46	46	0	46	46	92	46	46	46	46	92	46	46	92	46
5	46	46	46	46	46	46	46	46	46	46	92	46	46	46	92
6	46	46	46	46	46	46	46	46	46	46	46	46	46	46	92
7	0	46	92	0	46	46	92	46	46	92	46	46	46	46	92

Radius (m)	Load Chart, Main Boom, Outriggers 50% Extended, Counterweight: 13.3T, (Unit): T														
	51.7	51.7	51.7	51.7	56.4	56.4	56.4	56.4	61.1	61.1	61.1	65.8	65.8	70.5	75.5
10	20.8	21.7	22.5	18.6											
12	14.6	15.4	16.1	16.9	14.8	15.7	17	17.5							
14	10.6	11.3	12	13.4	10.7	11.7	12.9	13.4	11	12.8	12.9	11.5	12.5		
16	7.7	8.4	9.1	10.5	7.9	8.8	10	10.5	8.2	9.9	10	8.7	9.6	9.1	9.1
18	5.6	6.3	6.9	8.3	5.8	6.7	7.8	8.3	6.1	7.7	7.8	6.6	7.5	7	7
20	4	4.7	5.3	6.7	4.2	5	6.1	6.6	4.5	6.1	6.2	4.9	5.8	5.4	5.4
22	2.8	3.4	4	5.3	2.9	3.7	4.8	5.3	3.2	4.7	4.8	3.6	4.5	4.1	4.1
24	1.8	2.4	3	4.3	1.9	2.7	3.7	4.2	2.2	3.7	3.8	2.6	3.4	3	3
26		1.5	2.1	3.4		1.8	2.9	3.3		2.8	2.9	1.8	2.6	2.2	2.2
28				2.6			2.1	2.6		2.1	2.2		1.9	1.5	1.5
30				2			1.5	2		1.5	1.6				
32				1.5											
34															
36															
38															
40															
42															
44															
46															
48															
50															
Parts of line	5	5	5	5	4	4	4	4	3	3	3	3	3	2	2
2	92	46	0	0	92	46	46	0	92	46	0	92	46	92	100
3	92	92	92	46	92	92	46	46	92	46	92	92	92	92	100
4	46	92	92	46	92	92	46	92	92	92	92	92	92	92	100
5	46	46	92	92	46	92	92	92	92	92	92	92	92	92	100
6	46	46	46	92	46	46	92	92	46	92	92	92	92	92	100
7	46	46	46	92	46	46	92	92	46	92	92	46	92	92	100

LOAD CHARTS, SWINGAWAY BOOM**Outrigger 100% Extended, Counterweight Forward 52T**

