

Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

**Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speed 10 m/s

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 (*).

61.0m and 64.0m 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.
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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, 94 890 kg crane counterweight and two 13 610 kg carbody counterweights.

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. 8043-AM** for luffing jib capacities.



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Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
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94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	212 800 *
7.0	80.2	26.3	210 300 *
7.5	79.0	26.2	198 900 *
8.0	77.8	26.1	184 600
8.5	76.6	26.0	169 100
9.0	75.4	25.8	155 900
10.0	72.9	25.5	134 200
11.0	70.4	25.1	117 100
12.0	67.8	24.7	103 300
13.0	65.2	24.2	90 600
14.0	62.6	23.7	79 600
15.0	59.8	23.1	70 500
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	205 200 *
6.5	82.4	29.5	204 700 *
7.0	81.3	29.4	202 100 *
7.5	80.3	29.3	195 400
8.0	79.2	29.2	177 800
8.5	78.1	29.1	163 400
9.0	77.0	29.0	150 900
10.0	74.9	28.7	130 300
11.0	72.7	28.4	114 000
12.0	70.4	28.0	100 800
13.0	68.2	27.6	89 800
14.0	65.9	27.1	79 800
15.0	63.5	26.6	70 700
16.0	61.1	26.0	63 000
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	195 100 *
7.0	82.2	32.5	193 600 *
7.5	81.2	32.4	187 500
8.0	80.3	32.3	171 500
8.5	79.3	32.2	157 900
9.0	78.4	32.1	146 100
10.0	76.4	31.9	126 500
11.0	74.5	31.6	110 900
12.0	72.5	31.2	98 200
13.0	70.5	30.9	87 600
14.0	68.5	30.5	78 700
15.0	66.4	30.0	70 800
16.0	64.3	29.5	63 200
18.0	60.0	28.4	51 000

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	150 500 *
8.0	81.2	35.4	148 700 *
8.5	80.3	35.3	147 000 *
9.0	79.4	35.2	142 600
10.0	77.7	35.0	123 200
11.0	75.9	34.7	108 300
12.0	74.1	34.4	96 000
13.0	72.3	34.1	85 800
14.0	70.5	33.8	77 200
15.0	68.7	33.3	69 800
16.0	66.8	32.9	63 200
18.0	63.0	31.9	51 400
20.0	59.0	30.7	42 100
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	142 600 *
7.5	82.7	38.6	142 000 *
8.0	81.9	38.5	140 400 *
8.5	81.1	38.4	138 900 *
9.0	80.3	38.3	136 600
10.0	78.7	38.1	119 700
11.0	77.1	37.9	105 400
12.0	75.5	37.6	93 600
13.0	73.9	37.3	83 800
14.0	72.2	37.0	75 400
15.0	70.5	36.6	68 200
16.0	68.9	36.2	61 900
18.0	65.4	35.3	51 300
20.0	61.9	34.3	42 100
22.0	58.2	33.1	34 800
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	141 400 *
8.0	82.6	41.6	141 200 *
8.5	81.8	41.5	139 800 *
9.0	81.1	41.4	133 900
10.0	79.6	41.3	116 500
11.0	78.1	41.0	102 800
12.0	76.6	40.8	91 400
13.0	75.1	40.5	81 900
14.0	73.6	40.2	73 800
15.0	72.1	39.9	66 800
16.0	70.6	39.5	60 800
18.0	67.4	38.7	50 700
20.0	64.2	37.7	42 200
22.0	60.9	36.6	34 900
24.0	57.5	35.4	29 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	137 100 *
8.5	82.4	44.6	136 400 *
9.0	81.7	44.5	129 600
10.0	80.4	44.4	113 100
11.0	79.0	44.2	99 900
12.0	77.6	43.9	89 000
13.0	76.2	43.7	79 800
14.0	74.8	43.4	71 900
15.0	73.4	43.1	65 100
16.0	72.0	42.8	59 200
18.0	69.1	42.0	49 400
20.0	66.2	41.1	41 600
22.0	63.2	40.1	34 700
24.0	60.1	39.0	28 800
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	118 700 *
9.0	82.3	47.6	117 500 *
10.0	81.0	47.5	111 000
11.0	79.7	47.3	97 600
12.0	78.5	47.1	87 000
13.0	77.2	46.8	78 100
14.0	75.9	46.6	70 500
15.0	74.6	46.3	63 900
16.0	73.3	46.0	58 100
18.0	70.6	45.3	48 500
20.0	67.9	44.5	40 900
22.0	65.2	43.6	34 600
24.0	62.3	42.5	29 000
26.0	59.4	41.4	24 100
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	114 500 *
9.0	82.8	50.7	114 200 *
10.0	81.6	50.6	107 700
11.0	80.4	50.4	94 900
12.0	79.2	50.2	84 700
13.0	78.0	50.0	76 000
14.0	76.8	49.7	68 700
15.0	75.6	49.4	62 300
16.0	74.3	49.2	56 600
18.0	71.9	48.5	47 200
20.0	69.4	47.8	39 800
22.0	66.8	46.9	33 600
24.0	64.2	46.0	28 500
26.0	61.5	44.9	23 800
28.0	58.8	43.7	19 800

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Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody 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	110 400 *
10.0	82.1	53.6	104 400
11.0	81.0	53.5	92 500
12.0	79.8	53.3	82 600
13.0	78.7	53.1	74 300
14.0	77.6	52.9	67 100
15.0	76.4	52.6	60 900
16.0	75.3	52.3	55 400
18.0	73.0	51.7	46 200
20.0	70.6	51.0	38 900
22.0	68.3	50.2	32 900
24.0	65.8	49.4	27 800
26.0	63.4	48.4	23 600
28.0	60.8	47.3	19 700
30.0	58.3	46.0	16 200
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	101 300 *
10.0	82.5	56.7	99 600
11.0	81.5	56.6	90 100
12.0	80.4	56.4	80 600
13.0	79.3	56.2	72 600
14.0	78.3	56.0	65 600
15.0	77.2	55.7	59 500
16.0	76.1	55.5	54 100
18.0	74.0	54.9	45 200
20.0	71.8	54.3	38 000
22.0	69.5	53.5	32 100
24.0	67.3	52.7	27 200
26.0	65.0	51.8	22 900
28.0	62.6	50.7	19 400
30.0	60.2	49.6	16 100
32.0	57.8	48.4	13 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	87 400 *
11.0	81.9	59.7	85 200
12.0	80.9	59.5	79 000
13.0	79.9	59.3	70 900
14.0	78.9	59.1	64 100
15.0	77.9	58.9	58 200
16.0	76.9	58.6	53 000
18.0	74.8	58.1	44 200
20.0	72.8	57.5	37 200
22.0	70.7	56.8	31 400
24.0	68.5	56.0	26 500
26.0	66.4	55.1	22 400
28.0	64.2	54.2	18 800
30.0	61.9	53.1	15 700
32.0	59.7	52.0	13 100
34.0	57.3	50.7	10 500
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	80 100 *
12.0	81.4	62.6	76 300
13.0	80.4	62.4	69 200
14.0	79.5	62.2	62 700
15.0	78.5	62.0	56 900
16.0	77.5	61.8	51 800
18.0	75.6	61.3	43 200
20.0	73.6	60.7	36 300
22.0	71.7	60.0	30 600
24.0	69.7	59.3	25 900
26.0	67.6	58.5	21 800
28.0	65.6	57.6	18 300
30.0	63.5	56.6	15 200
32.0	61.3	55.5	12 600
34.0	59.2	54.3	10 200
36.0	56.9	53.0	8 100



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10 m/s

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Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	214 500 *
6.5	81.4	26.4	212 200 *
7.0	80.2	26.3	209 700 *
7.5	79.0	26.2	197 900 *
8.0	77.8	26.1	182 600
8.5	76.6	26.0	167 200
9.0	75.4	25.8	154 100
10.0	72.9	25.5	132 400
11.0	70.4	25.1	115 300
12.0	67.8	24.7	101 500
13.0	65.2	24.2	89 000
14.0	62.6	23.7	78 000
15.0	59.8	23.1	68 900
16.0	57.0	22.4	61 300
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	204 900 *
6.5	82.4	29.5	204 400 *
7.0	81.3	29.4	201 700 *
7.5	80.3	29.3	193 900
8.0	79.2	29.2	176 000
8.5	78.1	29.1	161 700
9.0	77.0	29.0	149 200
10.0	74.9	28.7	128 600
11.0	72.7	28.4	112 300
12.0	70.4	28.0	99 100
13.0	68.2	27.6	88 100
14.0	65.9	27.1	78 300
15.0	63.5	26.6	69 200
16.0	61.1	26.0	61 600
18.0	56.1	24.7	49 500
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	194 900 *
7.0	82.2	32.5	193 400 *
7.5	81.2	32.4	186 600
8.0	80.3	32.3	169 800
8.5	79.3	32.2	156 300
9.0	78.4	32.1	144 500
10.0	76.4	31.9	124 900
11.0	74.5	31.6	109 300
12.0	72.5	31.2	96 600
13.0	70.5	30.9	86 000
14.0	68.5	30.5	77 100
15.0	66.4	30.0	69 300
16.0	64.3	29.5	61 900
18.0	60.0	28.4	49 600
20.0	55.4	27.0	40 500

