

Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

**Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating**

Maximum Operating Wind Speed 10 m/s
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LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4.0 degree tipping angle. Capacities based on structural competence are denoted by an asterisk (*).

57.9m and 61.0m boom lengths require only the middle 3 sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

Weight of all load blocks, hooks, weight ball, slings, etc., beneath boom point sheaves, is considered part of main boom load. Reeved hoist line included in boom weight. Weight of luffing jib and 2 270 kg suspended beneath luffing jib point sheaves have been included in capacity determination. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up and turntable level within a tolerance of 13 mm in 3m and properly supported. During operation, luffing jib must be maintained at proper boom to luffing jib angle shown in table. Refer to luffing jib assembly **No. 192086**, Wire Rope Specification chart **No. 8173-A**, Counterweight Arrangement chart **No. 8026-A** and Luffing Jib Raising Procedure chart **No. 9210-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

WIND CONDITIONS: Machine may be operated in winds stated in Maximum Operating Wind Speed table provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind will have a considerable effect on load with a large "sail area" and must be compensated for accordingly by reducing load ratings, reducing operating speeds or by a combination of both.

Boom Catwalks Deduct

Deduct 200 kg from capacities when boom catwalks are attached.

Wind speed to be measured at jib point elevation. **Operation is not permitted when wind is above conditions stated in Maximum Operating Wind Speed table and load block (2 180 kg minimum) must be suspended below luffing jib point when luffing jib is positioned above 60 degrees.** Park crane (upper inline with crawlers) with load block on ground or secured and position boom at 70 degrees. Lower boom onto blocking at ground level when wind is above 22 m/s.

MACHINE TRAVEL: Machine to travel on a firm, level (not to exceed 13 mm in 3m) and uniformly supporting surface. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0.4 m/s. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 9209-A**.

MAX PERMISSIBLE SLEWING SPEED: Slewing operation with working load shall not exceed 0.4 m/s as measured at the operating radius. The amount of time to brake or start slewing a working load shall not be less than 2.5 seconds.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 12 part boom hoist reeving, boom support straps, 10 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, and 76 750 kg counterweight.

Luffing Jib Position During Operation	
Luffing Jib Length - Meters	Boom To Luffing Jib Angle
21.3	145 Degrees
24.4 - 27.4	150 Degrees
30.5 - 33.5	160 Degrees
36.6 - 61.0	168 Degrees

Consult Chart **No. 8042-AM** for luffing jib capacities.



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**Maximum Operating
Wind Speed
10 m/s**

21.3m (70 Ft.) Luffing Jib, Attached at 145 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	214 900 *
6.5	81.4	26.4	195 900
7.0	80.2	26.3	175 200
7.5	79.0	26.2	158 100
8.0	77.8	26.1	143 700
8.5	76.6	26.0	131 300
9.0	75.4	25.8	120 600
10.0	72.9	25.5	103 000
11.0	70.4	25.1	89 200
12.0	67.8	24.7	78 100
13.0	65.2	24.2	68 500
14.0	62.6	23.7	59 500
15.0	59.8	23.1	52 200
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	191 100
6.5	82.4	29.5	187 000
7.0	81.3	29.4	167 800
7.5	80.3	29.3	151 900
8.0	79.2	29.2	138 400
8.5	78.1	29.1	126 700
9.0	77.0	29.0	116 600
10.0	74.9	28.7	100 000
11.0	72.7	28.4	86 800
12.0	70.4	28.0	76 000
13.0	68.2	27.6	67 200
14.0	65.9	27.1	59 700
15.0	63.5	26.6	52 400
16.0	61.1	26.0	46 200
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	170 900
7.0	82.2	32.5	160 900
7.5	81.2	32.4	146 000
8.0	80.3	32.3	133 300
8.5	79.3	32.2	122 400
9.0	78.4	32.1	112 800
10.0	76.4	31.9	96 900
11.0	74.5	31.6	84 300
12.0	72.5	31.2	74 000
13.0	70.5	30.9	65 400
14.0	68.5	30.5	58 200
15.0	66.4	30.0	52 100
16.0	64.3	29.5	46 400
18.0	60.0	28.4	36 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	152 400 *
7.5	82.0	35.5	141 100
8.0	81.2	35.4	128 900
8.5	80.3	35.3	118 500
9.0	79.4	35.2	109 500
10.0	77.7	35.0	94 400
11.0	75.9	34.7	82 300
12.0	74.1	34.4	72 400
13.0	72.3	34.1	64 100
14.0	70.5	33.8	57 100
15.0	68.7	33.3	51 100
16.0	66.8	32.9	45 900
18.0	63.0	31.9	36 800
20.0	59.0	30.7	29 300
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	140 200
7.5	82.7	38.6	135 700
8.0	81.9	38.5	124 400
8.5	81.1	38.4	114 600
9.0	80.3	38.3	106 000
10.0	78.7	38.1	91 500
11.0	77.1	37.9	79 900
12.0	75.5	37.6	70 400
13.0	73.9	37.3	62 400
14.0	72.2	37.0	55 600
15.0	70.5	36.6	49 800
16.0	68.9	36.2	44 700
18.0	65.4	35.3	36 400
20.0	61.9	34.3	29 300
22.0	58.2	33.1	23 400
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	121 700
8.0	82.6	41.6	120 200
8.5	81.8	41.5	110 900
9.0	81.1	41.4	102 700
10.0	79.6	41.3	89 000
11.0	78.1	41.0	77 900
12.0	76.6	40.8	68 700
13.0	75.1	40.5	61 000
14.0	73.6	40.2	54 400
15.0	72.1	39.9	48 700
16.0	70.6	39.5	43 800
18.0	67.4	38.7	35 700
20.0	64.2	37.7	29 200
22.0	60.9	36.6	23 500
24.0	57.5	35.4	18 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	111 800
8.5	82.4	44.6	107 200
9.0	81.7	44.5	99 400
10.0	80.4	44.4	86 200
11.0	79.0	44.2	75 500
12.0	77.6	43.9	66 700
13.0	76.2	43.7	59 200
14.0	74.8	43.4	52 800
15.0	73.4	43.1	47 300
16.0	72.0	42.8	42 500
18.0	69.1	42.0	34 600
20.0	66.2	41.1	28 300
22.0	63.2	40.1	23 100
24.0	60.1	39.0	18 600
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	103 400
9.0	82.3	47.6	96 500
10.0	81.0	47.5	83 900
11.0	79.7	47.3	73 600
12.0	78.5	47.1	65 100
13.0	77.2	46.8	57 800
14.0	75.9	46.6	51 700
15.0	74.6	46.3	46 300
16.0	73.3	46.0	41 700
18.0	70.6	45.3	33 900
20.0	67.9	44.5	27 700
22.0	65.2	43.6	22 600
24.0	62.3	42.5	18 400
26.0	59.4	41.4	14 800
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	95 600
9.0	82.8	50.7	93 400
10.0	81.6	50.6	81 300
11.0	80.4	50.4	71 400
12.0	79.2	50.2	63 200
13.0	78.0	50.0	56 200
14.0	76.8	49.7	50 200
15.0	75.6	49.4	45 000
16.0	74.3	49.2	40 400
18.0	71.9	48.5	32 800
20.0	69.4	47.8	26 700
22.0	66.8	46.9	21 700
24.0	64.2	46.0	17 600
26.0	61.5	44.9	14 100
28.0	58.8	43.7	11 100



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76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

21.3m (70 Ft.) Luffing Jib, Attached at 145 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	88 700
10.0	82.1	53.6	78 900
11.0	81.0	53.5	69 500
12.0	79.8	53.3	61 500
13.0	78.7	53.1	54 700
14.0	77.6	52.9	48 900
15.0	76.4	52.6	43 800
16.0	75.3	52.3	39 400
18.0	73.0	51.7	31 900
20.0	70.6	51.0	26 000
22.0	68.3	50.2	21 100
24.0	65.8	49.4	17 100
26.0	63.4	48.4	13 600
28.0	60.8	47.3	10 700
30.0	58.3	46.0	8 100
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	79 200
10.0	82.5	56.7	76 800
11.0	81.5	56.6	67 500
12.0	80.4	56.4	59 800
13.0	79.3	56.2	53 300
14.0	78.3	56.0	47 600
15.0	77.2	55.7	42 700
16.0	76.1	55.5	38 300
18.0	74.0	54.9	31 100
20.0	71.8	54.3	25 300
22.0	69.5	53.5	20 400
24.0	67.3	52.7	16 400
26.0	65.0	51.8	13 100
28.0	62.6	50.7	10 100
30.0	60.2	49.6	7 600
32.0	57.8	48.4	5 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	71 200
11.0	81.9	59.7	65 700
12.0	80.9	59.5	58 300
13.0	79.9	59.3	51 900
14.0	78.9	59.1	46 400
15.0	77.9	58.9	41 600
16.0	76.9	58.6	37 400
18.0	74.8	58.1	30 300
20.0	72.8	57.5	24 600
22.0	70.7	56.8	19 800
24.0	68.5	56.0	15 900
26.0	66.4	55.1	12 600
28.0	64.2	54.2	9 700
30.0	61.9	53.1	7 200
32.0	59.7	52.0	5 000
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	69 200
11.0	82.3	62.7	64 000
12.0	81.4	62.6	56 800
13.0	80.4	62.4	50 600
14.0	79.5	62.2	45 200
15.0	78.5	62.0	40 600
16.0	77.5	61.8	36 400
18.0	75.6	61.3	29 500
20.0	73.6	60.7	23 900
22.0	71.7	60.0	19 200
24.0	69.7	59.3	15 300
26.0	67.6	58.5	12 100
28.0	65.6	57.6	9 200
30.0	63.5	56.6	6 700
32.0	61.3	55.5	4 500



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76 750 kg Counterweight
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Maximum Operating
Wind Speed
10 m/s

24.4m (80 Ft.) Luffing Jib, Attached at 150 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	213 800
6.5	81.4	26.4	193 800
7.0	80.2	26.3	173 300
7.5	79.0	26.2	156 200
8.0	77.8	26.1	141 800
8.5	76.6	26.0	129 400
9.0	75.4	25.8	118 700
10.0	72.9	25.5	101 200
11.0	70.4	25.1	87 400
12.0	67.8	24.7	76 300
13.0	65.2	24.2	66 900
14.0	62.6	23.7	57 900
15.0	59.8	23.1	50 600
16.0	57.0	22.4	44 400
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	189 300
6.5	82.4	29.5	185 200
7.0	81.3	29.4	166 000
7.5	80.3	29.3	150 100
8.0	79.2	29.2	136 600
8.5	78.1	29.1	125 000
9.0	77.0	29.0	114 900
10.0	74.9	28.7	98 300
11.0	72.7	28.4	85 100
12.0	70.4	28.0	74 400
13.0	68.2	27.6	65 500
14.0	65.9	27.1	58 100
15.0	63.5	26.6	50 900
16.0	61.1	26.0	44 700
18.0	56.1	24.7	34 900
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	169 200
7.0	82.2	32.5	159 200
7.5	81.2	32.4	144 400
8.0	80.3	32.3	131 700
8.5	79.3	32.2	120 800
9.0	78.4	32.1	111 200
10.0	76.4	31.9	95 300
11.0	74.5	31.6	82 700
12.0	72.5	31.2	72 400
13.0	70.5	30.9	63 900
14.0	68.5	30.5	56 700
15.0	66.4	30.0	50 500
16.0	64.3	29.5	44 900
18.0	60.0	28.4	35 100
20.0	55.4	27.0	27 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	151 900 *
7.5	82.0	35.5	139 400
8.0	81.2	35.4	127 400
8.5	80.3	35.3	117 000
9.0	79.4	35.2	108 000
10.0	77.7	35.0	92 800
11.0	75.9	34.7	80 800
12.0	74.1	34.4	70 900
13.0	72.3	34.1	62 600
14.0	70.5	33.8	55 600
15.0	68.7	33.3	49 600
16.0	66.8	32.9	44 500
18.0	63.0	31.9	35 500
20.0	59.0	30.7	28 100
22.0	54.9	29.3	22 200
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	138 700
7.5	82.7	38.6	134 200
8.0	81.9	38.5	122 900
8.5	81.1	38.4	113 100
9.0	80.3	38.3	104 500
10.0	78.7	38.1	90 100
11.0	77.1	37.9	78 500
12.0	75.5	37.6	69 000
13.0	73.9	37.3	61 000
14.0	72.2	37.0	54 200
15.0	70.5	36.6	48 400
16.0	68.9	36.2	43 400
18.0	65.4	35.3	35 000
20.0	61.9	34.3	28 100
22.0	58.2	33.1	22 200
24.0	54.4	31.7	17 500
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	120 200
8.0	82.6	41.6	118 800
8.5	81.8	41.5	109 500
9.0	81.1	41.4	101 300
10.0	79.6	41.3	87 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39.6m (130 Ft.) BOOM			
11.0	78.1	41.0	76 500
12.0	76.6	40.8	67 300
13.0	75.1	40.5	59 600
14.0	73.6	40.2	53 100
15.0	72.1	39.9	47 400
16.0	70.6	39.5	42 500
18.0	67.4	38.7	34 300
20.0	64.2	37.7	27 900
22.0	60.9	36.6	22 400
24.0	57.5	35.4	17 700
26.0	54.0	34.0	13 800
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	110 400
8.5	82.4	44.6	105 800
9.0	81.7	44.5	98 000
10.0	80.4	44.4	84 900
11.0	79.0	44.2	74 200
12.0	77.6	43.9	65 300
13.0	76.2	43.7	57 900
14.0	74.8	43.4	51 600
15.0	73.4	43.1	46 000
16.0	72.0	42.8	41 300
18.0	69.1	42.0	33 300
20.0	66.2	41.1	27 000
22.0	63.2	40.1	21 800
24.0	60.1	39.0	17 400
26.0	56.9	37.7	13 500
28.0	53.6	36.3	10 300