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 52T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2			4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0			4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.8			4.3	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.6			4.2	3.7	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	4.4			4.0	3.6	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	4.2			3.7	3.5	2.9	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	4.0			3.4	3.2	2.8	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	3.9			3.2	3.0	2.7	2.4	1.8	1.5	2.7	1.9	1.7	1.4	1.2	1.1
44	3.7			3.0	2.8	2.6	2.2	1.8	1.4	2.6	1.8	1.7	1.3	1.1	1.1
46	3.5			2.8	2.6	2.4	2.0	1.8	1.4	2.5	1.7	1.6	1.3	1.1	1.1
48	3.2			2.6	2.4	2.2	1.9	1.7	1.3	2.4	1.6	1.6	1.2	1.1	1.1
50	2.9			2.4	2.2	2.1	1.8	1.6	1.3	2.3	1.5	1.6	1.2	1.0	1.0
52	2.6			2.2	2.1	2.0	1.7	1.5	1.3	2.2	1.4	1.5	1.1	1.0	1.0
54	2.4			2.1	2.0	1.9	1.6	1.4	1.3	2.1	1.3	1.4	1.1	1.0	1.0
56	2.2			2.0	1.9	1.8	1.5	1.3	1.3	2.0	1.2	1.3	1.0	1.0	1.0
58	2.0			1.9	1.8	1.7	1.4	1.3	1.2	1.9	1.1	1.2	1.0	1.0	1.0
60	1.8			1.7	1.6	1.5	1.3	1.2	1.2	1.7	1.0	1.1	1.0	0.9	0.9
62	1.6			1.6	1.5	1.4	1.2	1.1	1.2	1.5	1.0	1.0	1.0	0.9	0.9
64	1.4			1.4	1.4	1.3	1.1	1.0	1.2	1.3	0.9	0.9	0.9	0.9	0.9
66	1.3			1.3	1.3	1.2	1.0	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.8
68	1.1			1.2	1.2	1.1	0.9	0.8	1.1	0.9	0.8	0.8	0.8	0.8	0.8
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight Forward 42.3T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 42.3T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2			4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0			4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.8			4.3	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.6			4.2	3.7	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	4.4			4.0	3.6	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	4.1			3.7	3.5	2.9	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	3.7			3.4	3.2	2.8	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	3.4			3.2	3.0	2.7	2.4	1.8	1.5	2.7	1.9	1.7	1.4	1.2	1.1
44	3.0			3.0	2.8	2.6	2.2	1.8	1.4	2.6	1.8	1.7	1.3	1.1	1.1
46	2.7			2.7	2.6	2.4	2.0	1.8	1.4	2.5	1.7	1.6	1.3	1.1	1.1
48	2.4			2.4	2.4	2.2	1.9	1.7	1.3	2.4	1.6	1.6	1.2	1.1	1.1
50	2.2			2.1	2.2	2.1	1.8	1.6	1.3	2.3	1.5	1.6	1.2	1.0	1.0
52	2.0			1.9	2.0	2.0	1.7	1.5	1.3	2.1	1.4	1.5	1.1	1.0	1.0
54	1.8			1.7	1.8	1.8	1.6	1.4	1.3	1.9	1.3	1.4	1.1	1.0	1.0
56	1.6			1.5	1.6	1.6	1.5	1.3	1.3	1.7	1.2	1.3	1.0	1.0	1.0
58	1.4			1.3	1.4	1.4	1.4	1.3	1.2	1.5	1.1	1.2	1.0	1.0	1.0
60	1.2			1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.0	1.1	1.0	0.9	0.9
62	1.0			1.0	1.1	1.1	1.2	1.1	1.2	1.1	1.0	1.0	1.0	0.9	0.9
64	0.9			0.9	0.9	0.9	1.1	1.0	1.2	1.0	0.9	0.9	0.9	0.9	0.9
66							1.0	0.9	1.1		0.8	0.8	0.9	0.9	0.8
68							0.9	0.8	1.0				0.8	0.8	0.8
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight Forward 41T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 41T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2			4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0			4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.8			4.3	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.6			4.2	3.7	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	4.4			4.0	3.6	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	4.0			3.7	3.5	2.9	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	3.6			3.4	3.2	2.8	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	3.2			3.2	3.0	2.7	2.4	1.8	1.5	2.7	1.9	1.7	1.4	1.2	1.1
44	2.9			2.9	2.8	2.6	2.2	1.8	1.4	2.6	1.8	1.7	1.3	1.1	1.1
46	2.6			2.6	2.6	2.4	2.0	1.8	1.4	2.5	1.7	1.6	1.3	1.1	1.1
48	2.3			2.3	2.4	2.2	1.9	1.7	1.3	2.4	1.6	1.6	1.2	1.1	1.1
50	2.1			2.1	2.1	2.1	1.8	1.6	1.3	2.2	1.5	1.6	1.2	1.0	1.0
52	1.8			1.9	1.9	1.9	1.7	1.5	1.3	2.0	1.4	1.5	1.1	1.0	1.0
54	1.6			1.7	1.7	1.7	1.6	1.4	1.3	1.8	1.3	1.4	1.1	1.0	1.0
56	1.4			1.5	1.5	1.5	1.5	1.3	1.3	1.6	1.2	1.3	1.0	1.0	1.0
58	1.3			1.3	1.3	1.3	1.4	1.3	1.2	1.4	1.1	1.2	1.0	1.0	1.0
60	1.1			1.1	1.1	1.1	1.3	1.2	1.2	1.2	1.0	1.1	1.0	0.9	0.9
62	0.9			1.0	1.0	1.0	1.2	1.1	1.2	1.0	1.0	1.0	1.0	0.9	0.9
64	0.8				0.8	0.8	1.1	1.0	1.2	0.8	0.9	0.9	0.9	0.9	0.9
66							1.0	0.9	1.0				0.9	0.9	0.8
68							0.8	0.8	0.9				0.8	0.8	0.8
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight Forward 31.3T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 31.3T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2			4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0			4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.5			4.3	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.0			3.8	3.7	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	3.5			3.4	3.4	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	3.1			3.0	3.0	2.9	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	2.7			2.6	2.6	2.6	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	2.4			2.3	2.3	2.3	2.4	1.8	1.5	2.5	1.9	1.7	1.4	1.2	1.1
44	2.1			2.0	2.0	2.0	2.2	1.8	1.4	2.2	1.8	1.7	1.3	1.1	1.1
46	1.8			1.7	1.7	1.8	2.0	1.8	1.4	1.9	1.7	1.6	1.3	1.1	1.1
48	1.6			1.5	1.5	1.5	1.8	1.7	1.3	1.7	1.6	1.6	1.2	1.1	1.1
50	1.4			1.3	1.3	1.3	1.6	1.6	1.3	1.4	1.5	1.5	1.2	1.0	1.0
52	1.2			1.1	1.1	1.1	1.4	1.5	1.3	1.2	1.3	1.3	1.1	1.0	1.0
54	1.0			0.9	0.9	1.0	1.2	1.3	1.3	1.0	1.1	1.1	1.1	1.0	1.0
56	0.8						1.0	1.1	1.2	0.8	0.8	0.8	1.0	1.0	1.0
58							0.9	1.0	1.0				0.9	1.0	1.0
60								0.8	0.9				0.8	0.9	0.9
62															
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight Forward 31T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 31T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2			4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0			4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.5			4.3	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.0			3.8	3.7	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	3.5			3.4	3.4	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	3.1			3.0	3.0	2.9	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	2.7			2.6	2.6	2.6	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	2.4			2.3	2.3	2.3	2.4	1.8	1.5	2.5	1.9	1.7	1.4	1.2	1.1
44	2.1			2.0	2.0	2.0	2.2	1.8	1.4	2.2	1.8	1.7	1.3	1.1	1.1
46	1.8			1.7	1.7	1.7	2.0	1.8	1.4	1.9	1.7	1.6	1.3	1.1	1.1
48	1.6			1.5	1.5	1.5	1.8	1.7	1.3	1.6	1.6	1.6	1.2	1.1	1.1
50	1.4			1.3	1.3	1.3	1.6	1.6	1.3	1.4	1.4	1.4	1.2	1.0	1.0
52	1.2			1.1	1.1	1.1	1.4	1.4	1.3	1.2	1.2	1.2	1.1	1.0	1.0
54	1.0			0.9	0.9	0.9	1.2	1.2	1.3	1.0	1.0	1.0	1.1	1.0	1.0
56	0.8						1.0	1.1	1.1	0.8	0.8	0.8	1.0	1.0	1.0
58							0.9	0.9	1.0				0.9	1.0	1.0
60								0.8	0.8					0.9	0.9
62															
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight Forward 27T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 27T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2			4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	4.5			4.3	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.0			3.8	3.7	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	3.5			3.3	3.3	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	3.1			2.9	2.9	2.9	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	2.7			2.5	2.5	2.5	2.7	2.0	1.5	2.7	2.2	1.8	1.6	1.2	1.2
40	2.3			2.2	2.2	2.2	2.4	1.9	1.5	2.4	2.0	1.8	1.5	1.2	1.2
42	2.0			1.9	1.9	1.9	2.1	1.8	1.5	2.1	1.9	1.7	1.4	1.2	1.1
44	1.7			1.6	1.6	1.6	1.9	1.8	1.4	1.8	1.8	1.7	1.3	1.1	1.1
46	1.5			1.4	1.4	1.4	1.6	1.7	1.4	1.5	1.5	1.5	1.3	1.1	1.1
48	1.3			1.2	1.2	1.2	1.4	1.5	1.3	1.3	1.3	1.3	1.2	1.1	1.1
50	1.0			1.0	1.0	1.0	1.2	1.3	1.3	1.1	1.1	1.1	1.2	1.0	1.0
52	0.8				0.8	0.8	1.1	1.1	1.2	0.8	0.9	0.9	1.1	1.0	1.0
54							0.9	0.9	1.0				1.0	1.0	1.0
56								0.8	0.9				0.8	0.9	0.9
58															0.8
60															
62															
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight Forward 23T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 23T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.4			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	4.7			4.4	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	4.1			3.8	3.8	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	3.5			3.3	3.3	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	3.0			2.8	2.9	2.9	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	2.6			2.4	2.5	2.5	2.7	2.1	1.6	2.7	2.3	1.9	1.7	1.3	1.2
38	2.2			2.1	2.1	2.1	2.4	2.0	1.5	2.3	2.2	1.8	1.6	1.2	1.2
40	1.9			1.8	1.8	1.8	2.1	1.9	1.5	2.0	2.0	1.8	1.5	1.2	1.2
42	1.6			1.5	1.5	1.5	1.8	1.8	1.5	1.7	1.7	1.7	1.4	1.2	1.1
44	1.3			1.3	1.3	1.3	1.5	1.6	1.4	1.4	1.4	1.4	1.3	1.1	1.1
46	1.1			1.0	1.1	1.1	1.3	1.4	1.4	1.2	1.2	1.2	1.3	1.1	1.1
48	0.9				0.9	0.9	1.1	1.2	1.3	0.9	1.0	1.0	1.2	1.1	1.1
50							0.9	1.0	1.1				1.0	1.0	1.0
52								0.8	0.9				0.8	0.9	1.0
54									0.8						0.9
56															
58															
60															
62															
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight Forward 21.3T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 21.3T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.3			4.9	4.0	3.3	3.5	2.4		3.3	2.7				
28	4.6			4.2	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	3.9			3.6	3.6	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	3.4			3.1	3.1	3.1	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	2.9			2.7	2.7	2.7	2.9	2.2	1.6	2.9	2.4	1.9	1.8	1.4	1.2
36	2.5			2.3	2.3	2.3	2.5	2.1	1.6	2.5	2.3	1.9	1.7	1.3	1.2
38	2.1			1.9	1.9	2.0	2.2	2.0	1.5	2.1	2.1	1.8	1.6	1.2	1.2
40	1.7			1.6	1.6	1.7	1.9	1.9	1.5	1.8	1.8	1.8	1.5	1.2	1.2
42	1.4			1.4	1.4	1.4	1.6	1.7	1.5	1.5	1.5	1.6	1.4	1.2	1.1
44	1.2			1.1	1.1	1.2	1.4	1.5	1.4	1.3	1.3	1.3	1.3	1.1	1.1
46	1.0			0.9	0.9	0.9	1.2	1.3	1.4	1.0	1.1	1.1	1.3	1.1	1.1
48							1.0	1.1	1.2		0.8	0.8	1.1	1.1	1.1
50							0.8	0.9	1.0				0.9	1.0	1.0
52									0.8					0.8	0.9
54															
56															
58															
60															
62															
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight Forward 17.3T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 17.3T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.4			5.3	4.0	3.3	3.7								
24	5.4			5.0	4.0	3.3	3.6			3.4					
26	4.6			4.2	4.0	3.3	3.5	2.4		3.3	2.7				
28	3.9			3.5	3.6	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	3.3			3.0	3.1	3.1	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	2.8			2.6	2.6	2.6	2.9	2.2	1.6	2.8	2.5	2.0	2.0	1.5	1.3
34	2.4			2.2	2.2	2.2	2.5	2.2	1.6	2.4	2.3	1.9	1.8	1.4	1.2
36	2.0			1.8	1.8	1.9	2.1	2.1	1.6	2.0	2.0	1.9	1.7	1.3	1.2
38	1.6			1.5	1.5	1.5	1.8	2.0	1.5	1.7	1.7	1.7	1.6	1.2	1.2
40	1.3			1.2	1.2	1.3	1.5	1.7	1.5	1.4	1.4	1.4	1.5	1.2	1.2
42	1.1			1.0	1.0	1.0	1.3	1.4	1.5	1.1	1.1	1.1	1.3	1.2	1.1
44	0.8					0.8	1.0	1.2	1.3	0.8	0.9	0.9	1.1	1.1	1.1
46							0.8	1.0	1.1				0.9	1.0	1.1
48								0.8	0.9					0.8	0.9
50															
52															
54															
56															
58															
60															
62															
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight Forward 13.3T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 13.3T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	6.8			5.5	4.0										
22	5.6			5.2	4.0	3.3	3.7								
24	4.7			4.3	4.0	3.3	3.6			3.4					
26	3.9			3.6	3.6	3.3	3.5	2.4		3.3	2.7				
28	3.3			3.0	3.0	3.0	3.3	2.3		3.2	2.6	2.1	2.3		
30	2.7			2.5	2.5	2.5	2.8	2.3	1.6	2.7	2.6	2.0	2.2	1.5	
32	2.3			2.1	2.1	2.1	2.4	2.2	1.6	2.3	2.3	2.0	2.0	1.5	1.3
34	1.9			1.7	1.7	1.7	2.0	2.1	1.6	1.9	1.9	1.9	1.8	1.4	1.2
36	1.5			1.4	1.4	1.4	1.7	1.8	1.6	1.5	1.6	1.6	1.7	1.3	1.2
38	1.2			1.1	1.1	1.1	1.4	1.5	1.5	1.2	1.2	1.3	1.5	1.2	1.2
40	0.9			0.8	0.8	0.9	1.1	1.2	1.3	0.9	1.0	1.0	1.2	1.2	1.2
42							0.9	1.0	1.1				1.0	1.1	1.1
44								0.8	0.9					0.9	1.0
46															0.8
48															
50															
52															
54															
56															
58															
60															
62															
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight Forward 11T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 11T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	6.2			5.5	4.0										
22	5.1			4.7	4.0	3.3	3.7								
24	4.2			3.9	3.9	3.3	3.6			3.4					
26	3.5			3.2	3.2	3.3	3.5	2.4		3.3	2.7				
28	2.9			2.6	2.7	2.7	2.9	2.3		2.9	2.6	2.1	2.3		
30	2.4			2.2	2.2	2.2	2.5	2.3	1.6	2.4	2.4	2.0	2.2	1.5	
32	1.9			1.8	1.8	1.8	2.1	2.2	1.6	2.0	2.0	2.0	2.0	1.5	1.3
34	1.5			1.4	1.4	1.5	1.7	1.9	1.6	1.6	1.6	1.6	1.8	1.4	1.2
36	1.2			1.1	1.1	1.2	1.4	1.6	1.6	1.3	1.3	1.3	1.5	1.3	1.2
38	0.9			0.8	0.9	0.9	1.1	1.3	1.4	1.0	1.0	1.0	1.2	1.2	1.2
40							0.9	1.0	1.1				1.0	1.1	1.2
42								0.8	0.9					0.9	1.0
44															0.8
46															
48															
50															
52															
54															
56															
58															
60															
62															
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight in Middle Position 52T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 52T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2			4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0			4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.8			4.3	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.6			4.2	3.7	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	4.4			4.0	3.6	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	4.2			3.7	3.5	2.9	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	4.0			3.4	3.2	2.8	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	3.9			3.2	3.0	2.7	2.4	1.8	1.5	2.7	1.9	1.7	1.4	1.2	1.1
44	3.7			3.0	2.8	2.6	2.2	1.8	1.4	2.6	1.8	1.7	1.3	1.1	1.1
46	3.5			2.8	2.6	2.4	2.0	1.8	1.4	2.5	1.7	1.6	1.3	1.1	1.1
48	3.3			2.6	2.4	2.2	1.9	1.7	1.3	2.4	1.6	1.6	1.2	1.1	1.1
50	3.1			2.4	2.2	2.1	1.8	1.6	1.3	2.3	1.5	1.6	1.2	1.0	1.0
52	2.8			2.2	2.1	2.0	1.7	1.5	1.3	2.2	1.4	1.5	1.1	1.0	1.0
54	2.5			2.1	2.0	1.9	1.6	1.4	1.3	2.1	1.3	1.4	1.1	1.0	1.0
56	2.3			2.0	1.9	1.8	1.5	1.3	1.3	2.0	1.2	1.3	1.0	1.0	1.0
58	2.1			1.9	1.8	1.7	1.4	1.3	1.2	1.9	1.1	1.2	1.0	1.0	1.0
60	1.9			1.7	1.6	1.5	1.3	1.2	1.2	1.7	1.0	1.1	1.0	0.9	0.9
62	1.7			1.6	1.5	1.4	1.2	1.1	1.2	1.5	1.0	1.0	1.0	0.9	0.9
64	1.6			1.4	1.4	1.3	1.1	1.0	1.2	1.3	0.9	0.9	0.9	0.9	0.9
66	1.4			1.3	1.3	1.2	1.0	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.8
68	1.3			1.2	1.2	1.1	0.9	0.8	1.1	0.9	0.8	0.8	0.8	0.8	0.8
Parts of line	1														
Telescope boom	333333														