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	150 000 *
8.0	81.2	35.4	148 200 *
8.5	80.3	35.3	146 400 *
9.0	79.4	35.2	140 900
10.0	77.7	35.0	121 700
11.0	75.9	34.7	106 800
12.0	74.1	34.4	94 600
13.0	72.3	34.1	84 400
14.0	70.5	33.8	75 700
15.0	68.7	33.3	68 400
16.0	66.8	32.9	61 800
18.0	63.0	31.9	50 100
20.0	59.0	30.7	40 900
22.0	54.9	29.3	33 600
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	142 200 *
7.5	82.7	38.6	141 500 *
8.0	81.9	38.5	140 000 *
8.5	81.1	38.4	138 400 *
9.0	80.3	38.3	135 700
10.0	78.7	38.1	118 300
11.0	77.1	37.9	104 000
12.0	75.5	37.6	92 200
13.0	73.9	37.3	82 400
14.0	72.2	37.0	74 000
15.0	70.5	36.6	66 800
16.0	68.9	36.2	60 600
18.0	65.4	35.3	50 000
20.0	61.9	34.3	40 900
22.0	58.2	33.1	33 600
24.0	54.4	31.7	27 800
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	141 000 *
8.0	82.6	41.6	140 700 *
8.5	81.8	41.5	139 300 *
9.0	81.1	41.4	132 400
10.0	79.6	41.3	115 100
11.0	78.1	41.0	101 400
12.0	76.6	40.8	90 100
13.0	75.1	40.5	80 600
14.0	73.6	40.2	72 500
15.0	72.1	39.9	65 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39.6m (130 Ft.) BOOM			
16.0	70.6	39.5	59 400
18.0	67.4	38.7	49 400
20.0	64.2	37.7	41 000
22.0	60.9	36.6	33 700
24.0	57.5	35.4	28 000
26.0	54.0	34.0	23 200
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	136 800 *
8.5	82.4	44.6	136 000 *
9.0	81.7	44.5	128 100
10.0	80.4	44.4	111 800
11.0	79.0	44.2	98 600
12.0	77.6	43.9	87 700
13.0	76.2	43.7	78 500
14.0	74.8	43.4	70 600
15.0	73.4	43.1	63 900
16.0	72.0	42.8	57 900
18.0	69.1	42.0	48 100
20.0	66.2	41.1	40 300
22.0	63.2	40.1	33 600
24.0	60.1	39.0	27 700
26.0	56.9	37.7	22 900
28.0	53.6	36.3	18 900
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	118 500 *
9.0	82.3	47.6	117 200 *
10.0	81.0	47.5	109 500
11.0	79.7	47.3	96 300
12.0	78.5	47.1	85 700
13.0	77.2	46.8	76 900
14.0	75.9	46.6	69 200
15.0	74.6	46.3	62 700
16.0	73.3	46.0	56 900
18.0	70.6	45.3	47 300
20.0	67.9	44.5	39 700
22.0	65.2	43.6	33 400
24.0	62.3	42.5	27 900
26.0	59.4	41.4	23 100
28.0	56.4	40.0	19 100
30.0	53.3	38.6	15 700



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360 Degree Rating

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
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	114 300 *
9.0	82.8	50.7	114 000 *
10.0	81.6	50.6	106 300
11.0	80.4	50.4	93 600
12.0	79.2	50.2	83 400
13.0	78.0	50.0	74 900
14.0	76.8	49.7	67 400
15.0	75.6	49.4	61 100
16.0	74.3	49.2	55 400
18.0	71.9	48.5	46 100
20.0	69.4	47.8	38 600
22.0	66.8	46.9	32 500
24.0	64.2	46.0	27 400
26.0	61.5	44.9	22 700
28.0	58.8	43.7	18 700
30.0	56.0	42.4	15 300
32.0	53.1	40.9	12 400
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	110 200 *
10.0	82.1	53.6	103 600
11.0	81.0	53.5	91 200
12.0	79.8	53.3	81 400
13.0	78.7	53.1	73 100
14.0	77.6	52.9	65 900
15.0	76.4	52.6	59 700
16.0	75.3	52.3	54 200
18.0	73.0	51.7	45 100
20.0	70.6	51.0	37 700
22.0	68.3	50.2	31 700
24.0	65.8	49.4	26 700
26.0	63.4	48.4	22 500
28.0	60.8	47.3	18 700
30.0	58.3	46.0	15 200
32.0	55.6	44.7	12 300
34.0	52.8	43.2	9 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	101 200 *
10.0	82.5	56.7	99 000
11.0	81.5	56.6	88 900
12.0	80.4	56.4	79 500
13.0	79.3	56.2	71 400
14.0	78.3	56.0	64 400
15.0	77.2	55.7	58 300
16.0	76.1	55.5	53 000
18.0	74.0	54.9	44 100
20.0	71.8	54.3	36 900
22.0	69.5	53.5	31 000
24.0	67.3	52.7	26 100
26.0	65.0	51.8	21 900
28.0	62.6	50.7	18 300
30.0	60.2	49.6	15 100
32.0	57.8	48.4	12 200
34.0	55.2	47.0	9 600
36.0	52.6	45.5	7 400
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	87 200 *
11.0	81.9	59.7	85 000
12.0	80.9	59.5	77 800
13.0	79.9	59.3	69 700
14.0	78.9	59.1	63 000
15.0	77.9	58.9	57 100
16.0	76.9	58.6	51 900
18.0	74.8	58.1	43 100
20.0	72.8	57.5	36 100
22.0	70.7	56.8	30 300
24.0	68.5	56.0	25 400
26.0	66.4	55.1	21 300
28.0	64.2	54.2	17 800
30.0	61.9	53.1	14 700
32.0	59.7	52.0	12 000
34.0	57.3	50.7	9 600
36.0	54.9	49.3	7 300
38.0	52.4	47.8	5 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	80 000 *
12.0	81.4	62.6	75 600
13.0	80.4	62.4	68 100
14.0	79.5	62.2	61 600
15.0	78.5	62.0	55 800
16.0	77.5	61.8	50 700
18.0	75.6	61.3	42 200
20.0	73.6	60.7	35 300
22.0	71.7	60.0	29 600
24.0	69.7	59.3	24 800
26.0	67.6	58.5	20 700
28.0	65.6	57.6	17 200
30.0	63.5	56.6	14 200
32.0	61.3	55.5	11 500
34.0	59.2	54.3	9 100
36.0	56.9	53.0	7 100
38.0	54.6	51.6	5 200