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Maximum Operating
Wind Speed
10 m/s

24.4m (80 Ft.) Luffing Jib, Attached at 150 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	102 100
9.0	82.3	47.6	95 200
10.0	81.0	47.5	82 600
11.0	79.7	47.3	72 400
12.0	78.5	47.1	63 800
13.0	77.2	46.8	56 600
14.0	75.9	46.6	50 500
15.0	74.6	46.3	45 100
16.0	73.3	46.0	40 400
18.0	70.6	45.3	32 700
20.0	67.9	44.5	26 500
22.0	65.2	43.6	21 400
24.0	62.3	42.5	17 200
26.0	59.4	41.4	13 700
28.0	56.4	40.0	10 400
30.0	53.3	38.6	7 700
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	94 300
9.0	82.8	50.7	92 100
10.0	81.6	50.6	80 000
11.0	80.4	50.4	70 200
12.0	79.2	50.2	61 900
13.0	78.0	50.0	54 900
14.0	76.8	49.7	49 000
15.0	75.6	49.4	43 800
16.0	74.3	49.2	39 200
18.0	71.9	48.5	31 600
20.0	69.4	47.8	25 600
22.0	66.8	46.9	20 600
24.0	64.2	46.0	16 500
26.0	61.5	44.9	13 000
28.0	58.8	43.7	10 000
30.0	56.0	42.4	7 400
32.0	53.1	40.9	5 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	87 500
10.0	82.1	53.6	77 700
11.0	81.0	53.5	68 300
12.0	79.8	53.3	60 300
13.0	78.7	53.1	53 500
14.0	77.6	52.9	47 700
15.0	76.4	52.6	42 700
16.0	75.3	52.3	38 200
18.0	73.0	51.7	30 800
20.0	70.6	51.0	24 800
22.0	68.3	50.2	20 000
24.0	65.8	49.4	15 900
26.0	63.4	48.4	12 500
28.0	60.8	47.3	9 500
30.0	58.3	46.0	7 000
32.0	55.6	44.7	4 800
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	78 100
10.0	82.5	56.7	75 600
11.0	81.5	56.6	66 400
12.0	80.4	56.4	58 700
13.0	79.3	56.2	52 200
14.0	78.3	56.0	46 500
15.0	77.2	55.7	41 600
16.0	76.1	55.5	37 200
18.0	74.0	54.9	30 000
20.0	71.8	54.3	24 100
22.0	69.5	53.5	19 400
24.0	67.3	52.7	15 300
26.0	65.0	51.8	12 000
28.0	62.6	50.7	9 100
30.0	60.2	49.6	6 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	70 000
11.0	81.9	59.7	64 600
12.0	80.9	59.5	57 200
13.0	79.9	59.3	50 800
14.0	78.9	59.1	45 300
15.0	77.9	58.9	40 500
16.0	76.9	58.6	36 300
18.0	74.8	58.1	29 200
20.0	72.8	57.5	23 500
22.0	70.7	56.8	18 800
24.0	68.5	56.0	14 800
26.0	66.4	55.1	11 500
28.0	64.2	54.2	8 600
30.0	61.9	53.1	6 100
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	68 100
11.0	82.3	62.7	62 900
12.0	81.4	62.6	55 600
13.0	80.4	62.4	49 500
14.0	79.5	62.2	44 100
15.0	78.5	62.0	39 500
16.0	77.5	61.8	35 300
18.0	75.6	61.3	28 400
20.0	73.6	60.7	22 800
22.0	71.7	60.0	18 100
24.0	69.7	59.3	14 300
26.0	67.6	58.5	11 000
28.0	65.6	57.6	8 100
30.0	63.5	56.6	5 700



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

27.4m (90 Ft.) Luffing Jib, Attached at 150 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	209 700
6.5	81.4	26.4	190 000
7.0	80.2	26.3	169 700
7.5	79.0	26.2	152 800
8.0	77.8	26.1	138 500
8.5	76.6	26.0	126 300
9.0	75.4	25.8	115 800
10.0	72.9	25.5	98 400
11.0	70.4	25.1	84 800
12.0	67.8	24.7	73 800
13.0	65.2	24.2	64 600
14.0	62.6	23.7	55 800
15.0	59.8	23.1	48 600
16.0	57.0	22.4	42 500
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	185 600
6.5	82.4	29.5	181 600
7.0	81.3	29.4	162 600
7.5	80.3	29.3	146 900
8.0	79.2	29.2	133 600
8.5	78.1	29.1	122 100
9.0	77.0	29.0	112 100
10.0	74.9	28.7	95 600
11.0	72.7	28.4	82 600
12.0	70.4	28.0	72 000
13.0	68.2	27.6	63 300
14.0	65.9	27.1	56 000
15.0	63.5	26.6	49 000
16.0	61.1	26.0	42 800
18.0	56.1	24.7	33 200
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	165 800
7.0	82.2	32.5	156 000
7.5	81.2	32.4	141 300
8.0	80.3	32.3	128 800
8.5	79.3	32.2	117 900
9.0	78.4	32.1	108 500
10.0	76.4	31.9	92 800
11.0	74.5	31.6	80 300
12.0	72.5	31.2	70 200
13.0	70.5	30.9	61 800
14.0	68.5	30.5	54 600
15.0	66.4	30.0	48 600
16.0	64.3	29.5	43 000
18.0	60.0	28.4	33 400
20.0	55.4	27.0	26 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	149 700
7.5	82.0	35.5	136 300
8.0	81.2	35.4	124 500
8.5	80.3	35.3	114 300
9.0	79.4	35.2	105 400
10.0	77.7	35.0	90 400
11.0	75.9	34.7	78 500
12.0	74.1	34.4	68 700
13.0	72.3	34.1	60 500
14.0	70.5	33.8	53 700
15.0	68.7	33.3	47 800
16.0	66.8	32.9	42 600
18.0	63.0	31.9	33 900
20.0	59.0	30.7	26 500
22.0	54.9	29.3	20 800
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	135 800
7.5	82.7	38.6	131 300
8.0	81.9	38.5	120 200
8.5	81.1	38.4	110 500
9.0	80.3	38.3	102 000
10.0	78.7	38.1	87 800
11.0	77.1	37.9	76 300
12.0	75.5	37.6	66 900
13.0	73.9	37.3	59 000
14.0	72.2	37.0	52 300
15.0	70.5	36.6	46 600
16.0	68.9	36.2	41 600
18.0	65.4	35.3	33 300
20.0	61.9	34.3	26 600
22.0	58.2	33.1	20 800
24.0	54.4	31.7	16 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	117 600
8.0	82.6	41.6	116 200
8.5	81.8	41.5	107 000
9.0	81.1	41.4	98 900
10.0	79.6	41.3	85 300
11.0	78.1	41.0	74 300
12.0	76.6	40.8	65 300
13.0	75.1	40.5	57 700
14.0	73.6	40.2	51 200
15.0	72.1	39.9	45 600
16.0	70.6	39.5	40 700
18.0	67.4	38.7	32 700
20.0	64.2	37.7	26 300
22.0	60.9	36.6	21 000
24.0	57.5	35.4	16 300
26.0	54.0	34.0	12 500
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	107 900
8.5	82.4	44.6	103 400
9.0	81.7	44.5	95 700
10.0	80.4	44.4	82 700
11.0	79.0	44.2	72 100
12.0	77.6	43.9	63 400
13.0	76.2	43.7	56 000
14.0	74.8	43.4	49 700
15.0	73.4	43.1	44 300
16.0	72.0	42.8	39 500
18.0	69.1	42.0	31 700
20.0	66.2	41.1	25 500
22.0	63.2	40.1	20 400
24.0	60.1	39.0	16 100
26.0	56.9	37.7	12 300
28.0	53.6	36.3	9 100



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

27.4m (90 Ft.) Luffing Jib, Attached at 150 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	99 700
9.0	82.3	47.6	92 900
10.0	81.0	47.5	80 500
11.0	79.7	47.3	70 300
12.0	78.5	47.1	61 900
13.0	77.2	46.8	54 800
14.0	75.9	46.6	48 600
15.0	74.6	46.3	43 400
16.0	73.3	46.0	38 700
18.0	70.6	45.3	31 100
20.0	67.9	44.5	25 000
22.0	65.2	43.6	20 000
24.0	62.3	42.5	15 900
26.0	59.4	41.4	12 400
28.0	56.4	40.0	9 300
30.0	53.3	38.6	6 500
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	92 000
9.0	82.8	50.7	89 900
10.0	81.6	50.6	78 000
11.0	80.4	50.4	68 200
12.0	79.2	50.2	60 000
13.0	78.0	50.0	53 100
14.0	76.8	49.7	47 200
15.0	75.6	49.4	42 100
16.0	74.3	49.2	37 600
18.0	71.9	48.5	30 100
20.0	69.4	47.8	24 100
22.0	66.8	46.9	19 100
24.0	64.2	46.0	15 100
26.0	61.5	44.9	11 600
28.0	58.8	43.7	8 700
30.0	56.0	42.4	6 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	85 400
10.0	82.1	53.6	75 700
11.0	81.0	53.5	66 300
12.0	79.8	53.3	58 500
13.0	78.7	53.1	51 800
14.0	77.6	52.9	46 000
15.0	76.4	52.6	41 000
16.0	75.3	52.3	36 600
18.0	73.0	51.7	29 300
20.0	70.6	51.0	23 400
22.0	68.3	50.2	18 600
24.0	65.8	49.4	14 600
26.0	63.4	48.4	11 200
28.0	60.8	47.3	8 300
30.0	58.3	46.0	5 800
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	76 100
10.0	82.5	56.7	73 600
11.0	81.5	56.6	64 500
12.0	80.4	56.4	56 900
13.0	79.3	56.2	50 400
14.0	78.3	56.0	44 800
15.0	77.2	55.7	39 900
16.0	76.1	55.5	35 700
18.0	74.0	54.9	28 500
20.0	71.8	54.3	22 700
22.0	69.5	53.5	18 000
24.0	67.3	52.7	14 100
26.0	65.0	51.8	10 700
28.0	62.6	50.7	7 800
30.0	60.2	49.6	5 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	68 100
11.0	81.9	59.7	62 700
12.0	80.9	59.5	55 400
13.0	79.9	59.3	49 100
14.0	78.9	59.1	43 700
15.0	77.9	58.9	38 900
16.0	76.9	58.6	34 700
18.0	74.8	58.1	27 700
20.0	72.8	57.5	22 100
22.0	70.7	56.8	17 500
24.0	68.5	56.0	13 500
26.0	66.4	55.1	10 200
28.0	64.2	54.2	7 400
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	66 200
11.0	82.3	62.7	61 100
12.0	81.4	62.6	53 900
13.0	80.4	62.4	47 800
14.0	79.5	62.2	42 600
15.0	78.5	62.0	37 900
16.0	77.5	61.8	33 800
18.0	75.6	61.3	27 000
20.0	73.6	60.7	21 400
22.0	71.7	60.0	16 900
24.0	69.7	59.3	13 000
26.0	67.6	58.5	9 700
28.0	65.6	57.6	7 000