Outrigger 100% Extended, Counterweight in Middle Position 41T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 41T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2			4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0			4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.8			4.3	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.6			4.2	3.7	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	4.4			4.0	3.6	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	4.2			3.7	3.5	2.9	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	3.8			3.4	3.2	2.8	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	3.4			3.2	3.0	2.7	2.4	1.8	1.5	2.7	1.9	1.7	1.4	1.2	1.1
44	3.1			3.0	2.8	2.6	2.2	1.8	1.4	2.6	1.8	1.7	1.3	1.1	1.1
46	2.8			2.7	2.6	2.4	2.0	1.8	1.4	2.5	1.7	1.6	1.3	1.1	1.1
48	2.5			2.5	2.4	2.2	1.9	1.7	1.3	2.4	1.6	1.6	1.2	1.1	1.1
50	2.2			2.2	2.2	2.1	1.8	1.6	1.3	2.3	1.5	1.6	1.2	1.0	1.0
52	2.0			2.0	2.0	2.0	1.7	1.5	1.3	2.1	1.4	1.5	1.1	1.0	1.0
54	1.8			1.8	1.8	1.8	1.6	1.4	1.3	1.9	1.3	1.4	1.1	1.0	1.0
56	1.6			1.6	1.6	1.6	1.5	1.3	1.3	1.7	1.2	1.3	1.0	1.0	1.0
58	1.4			1.4	1.4	1.4	1.4	1.3	1.2	1.5	1.1	1.2	1.0	1.0	1.0
60	1.2			1.2	1.2	1.3	1.3	1.2	1.2	1.3	1.0	1.1	1.0	0.9	0.9
62	1.1			1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.0	1.0	1.0	0.9	0.9
64	0.9			0.9	1.0	1.0	1.1	1.0	1.2	1.0	0.9	0.9	0.9	0.9	0.9
66							1.0	0.9	1.1	0.8	0.8	0.8	0.9	0.9	0.8
68							0.9	0.8	1.0				0.8	0.8	0.8
Parts of line	1														
Telescope boom	333333														