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	210 500 *
6.5	81.4	26.4	208 300 *
7.0	80.2	26.3	205 700 *
7.5	79.0	26.2	196 200
8.0	77.8	26.1	179 300
8.5	76.6	26.0	164 200
9.0	75.4	25.8	151 100
10.0	72.9	25.5	129 600
11.0	70.4	25.1	112 800
12.0	67.8	24.7	99 100
13.0	65.2	24.2	86 800
14.0	62.6	23.7	75 900
15.0	59.8	23.1	66 900
16.0	57.0	22.4	59 400
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	201 300 *
6.5	82.4	29.5	200 800 *
7.0	81.3	29.4	198 000 *
7.5	80.3	29.3	190 700
8.0	79.2	29.2	172 900
8.5	78.1	29.1	158 700
9.0	77.0	29.0	146 400
10.0	74.9	28.7	126 000
11.0	72.7	28.4	109 900
12.0	70.4	28.0	96 700
13.0	68.2	27.6	85 900
14.0	65.9	27.1	76 300
15.0	63.5	26.6	67 300
16.0	61.1	26.0	59 700
18.0	56.1	24.7	47 800
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	191 500 *
7.0	82.2	32.5	190 000 *
7.5	81.2	32.4	183 300
8.0	80.3	32.3	166 900
8.5	79.3	32.2	153 500
9.0	78.4	32.1	141 800
10.0	76.4	31.9	122 400
11.0	74.5	31.6	107 000
12.0	72.5	31.2	94 400
13.0	70.5	30.9	83 900
14.0	68.5	30.5	75 100
15.0	66.4	30.0	67 400
16.0	64.3	29.5	60 100
18.0	60.0	28.4	47 900
20.0	55.4	27.0	38 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	149 800 *
7.5	82.0	35.5	147 900 *
8.0	81.2	35.4	146 100 *
8.5	80.3	35.3	144 300 *
9.0	79.4	35.2	138 300
10.0	77.7	35.0	119 300
11.0	75.9	34.7	104 500
12.0	74.1	34.4	92 400
13.0	72.3	34.1	82 300
14.0	70.5	33.8	73 800
15.0	68.7	33.3	66 500
16.0	66.8	32.9	60 000
18.0	63.0	31.9	48 500
20.0	59.0	30.7	39 300
22.0	54.9	29.3	32 200
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	140 200 *
7.5	82.7	38.6	139 600 *
8.0	81.9	38.5	138 000 *
8.5	81.1	38.4	136 500 *
9.0	80.3	38.3	133 500
10.0	78.7	38.1	115 900
11.0	77.1	37.9	101 700
12.0	75.5	37.6	90 100
13.0	73.9	37.3	80 400
14.0	72.2	37.0	72 100
15.0	70.5	36.6	65 000
16.0	68.9	36.2	58 800
18.0	65.4	35.3	48 400
20.0	61.9	34.3	39 400
22.0	58.2	33.1	32 200
24.0	54.4	31.7	26 500
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	139 000 *
8.0	82.6	41.6	138 800 *
8.5	81.8	41.5	137 300 *
9.0	81.1	41.4	129 900
10.0	79.6	41.3	112 800
11.0	78.1	41.0	99 300
12.0	76.6	40.8	88 000
13.0	75.1	40.5	78 600
14.0	73.6	40.2	70 600
15.0	72.1	39.9	63 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39.6m (130 Ft.) BOOM			
16.0	70.6	39.5	57 700
18.0	67.4	38.7	47 800
20.0	64.2	37.7	39 500
22.0	60.9	36.6	32 400
24.0	57.5	35.4	26 600
26.0	54.0	34.0	21 900
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	134 800 *
8.5	82.4	44.6	134 100 *
9.0	81.7	44.5	125 700
10.0	80.4	44.4	109 600
11.0	79.0	44.2	96 500
12.0	77.6	43.9	85 700
13.0	76.2	43.7	76 600
14.0	74.8	43.4	68 800
15.0	73.4	43.1	62 100
16.0	72.0	42.8	56 200
18.0	69.1	42.0	46 500
20.0	66.2	41.1	38 800
22.0	63.2	40.1	32 200
24.0	60.1	39.0	26 400
26.0	56.9	37.7	21 700
28.0	53.6	36.3	17 700
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	116 600 *
9.0	82.3	47.6	115 300 *
10.0	81.0	47.5	107 300
11.0	79.7	47.3	94 300
12.0	78.5	47.1	83 800
13.0	77.2	46.8	75 000
14.0	75.9	46.6	67 500
15.0	74.6	46.3	61 000
16.0	73.3	46.0	55 200
18.0	70.6	45.3	45 700
20.0	67.9	44.5	38 200
22.0	65.2	43.6	32 000
24.0	62.3	42.5	26 600
26.0	59.4	41.4	21 800
28.0	56.4	40.0	17 800
30.0	53.3	38.6	14 500

Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

European Standards 10 m/s Maximum Wind

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

Capacities based on structural competence
 are denoted by an asterisk (*).

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
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	112 500 *
9.0	82.8	50.7	112 100 *
10.0	81.6	50.6	104 200
11.0	80.4	50.4	91 600
12.0	79.2	50.2	81 600
13.0	78.0	50.0	73 100
14.0	76.8	49.7	65 700
15.0	75.6	49.4	59 400
16.0	74.3	49.2	53 800
18.0	71.9	48.5	44 500
20.0	69.4	47.8	37 100
22.0	66.8	46.9	31 000
24.0	64.2	46.0	26 000
26.0	61.5	44.9	21 600
28.0	58.8	43.7	17 600
30.0	56.0	42.4	14 200
32.0	53.1	40.9	11 300
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	108 000 *
10.0	82.1	53.6	101 500
11.0	81.0	53.5	89 300
12.0	79.8	53.3	79 600
13.0	78.7	53.1	71 300
14.0	77.6	52.9	64 200
15.0	76.4	52.6	58 000
16.0	75.3	52.3	52 600
18.0	73.0	51.7	43 600
20.0	70.6	51.0	36 300
22.0	68.3	50.2	30 400
24.0	65.8	49.4	25 400
26.0	63.4	48.4	21 200
28.0	60.8	47.3	17 600
30.0	58.3	46.0	14 100
32.0	55.6	44.7	11 200
34.0	52.8	43.2	8 700
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	99 000 *
10.0	82.5	56.7	97 000
11.0	81.5	56.6	87 100
12.0	80.4	56.4	77 700
13.0	79.3	56.2	69 700
14.0	78.3	56.0	62 800
15.0	77.2	55.7	56 700
16.0	76.1	55.5	51 500
18.0	74.0	54.9	42 600
20.0	71.8	54.3	35 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
22.0	69.5	53.5	29 600
24.0	67.3	52.7	24 700
26.0	65.0	51.8	20 600
28.0	62.6	50.7	17 000
30.0	60.2	49.6	14 000
32.0	57.8	48.4	11 100
34.0	55.2	47.0	8 600
36.0	52.6	45.5	6 400
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	85 300 *
11.0	81.9	59.7	83 100
12.0	80.9	59.5	76 000
13.0	79.9	59.3	68 100
14.0	78.9	59.1	61 400
15.0	77.9	58.9	55 500
16.0	76.9	58.6	50 300
18.0	74.8	58.1	41 700
20.0	72.8	57.5	34 700
22.0	70.7	56.8	29 000
24.0	68.5	56.0	24 100
26.0	66.4	55.1	20 100
28.0	64.2	54.2	16 600
30.0	61.9	53.1	13 500
32.0	59.7	52.0	10 800
34.0	57.3	50.7	8 500
36.0	54.9	49.3	6 300
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	80 100 *
11.0	82.3	62.7	78 100 *
12.0	81.4	62.6	73 800
13.0	80.4	62.4	66 500
14.0	79.5	62.2	59 900
15.0	78.5	62.0	54 300
16.0	77.5	61.8	49 200
18.0	75.6	61.3	40 700
20.0	73.6	60.7	33 900
22.0	71.7	60.0	28 300
24.0	69.7	59.3	23 500
26.0	67.6	58.5	19 500
28.0	65.6	57.6	16 000
30.0	63.5	56.6	13 000
32.0	61.3	55.5	10 400
34.0	59.2	54.3	8 000
36.0	56.9	53.0	6 000



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	216 400 *
6.5	81.4	26.4	214 000 *
7.0	80.2	26.3	210 900 *
7.5	79.0	26.2	196 600 *
8.0	77.8	26.1	180 200
8.5	76.6	26.0	164 800
9.0	75.4	25.8	151 600
10.0	72.9	25.5	129 800
11.0	70.4	25.1	112 600
12.0	67.8	24.7	98 800
13.0	65.2	24.2	86 600
14.0	62.6	23.7	75 500
15.0	59.8	23.1	66 400
16.0	57.0	22.4	58 700
18.0	51.1	20.8	46 600
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	207 000 *
6.5	82.4	29.5	206 400 *
7.0	81.3	29.4	203 500 *
7.5	80.3	29.3	191 500
8.0	79.2	29.2	173 900
8.5	78.1	29.1	159 500
9.0	77.0	29.0	147 000
10.0	74.9	28.7	126 300
11.0	72.7	28.4	109 900
12.0	70.4	28.0	96 600
13.0	68.2	27.6	85 600
14.0	65.9	27.1	76 100
15.0	63.5	26.6	66 900
16.0	61.1	26.0	59 300
18.0	56.1	24.7	47 100
20.0	50.8	23.1	37 900
22.0	45.0	21.2	30 700
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	197 100 *
7.0	82.2	32.5	195 400 *
7.5	81.2	32.4	184 500
8.0	80.3	32.3	168 000
8.5	79.3	32.2	154 400
9.0	78.4	32.1	142 500
10.0	76.4	31.9	122 800
11.0	74.5	31.6	107 100
12.0	72.5	31.2	94 300
13.0	70.5	30.9	83 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
14.0	68.5	30.5	74 700
15.0	66.4	30.0	67 100
16.0	64.3	29.5	59 900
18.0	60.0	28.4	47 400
20.0	55.4	27.0	38 200
22.0	50.6	25.4	31 000
24.0	45.4	23.5	25 200
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	152 700 *
7.5	82.0	35.5	150 700 *
8.0	81.2	35.4	148 700 *
8.5	80.3	35.3	146 800 *
9.0	79.4	35.2	138 800
10.0	77.7	35.0	119 800
11.0	75.9	34.7	104 800
12.0	74.1	34.4	92 400
13.0	72.3	34.1	82 200
14.0	70.5	33.8	73 500
15.0	68.7	33.3	66 100
16.0	66.8	32.9	59 600
18.0	63.0	31.9	48 100
20.0	59.0	30.7	38 800
22.0	54.9	29.3	31 500
24.0	50.5	27.7	25 700
26.0	45.8	25.8	20 900
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	143 000 *
7.5	82.7	38.6	142 300 *
8.0	81.9	38.5	140 600 *
8.5	81.1	38.4	139 000 *
9.0	80.3	38.3	135 000
10.0	78.7	38.1	116 500
11.0	77.1	37.9	102 100
12.0	75.5	37.6	90 300
13.0	73.9	37.3	80 300
14.0	72.2	37.0	71 900
15.0	70.5	36.6	64 700
16.0	68.9	36.2	58 400
18.0	65.4	35.3	48 000
20.0	61.9	34.3	38 900
22.0	58.2	33.1	31 600
24.0	54.4	31.7	25 800
26.0	50.4	30.0	21 000
28.0	46.1	28.2	17 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	141 700 *
8.0	82.6	41.6	141 500 *
8.5	81.8	41.5	139 900 *
9.0	81.1	41.4	130 500
10.0	79.6	41.3	113 400
11.0	78.1	41.0	99 600
12.0	76.6	40.8	88 200
13.0	75.1	40.5	78 700
14.0	73.6	40.2	70 500
15.0	72.1	39.9	63 500
16.0	70.6	39.5	57 400
18.0	67.4	38.7	47 300
20.0	64.2	37.7	39 200
22.0	60.9	36.6	31 900
24.0	57.5	35.4	26 000
26.0	54.0	34.0	21 200
28.0	50.3	32.3	17 200
30.0	46.3	30.5	13 800
32.0	42.0	28.3	11 000
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	137 500 *
8.5	82.4	44.6	135 700
9.0	81.7	44.5	126 500
10.0	80.4	44.4	110 200
11.0	79.0	44.2	96 900
12.0	77.6	43.9	85 900
13.0	76.2	43.7	76 700
14.0	74.8	43.4	68 800
15.0	73.4	43.1	62 000
16.0	72.0	42.8	56 000
18.0	69.1	42.0	46 100
20.0	66.2	41.1	38 300
22.0	63.2	40.1	31 800
24.0	60.1	39.0	25 900
26.0	56.9	37.7	21 100
28.0	53.6	36.3	17 100
30.0	50.2	34.6	13 700
32.0	46.5	32.8	10 800