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

30.5m (100 Ft.) Luffing Jib, Attached at 160 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	212 000
6.5	81.4	26.4	191 900
7.0	80.2	26.3	171 200
7.5	79.0	26.2	154 000
8.0	77.8	26.1	139 400
8.5	76.6	26.0	127 000
9.0	75.4	25.8	116 300
10.0	72.9	25.5	98 600
11.0	70.4	25.1	84 700
12.0	67.8	24.7	73 500
13.0	65.2	24.2	64 100
14.0	62.6	23.7	55 400
15.0	59.8	23.1	48 000
16.0	57.0	22.4	41 800
18.0	51.1	20.8	32 000
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	187 600
6.5	82.4	29.5	183 500
7.0	81.3	29.4	164 200
7.5	80.3	29.3	148 100
8.0	79.2	29.2	134 600
8.5	78.1	29.1	122 900
9.0	77.0	29.0	112 700
10.0	74.9	28.7	95 900
11.0	72.7	28.4	82 600
12.0	70.4	28.0	71 900
13.0	68.2	27.6	62 900
14.0	65.9	27.1	55 500
15.0	63.5	26.6	48 700
16.0	61.1	26.0	42 400
18.0	56.1	24.7	32 500
20.0	50.8	23.1	25 100
22.0	45.0	21.2	19 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	167 600
7.0	82.2	32.5	157 600
7.5	81.2	32.4	142 600
8.0	80.3	32.3	129 800
8.5	79.3	32.2	118 800
9.0	78.4	32.1	109 200
10.0	76.4	31.9	93 200
11.0	74.5	31.6	80 500
12.0	72.5	31.2	70 100
13.0	70.5	30.9	61 500
14.0	68.5	30.5	54 300
15.0	66.4	30.0	48 100
16.0	64.3	29.5	42 600
18.0	60.0	28.4	32 900
20.0	55.4	27.0	25 400
22.0	50.6	25.4	19 600
24.0	45.4	23.5	14 900
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	151 300
7.5	82.0	35.5	137 600
8.0	81.2	35.4	125 600
8.5	80.3	35.3	115 200
9.0	79.4	35.2	106 100
10.0	77.7	35.0	90 900
11.0	75.9	34.7	78 800
12.0	74.1	34.4	68 700
13.0	72.3	34.1	60 500
14.0	70.5	33.8	53 400
15.0	68.7	33.3	47 400
16.0	66.8	32.9	42 200
18.0	63.0	31.9	33 400
20.0	59.0	30.7	25 900
22.0	54.9	29.3	20 100
24.0	50.5	27.7	15 400
26.0	45.8	25.8	11 500
28.0	40.6	23.6	8 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	137 200
7.5	82.7	38.6	132 700
8.0	81.9	38.5	121 300
8.5	81.1	38.4	111 400
9.0	80.3	38.3	102 800
10.0	78.7	38.1	88 300
11.0	77.1	37.9	76 600
12.0	75.5	37.6	67 000
13.0	73.9	37.3	59 000
14.0	72.2	37.0	52 200
15.0	70.5	36.6	46 300
16.0	68.9	36.2	41 200
18.0	65.4	35.3	32 800
20.0	61.9	34.3	26 200
22.0	58.2	33.1	20 200
24.0	54.4	31.7	15 500
26.0	50.4	30.0	11 600
28.0	46.1	28.2	8 400
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	118 800
8.0	82.6	41.6	117 300
8.5	81.8	41.5	108 000
9.0	81.1	41.4	99 700
10.0	79.6	41.3	85 900
11.0	78.1	41.0	74 700
12.0	76.6	40.8	65 500
13.0	75.1	40.5	57 700
14.0	73.6	40.2	51 100
15.0	72.1	39.9	45 400
16.0	70.6	39.5	40 500
18.0	67.4	38.7	32 300
20.0	64.2	37.7	25 700
22.0	60.9	36.6	20 400
24.0	57.5	35.4	15 700
26.0	54.0	34.0	11 900
28.0	50.3	32.3	8 600
30.0	46.3	30.5	5 900



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

**Maximum Operating
Wind Speed
10 m/s**

30.5m (100 Ft.) Luffing Jib, Attached at 160 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	109 000
8.5	82.4	44.6	104 400
9.0	81.7	44.5	96 500
10.0	80.4	44.4	83 300
11.0	79.0	44.2	72 500
12.0	77.6	43.9	63 600
13.0	76.2	43.7	56 100
14.0	74.8	43.4	49 700
15.0	73.4	43.1	44 200
16.0	72.0	42.8	39 300
18.0	69.1	42.0	31 300
20.0	66.2	41.1	24 900
22.0	63.2	40.1	19 700
24.0	60.1	39.0	15 500
26.0	56.9	37.7	11 700
28.0	53.6	36.3	8 400
30.0	50.2	34.6	5 700
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	100 700
9.0	82.3	47.6	93 800
10.0	81.0	47.5	81 100
11.0	79.7	47.3	70 800
12.0	78.5	47.1	62 200
13.0	77.2	46.8	54 900
14.0	75.9	46.6	48 700
15.0	74.6	46.3	43 300
16.0	73.3	46.0	38 600
18.0	70.6	45.3	30 800
20.0	67.9	44.5	24 500
22.0	65.2	43.6	19 400
24.0	62.3	42.5	15 200
26.0	59.4	41.4	11 600
28.0	56.4	40.0	8 600
30.0	53.3	38.6	5 900
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	92 900
9.0	82.8	50.7	90 800
10.0	81.6	50.6	78 600
11.0	80.4	50.4	68 600
12.0	79.2	50.2	60 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
13.0	78.0	50.0	53 300
14.0	76.8	49.7	47 300
15.0	75.6	49.4	42 000
16.0	74.3	49.2	37 400
18.0	71.9	48.5	29 800
20.0	69.4	47.8	23 700
22.0	66.8	46.9	18 700
24.0	64.2	46.0	14 500
26.0	61.5	44.9	11 000
28.0	58.8	43.7	8 000
30.0	56.0	42.4	5 400
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	86 200
10.0	82.1	53.6	76 300
11.0	81.0	53.5	66 800
12.0	79.8	53.3	58 800
13.0	78.7	53.1	52 000
14.0	77.6	52.9	46 100
15.0	76.4	52.6	41 000
16.0	75.3	52.3	36 500
18.0	73.0	51.7	29 000
20.0	70.6	51.0	23 100
22.0	68.3	50.2	18 200
24.0	65.8	49.4	14 100
26.0	63.4	48.4	10 600
28.0	60.8	47.3	7 600
30.0	58.3	46.0	5 000
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	76 700
10.0	82.5	56.7	74 300
11.0	81.5	56.6	65 000
12.0	80.4	56.4	57 200
13.0	79.3	56.2	50 600
14.0	78.3	56.0	44 900
15.0	77.2	55.7	40 000
16.0	76.1	55.5	35 600
18.0	74.0	54.9	28 300
20.0	71.8	54.3	22 400
22.0	69.5	53.5	17 600
24.0	67.3	52.7	13 500
26.0	65.0	51.8	10 100
28.0	62.6	50.7	7 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	68 700
11.0	81.9	59.7	63 200
12.0	80.9	59.5	55 700
13.0	79.9	59.3	49 300
14.0	78.9	59.1	43 800
15.0	77.9	58.9	39 000
16.0	76.9	58.6	34 700
18.0	74.8	58.1	27 600
20.0	72.8	57.5	21 800
22.0	70.7	56.8	17 100
24.0	68.5	56.0	13 100
26.0	66.4	55.1	9 700
28.0	64.2	54.2	6 800
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	66 800
11.0	82.3	62.7	61 500
12.0	81.4	62.6	54 300
13.0	80.4	62.4	48 000
14.0	79.5	62.2	42 700
15.0	78.5	62.0	38 000
16.0	77.5	61.8	33 800
18.0	75.6	61.3	26 800
20.0	73.6	60.7	21 200
22.0	71.7	60.0	16 500
24.0	69.7	59.3	12 600
26.0	67.6	58.5	9 300
28.0	65.6	57.6	6 400



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

33.5m (110 Ft.) Luffing Jib, Attached at 160 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	208 100
6.5	81.4	26.4	188 200
7.0	80.2	26.3	167 700
7.5	79.0	26.2	150 700
8.0	77.8	26.1	136 300
8.5	76.6	26.0	124 000
9.0	75.4	25.8	113 300
10.0	72.9	25.5	95 800
11.0	70.4	25.1	82 100
12.0	67.8	24.7	71 000
13.0	65.2	24.2	61 800
14.0	62.6	23.7	53 200
15.0	59.8	23.1	45 900
16.0	57.0	22.4	39 800
18.0	51.1	20.8	30 100
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	184 100
6.5	82.4	29.5	180 100
7.0	81.3	29.4	160 900
7.5	80.3	29.3	145 100
8.0	79.2	29.2	131 600
8.5	78.1	29.1	120 000
9.0	77.0	29.0	109 900
10.0	74.9	28.7	93 300
11.0	72.7	28.4	80 200
12.0	70.4	28.0	69 500
13.0	68.2	27.6	60 600
14.0	65.9	27.1	53 300
15.0	63.5	26.6	46 700
16.0	61.1	26.0	40 400
18.0	56.1	24.7	30 700
20.0	50.8	23.1	23 400
22.0	45.0	21.2	17 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	164 500
7.0	82.2	32.5	154 500
7.5	81.2	32.4	139 700
8.0	80.3	32.3	127 000
8.5	79.3	32.2	116 100
9.0	78.4	32.1	106 600
10.0	76.4	31.9	90 700
11.0	74.5	31.6	78 200
12.0	72.5	31.2	67 900
13.0	70.5	30.9	59 300
14.0	68.5	30.5	52 200
15.0	66.4	30.0	46 000
16.0	64.3	29.5	40 600
18.0	60.0	28.4	31 200
20.0	55.4	27.0	23 700
22.0	50.6	25.4	18 000
24.0	45.4	23.5	13 400
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	148 400
7.5	82.0	35.5	134 800
8.0	81.2	35.4	123 000
8.5	80.3	35.3	112 600
9.0	79.4	35.2	103 600
10.0	77.7	35.0	88 500
11.0	75.9	34.7	76 500
12.0	74.1	34.4	66 600
13.0	72.3	34.1	58 300
14.0	70.5	33.8	51 400
15.0	68.7	33.3	45 400
16.0	66.8	32.9	40 200
18.0	63.0	31.9	31 700
20.0	59.0	30.7	24 400
22.0	54.9	29.3	18 500
24.0	50.5	27.7	13 900
26.0	45.8	25.8	10 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	134 500
7.5	82.7	38.6	130 000
8.0	81.9	38.5	118 700
8.5	81.1	38.4	109 000
9.0	80.3	38.3	100 400
10.0	78.7	38.1	86 000
11.0	77.1	37.9	74 500
12.0	75.5	37.6	64 900
13.0	73.9	37.3	57 000
14.0	72.2	37.0	50 200
15.0	70.5	36.6	44 400
16.0	68.9	36.2	39 300
18.0	65.4	35.3	31 100
20.0	61.9	34.3	24 500
22.0	58.2	33.1	18 800
24.0	54.4	31.7	14 000
26.0	50.4	30.0	10 200
28.0	46.1	28.2	7 000
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	116 300
8.0	82.6	41.6	114 800
8.5	81.8	41.5	105 500
9.0	81.1	41.4	97 400
10.0	79.6	41.3	83 700
11.0	78.1	41.0	72 600
12.0	76.6	40.8	63 400
13.0	75.1	40.5	55 800
14.0	73.6	40.2	49 200
15.0	72.1	39.9	43 600
16.0	70.6	39.5	38 700
18.0	67.4	38.7	30 600
20.0	64.2	37.7	24 100
22.0	60.9	36.6	18 900
24.0	57.5	35.4	14 300
26.0	54.0	34.0	10 500
28.0	50.3	32.3	7 300