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 31T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2			4.7	3.9	3.0	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0			4.5	3.9	2.5	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.6			4.3	3.8	2.1	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.1			3.9	3.7	1.7	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	3.6			3.5	3.5	1.4	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	3.2			3.1	3.1	1.1	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	2.8			2.7	2.7	0.9	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	2.5			2.4	2.4		2.4	1.8	1.5	2.6	1.9	1.7	1.4	1.2	1.1
44	2.2			2.1	2.1		2.2	1.8	1.4	2.3	1.8	1.7	1.3	1.1	1.1
46	1.9			1.8	1.8		2.0	1.8	1.4	2.0	1.7	1.6	1.3	1.1	1.1
48	1.7			1.6	1.6		1.9	1.7	1.3	1.8	1.6	1.6	1.2	1.1	1.1
50	1.5			1.4	1.4		1.7	1.6	1.3	1.5	1.5	1.6	1.2	1.0	1.0
52	1.3			1.2	1.2		1.5	1.5	1.3	1.3	1.3	1.4	1.1	1.0	1.0
54	1.1			1.0	1.0		1.3	1.3	1.3	1.1	1.1	1.2	1.1	1.0	1.0
56	0.9			0.8	0.8		1.1	1.2	1.2	0.9	0.9	1.0	1.0	1.0	1.0
58							1.0	1.0	1.1				1.0	1.0	1.0
60							0.8	0.9	0.9				0.9	0.9	0.9
62									0.8					0.8	0.8
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Boom Angle (°)		Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 27T (Unit): t														
		75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
		0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5				5.5											
20	7.0				5.5	4.0										
22	6.5				5.3	4.0	3.3	3.7								
24	6.2				5.2	4.0	3.3	3.6			3.4					
26	5.5				5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2				4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	4.7				4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.1				4.0	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	3.6				3.5	3.4	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	3.2				3.1	3.0	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	2.8				2.7	2.6	2.6	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	2.5				2.3	2.3	2.3	2.5	1.9	1.5	2.5	2.0	1.8	1.5	1.2	1.2
42	2.1				2.0	2.0	2.0	2.2	1.8	1.5	2.2	1.9	1.7	1.4	1.2	1.1
44	1.9				1.7	1.7	1.7	2.0	1.8	1.4	1.9	1.8	1.7	1.3	1.1	1.1
46	1.6				1.5	1.5	1.5	1.7	1.8	1.4	1.6	1.6	1.6	1.3	1.1	1.1
48	1.4				1.3	1.3	1.3	1.5	1.6	1.3	1.4	1.4	1.4	1.2	1.1	1.1
50	1.1				1.1	1.1	1.1	1.3	1.4	1.3	1.2	1.2	1.2	1.2	1.0	1.0
52	0.9				0.9	0.9	0.9	1.1	1.2	1.2	1.0	1.0	1.0	1.1	1.0	1.0
54								1.0	1.0	1.1			0.8	1.1	1.0	1.0
56								0.8	0.9	0.9				0.9	1.0	1.0
58										0.8					0.8	0.9
60																
62																
64																
66																
68																
Parts of line	1															
Telescope boom	333333															