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	119 700 *
9.0	82.3	47.6	118 300 *
10.0	81.0	47.5	107 700
11.0	79.7	47.3	94 700
12.0	78.5	47.1	84 100
13.0	77.2	46.8	75 100
14.0	75.9	46.6	67 500
15.0	74.6	46.3	60 800
16.0	73.3	46.0	55 100
18.0	70.6	45.3	45 400
20.0	67.9	44.5	37 700
22.0	65.2	43.6	31 500
24.0	62.3	42.5	26 100
26.0	59.4	41.4	21 300
28.0	56.4	40.0	17 200
30.0	53.3	38.6	13 800
32.0	50.1	36.9	10 900
34.0	46.7	35.1	8 400
36.0	43.0	33.0	6 200
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	115 600 *
9.0	82.8	50.7	115 200 *
10.0	81.6	50.6	104 600
11.0	80.4	50.4	92 100
12.0	79.2	50.2	81 900
13.0	78.0	50.0	73 200
14.0	76.8	49.7	65 800
15.0	75.6	49.4	59 300
16.0	74.3	49.2	53 700
18.0	71.9	48.5	44 300
20.0	69.4	47.8	36 700
22.0	66.8	46.9	30 600
24.0	64.2	46.0	25 400
26.0	61.5	44.9	21 100
28.0	58.8	43.7	17 000
30.0	56.0	42.4	13 600
32.0	53.1	40.9	10 700
34.0	50.0	39.2	8 100
36.0	46.8	37.4	5 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	111 700 *
10.0	82.1	53.6	101 800
11.0	81.0	53.5	89 800
12.0	79.8	53.3	79 900
13.0	78.7	53.1	71 500
14.0	77.6	52.9	64 300
15.0	76.4	52.6	58 000
16.0	75.3	52.3	52 500
18.0	73.0	51.7	43 300
20.0	70.6	51.0	36 000
22.0	68.3	50.2	29 900
24.0	65.8	49.4	24 900
26.0	63.4	48.4	20 600
28.0	60.8	47.3	16 900
30.0	58.3	46.0	13 600
32.0	55.6	44.7	10 700
34.0	52.8	43.2	8 100
36.0	50.0	41.5	5 900
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	102 000
10.0	82.5	56.7	99 000
11.0	81.5	56.6	87 500
12.0	80.4	56.4	78 000
13.0	79.3	56.2	69 900
14.0	78.3	56.0	62 900
15.0	77.2	55.7	56 800
16.0	76.1	55.5	51 400
18.0	74.0	54.9	42 400
20.0	71.8	54.3	35 200
22.0	69.5	53.5	29 200
24.0	67.3	52.7	24 300
26.0	65.0	51.8	20 000
28.0	62.6	50.7	16 400
30.0	60.2	49.6	13 300
32.0	57.8	48.4	10 600
34.0	55.2	47.0	8 000
36.0	52.6	45.5	5 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	88 500 *
11.0	81.9	59.7	85 500
12.0	80.9	59.5	76 200
13.0	79.9	59.3	68 300
14.0	78.9	59.1	61 500
15.0	77.9	58.9	55 500
16.0	76.9	58.6	50 300
18.0	74.8	58.1	41 500
20.0	72.8	57.5	34 400
22.0	70.7	56.8	28 600
24.0	68.5	56.0	23 700
26.0	66.4	55.1	19 500
28.0	64.2	54.2	15 900
30.0	61.9	53.1	12 900
32.0	59.7	52.0	10 200
34.0	57.3	50.7	7 800
36.0	54.9	49.3	5 600
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	81 400
12.0	81.4	62.6	74 600
13.0	80.4	62.4	66 700
14.0	79.5	62.2	60 100
15.0	78.5	62.0	54 300
16.0	77.5	61.8	49 200
18.0	75.6	61.3	40 600
20.0	73.6	60.7	33 600
22.0	71.7	60.0	27 900
24.0	69.7	59.3	23 100
26.0	67.6	58.5	19 000
28.0	65.6	57.6	15 500
30.0	63.5	56.6	12 400
32.0	61.3	55.5	9 700
34.0	59.2	54.3	7 400
36.0	56.9	53.0	5 200



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	213 300 *
6.5	81.4	26.4	210 800 *
7.0	80.2	26.3	207 800 *
7.5	79.0	26.2	194 400
8.0	77.8	26.1	177 000
8.5	76.6	26.0	161 800
9.0	75.4	25.8	148 600
10.0	72.9	25.5	127 000
11.0	70.4	25.1	110 000
12.0	67.8	24.7	96 300
13.0	65.2	24.2	84 400
14.0	62.6	23.7	73 300
15.0	59.8	23.1	64 300
16.0	57.0	22.4	56 600
18.0	51.1	20.8	44 600
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	204 100 *
6.5	82.4	29.5	203 500 *
7.0	81.3	29.4	200 500 *
7.5	80.3	29.3	188 400
8.0	79.2	29.2	171 000
8.5	78.1	29.1	156 700
9.0	77.0	29.0	144 200
10.0	74.9	28.7	123 600
11.0	72.7	28.4	107 400
12.0	70.4	28.0	94 200
13.0	68.2	27.6	83 300
14.0	65.9	27.1	74 000
15.0	63.5	26.6	65 000
16.0	61.1	26.0	57 300
18.0	56.1	24.7	45 200
20.0	50.8	23.1	36 200
22.0	45.0	21.2	29 100
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	194 400 *
7.0	82.2	32.5	192 700 *
7.5	81.2	32.4	181 500
8.0	80.3	32.3	165 200
8.5	79.3	32.2	151 700
9.0	78.4	32.1	139 900
10.0	76.4	31.9	120 300
11.0	74.5	31.6	104 800
12.0	72.5	31.2	92 100
13.0	70.5	30.9	81 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
14.0	68.5	30.5	72 600
15.0	66.4	30.0	65 000
16.0	64.3	29.5	58 000
18.0	60.0	28.4	45 700
20.0	55.4	27.0	36 500
22.0	50.6	25.4	29 400
24.0	45.4	23.5	23 700
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	151 000 *
7.5	82.0	35.5	148 900 *
8.0	81.2	35.4	146 900 *
8.5	80.3	35.3	145 000 *
9.0	79.4	35.2	136 200
10.0	77.7	35.0	117 400
11.0	75.9	34.7	102 500
12.0	74.1	34.4	90 300
13.0	72.3	34.1	80 100
14.0	70.5	33.8	71 500
15.0	68.7	33.3	64 100
16.0	66.8	32.9	57 700
18.0	63.0	31.9	46 400
20.0	59.0	30.7	37 100
22.0	54.9	29.3	29 900
24.0	50.5	27.7	24 200
26.0	45.8	25.8	19 500
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	141 300 *
7.5	82.7	38.6	140 700 *
8.0	81.9	38.5	138 900 *
8.5	81.1	38.4	137 300 *
9.0	80.3	38.3	132 500
10.0	78.7	38.1	114 200
11.0	77.1	37.9	99 900
12.0	75.5	37.6	88 100
13.0	73.9	37.3	78 300
14.0	72.2	37.0	70 000
15.0	70.5	36.6	62 800
16.0	68.9	36.2	56 600
18.0	65.4	35.3	46 300
20.0	61.9	34.3	37 400
22.0	58.2	33.1	30 100
24.0	54.4	31.7	24 300
26.0	50.4	30.0	19 600
28.0	46.1	28.2	15 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	140 100 *
8.0	82.6	41.6	139 900 *
8.5	81.8	41.5	137 700
9.0	81.1	41.4	128 200
10.0	79.6	41.3	111 200
11.0	78.1	41.0	97 500
12.0	76.6	40.8	86 200
13.0	75.1	40.5	76 700
14.0	73.6	40.2	68 600
15.0	72.1	39.9	61 700
16.0	70.6	39.5	55 600
18.0	67.4	38.7	45 600
20.0	64.2	37.7	37 600
22.0	60.9	36.6	30 400
24.0	57.5	35.4	24 600
26.0	54.0	34.0	19 900
28.0	50.3	32.3	15 900
30.0	46.3	30.5	12 600
32.0	42.0	28.3	9 700
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	135 900 *
8.5	82.4	44.6	133 400
9.0	81.7	44.5	124 200
10.0	80.4	44.4	108 000
11.0	79.0	44.2	94 900
12.0	77.6	43.9	84 000
13.0	76.2	43.7	74 800
14.0	74.8	43.4	67 000
15.0	73.4	43.1	60 200
16.0	72.0	42.8	54 300
18.0	69.1	42.0	44 500
20.0	66.2	41.1	36 700
22.0	63.2	40.1	30 300
24.0	60.1	39.0	24 500
26.0	56.9	37.7	19 800
28.0	53.6	36.3	15 800
30.0	50.2	34.6	12 400
32.0	46.5	32.8	9 500