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

33.5m (110 Ft.) Luffing Jib, Attached at 160 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	106 600
8.5	82.4	44.6	102 000
9.0	81.7	44.5	94 300
10.0	80.4	44.4	81 200
11.0	79.0	44.2	70 500
12.0	77.6	43.9	61 700
13.0	76.2	43.7	54 200
14.0	74.8	43.4	47 900
15.0	73.4	43.1	42 400
16.0	72.0	42.8	37 600
18.0	69.1	42.0	29 600
20.0	66.2	41.1	23 400
22.0	63.2	40.1	18 200
24.0	60.1	39.0	14 000
26.0	56.9	37.7	10 400
28.0	53.6	36.3	7 200
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	98 400
9.0	82.3	47.6	91 600
10.0	81.0	47.5	79 100
11.0	79.7	47.3	68 800
12.0	78.5	47.1	60 300
13.0	77.2	46.8	53 100
14.0	75.9	46.6	46 900
15.0	74.6	46.3	41 600
16.0	73.3	46.0	36 900
18.0	70.6	45.3	29 200
20.0	67.9	44.5	23 000
22.0	65.2	43.6	17 900
24.0	62.3	42.5	13 800
26.0	59.4	41.4	10 200
28.0	56.4	40.0	7 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	90 800
9.0	82.8	50.7	88 700
10.0	81.6	50.6	76 600
11.0	80.4	50.4	66 700
12.0	79.2	50.2	58 500
13.0	78.0	50.0	51 500
14.0	76.8	49.7	45 600
15.0	75.6	49.4	40 400
16.0	74.3	49.2	35 800
18.0	71.9	48.5	28 200
20.0	69.4	47.8	22 200
22.0	66.8	46.9	17 200
24.0	64.2	46.0	13 100
26.0	61.5	44.9	9 600
28.0	58.8	43.7	6 600
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	84 100
10.0	82.1	53.6	74 400
11.0	81.0	53.5	64 900
12.0	79.8	53.3	57 000
13.0	78.7	53.1	50 200
14.0	77.6	52.9	44 400
15.0	76.4	52.6	39 400
16.0	75.3	52.3	34 900
18.0	73.0	51.7	27 500
20.0	70.6	51.0	21 600
22.0	68.3	50.2	16 800
24.0	65.8	49.4	12 700
26.0	63.4	48.4	9 200
28.0	60.8	47.3	6 300
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	74 800
10.0	82.5	56.7	72 400
11.0	81.5	56.6	63 200
12.0	80.4	56.4	55 500
13.0	79.3	56.2	48 900
14.0	78.3	56.0	43 300
15.0	77.2	55.7	38 400
16.0	76.1	55.5	34 000
18.0	74.0	54.9	26 800
20.0	71.8	54.3	21 000
22.0	69.5	53.5	16 200
24.0	67.3	52.7	12 200
26.0	65.0	51.8	8 800
28.0	62.6	50.7	5 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	66 900
11.0	81.9	59.7	61 500
12.0	80.9	59.5	54 000
13.0	79.9	59.3	47 700
14.0	78.9	59.1	42 200
15.0	77.9	58.9	37 400
16.0	76.9	58.6	33 200
18.0	74.8	58.1	26 100
20.0	72.8	57.5	20 400
22.0	70.7	56.8	15 700
24.0	68.5	56.0	11 800
26.0	66.4	55.1	8 400
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	65 000
11.0	82.3	62.7	59 800
12.0	81.4	62.6	52 600
13.0	80.4	62.4	46 500
14.0	79.5	62.2	41 100
15.0	78.5	62.0	36 400
16.0	77.5	61.8	32 300
18.0	75.6	61.3	25 400
20.0	73.6	60.7	19 800
22.0	71.7	60.0	15 200
24.0	69.7	59.3	11 300
26.0	67.6	58.5	8 000



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

36.6m (120 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	211 600
6.5	81.4	26.4	191 300
7.0	80.2	26.3	170 300
7.5	79.0	26.2	152 800
8.0	77.8	26.1	138 000
8.5	76.6	26.0	125 400
9.0	75.4	25.8	114 500
10.0	72.9	25.5	96 600
11.0	70.4	25.1	82 500
12.0	67.8	24.7	71 100
13.0	65.2	24.2	61 700
14.0	62.6	23.7	53 300
15.0	59.8	23.1	45 700
16.0	57.0	22.4	39 400
18.0	51.1	20.8	29 400
20.0	44.5	18.9	21 900
22.0	37.0	16.4	16 000
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	187 200
6.5	82.4	29.5	183 100
7.0	81.3	29.4	163 500
7.5	80.3	29.3	147 300
8.0	79.2	29.2	133 400
8.5	78.1	29.1	121 600
9.0	77.0	29.0	111 300
10.0	74.9	28.7	94 200
11.0	72.7	28.4	80 800
12.0	70.4	28.0	69 800
13.0	68.2	27.6	60 700
14.0	65.9	27.1	53 100
15.0	63.5	26.6	46 600
16.0	61.1	26.0	40 400
18.0	56.1	24.7	30 300
20.0	50.8	23.1	22 700
22.0	45.0	21.2	16 800
24.0	38.5	18.8	12 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	167 200
7.0	82.2	32.5	157 000
7.5	81.2	32.4	141 900
8.0	80.3	32.3	128 900
8.5	79.3	32.2	117 700
9.0	78.4	32.1	107 900
10.0	76.4	31.9	91 700
11.0	74.5	31.6	78 800
12.0	72.5	31.2	68 300
13.0	70.5	30.9	59 600
14.0	68.5	30.5	52 200
15.0	66.4	30.0	45 900
16.0	64.3	29.5	40 400
18.0	60.0	28.4	30 900
20.0	55.4	27.0	23 300
22.0	50.6	25.4	17 300
24.0	45.4	23.5	12 500
26.0	39.7	21.2	8 700
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	150 900
7.5	82.0	35.5	137 000
8.0	81.2	35.4	124 900
8.5	80.3	35.3	114 300
9.0	79.4	35.2	105 100
10.0	77.7	35.0	89 600
11.0	75.9	34.7	77 300
12.0	74.1	34.4	67 100
13.0	72.3	34.1	58 700
14.0	70.5	33.8	51 600
15.0	68.7	33.3	45 400
16.0	66.8	32.9	40 100
18.0	63.0	31.9	31 400
20.0	59.0	30.7	24 000
22.0	54.9	29.3	18 100
24.0	50.5	27.7	13 300
26.0	45.8	25.8	9 400
28.0	40.6	23.6	6 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	136 800
7.5	82.7	38.6	132 200
8.0	81.9	38.5	120 600
8.5	81.1	38.4	110 600
9.0	80.3	38.3	101 800
10.0	78.7	38.1	87 100
11.0	77.1	37.9	75 300
12.0	75.5	37.6	65 500
13.0	73.9	37.3	57 400
14.0	72.2	37.0	50 500
15.0	70.5	36.6	44 500
16.0	68.9	36.2	39 300
18.0	65.4	35.3	30 800
20.0	61.9	34.3	24 000
22.0	58.2	33.1	18 400
24.0	54.4	31.7	13 500
26.0	50.4	30.0	9 600
28.0	46.1	28.2	6 300
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	118 200
8.0	82.6	41.6	116 800
8.5	81.8	41.5	107 200
9.0	81.1	41.4	98 900
10.0	79.6	41.3	84 800
11.0	78.1	41.0	73 500
12.0	76.6	40.8	64 100
13.0	75.1	40.5	56 200
14.0	73.6	40.2	49 500
15.0	72.1	39.9	43 800
16.0	70.6	39.5	38 700
18.0	67.4	38.7	30 400
20.0	64.2	37.7	23 800
22.0	60.9	36.6	18 400
24.0	57.5	35.4	13 900
26.0	54.0	34.0	9 900
28.0	50.3	32.3	6 600



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

36.6m (120 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	108 400
8.5	82.4	44.6	103 700
9.0	81.7	44.5	95 700
10.0	80.4	44.4	82 300
11.0	79.0	44.2	71 400
12.0	77.6	43.9	62 400
13.0	76.2	43.7	54 700
14.0	74.8	43.4	48 200
15.0	73.4	43.1	42 600
16.0	72.0	42.8	37 700
18.0	69.1	42.0	29 600
20.0	66.2	41.1	23 100
22.0	63.2	40.1	17 800
24.0	60.1	39.0	13 500
26.0	56.9	37.7	9 800
28.0	53.6	36.3	6 600
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	100 100
9.0	82.3	47.6	93 100
10.0	81.0	47.5	80 200
11.0	79.7	47.3	69 700
12.0	78.5	47.1	61 000
13.0	77.2	46.8	53 600
14.0	75.9	46.6	47 300
15.0	74.6	46.3	41 900
16.0	73.3	46.0	37 000
18.0	70.6	45.3	29 100
20.0	67.9	44.5	22 800
22.0	65.2	43.6	17 600
24.0	62.3	42.5	13 300
26.0	59.4	41.4	9 700
28.0	56.4	40.0	6 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	92 300
9.0	82.8	50.7	90 100
10.0	81.6	50.6	77 800
11.0	80.4	50.4	67 700
12.0	79.2	50.2	59 300
13.0	78.0	50.0	52 100
14.0	76.8	49.7	46 000
15.0	75.6	49.4	40 700
16.0	74.3	49.2	36 000
18.0	71.9	48.5	28 200
20.0	69.4	47.8	22 100
22.0	66.8	46.9	17 000
24.0	64.2	46.0	12 700
26.0	61.5	44.9	9 100
28.0	58.8	43.7	6 100
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	85 500
10.0	82.1	53.6	75 600
11.0	81.0	53.5	65 900
12.0	79.8	53.3	57 800
13.0	78.7	53.1	50 800
14.0	77.6	52.9	44 900
15.0	76.4	52.6	39 700
16.0	75.3	52.3	35 200
18.0	73.0	51.7	27 600
20.0	70.6	51.0	21 500
22.0	68.3	50.2	16 500
24.0	65.8	49.4	12 400
26.0	63.4	48.4	8 800
28.0	60.8	47.3	5 800
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	76 100
10.0	82.5	56.7	73 600
11.0	81.5	56.6	64 100
12.0	80.4	56.4	56 200
13.0	79.3	56.2	49 500
14.0	78.3	56.0	43 800
15.0	77.2	55.7	38 800
16.0	76.1	55.5	34 300
18.0	74.0	54.9	26 900
20.0	71.8	54.3	20 900
22.0	69.5	53.5	16 000
24.0	67.3	52.7	11 900
26.0	65.0	51.8	8 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	68 000
11.0	81.9	59.7	62 400
12.0	80.9	59.5	54 800
13.0	79.9	59.3	48 300
14.0	78.9	59.1	42 700
15.0	77.9	58.9	37 800
16.0	76.9	58.6	33 500
18.0	74.8	58.1	26 200
20.0	72.8	57.5	20 400
22.0	70.7	56.8	15 500
24.0	68.5	56.0	11 500
26.0	66.4	55.1	8 100
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	66 100
11.0	82.3	62.7	60 700
12.0	81.4	62.6	53 400
13.0	80.4	62.4	47 100
14.0	79.5	62.2	41 600
15.0	78.5	62.0	36 800
16.0	77.5	61.8	32 600
18.0	75.6	61.3	25 500
20.0	73.6	60.7	19 800
22.0	71.7	60.0	15 100
24.0	69.7	59.3	11 100
26.0	67.6	58.5	7 700



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

39.6m (130 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	208 900
6.5	81.4	26.4	188 600
7.0	80.2	26.3	167 700
7.5	79.0	26.2	150 400
8.0	77.8	26.1	135 700
8.5	76.6	26.0	123 200
9.0	75.4	25.8	112 300
10.0	72.9	25.5	94 500
11.0	70.4	25.1	80 500
12.0	67.8	24.7	69 200
13.0	65.2	24.2	59 900
14.0	62.6	23.7	51 600
15.0	59.8	23.1	44 100
16.0	57.0	22.4	37 900
18.0	51.1	20.8	27 900
20.0	44.5	18.9	20 500
22.0	37.0	16.4	14 700
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	184 700
6.5	82.4	29.5	180 600
7.0	81.3	29.4	161 100
7.5	80.3	29.3	145 000
8.0	79.2	29.2	131 300
8.5	78.1	29.1	119 500
9.0	77.0	29.0	109 300
10.0	74.9	28.7	92 300
11.0	72.7	28.4	78 900
12.0	70.4	28.0	68 000
13.0	68.2	27.6	59 000
14.0	65.9	27.1	51 400
15.0	63.5	26.6	44 900
16.0	61.1	26.0	39 000
18.0	56.1	24.7	28 900
20.0	50.8	23.1	21 400
22.0	45.0	21.2	15 500
24.0	38.5	18.8	10 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	165 000
7.0	82.2	32.5	154 800
7.5	81.2	32.4	139 700
8.0	80.3	32.3	126 900
8.5	79.3	32.2	115 700
9.0	78.4	32.1	106 000
10.0	76.4	31.9	89 900
11.0	74.5	31.6	77 100
12.0	72.5	31.2	66 600
13.0	70.5	30.9	57 900
14.0	68.5	30.5	50 600
15.0	66.4	30.0	44 400
16.0	64.3	29.5	38 900
18.0	60.0	28.4	29 600
20.0	55.4	27.0	22 000
22.0	50.6	25.4	16 100
24.0	45.4	23.5	11 400
26.0	39.7	21.2	7 500
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	148 800
7.5	82.0	35.5	135 000
8.0	81.2	35.4	122 900
8.5	80.3	35.3	112 400
9.0	79.4	35.2	103 200
10.0	77.7	35.0	87 900
11.0	75.9	34.7	75 600
12.0	74.1	34.4	65 500
13.0	72.3	34.1	57 100
14.0	70.5	33.8	50 100
15.0	68.7	33.3	44 000
16.0	66.8	32.9	38 700
18.0	63.0	31.9	30 000
20.0	59.0	30.7	22 900
22.0	54.9	29.3	16 900
24.0	50.5	27.7	12 100
26.0	45.8	25.8	8 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	134 800
7.5	82.7	38.6	130 300
8.0	81.9	38.5	118 800
8.5	81.1	38.4	108 900
9.0	80.3	38.3	100 100
10.0	78.7	38.1	85 500
11.0	77.1	37.9	73 700
12.0	75.5	37.6	64 000
13.0	73.9	37.3	55 900
14.0	72.2	37.0	49 100
15.0	70.5	36.6	43 100
16.0	68.9	36.2	38 000
18.0	65.4	35.3	29 500
20.0	61.9	34.3	22 800
22.0	58.2	33.1	17 300
24.0	54.4	31.7	12 500
26.0	50.4	30.0	8 500
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	116 500
8.0	82.6	41.6	115 000
8.5	81.8	41.5	105 600
9.0	81.1	41.4	97 300
10.0	79.6	41.3	83 300
11.0	78.1	41.0	72 000
12.0	76.6	40.8	62 700
13.0	75.1	40.5	54 800
14.0	73.6	40.2	48 200
15.0	72.1	39.9	42 400
16.0	70.6	39.5	37 400
18.0	67.4	38.7	29 100
20.0	64.2	37.7	22 600
22.0	60.9	36.6	17 300
24.0	57.5	35.4	12 800
26.0	54.0	34.0	8 900

Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

**Maximum Operating
Wind Speed**
10 m/s

39.6m (130 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	106 800
8.5	82.4	44.6	102 100
9.0	81.7	44.5	94 200
10.0	80.4	44.4	80 800
11.0	79.0	44.2	70 000
12.0	77.6	43.9	61 000
13.0	76.2	43.7	53 400
14.0	74.8	43.4	46 900
15.0	73.4	43.1	41 400
16.0	72.0	42.8	36 500
18.0	69.1	42.0	28 400
20.0	66.2	41.1	21 900
22.0	63.2	40.1	16 700
24.0	60.1	39.0	12 400
26.0	56.9	37.7	8 700
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	98 500
9.0	82.3	47.6	91 600
10.0	81.0	47.5	78 800
11.0	79.7	47.3	68 400
12.0	78.5	47.1	59 700
13.0	77.2	46.8	52 300
14.0	75.9	46.6	46 100
15.0	74.6	46.3	40 600
16.0	73.3	46.0	35 900
18.0	70.6	45.3	28 000
20.0	67.9	44.5	21 700
22.0	65.2	43.6	16 500
24.0	62.3	42.5	12 300
26.0	59.4	41.4	8 600
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	90 800
9.0	82.8	50.7	88 700
10.0	81.6	50.6	76 400
11.0	80.4	50.4	66 400
12.0	79.2	50.2	58 000
13.0	78.0	50.0	50 900
14.0	76.8	49.7	44 800
15.0	75.6	49.4	39 500
16.0	74.3	49.2	34 800
18.0	71.9	48.5	27 100
20.0	69.4	47.8	21 000
22.0	66.8	46.9	15 900
24.0	64.2	46.0	11 700
26.0	61.5	44.9	8 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	84 100
10.0	82.1	53.6	74 200
11.0	81.0	53.5	64 600
12.0	79.8	53.3	56 500
13.0	78.7	53.1	49 600
14.0	77.6	52.9	43 700
15.0	76.4	52.6	38 600
16.0	75.3	52.3	34 100
18.0	73.0	51.7	26 500
20.0	70.6	51.0	20 500
22.0	68.3	50.2	15 500
24.0	65.8	49.4	11 400
26.0	63.4	48.4	7 900
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	74 700
10.0	82.5	56.7	72 300
11.0	81.5	56.6	62 900
12.0	80.4	56.4	55 000
13.0	79.3	56.2	48 400
14.0	78.3	56.0	42 700
15.0	77.2	55.7	37 600
16.0	76.1	55.5	33 200
18.0	74.0	54.9	25 900
20.0	71.8	54.3	19 900
22.0	69.5	53.5	15 000
24.0	67.3	52.7	11 000
26.0	65.0	51.8	7 500
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	66 700
11.0	81.9	59.7	61 200
12.0	80.9	59.5	53 600
13.0	79.9	59.3	47 200
14.0	78.9	59.1	41 600
15.0	77.9	58.9	36 700
16.0	76.9	58.6	32 400
18.0	74.8	58.1	25 200
20.0	72.8	57.5	19 400
22.0	70.7	56.8	14 600
24.0	68.5	56.0	10 600
26.0	66.4	55.1	7 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	64 900
11.0	82.3	62.7	59 600
12.0	81.4	62.6	52 200
13.0	80.4	62.4	46 000
14.0	79.5	62.2	40 600
15.0	78.5	62.0	35 800
16.0	77.5	61.8	31 600
18.0	75.6	61.3	24 500
20.0	73.6	60.7	18 800
22.0	71.7	60.0	14 100
24.0	69.7	59.3	10 200
26.0	67.6	58.5	6 800



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

42.7m (140 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	205 500
6.5	81.4	26.4	185 400
7.0	80.2	26.3	164 600
7.5	79.0	26.2	147 400
8.0	77.8	26.1	132 800
8.5	76.6	26.0	120 400
9.0	75.4	25.8	109 500
10.0	72.9	25.5	91 900
11.0	70.4	25.1	77 900
12.0	67.8	24.7	66 700
13.0	65.2	24.2	57 400
14.0	62.6	23.7	49 400
15.0	59.8	23.1	41 900
16.0	57.0	22.4	35 700
18.0	51.1	20.8	25 900
20.0	44.5	18.9	18 500
22.0	37.0	16.4	12 700
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	181 700
6.5	82.4	29.5	177 600
7.0	81.3	29.4	158 200
7.5	80.3	29.3	142 200
8.0	79.2	29.2	128 500
8.5	78.1	29.1	116 800
9.0	77.0	29.0	106 600
10.0	74.9	28.7	89 800
11.0	72.7	28.4	76 500
12.0	70.4	28.0	65 600
13.0	68.2	27.6	56 700
14.0	65.9	27.1	49 200
15.0	63.5	26.6	42 800
16.0	61.1	26.0	36 900
18.0	56.1	24.7	26 900
20.0	50.8	23.1	19 500
22.0	45.0	21.2	13 700
24.0	38.5	18.8	9 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	162 200
7.0	82.2	32.5	152 100
7.5	81.2	32.4	137 100
8.0	80.3	32.3	124 300
8.5	79.3	32.2	113 200
9.0	78.4	32.1	103 600
10.0	76.4	31.9	87 500
11.0	74.5	31.6	74 800
12.0	72.5	31.2	64 400
13.0	70.5	30.9	55 800
14.0	68.5	30.5	48 500
15.0	66.4	30.0	42 300
16.0	64.3	29.5	36 900
18.0	60.0	28.4	27 700
20.0	55.4	27.0	20 200
22.0	50.6	25.4	14 400
24.0	45.4	23.5	9 700
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	146 200
7.5	82.0	35.5	132 500
8.0	81.2	35.4	120 500
8.5	80.3	35.3	110 000
9.0	79.4	35.2	100 900
10.0	77.7	35.0	85 600
11.0	75.9	34.7	73 400
12.0	74.1	34.4	63 400
13.0	72.3	34.1	55 100
14.0	70.5	33.8	48 000
15.0	68.7	33.3	42 000
16.0	66.8	32.9	36 700
18.0	63.0	31.9	28 100
20.0	59.0	30.7	21 200
22.0	54.9	29.3	15 200
24.0	50.5	27.7	10 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	132 400
7.5	82.7	38.6	127 900
8.0	81.9	38.5	116 500
8.5	81.1	38.4	106 600
9.0	80.3	38.3	97 900
10.0	78.7	38.1	83 300
11.0	77.1	37.9	71 600
12.0	75.5	37.6	62 000
13.0	73.9	37.3	53 900
14.0	72.2	37.0	47 100
15.0	70.5	36.6	41 200
16.0	68.9	36.2	36 100
18.0	65.4	35.3	27 700
20.0	61.9	34.3	21 000
22.0	58.2	33.1	15 600
24.0	54.4	31.7	10 900
26.0	50.4	30.0	7 000
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	114 200
8.0	82.6	41.6	112 700
8.5	81.8	41.5	103 300
9.0	81.1	41.4	95 100
10.0	79.6	41.3	81 200
11.0	78.1	41.0	70 000
12.0	76.6	40.8	60 700
13.0	75.1	40.5	52 900
14.0	73.6	40.2	46 300
15.0	72.1	39.9	40 600
16.0	70.6	39.5	35 600
18.0	67.4	38.7	27 400
20.0	64.2	37.7	20 900
22.0	60.9	36.6	15 600
24.0	57.5	35.4	11 200
26.0	54.0	34.0	7 500



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

**Maximum Operating
Wind Speed**
10 m/s

42.7m (140 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	104 600
8.5	82.4	44.6	100 000
9.0	81.7	44.5	92 100
10.0	80.4	44.4	78 800
11.0	79.0	44.2	68 000
12.0	77.6	43.9	59 100
13.0	76.2	43.7	51 600
14.0	74.8	43.4	45 100
15.0	73.4	43.1	39 600
16.0	72.0	42.8	34 700
18.0	69.1	42.0	26 700
20.0	66.2	41.1	20 300
22.0	63.2	40.1	15 100
24.0	60.1	39.0	10 800
26.0	56.9	37.7	7 100
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	96 500
9.0	82.3	47.6	89 500
10.0	81.0	47.5	76 800
11.0	79.7	47.3	66 500
12.0	78.5	47.1	57 900
13.0	77.2	46.8	50 600
14.0	75.9	46.6	44 300
15.0	74.6	46.3	38 900
16.0	73.3	46.0	34 200
18.0	70.6	45.3	26 300
20.0	67.9	44.5	20 100
22.0	65.2	43.6	15 000
24.0	62.3	42.5	10 700
26.0	59.4	41.4	7 100
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	88 900
9.0	82.8	50.7	86 700
10.0	81.6	50.6	74 500
11.0	80.4	50.4	64 500
12.0	79.2	50.2	56 200
13.0	78.0	50.0	49 200
14.0	76.8	49.7	43 100
15.0	75.6	49.4	37 800
16.0	74.3	49.2	33 200
18.0	71.9	48.5	25 500
20.0	69.4	47.8	19 400
22.0	66.8	46.9	14 400
24.0	64.2	46.0	10 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	82 300
10.0	82.1	53.6	72 400
11.0	81.0	53.5	62 800
12.0	79.8	53.3	54 800
13.0	78.7	53.1	47 900
14.0	77.6	52.9	42 100
15.0	76.4	52.6	37 000
16.0	75.3	52.3	32 500
18.0	73.0	51.7	25 000
20.0	70.6	51.0	18 900
22.0	68.3	50.2	14 000
24.0	65.8	49.4	9 900
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	73 000
10.0	82.5	56.7	70 500
11.0	81.5	56.6	61 100
12.0	80.4	56.4	53 400
13.0	79.3	56.2	46 700
14.0	78.3	56.0	41 000
15.0	77.2	55.7	36 100
16.0	76.1	55.5	31 700
18.0	74.0	54.9	24 300
20.0	71.8	54.3	18 400
22.0	69.5	53.5	13 600
24.0	67.3	52.7	9 500
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	65 000
11.0	81.9	59.7	59 600
12.0	80.9	59.5	52 000
13.0	79.9	59.3	45 600
14.0	78.9	59.1	40 000
15.0	77.9	58.9	35 200
16.0	76.9	58.6	30 900
18.0	74.8	58.1	23 700
20.0	72.8	57.5	18 000
22.0	70.7	56.8	13 200
24.0	68.5	56.0	9 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	63 200
11.0	82.3	62.7	57 900
12.0	81.4	62.6	50 700
13.0	80.4	62.4	44 400
14.0	79.5	62.2	39 000
15.0	78.5	62.0	34 300
16.0	77.5	61.8	30 100
18.0	75.6	61.3	23 100
20.0	73.6	60.7	17 400
22.0	71.7	60.0	12 700
24.0	69.7	59.3	8 800