Outrigger 100% Extended, Counterweight in Middle Position 23T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 23T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	4.8			4.5	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	4.2			3.9	3.8	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	3.6			3.4	3.3	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	3.1			2.9	2.9	3.0	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	2.7			2.5	2.5	2.6	2.8	2.1	1.6	2.8	2.3	1.9	1.7	1.3	1.2
38	2.3			2.2	2.2	2.2	2.4	2.0	1.5	2.4	2.2	1.8	1.6	1.2	1.2
40	2.0			1.9	1.9	1.9	2.1	1.9	1.5	2.1	2.0	1.8	1.5	1.2	1.2
42	1.7			1.6	1.6	1.6	1.8	1.8	1.5	1.8	1.8	1.7	1.4	1.2	1.1
44	1.4			1.3	1.3	1.4	1.6	1.7	1.4	1.5	1.5	1.5	1.3	1.1	1.1
46	1.2			1.1	1.1	1.1	1.4	1.5	1.4	1.2	1.3	1.3	1.3	1.1	1.1
48	1.0			0.9	0.9	0.9	1.2	1.3	1.3	1.0	1.0	1.1	1.2	1.1	1.1
50							1.0	1.1	1.2		0.8	0.8	1.1	1.0	1.0
52							0.8	0.9	1.0				0.9	1.0	1.0
54									0.8					0.8	0.9
56															
58															
60															
62															
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Boom Angle (°)		Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 52T (Unit): t														
		75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
		0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5				5.5											
20	7.0				5.5	4.0										
22	6.5				5.3	4.0	3.3	3.7								
24	6.2				5.2	4.0	3.3	3.6			3.4					
26	5.5				5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2				4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0				4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.8				4.3	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.6				4.2	3.7	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	4.4				4.0	3.6	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	4.2				3.7	3.5	2.9	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	4.0				3.4	3.2	2.8	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	3.9				3.2	3.0	2.7	2.4	1.8	1.5	2.7	1.9	1.7	1.4	1.2	1.1
44	3.7				3.0	2.8	2.6	2.2	1.8	1.4	2.6	1.8	1.7	1.3	1.1	1.1
46	3.5				2.8	2.6	2.4	2.0	1.8	1.4	2.5	1.7	1.6	1.3	1.1	1.1
48	3.3				2.6	2.4	2.2	1.9	1.7	1.3	2.4	1.6	1.6	1.2	1.1	1.1
50	3.1				2.4	2.2	2.1	1.8	1.6	1.3	2.3	1.5	1.6	1.2	1.0	1.0
52	2.8				2.2	2.1	2.0	1.7	1.5	1.3	2.2	1.4	1.5	1.1	1.0	1.0
54	2.6				2.1	2.0	1.9	1.6	1.4	1.3	2.1	1.3	1.4	1.1	1.0	1.0
56	2.4				2.0	1.9	1.8	1.5	1.3	1.3	2.0	1.2	1.3	1.0	1.0	1.0
58	2.2				1.9	1.8	1.7	1.4	1.3	1.2	1.9	1.1	1.2	1.0	1.0	1.0
60	2.0				1.7	1.6	1.5	1.3	1.2	1.2	1.7	1.0	1.1	1.0	0.9	0.9
62	1.8				1.6	1.5	1.4	1.2	1.1	1.2	1.5	1.0	1.0	1.0	0.9	0.9
64	1.6				1.4	1.4	1.3	1.1	1.0	1.2	1.3	0.9	0.9	0.9	0.9	0.9
66	1.4				1.3	1.3	1.2	1.0	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.8
68	1.3				1.2	1.2	1.1	0.9	0.8	1.1	0.9	0.8	0.8	0.8	0.8	0.8
Parts of line	1															
Telescope boom	333333															