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	118 100 *
9.0	82.3	47.6	116 700 *
10.0	81.0	47.5	105 600
11.0	79.7	47.3	92 700
12.0	78.5	47.1	82 200
13.0	77.2	46.8	73 300
14.0	75.9	46.6	65 700
15.0	74.6	46.3	59 100
16.0	73.3	46.0	53 400
18.0	70.6	45.3	43 800
20.0	67.9	44.5	36 200
22.0	65.2	43.6	29 900
24.0	62.3	42.5	24 700
26.0	59.4	41.4	20 000
28.0	56.4	40.0	16 000
30.0	53.3	38.6	12 600
32.0	50.1	36.9	9 700
34.0	46.7	35.1	7 200
36.0	43.0	33.0	5 000
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	114 000 *
9.0	82.8	50.7	113 600 *
10.0	81.6	50.6	102 500
11.0	80.4	50.4	90 200
12.0	79.2	50.2	80 100
13.0	78.0	50.0	71 400
14.0	76.8	49.7	64 000
15.0	75.6	49.4	57 600
16.0	74.3	49.2	52 000
18.0	71.9	48.5	42 700
20.0	69.4	47.8	35 200
22.0	66.8	46.9	29 100
24.0	64.2	46.0	24 000
26.0	61.5	44.9	19 700
28.0	58.8	43.7	15 800
30.0	56.0	42.4	12 400
32.0	53.1	40.9	9 500
34.0	50.0	39.2	7 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	109 900 *
10.0	82.1	53.6	99 800
11.0	81.0	53.5	87 900
12.0	79.8	53.3	78 100
13.0	78.7	53.1	69 800
14.0	77.6	52.9	62 600
15.0	76.4	52.6	56 400
16.0	75.3	52.3	50 900
18.0	73.0	51.7	41 800
20.0	70.6	51.0	34 500
22.0	68.3	50.2	28 500
24.0	65.8	49.4	23 500
26.0	63.4	48.4	19 300
28.0	60.8	47.3	15 600
30.0	58.3	46.0	12 400
32.0	55.6	44.7	9 500
34.0	52.8	43.2	7 000
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	100 100
10.0	82.5	56.7	97 100
11.0	81.5	56.6	85 700
12.0	80.4	56.4	76 200
13.0	79.3	56.2	68 200
14.0	78.3	56.0	61 200
15.0	77.2	55.7	55 200
16.0	76.1	55.5	49 800
18.0	74.0	54.9	40 900
20.0	71.8	54.3	33 800
22.0	69.5	53.5	27 900
24.0	67.3	52.7	22 900
26.0	65.0	51.8	18 700
28.0	62.6	50.7	15 100
30.0	60.2	49.6	12 000
32.0	57.8	48.4	9 300
34.0	55.2	47.0	6 900
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	86 900 *
11.0	81.9	59.7	83 700
12.0	80.9	59.5	74 500
13.0	79.9	59.3	66 700
14.0	78.9	59.1	59 900
15.0	77.9	58.9	54 000
16.0	76.9	58.6	48 800
18.0	74.8	58.1	40 000
20.0	72.8	57.5	33 000
22.0	70.7	56.8	27 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
24.0	68.5	56.0	22 400
26.0	66.4	55.1	18 300
28.0	64.2	54.2	14 700
30.0	61.9	53.1	11 600
32.0	59.7	52.0	8 900
34.0	57.3	50.7	6 600
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	79 700
12.0	81.4	62.6	72 900
13.0	80.4	62.4	65 100
14.0	79.5	62.2	58 500
15.0	78.5	62.0	52 800
16.0	77.5	61.8	47 700
18.0	75.6	61.3	39 200
20.0	73.6	60.7	32 300
22.0	71.7	60.0	26 600
24.0	69.7	59.3	21 800
26.0	67.6	58.5	17 700
28.0	65.6	57.6	14 200
30.0	63.5	56.6	11 200
32.0	61.3	55.5	8 500
34.0	59.2	54.3	6 200
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	75 300 *
12.0	81.8	65.7	70 800
13.0	80.9	65.5	63 500
14.0	80.0	65.3	57 200
15.0	79.1	65.1	51 600
16.0	78.1	64.9	46 600
18.0	76.3	64.4	38 300
20.0	74.4	63.9	31 500
22.0	72.6	63.2	25 900
24.0	70.7	62.5	21 200
26.0	68.8	61.8	17 200
28.0	66.8	60.9	13 800
30.0	64.8	60.0	10 800
32.0	62.8	59.0	8 100
34.0	60.8	57.9	5 800



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	215 500 *
6.5	81.4	26.4	213 300 *
7.0	80.2	26.3	210 600 *
7.5	79.0	26.2	195 900
8.0	77.8	26.1	178 800
8.5	76.6	26.0	163 300
9.0	75.4	25.8	149 900
10.0	72.9	25.5	127 800
11.0	70.4	25.1	110 400
12.0	67.8	24.7	96 400
13.0	65.2	24.2	84 600
14.0	62.6	23.7	73 300
15.0	59.8	23.1	64 100
16.0	57.0	22.4	56 300
18.0	51.1	20.8	44 000
20.0	44.5	18.9	34 700
22.0	37.0	16.4	26 700
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	210 000 *
6.5	82.4	29.5	209 300 *
7.0	81.3	29.4	206 200 *
7.5	80.3	29.3	190 200
8.0	79.2	29.2	172 800
8.5	78.1	29.1	158 200
9.0	77.0	29.0	145 600
10.0	74.9	28.7	124 600
11.0	72.7	28.4	108 000
12.0	70.4	28.0	94 500
13.0	68.2	27.6	83 300
14.0	65.9	27.1	74 000
15.0	63.5	26.6	65 000
16.0	61.1	26.0	57 200
18.0	56.1	24.7	44 800
20.0	50.8	23.1	35 500
22.0	45.0	21.2	28 200
24.0	38.5	18.8	22 400
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	200 000 *
7.0	82.2	32.5	198 300 *
7.5	81.2	32.4	193 300
8.0	80.3	32.3	167 100
8.5	79.3	32.2	153 300
9.0	78.4	32.1	141 300
10.0	76.4	31.9	121 300
11.0	74.5	31.6	105 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
12.0	72.5	31.2	92 500
13.0	70.5	30.9	81 700
14.0	68.5	30.5	72 700
15.0	66.4	30.0	64 900
16.0	64.3	29.5	57 800
18.0	60.0	28.4	45 400
20.0	55.4	27.0	36 000
22.0	50.6	25.4	28 700
24.0	45.4	23.5	22 900
26.0	39.7	21.2	18 100
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	154 300 *
7.5	82.0	35.5	152 100 *
8.0	81.2	35.4	150 000 *
8.5	80.3	35.3	148 000 *
9.0	79.4	35.2	137 500
10.0	77.7	35.0	118 400
11.0	75.9	34.7	103 300
12.0	74.1	34.4	90 800
13.0	72.3	34.1	80 400
14.0	70.5	33.8	71 600
15.0	68.7	33.3	64 100
16.0	66.8	32.9	57 600
18.0	63.0	31.9	46 200
20.0	59.0	30.7	36 800
22.0	54.9	29.3	29 500
24.0	50.5	27.7	23 600
26.0	45.8	25.8	18 700
28.0	40.6	23.6	14 700
30.0	34.9	20.9	11 300
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	149 000 *
7.5	82.7	38.6	148 400 *
8.0	81.9	38.5	146 600 *
8.5	81.1	38.4	143 800
9.0	80.3	38.3	133 400
10.0	78.7	38.1	115 300
11.0	77.1	37.9	100 700
12.0	75.5	37.6	88 800
13.0	73.9	37.3	78 700
14.0	72.2	37.0	70 200
15.0	70.5	36.6	62 900
16.0	68.9	36.2	56 600
18.0	65.4	35.3	46 100
20.0	61.9	34.3	37 200
22.0	58.2	33.1	29 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
24.0	54.4	31.7	23 900
26.0	50.4	30.0	19 000
28.0	46.1	28.2	14 900
30.0	41.4	26.0	11 500
32.0	36.3	23.4	8 600
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	143 200 *
8.0	82.6	41.6	143 000 *
8.5	81.8	41.5	139 600
9.0	81.1	41.4	129 600
10.0	79.6	41.3	112 400
11.0	78.1	41.0	98 400
12.0	76.6	40.8	86 900
13.0	75.1	40.5	77 200
14.0	73.6	40.2	69 000
15.0	72.1	39.9	61 800
16.0	70.6	39.5	55 600
18.0	67.4	38.7	45 400
20.0	64.2	37.7	37 300
22.0	60.9	36.6	30 200
24.0	57.5	35.4	24 200
26.0	54.0	34.0	19 300
28.0	50.3	32.3	15 300
30.0	46.3	30.5	11 800
32.0	42.0	28.3	8 900
34.0	37.4	25.8	6 400
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	139 000 *
8.5	82.4	44.6	135 300
9.0	81.7	44.5	125 700
10.0	80.4	44.4	109 200
11.0	79.0	44.2	95 800
12.0	77.6	43.9	84 700
13.0	76.2	43.7	75 300
14.0	74.8	43.4	67 300
15.0	73.4	43.1	60 400
16.0	72.0	42.8	54 400
18.0	69.1	42.0	44 400
20.0	66.2	41.1	36 500
22.0	63.2	40.1	30 000
24.0	60.1	39.0	24 200
26.0	56.9	37.7	19 300
28.0	53.6	36.3	15 200
30.0	50.2	34.6	11 800
32.0	46.5	32.8	8 800
34.0	42.6	30.7	6 300

Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

European Standards
10 m/s Maximum Wind

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	121 500 *
9.0	82.3	47.6	120 100 *
10.0	81.0	47.5	106 600
11.0	79.7	47.3	93 700
12.0	78.5	47.1	82 900
13.0	77.2	46.8	73 900
14.0	75.9	46.6	66 100
15.0	74.6	46.3	59 400
16.0	73.3	46.0	53 500
18.0	70.6	45.3	43 800
20.0	67.9	44.5	36 000
22.0	65.2	43.6	29 600
24.0	62.3	42.5	24 400
26.0	59.4	41.4	19 700
28.0	56.4	40.0	15 500
30.0	53.3	38.6	12 100
32.0	50.1	36.9	9 100
34.0	46.7	35.1	6 500
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	117 400 *
9.0	82.8	50.7	116 800
10.0	81.6	50.6	103 500
11.0	80.4	50.4	91 100
12.0	79.2	50.2	80 800
13.0	78.0	50.0	72 000
14.0	76.8	49.7	64 500
15.0	75.6	49.4	58 000
16.0	74.3	49.2	52 200
18.0	71.9	48.5	42 700
20.0	69.4	47.8	35 100
22.0	66.8	46.9	28 800
24.0	64.2	46.0	23 600
26.0	61.5	44.9	19 200
28.0	58.8	43.7	15 400
30.0	56.0	42.4	12 000
32.0	53.1	40.9	9 000
34.0	50.0	39.2	6 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	113 000
10.0	82.1	53.6	100 800
11.0	81.0	53.5	88 900
12.0	79.8	53.3	78 900
13.0	78.7	53.1	70 400
14.0	77.6	52.9	63 100
15.0	76.4	52.6	56 800
16.0	75.3	52.3	51 200
18.0	73.0	51.7	41 900
20.0	70.6	51.0	34 400
22.0	68.3	50.2	28 300
24.0	65.8	49.4	23 200
26.0	63.4	48.4	18 800
28.0	60.8	47.3	15 100
30.0	58.3	46.0	11 900
32.0	55.6	44.7	9 000
34.0	52.8	43.2	6 400
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	101 300
10.0	82.5	56.7	98 300
11.0	81.5	56.6	86 700
12.0	80.4	56.4	77 000
13.0	79.3	56.2	68 800
14.0	78.3	56.0	61 700
15.0	77.2	55.7	55 500
16.0	76.1	55.5	50 100
18.0	74.0	54.9	41 000
20.0	71.8	54.3	33 700
22.0	69.5	53.5	27 600
24.0	67.3	52.7	22 600
26.0	65.0	51.8	18 400
28.0	62.6	50.7	14 700
30.0	60.2	49.6	11 500
32.0	57.8	48.4	8 700
34.0	55.2	47.0	6 300
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	90 800 *
11.0	81.9	59.7	84 600
12.0	80.9	59.5	75 200
13.0	79.9	59.3	67 300
14.0	78.9	59.1	60 400
15.0	77.9	58.9	54 400
16.0	76.9	58.6	49 000
18.0	74.8	58.1	40 200
20.0	72.8	57.5	33 000
22.0	70.7	56.8	27 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
24.0	68.5	56.0	22 100
26.0	66.4	55.1	17 900
28.0	64.2	54.2	14 300
30.0	61.9	53.1	11 200
32.0	59.7	52.0	8 400
34.0	57.3	50.7	6 000
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	81 400
12.0	81.4	62.6	73 600
13.0	80.4	62.4	65 700
14.0	79.5	62.2	59 000
15.0	78.5	62.0	53 200
16.0	77.5	61.8	48 000
18.0	75.6	61.3	39 300
20.0	73.6	60.7	32 300
22.0	71.7	60.0	26 500
24.0	69.7	59.3	21 600
26.0	67.6	58.5	17 500
28.0	65.6	57.6	13 900
30.0	63.5	56.6	10 800
32.0	61.3	55.5	8 000
34.0	59.2	54.3	5 600
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	79 600 *
12.0	81.8	65.7	71 800
13.0	80.9	65.5	64 200
14.0	80.0	65.3	57 700
15.0	79.1	65.1	52 000
16.0	78.1	64.9	46 900
18.0	76.3	64.4	38 400
20.0	74.4	63.9	31 500
22.0	72.6	63.2	25 800
24.0	70.7	62.5	21 000
26.0	68.8	61.8	17 000
28.0	66.8	60.9	13 400
30.0	64.8	60.0	10 400
32.0	62.8	59.0	7 700