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

45.7m (150 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	202 000
6.5	81.4	26.4	182 000
7.0	80.2	26.3	161 400
7.5	79.0	26.2	144 200
8.0	77.8	26.1	129 800
8.5	76.6	26.0	117 400
9.0	75.4	25.8	106 700
10.0	72.9	25.5	89 100
11.0	70.4	25.1	75 300
12.0	67.8	24.7	64 100
13.0	65.2	24.2	54 900
14.0	62.6	23.7	47 100
15.0	59.8	23.1	39 800
16.0	57.0	22.4	33 600
18.0	51.1	20.8	23 800
20.0	44.5	18.9	16 500
22.0	37.0	16.4	10 800
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	178 500
6.5	82.4	29.5	174 400
7.0	81.3	29.4	155 200
7.5	80.3	29.3	139 200
8.0	79.2	29.2	125 700
8.5	78.1	29.1	114 000
9.0	77.0	29.0	103 900
10.0	74.9	28.7	87 200
11.0	72.7	28.4	74 000
12.0	70.4	28.0	63 200
13.0	68.2	27.6	54 400
14.0	65.9	27.1	46 900
15.0	63.5	26.6	40 500
16.0	61.1	26.0	34 800
18.0	56.1	24.7	25 000
20.0	50.8	23.1	17 700
22.0	45.0	21.2	11 900
24.0	38.5	18.8	7 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	159 300
7.0	82.2	32.5	149 300
7.5	81.2	32.4	134 300
8.0	80.3	32.3	121 600
8.5	79.3	32.2	110 600
9.0	78.4	32.1	101 100
10.0	76.4	31.9	85 100
11.0	74.5	31.6	72 500
12.0	72.5	31.2	62 100
13.0	70.5	30.9	53 600
14.0	68.5	30.5	46 400
15.0	66.4	30.0	40 100
16.0	64.3	29.5	34 800
18.0	60.0	28.4	25 900
20.0	55.4	27.0	18 500
22.0	50.6	25.4	12 700
24.0	45.4	23.5	8 000
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	143 500
7.5	82.0	35.5	129 900
8.0	81.2	35.4	118 000
8.5	80.3	35.3	107 600
9.0	79.4	35.2	98 500
10.0	77.7	35.0	83 300
11.0	75.9	34.7	71 200
12.0	74.1	34.4	61 300
13.0	72.3	34.1	53 000
14.0	70.5	33.8	46 000
15.0	68.7	33.3	40 000
16.0	66.8	32.9	34 700
18.0	63.0	31.9	26 200
20.0	59.0	30.7	19 400
22.0	54.9	29.3	13 600
24.0	50.5	27.7	8 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	129 900
7.5	82.7	38.6	125 400
8.0	81.9	38.5	114 100
8.5	81.1	38.4	104 200
9.0	80.3	38.3	95 600
10.0	78.7	38.1	81 100
11.0	77.1	37.9	69 500
12.0	75.5	37.6	60 000
13.0	73.9	37.3	51 900
14.0	72.2	37.0	45 200
15.0	70.5	36.6	39 300
16.0	68.9	36.2	34 300
18.0	65.4	35.3	25 900
20.0	61.9	34.3	19 300
22.0	58.2	33.1	13 900
24.0	54.4	31.7	9 400
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	111 900
8.0	82.6	41.6	110 400
8.5	81.8	41.5	101 100
9.0	81.1	41.4	92 900
10.0	79.6	41.3	79 100
11.0	78.1	41.0	68 000
12.0	76.6	40.8	58 800
13.0	75.1	40.5	51 000
14.0	73.6	40.2	44 400
15.0	72.1	39.9	38 800
16.0	70.6	39.5	33 800
18.0	67.4	38.7	25 700
20.0	64.2	37.7	19 200
22.0	60.9	36.6	13 900
24.0	57.5	35.4	9 600



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

**Maximum Operating
Wind Speed
10 m/s**

45.7m (150 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	102 500
8.5	82.4	44.6	97 800
9.0	81.7	44.5	90 000
10.0	80.4	44.4	76 800
11.0	79.0	44.2	66 100
12.0	77.6	43.9	57 200
13.0	76.2	43.7	49 700
14.0	74.8	43.4	43 300
15.0	73.4	43.1	37 800
16.0	72.0	42.8	33 000
18.0	69.1	42.0	25 000
20.0	66.2	41.1	18 700
22.0	63.2	40.1	13 500
24.0	60.1	39.0	9 200
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	94 400
9.0	82.3	47.6	87 500
10.0	81.0	47.5	74 900
11.0	79.7	47.3	64 600
12.0	78.5	47.1	56 000
13.0	77.2	46.8	48 800
14.0	75.9	46.6	42 600
15.0	74.6	46.3	37 200
16.0	73.3	46.0	32 500
18.0	70.6	45.3	24 700
20.0	67.9	44.5	18 500
22.0	65.2	43.6	13 400
24.0	62.3	42.5	9 200
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	86 900
9.0	82.8	50.7	84 800
10.0	81.6	50.6	72 600
11.0	80.4	50.4	62 700
12.0	79.2	50.2	54 500
13.0	78.0	50.0	47 400
14.0	76.8	49.7	41 400
15.0	75.6	49.4	36 200
16.0	74.3	49.2	31 600
18.0	71.9	48.5	24 000
20.0	69.4	47.8	17 900
22.0	66.8	46.9	12 900
24.0	64.2	46.0	8 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	80 400
10.0	82.1	53.6	70 600
11.0	81.0	53.5	61 100
12.0	79.8	53.3	53 100
13.0	78.7	53.1	46 300
14.0	77.6	52.9	40 400
15.0	76.4	52.6	35 400
16.0	75.3	52.3	30 900
18.0	73.0	51.7	23 500
20.0	70.6	51.0	17 500
22.0	68.3	50.2	12 600
24.0	65.8	49.4	8 500
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	71 200
10.0	82.5	56.7	68 700
11.0	81.5	56.6	59 500
12.0	80.4	56.4	51 700
13.0	79.3	56.2	45 100
14.0	78.3	56.0	39 400
15.0	77.2	55.7	34 500
16.0	76.1	55.5	30 200
18.0	74.0	54.9	22 900
20.0	71.8	54.3	17 000
22.0	69.5	53.5	12 200
24.0	67.3	52.7	8 200
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	63 300
11.0	81.9	59.7	57 900
12.0	80.9	59.5	50 400
13.0	79.9	59.3	44 000
14.0	78.9	59.1	38 500
15.0	77.9	58.9	33 700
16.0	76.9	58.6	29 400
18.0	74.8	58.1	22 300
20.0	72.8	57.5	16 600
22.0	70.7	56.8	11 800
24.0	68.5	56.0	7 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	61 600
11.0	82.3	62.7	56 300
12.0	81.4	62.6	49 100
13.0	80.4	62.4	42 900
14.0	79.5	62.2	37 500
15.0	78.5	62.0	32 800
16.0	77.5	61.8	28 700
18.0	75.6	61.3	21 700
20.0	73.6	60.7	16 100
22.0	71.7	60.0	11 400
24.0	69.7	59.3	7 500



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

48.8m (160 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	198 400
6.5	81.4	26.4	178 400
7.0	80.2	26.3	158 000
7.5	79.0	26.2	141 000
8.0	77.8	26.1	126 600
8.5	76.6	26.0	114 300
9.0	75.4	25.8	103 700
10.0	72.9	25.5	86 200
11.0	70.4	25.1	72 500
12.0	67.8	24.7	61 300
13.0	65.2	24.2	52 200
14.0	62.6	23.7	44 600
15.0	59.8	23.1	37 500
16.0	57.0	22.4	31 300
18.0	51.1	20.8	21 600
20.0	44.5	18.9	14 400
22.0	37.0	16.4	8 700
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	175 200
6.5	82.4	29.5	171 100
7.0	81.3	29.4	152 000
7.5	80.3	29.3	136 200
8.0	79.2	29.2	122 700
8.5	78.1	29.1	111 100
9.0	77.0	29.0	101 100
10.0	74.9	28.7	84 500
11.0	72.7	28.4	71 300
12.0	70.4	28.0	60 700
13.0	68.2	27.6	51 900
14.0	65.9	27.1	44 500
15.0	63.5	26.6	38 100
16.0	61.1	26.0	32 600
18.0	56.1	24.7	23 000
20.0	50.8	23.1	15 600
22.0	45.0	21.2	9 900
24.0	38.5	18.8	5 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	156 200
7.0	82.2	32.5	146 300
7.5	81.2	32.4	131 500
8.0	80.3	32.3	118 800
8.5	79.3	32.2	107 900
9.0	78.4	32.1	98 400
10.0	76.4	31.9	82 600
11.0	74.5	31.6	70 000
12.0	72.5	31.2	59 700
13.0	70.5	30.9	51 200
14.0	68.5	30.5	44 000
15.0	66.4	30.0	37 900
16.0	64.3	29.5	32 600
18.0	60.0	28.4	23 900
20.0	55.4	27.0	16 600
22.0	50.6	25.4	10 800
24.0	45.4	23.5	6 200
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	140 700
7.5	82.0	35.5	127 200
8.0	81.2	35.4	115 300
8.5	80.3	35.3	105 000
9.0	79.4	35.2	96 000
10.0	77.7	35.0	80 900
11.0	75.9	34.7	68 900
12.0	74.1	34.4	59 000
13.0	72.3	34.1	50 800
14.0	70.5	33.8	43 800
15.0	68.7	33.3	37 800
16.0	66.8	32.9	32 600
18.0	63.0	31.9	24 100
20.0	59.0	30.7	17 500
22.0	54.9	29.3	11 900
24.0	50.5	27.7	7 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	127 300
7.5	82.7	38.6	122 800
8.0	81.9	38.5	111 500
8.5	81.1	38.4	101 800
9.0	80.3	38.3	93 200
10.0	78.7	38.1	78 800
11.0	77.1	37.9	67 300
12.0	75.5	37.6	57 800
13.0	73.9	37.3	49 800
14.0	72.2	37.0	43 100
15.0	70.5	36.6	37 300
16.0	68.9	36.2	32 200
18.0	65.4	35.3	23 900
20.0	61.9	34.3	17 400
22.0	58.2	33.1	12 000
24.0	54.4	31.7	7 700
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	109 500
8.0	82.6	41.6	108 000
8.5	81.8	41.5	98 700
9.0	81.1	41.4	90 600
10.0	79.6	41.3	76 900
11.0	78.1	41.0	65 800
12.0	76.6	40.8	56 600
13.0	75.1	40.5	49 000
14.0	73.6	40.2	42 400
15.0	72.1	39.9	36 800
16.0	70.6	39.5	31 900
18.0	67.4	38.7	23 800
20.0	64.2	37.7	17 400
22.0	60.9	36.6	12 100
24.0	57.5	35.4	7 800



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

**Maximum Operating
Wind Speed
10 m/s**

48.8m (160 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	100 100
8.5	82.4	44.6	95 600
9.0	81.7	44.5	87 800
10.0	80.4	44.4	74 700
11.0	79.0	44.2	64 000
12.0	77.6	43.9	55 200
13.0	76.2	43.7	47 700
14.0	74.8	43.4	41 400
15.0	73.4	43.1	35 900
16.0	72.0	42.8	31 100
18.0	69.1	42.0	23 200
20.0	66.2	41.1	16 900
22.0	63.2	40.1	11 800
24.0	60.1	39.0	7 500
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	92 200
9.0	82.3	47.6	85 400
10.0	81.0	47.5	72 800
11.0	79.7	47.3	62 600
12.0	78.5	47.1	54 100
13.0	77.2	46.8	46 900
14.0	75.9	46.6	40 700
15.0	74.6	46.3	35 400
16.0	73.3	46.0	30 800
18.0	70.6	45.3	23 000
20.0	67.9	44.5	16 800
22.0	65.2	43.6	11 800
24.0	62.3	42.5	7 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	84 800
9.0	82.8	50.7	82 700
10.0	81.6	50.6	70 600
11.0	80.4	50.4	60 800
12.0	79.2	50.2	52 500
13.0	78.0	50.0	45 600
14.0	76.8	49.7	39 600
15.0	75.6	49.4	34 400
16.0	74.3	49.2	29 900
18.0	71.9	48.5	22 300
20.0	69.4	47.8	16 200
22.0	66.8	46.9	11 300
24.0	64.2	46.0	7 200
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	78 400
10.0	82.1	53.6	68 700
11.0	81.0	53.5	59 200
12.0	79.8	53.3	51 200
13.0	78.7	53.1	44 500
14.0	77.6	52.9	38 700
15.0	76.4	52.6	33 600
16.0	75.3	52.3	29 200
18.0	73.0	51.7	21 800
20.0	70.6	51.0	15 900
22.0	68.3	50.2	11 000
24.0	65.8	49.4	6 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	69 300
10.0	82.5	56.7	66 800
11.0	81.5	56.6	57 600
12.0	80.4	56.4	49 900
13.0	79.3	56.2	43 400
14.0	78.3	56.0	37 800
15.0	77.2	55.7	32 800
16.0	76.1	55.5	28 500
18.0	74.0	54.9	21 300
20.0	71.8	54.3	15 400
22.0	69.5	53.5	10 700
24.0	67.3	52.7	6 600
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	61 500
11.0	81.9	59.7	56 100
12.0	80.9	59.5	48 600
13.0	79.9	59.3	42 300
14.0	78.9	59.1	36 800
15.0	77.9	58.9	32 000
16.0	76.9	58.6	27 800
18.0	74.8	58.1	20 700
20.0	72.8	57.5	15 000
22.0	70.7	56.8	10 300
24.0	68.5	56.0	6 400