Outrigger 100% Extended, Counterweight Backward 42.3T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 42.3T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3									
24	6.2			5.2	4.0	3.3	3.4			3.4					
26	5.5			5.0	4.0	3.3	3.3	2.7		3.3	2.7				
28	5.2			4.7	3.9	3.2	3.2	2.6	2.1	3.2	2.6	2.1	2.3		
30	5.0			4.5	3.9	3.2	3.1	2.6	2.0	3.1	2.6	2.0	2.2	1.5	
32	4.8			4.3	3.8	3.2	3.0	2.5	2.0	3.0	2.5	2.0	2.0	1.5	1.3
34	4.6			4.2	3.7	3.1	3.0	2.4	1.9	3.0	2.4	1.9	1.8	1.4	1.2
36	4.4			4.0	3.6	3.0	2.9	2.3	1.9	2.9	2.3	1.9	1.7	1.3	1.2
38	4.2			3.7	3.5	2.9	2.8	2.2	1.8	2.8	2.2	1.8	1.6	1.2	1.2
40	4.0			3.4	3.2	2.8	2.8	2.0	1.8	2.8	2.0	1.8	1.5	1.2	1.2
42	3.6			3.2	3.0	2.7	2.7	1.9	1.7	2.7	1.9	1.7	1.4	1.2	1.1
44	3.3			3.0	2.8	2.6	2.6	1.8	1.7	2.6	1.8	1.7	1.3	1.1	1.1
46	3.0			2.8	2.6	2.4	2.5	1.7	1.6	2.5	1.7	1.6	1.3	1.1	1.1
48	2.7			2.6	2.4	2.2	2.4	1.6	1.6	2.4	1.6	1.6	1.2	1.1	1.1
50	2.4			2.4	2.2	2.1	2.3	1.5	1.6	2.3	1.5	1.6	1.2	1.0	1.0
52	2.2			2.1	2.1	2.0	2.2	1.4	1.5	2.2	1.4	1.5	1.1	1.0	1.0
54	1.9			1.9	1.9	1.9	2.0	1.3	1.4	2.0	1.3	1.4	1.1	1.0	1.0
56	1.7			1.7	1.7	1.7	1.8	1.2	1.3	1.8	1.2	1.3	1.0	1.0	1.0
58	1.5			1.5	1.5	1.6	1.6	1.1	1.2	1.6	1.1	1.2	1.0	1.0	1.0
60	1.4			1.4	1.4	1.4	1.4	1.0	1.1	1.4	1.0	1.1	1.0	0.9	0.9
62	1.2			1.2	1.2	1.2	1.3	1.0	1.0	1.3	1.0	1.0	1.0	0.9	0.9
64	1.0			1.1	1.1	1.1	1.1	0.9	0.9	1.1	0.9	0.9	0.9	0.9	0.9
66	0.9			0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
68							0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Parts of line	1														
Telescope boom	333333														