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	214 000 *
6.5	81.4	26.4	211 600 *
7.0	80.2	26.3	208 400 *
7.5	79.0	26.2	194 200
8.0	77.8	26.1	176 500
8.5	76.6	26.0	161 000
9.0	75.4	25.8	147 700
10.0	72.9	25.5	125 700
11.0	70.4	25.1	108 400
12.0	67.8	24.7	94 500
13.0	65.2	24.2	82 800
14.0	62.6	23.7	71 700
15.0	59.8	23.1	62 500
16.0	57.0	22.4	54 700
18.0	51.1	20.8	42 500
20.0	44.5	18.9	33 300
22.0	37.0	16.4	25 300
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	208 100 *
6.5	82.4	29.5	207 500 *
7.0	81.3	29.4	204 200 *
7.5	80.3	29.3	187 900
8.0	79.2	29.2	170 700
8.5	78.1	29.1	156 100
9.0	77.0	29.0	143 500
10.0	74.9	28.7	122 600
11.0	72.7	28.4	106 100
12.0	70.4	28.0	92 700
13.0	68.2	27.6	81 600
14.0	65.9	27.1	72 300
15.0	63.5	26.6	63 500
16.0	61.1	26.0	55 600
18.0	56.1	24.7	43 400
20.0	50.8	23.1	34 100
22.0	45.0	21.2	26 900
24.0	38.5	18.8	21 200
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	198 400 *
7.0	82.2	32.5	196 500 *
7.5	81.2	32.4	181 200
8.0	80.3	32.3	165 000
8.5	79.3	32.2	151 300
9.0	78.4	32.1	139 400
10.0	76.4	31.9	119 500
11.0	74.5	31.6	103 700
12.0	72.5	31.2	90 800
13.0	70.5	30.9	80 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
14.0	68.5	30.5	71 100
15.0	66.4	30.0	63 400
16.0	64.3	29.5	56 400
18.0	60.0	28.4	44 100
20.0	55.4	27.0	34 800
22.0	50.6	25.4	27 500
24.0	45.4	23.5	21 700
26.0	39.7	21.2	16 900
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	153 200 *
7.5	82.0	35.5	150 900 *
8.0	81.2	35.4	148 800 *
8.5	80.3	35.3	146 400
9.0	79.4	35.2	135 600
10.0	77.7	35.0	116 700
11.0	75.9	34.7	101 600
12.0	74.1	34.4	89 200
13.0	72.3	34.1	78 900
14.0	70.5	33.8	70 200
15.0	68.7	33.3	62 700
16.0	66.8	32.9	56 200
18.0	63.0	31.9	45 000
20.0	59.0	30.7	35 600
22.0	54.9	29.3	28 300
24.0	50.5	27.7	22 400
26.0	45.8	25.8	17 600
28.0	40.6	23.6	13 600
30.0	34.9	20.9	10 300
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	148 200 *
7.5	82.7	38.6	147 500 *
8.0	81.9	38.5	145 700 *
8.5	81.1	38.4	142 100
9.0	80.3	38.3	131 700
10.0	78.7	38.1	113 700
11.0	77.1	37.9	99 200
12.0	75.5	37.6	87 300
13.0	73.9	37.3	77 300
14.0	72.2	37.0	68 800
15.0	70.5	36.6	61 500
16.0	68.9	36.2	55 200
18.0	65.4	35.3	44 700
20.0	61.9	34.3	36 000
22.0	58.2	33.1	28 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
24.0	54.4	31.7	22 800
26.0	50.4	30.0	17 900
28.0	46.1	28.2	13 900
30.0	41.4	26.0	10 500
32.0	36.3	23.4	7 600
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	142 200 *
8.0	82.6	41.6	141 900 *
8.5	81.8	41.5	138 000
9.0	81.1	41.4	128 000
10.0	79.6	41.3	110 800
11.0	78.1	41.0	96 900
12.0	76.6	40.8	85 400
13.0	75.1	40.5	75 800
14.0	73.6	40.2	67 600
15.0	72.1	39.9	60 500
16.0	70.6	39.5	54 300
18.0	67.4	38.7	44 200
20.0	64.2	37.7	36 100
22.0	60.9	36.6	29 100
24.0	57.5	35.4	23 200
26.0	54.0	34.0	18 300
28.0	50.3	32.3	14 300
30.0	46.3	30.5	10 900
32.0	42.0	28.3	8 000
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	138 000 *
8.5	82.4	44.6	133 700
9.0	81.7	44.5	124 100
10.0	80.4	44.4	107 700
11.0	79.0	44.2	94 400
12.0	77.6	43.9	83 300
13.0	76.2	43.7	74 000
14.0	74.8	43.4	66 100
15.0	73.4	43.1	59 200
16.0	72.0	42.8	53 100
18.0	69.1	42.0	43 200
20.0	66.2	41.1	35 300
22.0	63.2	40.1	28 900
24.0	60.1	39.0	23 300
26.0	56.9	37.7	18 300
28.0	53.6	36.3	14 300
30.0	50.2	34.6	10 900
32.0	46.5	32.8	7 900



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	120 500 *
9.0	82.3	47.6	119 000
10.0	81.0	47.5	105 100
11.0	79.7	47.3	92 300
12.0	78.5	47.1	81 600
13.0	77.2	46.8	72 600
14.0	75.9	46.6	64 900
15.0	74.6	46.3	58 200
16.0	73.3	46.0	52 400
18.0	70.6	45.3	42 600
20.0	67.9	44.5	34 900
22.0	65.2	43.6	28 500
24.0	62.3	42.5	23 300
26.0	59.4	41.4	18 700
28.0	56.4	40.0	14 600
30.0	53.3	38.6	11 200
32.0	50.1	36.9	8 300
34.0	46.7	35.1	5 700
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	116 400 *
9.0	82.8	50.7	115 600
10.0	81.6	50.6	102 100
11.0	80.4	50.4	89 800
12.0	79.2	50.2	79 500
13.0	78.0	50.0	70 800
14.0	76.8	49.7	63 300
15.0	75.6	49.4	56 800
16.0	74.3	49.2	51 100
18.0	71.9	48.5	41 600
20.0	69.4	47.8	34 000
22.0	66.8	46.9	27 800
24.0	64.2	46.0	22 600
26.0	61.5	44.9	18 300
28.0	58.8	43.7	14 500
30.0	56.0	42.4	11 100
32.0	53.1	40.9	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	111 600
10.0	82.1	53.6	99 400
11.0	81.0	53.5	87 600
12.0	79.8	53.3	77 600
13.0	78.7	53.1	69 200
14.0	77.6	52.9	62 000
15.0	76.4	52.6	55 600
16.0	75.3	52.3	50 100
18.0	73.0	51.7	40 800
20.0	70.6	51.0	33 400
22.0	68.3	50.2	27 300
24.0	65.8	49.4	22 200
26.0	63.4	48.4	17 900
28.0	60.8	47.3	14 200
30.0	58.3	46.0	11 000
32.0	55.6	44.7	8 200
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	100 000
10.0	82.5	56.7	97 000
11.0	81.5	56.6	85 400
12.0	80.4	56.4	75 800
13.0	79.3	56.2	67 600
14.0	78.3	56.0	60 600
15.0	77.2	55.7	54 400
16.0	76.1	55.5	49 000
18.0	74.0	54.9	40 000
20.0	71.8	54.3	32 700
22.0	69.5	53.5	26 700
24.0	67.3	52.7	21 700
26.0	65.0	51.8	17 400
28.0	62.6	50.7	13 800
30.0	60.2	49.6	10 600
32.0	57.8	48.4	7 800
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	89 700 *
11.0	81.9	59.7	83 400
12.0	80.9	59.5	74 100
13.0	79.9	59.3	66 100
14.0	78.9	59.1	59 300
15.0	77.9	58.9	53 300
16.0	76.9	58.6	48 000
18.0	74.8	58.1	39 200
20.0	72.8	57.5	32 000
22.0	70.7	56.8	26 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
24.0	68.5	56.0	21 200
26.0	66.4	55.1	17 000
28.0	64.2	54.2	13 400
30.0	61.9	53.1	10 300
32.0	59.7	52.0	7 500
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	81 300
12.0	81.4	62.6	72 300
13.0	80.4	62.4	64 600
14.0	79.5	62.2	58 000
15.0	78.5	62.0	52 100
16.0	77.5	61.8	47 000
18.0	75.6	61.3	38 300
20.0	73.6	60.7	31 300
22.0	71.7	60.0	25 500
24.0	69.7	59.3	20 700
26.0	67.6	58.5	16 600
28.0	65.6	57.6	13 000
30.0	63.5	56.6	9 900
32.0	61.3	55.5	7 200
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	78 600 *
12.0	81.8	65.7	70 700
13.0	80.9	65.5	63 100
14.0	80.0	65.3	56 600
15.0	79.1	65.1	51 000
16.0	78.1	64.9	45 900
18.0	76.3	64.4	37 400
20.0	74.4	63.9	30 600
22.0	72.6	63.2	24 900
24.0	70.7	62.5	20 100
26.0	68.8	61.8	16 100
28.0	66.8	60.9	12 600
30.0	64.8	60.0	9 500
32.0	62.8	59.0	6 800