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

51.8m (170 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	195 000
6.5	81.4	26.4	175 300
7.0	80.2	26.3	155 000
7.5	79.0	26.2	138 100
8.0	77.8	26.1	123 800
8.5	76.6	26.0	111 600
9.0	75.4	25.8	101 100
10.0	72.9	25.5	83 700
11.0	70.4	25.1	70 100
12.0	67.8	24.7	59 100
13.0	65.2	24.2	50 000
14.0	62.6	23.7	42 500
15.0	59.8	23.1	35 600
16.0	57.0	22.4	29 500
18.0	51.1	20.8	19 900
20.0	44.5	18.9	12 700
22.0	37.0	16.4	7 100
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	172 200
6.5	82.4	29.5	168 200
7.0	81.3	29.4	149 200
7.5	80.3	29.3	133 500
8.0	79.2	29.2	120 100
8.5	78.1	29.1	108 700
9.0	77.0	29.0	98 700
10.0	74.9	28.7	82 200
11.0	72.7	28.4	69 200
12.0	70.4	28.0	58 600
13.0	68.2	27.6	49 800
14.0	65.9	27.1	42 500
15.0	63.5	26.6	36 200
16.0	61.1	26.0	30 700
18.0	56.1	24.7	21 300
20.0	50.8	23.1	14 000
22.0	45.0	21.2	8 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	153 500
7.0	82.2	32.5	143 600
7.5	81.2	32.4	128 900
8.0	80.3	32.3	116 400
8.5	79.3	32.2	105 600
9.0	78.4	32.1	96 100
10.0	76.4	31.9	80 400
11.0	74.5	31.6	68 000
12.0	72.5	31.2	57 800
13.0	70.5	30.9	49 300
14.0	68.5	30.5	42 200
15.0	66.4	30.0	36 100
16.0	64.3	29.5	30 800
18.0	60.0	28.4	22 200
20.0	55.4	27.0	15 100
22.0	50.6	25.4	9 400
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	138 200
7.5	82.0	35.5	124 800
8.0	81.2	35.4	113 000
8.5	80.3	35.3	102 800
9.0	79.4	35.2	93 800
10.0	77.7	35.0	78 900
11.0	75.9	34.7	66 900
12.0	74.1	34.4	57 100
13.0	72.3	34.1	49 000
14.0	70.5	33.8	42 000
15.0	68.7	33.3	36 100
16.0	66.8	32.9	31 000
18.0	63.0	31.9	22 500
20.0	59.0	30.7	15 900
22.0	54.9	29.3	10 500
24.0	50.5	27.7	5 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	125 000
7.5	82.7	38.6	120 500
8.0	81.9	38.5	109 300
8.5	81.1	38.4	99 700
9.0	80.3	38.3	91 200
10.0	78.7	38.1	76 900
11.0	77.1	37.9	65 400
12.0	75.5	37.6	56 000
13.0	73.9	37.3	48 100
14.0	72.2	37.0	41 400
15.0	70.5	36.6	35 600
16.0	68.9	36.2	30 600
18.0	65.4	35.3	22 400
20.0	61.9	34.3	15 900
22.0	58.2	33.1	10 600
24.0	54.4	31.7	6 300
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	107 400
8.0	82.6	41.6	106 000
8.5	81.8	41.5	96 700
9.0	81.1	41.4	88 700
10.0	79.6	41.3	75 100
11.0	78.1	41.0	64 000
12.0	76.6	40.8	54 900
13.0	75.1	40.5	47 300
14.0	73.6	40.2	40 900
15.0	72.1	39.9	35 300
16.0	70.6	39.5	30 400
18.0	67.4	38.7	22 300
20.0	64.2	37.7	16 000
22.0	60.9	36.6	10 800
24.0	57.5	35.4	6 500



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

**Maximum Operating
Wind Speed
10 m/s**

51.8m (170 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	98 200
8.5	82.4	44.6	93 700
9.0	81.7	44.5	85 900
10.0	80.4	44.4	72 900
11.0	79.0	44.2	62 300
12.0	77.6	43.9	53 500
13.0	76.2	43.7	46 200
14.0	74.8	43.4	39 900
15.0	73.4	43.1	34 400
16.0	72.0	42.8	29 700
18.0	69.1	42.0	21 800
20.0	66.2	41.1	15 600
22.0	63.2	40.1	10 500
24.0	60.1	39.0	6 300
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	90 400
9.0	82.3	47.6	83 600
10.0	81.0	47.5	71 100
11.0	79.7	47.3	61 000
12.0	78.5	47.1	52 500
13.0	77.2	46.8	45 400
14.0	75.9	46.6	39 300
15.0	74.6	46.3	34 000
16.0	73.3	46.0	29 300
18.0	70.6	45.3	21 600
20.0	67.9	44.5	15 500
22.0	65.2	43.6	10 500
24.0	62.3	42.5	6 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	83 100
9.0	82.8	50.7	81 000
10.0	81.6	50.6	69 000
11.0	80.4	50.4	59 200
12.0	79.2	50.2	51 000
13.0	78.0	50.0	44 100
14.0	76.8	49.7	38 200
15.0	75.6	49.4	33 000
16.0	74.3	49.2	28 500
18.0	71.9	48.5	21 000
20.0	69.4	47.8	15 000
22.0	66.8	46.9	10 100
24.0	64.2	46.0	6 000
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	76 700
10.0	82.1	53.6	67 100
11.0	81.0	53.5	57 700
12.0	79.8	53.3	49 800
13.0	78.7	53.1	43 100
14.0	77.6	52.9	37 300
15.0	76.4	52.6	32 300
16.0	75.3	52.3	27 900
18.0	73.0	51.7	20 600
20.0	70.6	51.0	14 700
22.0	68.3	50.2	9 800
24.0	65.8	49.4	5 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	67 700
10.0	82.5	56.7	65 300
11.0	81.5	56.6	56 100
12.0	80.4	56.4	48 500
13.0	79.3	56.2	42 000
14.0	78.3	56.0	36 400
15.0	77.2	55.7	31 500
16.0	76.1	55.5	27 200
18.0	74.0	54.9	20 000
20.0	71.8	54.3	14 200
22.0	69.5	53.5	9 500
24.0	67.3	52.7	5 500
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	60 100
11.0	81.9	59.7	54 700
12.0	80.9	59.5	47 300
13.0	79.9	59.3	41 000
14.0	78.9	59.1	35 500
15.0	77.9	58.9	30 800
16.0	76.9	58.6	26 600
18.0	74.8	58.1	19 600
20.0	72.8	57.5	13 900
22.0	70.7	56.8	9 200
24.0	68.5	56.0	5 300



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

54.9m (180 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	191 100
6.5	81.4	26.4	171 600
7.0	80.2	26.3	151 400
7.5	79.0	26.2	134 600
8.0	77.8	26.1	120 400
8.5	76.6	26.0	108 400
9.0	75.4	25.8	97 900
10.0	72.9	25.5	80 600
11.0	70.4	25.1	67 100
12.0	67.8	24.7	56 200
13.0	65.2	24.2	47 200
14.0	62.6	23.7	39 700
15.0	59.8	23.1	33 100
16.0	57.0	22.4	27 100
18.0	51.1	20.8	17 500
20.0	44.5	18.9	10 400
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	168 700
6.5	82.4	29.5	164 700
7.0	81.3	29.4	145 900
7.5	80.3	29.3	130 200
8.0	79.2	29.2	117 000
8.5	78.1	29.1	105 600
9.0	77.0	29.0	95 700
10.0	74.9	28.7	79 300
11.0	72.7	28.4	66 400
12.0	70.4	28.0	55 900
13.0	68.2	27.6	47 200
14.0	65.9	27.1	39 900
15.0	63.5	26.6	33 700
16.0	61.1	26.0	28 300
18.0	56.1	24.7	19 200
20.0	50.8	23.1	12 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	150 300
7.0	82.2	32.5	140 500
7.5	81.2	32.4	125 900
8.0	80.3	32.3	113 400
8.5	79.3	32.2	102 700
9.0	78.4	32.1	93 300
10.0	76.4	31.9	77 700
11.0	74.5	31.6	65 300
12.0	72.5	31.2	55 200
13.0	70.5	30.9	46 800
14.0	68.5	30.5	39 700
15.0	66.4	30.0	33 700
16.0	64.3	29.5	28 500
18.0	60.0	28.4	19 900
20.0	55.4	27.0	13 100
22.0	50.6	25.4	7 400
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	135 300
7.5	82.0	35.5	121 900
8.0	81.2	35.4	110 200
8.5	80.3	35.3	100 000
9.0	79.4	35.2	91 200
10.0	77.7	35.0	76 300
11.0	75.9	34.7	64 400
12.0	74.1	34.4	54 700
13.0	72.3	34.1	46 600
14.0	70.5	33.8	39 700
15.0	68.7	33.3	33 800
16.0	66.8	32.9	28 700
18.0	63.0	31.9	20 400
20.0	59.0	30.7	13 800
22.0	54.9	29.3	8 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	122 200
7.5	82.7	38.6	117 800
8.0	81.9	38.5	106 700
8.5	81.1	38.4	97 000
9.0	80.3	38.3	88 600
10.0	78.7	38.1	74 400
11.0	77.1	37.9	63 000
12.0	75.5	37.6	53 700
13.0	73.9	37.3	45 900
14.0	72.2	37.0	39 200
15.0	70.5	36.6	33 500
16.0	68.9	36.2	28 500
18.0	65.4	35.3	20 300
20.0	61.9	34.3	13 900
22.0	58.2	33.1	8 600
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	104 800
8.0	82.6	41.6	103 400
8.5	81.8	41.5	94 200
9.0	81.1	41.4	86 200
10.0	79.6	41.3	72 700
11.0	78.1	41.0	61 800
12.0	76.6	40.8	52 800
13.0	75.1	40.5	45 200
14.0	73.6	40.2	38 700
15.0	72.1	39.9	33 200
16.0	70.6	39.5	28 300
18.0	67.4	38.7	20 400
20.0	64.2	37.7	14 000
22.0	60.9	36.6	8 900



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

54.9m (180 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	95 700
8.5	82.4	44.6	91 200
9.0	81.7	44.5	83 600
10.0	80.4	44.4	70 600
11.0	79.0	44.2	60 200
12.0	77.6	43.9	51 400
13.0	76.2	43.7	44 100
14.0	74.8	43.4	37 900
15.0	73.4	43.1	32 400
16.0	72.0	42.8	27 700
18.0	69.1	42.0	19 900
20.0	66.2	41.1	13 700
22.0	63.2	40.1	8 600
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	88 100
9.0	82.3	47.6	81 300
10.0	81.0	47.5	68 900
11.0	79.7	47.3	58 800
12.0	78.5	47.1	50 400
13.0	77.2	46.8	43 400
14.0	75.9	46.6	37 300
15.0	74.6	46.3	32 000
16.0	73.3	46.0	27 400
18.0	70.6	45.3	19 800
20.0	67.9	44.5	13 700
22.0	65.2	43.6	8 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	80 900
9.0	82.8	50.7	78 800
10.0	81.6	50.6	66 900
11.0	80.4	50.4	57 200
12.0	79.2	50.2	49 100
13.0	78.0	50.0	42 200
14.0	76.8	49.7	36 300
15.0	75.6	49.4	31 200
16.0	74.3	49.2	26 700
18.0	71.9	48.5	19 200
20.0	69.4	47.8	13 200
22.0	66.8	46.9	8 400
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	74 600
10.0	82.1	53.6	65 000
11.0	81.0	53.5	55 700
12.0	79.8	53.3	47 900
13.0	78.7	53.1	41 200
14.0	77.6	52.9	35 500
15.0	76.4	52.6	30 500
16.0	75.3	52.3	26 100
18.0	73.0	51.7	18 800
20.0	70.6	51.0	13 000
22.0	68.3	50.2	8 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	65 700
10.0	82.5	56.7	63 300
11.0	81.5	56.6	54 200
12.0	80.4	56.4	46 600
13.0	79.3	56.2	40 200
14.0	78.3	56.0	34 600
15.0	77.2	55.7	29 800
16.0	76.1	55.5	25 500
18.0	74.0	54.9	18 400
20.0	71.8	54.3	12 600
22.0	69.5	53.5	7 900
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	58 100
11.0	81.9	59.7	52 800
12.0	80.9	59.5	45 400
13.0	79.9	59.3	39 200
14.0	78.9	59.1	33 800
15.0	77.9	58.9	29 000
16.0	76.9	58.6	24 900
18.0	74.8	58.1	17 900
20.0	72.8	57.5	12 300
22.0	70.7	56.8	7 700