Boom Angle (°)		Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 41T (Unit): t														
		75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
		0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5				5.5											
20	7.0				5.5	4.0										
22	6.5				5.3	4.0	3.3	3.7								
24	6.2				5.2	4.0	3.3	3.6			3.4					
26	5.5				5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2				4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0				4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.8				4.3	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.6				4.2	3.7	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	4.4				4.0	3.6	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	4.2				3.7	3.5	2.9	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	3.9				3.4	3.2	2.8	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	3.5				3.2	3.0	2.7	2.4	1.8	1.5	2.7	1.9	1.7	1.4	1.2	1.1
44	3.1				3.0	2.8	2.6	2.2	1.8	1.4	2.6	1.8	1.7	1.3	1.1	1.1
46	2.8				2.7	2.6	2.4	2.0	1.8	1.4	2.5	1.7	1.6	1.3	1.1	1.1
48	2.5				2.5	2.4	2.2	1.9	1.7	1.3	2.4	1.6	1.6	1.2	1.1	1.1
50	2.3				2.2	2.2	2.1	1.8	1.6	1.3	2.3	1.5	1.6	1.2	1.0	1.0
52	2.0				2.0	2.0	2.0	1.7	1.5	1.3	2.2	1.4	1.5	1.1	1.0	1.0
54	1.8				1.8	1.8	1.8	1.6	1.4	1.3	2.0	1.3	1.4	1.1	1.0	1.0
56	1.6				1.6	1.6	1.6	1.5	1.3	1.3	1.8	1.2	1.3	1.0	1.0	1.0
58	1.4				1.4	1.4	1.4	1.4	1.3	1.2	1.6	1.1	1.2	1.0	1.0	1.0
60	1.3				1.3	1.3	1.3	1.3	1.2	1.2	1.4	1.0	1.1	1.0	0.9	0.9
62	1.1				1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.0	1.0	1.0	0.9	0.9
64	1.0				1.0	1.0	1.0	1.1	1.0	1.2	1.1	0.9	0.9	0.9	0.9	0.9
66	0.8				0.8	0.8	0.8	1.0	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.8
68	1.3							0.9	0.8	1.0				0.8	0.8	0.8
Parts of line	1															
Telescope boom	333333															

Outrigger 100% Extended, Counterweight Backward 31.3T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 31.3T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.5			5.3	4.0	3.3	3.7								
24	6.2			5.2	4.0	3.3	3.6			3.4					
26	5.5			5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	5.2			4.7	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	5.0			4.5	3.9	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	4.7			4.3	3.8	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	4.2			4.0	3.7	3.1	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	3.7			3.6	3.6	3.0	2.8	2.1	1.6	2.9	2.3	1.9	1.7	1.3	1.2
38	3.3			3.2	3.3	2.9	2.7	2.0	1.5	2.8	2.2	1.8	1.6	1.2	1.2
40	2.9			2.8	2.9	2.8	2.6	1.9	1.5	2.8	2.0	1.8	1.5	1.2	1.2
42	2.6			2.5	2.6	2.5	2.4	1.8	1.5	2.7	1.9	1.7	1.4	1.2	1.1
44	2.3			2.2	2.3	2.2	2.2	1.8	1.4	2.4	1.8	1.7	1.3	1.1	1.1
46	2.0			1.9	2.0	2.0	2.0	1.8	1.4	2.1	1.7	1.6	1.3	1.1	1.1
48	1.8			1.7	1.7	1.7	1.9	1.7	1.3	1.8	1.6	1.6	1.2	1.1	1.1
50	1.6			1.5	1.5	1.5	1.8	1.6	1.3	1.6	1.5	1.6	1.2	1.0	1.0
52	1.4			1.3	1.3	1.3	1.7	1.5	1.3	1.4	1.4	1.4	1.1	1.0	1.0
54	1.2			1.1	1.1	1.1	1.6	1.4	1.3	1.2	1.2	1.2	1.1	1.0	1.0
56	1.0			0.9	0.9	0.9	1.5	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0
58	0.8						1.4	1.3	1.2	0.8	0.8	0.8	1.0	1.0	1.0
60							1.3	1.2	1.2				0.9	0.9	0.9
62							1.2	1.1	1.2					0.8	0.9
64							1.1	1.0	1.2						
66							1.0	0.9	1.1						
68							0.9	0.8	1.1						
Parts of line	1														
Telescope boom	333333														

Boom Angle (°)		Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 21.3T (Unit): t														
		75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
		0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5				5.5											
20	7.0				5.5	4.0										
22	6.5				5.3	4.0	3.3	3.7								
24	6.2				5.2	4.0	3.3	3.6			3.4					
26	5.4				5.0	4.0	3.3	3.5	2.4		3.3	2.7				
28	4.6				4.3	3.9	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	4.0				3.7	3.7	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	3.5				3.2	3.2	3.2	3.1	2.2	1.6	3.0	2.5	2.0	2.0	1.5	1.3
34	3.0				2.8	2.8	2.9	3.0	2.2	1.6	3.0	2.4	1.9	1.8	1.4	1.2
36	2.6				2.4	2.4	2.5	2.7	2.1	1.6	2.6	2.3	1.9	1.7	1.3	1.2
38	2.2				2.0	2.1	2.1	2.3	2.0	1.5	2.2	2.2	1.8	1.6	1.2	1.2
40	1.9				1.7	1.8	1.8	2.0	1.9	1.5	1.9	2.0	1.8	1.5	1.2	1.2
42	1.6				1.5	1.5	1.5	1.7	1.8	1.5	1.6	1.7	1.7	1.4	1.2	1.1
44	1.3				1.2	1.2	1.3	1.5	1.6	1.4	1.4	1.4	1.4	1.3	1.1	1.1
46	1.1				1.0	1.0	1.1	1.3	1.4	1.4	1.1	1.2	1.2	1.3	1.1	1.1
48	0.9				0.8	0.8	0.9	1.1	1.2	1.3	0.9	0.9	1.0	1.2	1.1	1.1
50								0.9	1.0	1.1				1.0	1.0	1.0
52									0.8	0.9				0.8	0.9	1.0
54																0.8
56																
58																
60																
62																
64																
66																
68																
Parts of line	1															
Telescope boom	333333															

Outrigger 100% Extended, Counterweight Backward 17.3T

Boom Angle (°)	Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 17.3T (Unit): t														
	75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5			5.5											
20	7.0			5.5	4.0										
22	6.4			5.3	4.0	3.3	3.7								
24	5.6			5.2	4.0	3.3	3.6			3.4					
26	4.7			4.4	4.0	3.3	3.5	2.4		3.3	2.7				
28	4.0			3.7	3.8	3.2	3.5	2.3		3.2	2.6	2.1	2.3		
30	3.4			3.2	3.2	3.2	3.3	2.3	1.6	3.1	2.6	2.0	2.2	1.5	
32	2.9			2.7	2.7	2.8	3.0	2.2	1.6	2.9	2.5	2.0	2.0	1.5	1.3
34	2.5			2.3	2.3	2.4	2.6	2.2	1.6	2.5	2.4	1.9	1.8	1.4	1.2
36	2.1			1.9	2.0	2.0	2.2	2.1	1.6	2.1	2.1	1.9	1.7	1.3	1.2
38	1.8			1.6	1.6	1.7	1.9	2.0	1.5	1.8	1.8	1.8	1.6	1.2	1.2
40	1.5			1.3	1.3	1.4	1.6	1.8	1.5	1.5	1.5	1.5	1.5	1.2	1.2
42	1.2			1.1	1.1	1.1	1.4	1.5	1.5	1.2	1.2	1.3	1.4	1.2	1.1
44	0.9			0.9	0.9	0.9	1.1	1.3	1.4	1.0	1.0	1.0	1.2	1.1	1.1
46							0.9	1.1	1.2				1.0	1.1	1.1
48								0.9	1.0				0.8	0.9	1.0
50								0.8							0.8
52															
54															
56															
58															
60															
62															
64															
66															
68															
Parts of line	1														
Telescope boom	333333														

Boom Angle (°)		Load Chart, Main Boom Fully Extended + Swingaway Boom Extension, Outriggers 100% Extended, Counterweight: 13.3T (Unit): t														
		75.5 m + 9 m			75.5 m + 10.2 m			75.5 m + 17.5 m			75.5 m + 19.7 m			75.5 m + 27 m		
		0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
18	7.5				5.5											
20	6.9				5.5	4.0										
22	5.8				5.3	4.0	3.3	3.7								
24	4.8				4.4	4.0	3.3	3.6			3.4					
26	4.0				3.7	3.7	3.3	3.5	2.4		3.3	2.7				
28	3.4				3.1	3.1	3.2	3.4	2.3		3.2	2.6	2.1	2.3		
30	2.8				2.6	2.6	2.7	2.9	2.3	1.6	2.8	2.6	2.0	2.2	1.5	
32	2.4				2.2	2.2	2.3	2.5	2.2	1.6	2.4	2.4	2.0	2.0	1.5	1.3
34	2.0				1.8	1.8	1.9	2.1	2.2	1.6	2.0	2.0	1.9	1.8	1.4	1.2
36	1.6				1.5	1.5	1.5	1.8	1.9	1.6	1.6	1.7	1.7	1.7	1.3	1.2
38	1.3				1.2	1.2	1.2	1.5	1.6	1.5	1.3	1.3	1.4	1.6	1.2	1.2
40	1.0				0.9	0.9	1.0	1.2	1.3	1.4	1.0	1.1	1.1	1.3	1.2	1.2
42								1.0	1.1	1.2			0.8	1.1	1.2	1.1
44									0.9	1.0				0.8	1.0	1.1
46										0.8						0.9
48																
50																
52																
54																
56																
58																
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68																
Parts of line	1															
Telescope boom	333333															

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www.sanyglobal.com



SANY Automobile Hoisting Machinery Co., Ltd.

No.168, Jinzhou Avenue, Jinzhou Development Zone, Changsha, Hunan, China

Tel: 0086-4006098318

Email: crd@sany.com.cn

Website: www.sanyglobal.com