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

57.9m (190 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	187 200
6.5	81.4	26.4	167 700
7.0	80.2	26.3	147 700
7.5	79.0	26.2	131 100
8.0	77.8	26.1	117 100
8.5	76.6	26.0	105 100
9.0	75.4	25.8	94 700
10.0	72.9	25.5	77 600
11.0	70.4	25.1	64 200
12.0	67.8	24.7	53 400
13.0	65.2	24.2	44 400
14.0	62.6	23.7	37 000
15.0	59.8	23.1	30 600
16.0	57.0	22.4	24 800
18.0	51.1	20.8	15 300
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	165 100
6.5	82.4	29.5	161 200
7.0	81.3	29.4	142 500
7.5	80.3	29.3	127 000
8.0	79.2	29.2	113 900
8.5	78.1	29.1	102 500
9.0	77.0	29.0	92 700
10.0	74.9	28.7	76 500
11.0	72.7	28.4	63 600
12.0	70.4	28.0	53 200
13.0	68.2	27.6	44 600
14.0	65.9	27.1	37 400
15.0	63.5	26.6	31 200
16.0	61.1	26.0	25 900
18.0	56.1	24.7	17 000
20.0	50.8	23.1	9 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	147 100
7.0	82.2	32.5	137 300
7.5	81.2	32.4	122 800
8.0	80.3	32.3	110 500
8.5	79.3	32.2	99 800
9.0	78.4	32.1	90 500
10.0	76.4	31.9	75 000
11.0	74.5	31.6	62 700
12.0	72.5	31.2	52 700
13.0	70.5	30.9	44 400
14.0	68.5	30.5	37 400
15.0	66.4	30.0	31 400
16.0	64.3	29.5	26 200
18.0	60.0	28.4	17 700
20.0	55.4	27.0	11 100
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	132 300
7.5	82.0	35.5	119 000
8.0	81.2	35.4	107 400
8.5	80.3	35.3	97 300
9.0	79.4	35.2	88 500
10.0	77.7	35.0	73 800
11.0	75.9	34.7	62 000
12.0	74.1	34.4	52 300
13.0	72.3	34.1	44 300
14.0	70.5	33.8	37 500
15.0	68.7	33.3	31 700
16.0	66.8	32.9	26 600
18.0	63.0	31.9	18 300
20.0	59.0	30.7	11 800
22.0	54.9	29.3	6 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	119 400
7.5	82.7	38.6	115 000
8.0	81.9	38.5	104 000
8.5	81.1	38.4	94 500
9.0	80.3	38.3	86 100
10.0	78.7	38.1	72 000
11.0	77.1	37.9	60 700
12.0	75.5	37.6	51 400
13.0	73.9	37.3	43 700
14.0	72.2	37.0	37 100
15.0	70.5	36.6	31 400
16.0	68.9	36.2	26 500
18.0	65.4	35.3	18 400
20.0	61.9	34.3	12 000
22.0	58.2	33.1	6 800
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	102 300
8.0	82.6	41.6	100 900
8.5	81.8	41.5	91 800
9.0	81.1	41.4	83 800
10.0	79.6	41.3	70 400
11.0	78.1	41.0	59 600
12.0	76.6	40.8	50 600
13.0	75.1	40.5	43 100
14.0	73.6	40.2	36 700
15.0	72.1	39.9	31 200
16.0	70.6	39.5	26 400
18.0	67.4	38.7	18 400
20.0	64.2	37.7	12 200
22.0	60.9	36.6	7 100



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

57.9m (190 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	93 300
8.5	82.4	44.6	88 900
9.0	81.7	44.5	81 200
10.0	80.4	44.4	68 400
11.0	79.0	44.2	58 000
12.0	77.6	43.9	49 400
13.0	76.2	43.7	42 100
14.0	74.8	43.4	35 900
15.0	73.4	43.1	30 500
16.0	72.0	42.8	25 800
18.0	69.1	42.0	18 100
20.0	66.2	41.1	11 900
22.0	63.2	40.1	6 900
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	85 800
9.0	82.3	47.6	79 100
10.0	81.0	47.5	66 800
11.0	79.7	47.3	56 800
12.0	78.5	47.1	48 500
13.0	77.2	46.8	41 400
14.0	75.9	46.6	35 400
15.0	74.6	46.3	30 200
16.0	73.3	46.0	25 600
18.0	70.6	45.3	18 000
20.0	67.9	44.5	12 000
22.0	65.2	43.6	7 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	78 700
9.0	82.8	50.7	76 600
10.0	81.6	50.6	64 800
11.0	80.4	50.4	55 200
12.0	79.2	50.2	47 100
13.0	78.0	50.0	40 300
14.0	76.8	49.7	34 400
15.0	75.6	49.4	29 400
16.0	74.3	49.2	24 900
18.0	71.9	48.5	17 500
20.0	69.4	47.8	11 600
22.0	66.8	46.9	6 700
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	72 500
10.0	82.1	53.6	63 000
11.0	81.0	53.5	53 700
12.0	79.8	53.3	46 000
13.0	78.7	53.1	39 400
14.0	77.6	52.9	33 700
15.0	76.4	52.6	28 800
16.0	75.3	52.3	24 400
18.0	73.0	51.7	17 200
20.0	70.6	51.0	11 400
22.0	68.3	50.2	6 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	63 700
10.0	82.5	56.7	61 300
11.0	81.5	56.6	52 300
12.0	80.4	56.4	44 800
13.0	79.3	56.2	38 400
14.0	78.3	56.0	32 900
15.0	77.2	55.7	28 100
16.0	76.1	55.5	23 800
18.0	74.0	54.9	16 800
20.0	71.8	54.3	11 100
22.0	69.5	53.5	6 400
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	56 200
11.0	81.9	59.7	50 900
12.0	80.9	59.5	43 700
13.0	79.9	59.3	37 500
14.0	78.9	59.1	32 100
15.0	77.9	58.9	27 400
16.0	76.9	58.6	23 300
18.0	74.8	58.1	16 300
20.0	72.8	57.5	10 800



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

61.0m (200 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	183 000
6.5	81.4	26.4	163 700
7.0	80.2	26.3	143 900
7.5	79.0	26.2	127 400
8.0	77.8	26.1	113 500
8.5	76.6	26.0	101 500
9.0	75.4	25.8	91 300
10.0	72.9	25.5	74 300
11.0	70.4	25.1	61 000
12.0	67.8	24.7	50 300
13.0	65.2	24.2	41 500
14.0	62.6	23.7	34 100
15.0	59.8	23.1	27 800
16.0	57.0	22.4	22 200
18.0	51.1	20.8	12 800
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	161 400
6.5	82.4	29.5	157 500
7.0	81.3	29.4	138 900
7.5	80.3	29.3	123 500
8.0	79.2	29.2	110 500
8.5	78.1	29.1	99 300
9.0	77.0	29.0	89 500
10.0	74.9	28.7	73 400
11.0	72.7	28.4	60 700
12.0	70.4	28.0	50 400
13.0	68.2	27.6	41 800
14.0	65.9	27.1	34 700
15.0	63.5	26.6	28 500
16.0	61.1	26.0	23 300
18.0	56.1	24.7	14 700
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	143 600
7.0	82.2	32.5	133 900
7.5	81.2	32.4	119 500
8.0	80.3	32.3	107 300
8.5	79.3	32.2	96 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
9.0	78.4	32.1	87 500
10.0	76.4	31.9	72 200
11.0	74.5	31.6	60 000
12.0	72.5	31.2	50 000
13.0	70.5	30.9	41 700
14.0	68.5	30.5	34 800
15.0	66.4	30.0	28 900
16.0	64.3	29.5	23 700
18.0	60.0	28.4	15 300
20.0	55.4	27.0	8 700
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	129 000
7.5	82.0	35.5	115 900
8.0	81.2	35.4	104 400
8.5	80.3	35.3	94 400
9.0	79.4	35.2	85 700
10.0	77.7	35.0	71 000
11.0	75.9	34.7	59 400
12.0	74.1	34.4	49 800
13.0	72.3	34.1	41 800
14.0	70.5	33.8	35 100
15.0	68.7	33.3	29 200
16.0	66.8	32.9	24 200
18.0	63.0	31.9	16 000
20.0	59.0	30.7	9 600
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	116 400
7.5	82.7	38.6	112 100
8.0	81.9	38.5	101 100
8.5	81.1	38.4	91 700
9.0	80.3	38.3	83 300
10.0	78.7	38.1	69 400
11.0	77.1	37.9	58 200
12.0	75.5	37.6	49 000
13.0	73.9	37.3	41 300
14.0	72.2	37.0	34 700
15.0	70.5	36.6	29 100
16.0	68.9	36.2	24 200
18.0	65.4	35.3	16 200
20.0	61.9	34.3	9 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	99 500
8.0	82.6	41.6	98 100
8.5	81.8	41.5	89 100
9.0	81.1	41.4	81 200
10.0	79.6	41.3	67 900
11.0	78.1	41.0	57 200
12.0	76.6	40.8	48 200
13.0	75.1	40.5	40 800
14.0	73.6	40.2	34 500
15.0	72.1	39.9	29 000
16.0	70.6	39.5	24 200
18.0	67.4	38.7	16 300
20.0	64.2	37.7	10 200
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	90 800
8.5	82.4	44.6	86 300
9.0	81.7	44.5	78 700
10.0	80.4	44.4	66 000
11.0	79.0	44.2	55 700
12.0	77.6	43.9	47 100
13.0	76.2	43.7	39 900
14.0	74.8	43.4	33 700
15.0	73.4	43.1	28 400
16.0	72.0	42.8	23 800
18.0	69.1	42.0	16 100
20.0	66.2	41.1	10 000
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	83 300
9.0	82.3	47.6	76 700
10.0	81.0	47.5	64 500
11.0	79.7	47.3	54 500
12.0	78.5	47.1	46 300
13.0	77.2	46.8	39 300
14.0	75.9	46.6	33 300
15.0	74.6	46.3	28 100
16.0	73.3	46.0	23 600
18.0	70.6	45.3	16 100
20.0	67.9	44.5	10 100

Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg Counterweight
360 Degree Rating

**Maximum Operating
Wind Speed
10 m/s**

61.0m (200 Ft.) Luffing Jib, Attached at 168 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	76 400
9.0	82.8	50.7	74 300
10.0	81.6	50.6	62 600
11.0	80.4	50.4	53 000
12.0	79.2	50.2	45 000
13.0	78.0	50.0	38 200
14.0	76.8	49.7	32 400
15.0	75.6	49.4	27 400
16.0	74.3	49.2	23 000
18.0	71.9	48.5	15 700
20.0	69.4	47.8	9 700
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	70 300
10.0	82.1	53.6	60 900
11.0	81.0	53.5	51 700
12.0	79.8	53.3	43 900
13.0	78.7	53.1	37 400
14.0	77.6	52.9	31 700
15.0	76.4	52.6	26 800
16.0	75.3	52.3	22 500
18.0	73.0	51.7	15 400
20.0	70.6	51.0	9 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	61 600
10.0	82.5	56.7	59 200
11.0	81.5	56.6	50 300
12.0	80.4	56.4	42 800
13.0	79.3	56.2	36 500
14.0	78.3	56.0	31 000
15.0	77.2	55.7	26 200
16.0	76.1	55.5	22 000
18.0	74.0	54.9	15 000
20.0	71.8	54.3	9 300
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	54 200
11.0	81.9	59.7	48 900
12.0	80.9	59.5	41 700
13.0	79.9	59.3	35 600
14.0	78.9	59.1	30 300
15.0	77.9	58.9	25 600
16.0	76.9	58.6	21 500
18.0	74.8	58.1	14 600
20.0	72.8	57.5	9 100