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	211 500 *
6.5	81.4	26.4	208 700 *
7.0	80.2	26.3	205 400 *
7.5	79.0	26.2	192 100
8.0	77.8	26.1	173 500
8.5	76.6	26.0	158 200
9.0	75.4	25.8	144 900
10.0	72.9	25.5	123 000
11.0	70.4	25.1	105 800
12.0	67.8	24.7	91 900
13.0	65.2	24.2	80 300
14.0	62.6	23.7	69 500
15.0	59.8	23.1	60 300
16.0	57.0	22.4	52 600
18.0	51.1	20.8	40 400
20.0	44.5	18.9	31 200
22.0	37.0	16.4	23 300
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	205 500 *
6.5	82.4	29.5	204 900 *
7.0	81.3	29.4	201 500 *
7.5	80.3	29.3	185 100
8.0	79.2	29.2	167 900
8.5	78.1	29.1	153 500
9.0	77.0	29.0	140 900
10.0	74.9	28.7	120 100
11.0	72.7	28.4	103 700
12.0	70.4	28.0	90 400
13.0	68.2	27.6	79 300
14.0	65.9	27.1	70 000
15.0	63.5	26.6	61 500
16.0	61.1	26.0	53 700
18.0	56.1	24.7	41 500
20.0	50.8	23.1	32 300
22.0	45.0	21.2	25 100
24.0	38.5	18.8	19 400
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	195 900 *
7.0	82.2	32.5	194 000 *
7.5	81.2	32.4	178 500
8.0	80.3	32.3	162 400
8.5	79.3	32.2	148 800
9.0	78.4	32.1	136 900
10.0	76.4	31.9	117 100
11.0	74.5	31.6	101 400
12.0	72.5	31.2	88 600
13.0	70.5	30.9	77 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
14.0	68.5	30.5	69 000
15.0	66.4	30.0	61 300
16.0	64.3	29.5	54 400
18.0	60.0	28.4	42 300
20.0	55.4	27.0	33 000
22.0	50.6	25.4	25 800
24.0	45.4	23.5	20 000
26.0	39.7	21.2	15 300
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	151 500 *
7.5	82.0	35.5	149 300 *
8.0	81.2	35.4	147 100 *
8.5	80.3	35.3	144 100
9.0	79.4	35.2	133 300
10.0	77.7	35.0	114 500
11.0	75.9	34.7	99 500
12.0	74.1	34.4	87 100
13.0	72.3	34.1	76 800
14.0	70.5	33.8	68 100
15.0	68.7	33.3	60 700
16.0	66.8	32.9	54 200
18.0	63.0	31.9	43 200
20.0	59.0	30.7	33 900
22.0	54.9	29.3	26 600
24.0	50.5	27.7	20 800
26.0	45.8	25.8	16 000
28.0	40.6	23.6	12 100
30.0	34.9	20.9	8 700
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	146 900 *
7.5	82.7	38.6	146 200 *
8.0	81.9	38.5	144 400 *
8.5	81.1	38.4	140 000
9.0	80.3	38.3	129 500
10.0	78.7	38.1	111 500
11.0	77.1	37.9	97 100
12.0	75.5	37.6	85 200
13.0	73.9	37.3	75 300
14.0	72.2	37.0	66 900
15.0	70.5	36.6	59 600
16.0	68.9	36.2	53 300
18.0	65.4	35.3	42 900
20.0	61.9	34.3	34 400
22.0	58.2	33.1	27 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
24.0	54.4	31.7	21 200
26.0	50.4	30.0	16 400
28.0	46.1	28.2	12 400
30.0	41.4	26.0	9 000
32.0	36.3	23.4	6 200
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	140 700 *
8.0	82.6	41.6	140 400 *
8.5	81.8	41.5	135 900
9.0	81.1	41.4	125 900
10.0	79.6	41.3	108 700
11.0	78.1	41.0	94 900
12.0	76.6	40.8	83 500
13.0	75.1	40.5	73 900
14.0	73.6	40.2	65 700
15.0	72.1	39.9	58 700
16.0	70.6	39.5	52 500
18.0	67.4	38.7	42 400
20.0	64.2	37.7	34 400
22.0	60.9	36.6	27 600
24.0	57.5	35.4	21 700
26.0	54.0	34.0	16 900
28.0	50.3	32.3	12 900
30.0	46.3	30.5	9 500
32.0	42.0	28.3	6 600
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	136 500 *
8.5	82.4	44.6	131 700
9.0	81.7	44.5	122 100
10.0	80.4	44.4	105 700
11.0	79.0	44.2	92 400
12.0	77.6	43.9	81 400
13.0	76.2	43.7	72 200
14.0	74.8	43.4	64 200
15.0	73.4	43.1	57 400
16.0	72.0	42.8	51 400
18.0	69.1	42.0	41 500
20.0	66.2	41.1	33 700
22.0	63.2	40.1	27 300
24.0	60.1	39.0	21 800
26.0	56.9	37.7	16 900
28.0	53.6	36.3	12 900
30.0	50.2	34.6	9 500
32.0	46.5	32.8	6 600



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	119 100 *
9.0	82.3	47.6	117 200
10.0	81.0	47.5	103 200
11.0	79.7	47.3	90 400
12.0	78.5	47.1	79 800
13.0	77.2	46.8	70 800
14.0	75.9	46.6	63 100
15.0	74.6	46.3	56 500
16.0	73.3	46.0	50 700
18.0	70.6	45.3	41 000
20.0	67.9	44.5	33 300
22.0	65.2	43.6	27 000
24.0	62.3	42.5	21 800
26.0	59.4	41.4	17 300
28.0	56.4	40.0	13 300
30.0	53.3	38.6	9 800
32.0	50.1	36.9	6 900
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	115 000 *
9.0	82.8	50.7	113 900
10.0	81.6	50.6	100 300
11.0	80.4	50.4	88 000
12.0	79.2	50.2	77 700
13.0	78.0	50.0	69 000
14.0	76.8	49.7	61 600
15.0	75.6	49.4	55 100
16.0	74.3	49.2	49 400
18.0	71.9	48.5	40 000
20.0	69.4	47.8	32 500
22.0	66.8	46.9	26 300
24.0	64.2	46.0	21 100
26.0	61.5	44.9	16 800
28.0	58.8	43.7	13 100
30.0	56.0	42.4	9 800
32.0	53.1	40.9	6 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	109 700
10.0	82.1	53.6	97 600
11.0	81.0	53.5	85 800
12.0	79.8	53.3	75 900
13.0	78.7	53.1	67 500
14.0	77.6	52.9	60 300
15.0	76.4	52.6	54 000
16.0	75.3	52.3	48 500
18.0	73.0	51.7	39 300
20.0	70.6	51.0	31 800
22.0	68.3	50.2	25 800
24.0	65.8	49.4	20 700
26.0	63.4	48.4	16 400
28.0	60.8	47.3	12 800
30.0	58.3	46.0	9 600
32.0	55.6	44.7	6 800
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	98 200
10.0	82.5	56.7	95 200
11.0	81.5	56.6	83 700
12.0	80.4	56.4	74 100
13.0	79.3	56.2	66 000
14.0	78.3	56.0	59 000
15.0	77.2	55.7	52 800
16.0	76.1	55.5	47 400
18.0	74.0	54.9	38 400
20.0	71.8	54.3	31 200
22.0	69.5	53.5	25 200
24.0	67.3	52.7	20 200
26.0	65.0	51.8	16 000
28.0	62.6	50.7	12 400
30.0	60.2	49.6	9 300
32.0	57.8	48.4	6 500
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	88 200 *
11.0	81.9	59.7	81 700
12.0	80.9	59.5	72 400
13.0	79.9	59.3	64 500
14.0	78.9	59.1	57 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
15.0	77.9	58.9	51 800
16.0	76.9	58.6	46 500
18.0	74.8	58.1	37 700
20.0	72.8	57.5	30 500
22.0	70.7	56.8	24 700
24.0	68.5	56.0	19 800
26.0	66.4	55.1	15 600
28.0	64.2	54.2	12 000
30.0	61.9	53.1	8 900
32.0	59.7	52.0	6 200
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	79 800
12.0	81.4	62.6	70 700
13.0	80.4	62.4	63 100
14.0	79.5	62.2	56 400
15.0	78.5	62.0	50 600
16.0	77.5	61.8	45 500
18.0	75.6	61.3	36 900
20.0	73.6	60.7	29 900
22.0	71.7	60.0	24 100
24.0	69.7	59.3	19 300
26.0	67.6	58.5	15 200
28.0	65.6	57.6	11 700
30.0	63.5	56.6	8 600
32.0	61.3	55.5	5 900
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	77 100 *
12.0	81.8	65.7	69 100
13.0	80.9	65.5	61 600
14.0	80.0	65.3	55 100
15.0	79.1	65.1	49 500
16.0	78.1	64.9	44 500
18.0	76.3	64.4	36 000
20.0	74.4	63.9	29 200
22.0	72.6	63.2	23 500
24.0	70.7	62.5	18 800
26.0	68.8	61.8	14 700
28.0	66.8	60.9	11 300
30.0	64.8	60.0	8 300
32.0	62.8	59.0	5 600



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating Wind Speed 10 m/s

Boom No. 44 With Heavy Lift Top
 Luffing Jib No. 133 or No. 133A
 94 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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	208 800 *
6.5	81.4	26.4	206 000 *
7.0	80.2	26.3	202 600 *
7.5	79.0	26.2	189 200
8.0	77.8	26.1	170 500
8.5	76.6	26.0	155 200
9.0	75.4	25.8	142 000
10.0	72.9	25.5	120 300
11.0	70.4	25.1	103 200
12.0	67.8	24.7	89 400
13.0	65.2	24.2	77 900
14.0	62.6	23.7	67 200
15.0	59.8	23.1	58 100
16.0	57.0	22.4	50 500
18.0	51.1	20.8	38 400
20.0	44.5	18.9	29 300
22.0	37.0	16.4	21 300
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	203 100 *
6.5	82.4	29.5	202 400 *
7.0	81.3	29.4	199 000 *
7.5	80.3	29.3	182 100
8.0	79.2	29.2	165 100
8.5	78.1	29.1	150 700
9.0	77.0	29.0	138 200
10.0	74.9	28.7	117 500
11.0	72.7	28.4	101 200
12.0	70.4	28.0	88 000
13.0	68.2	27.6	77 000
14.0	65.9	27.1	67 800
15.0	63.5	26.6	59 400
16.0	61.1	26.0	51 700
18.0	56.1	24.7	39 600
20.0	50.8	23.1	30 400
22.0	45.0	21.2	23 300
24.0	38.5	18.8	17 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	193 600 *
7.0	82.2	32.5	191 700 *
7.5	81.2	32.4	175 600
8.0	80.3	32.3	159 800
8.5	79.3	32.2	146 200
9.0	78.4	32.1	134 400
10.0	76.4	31.9	114 700
11.0	74.5	31.6	99 100
12.0	72.5	31.2	86 300
13.0	70.5	30.9	75 700
14.0	68.5	30.5	66 800
15.0	66.4	30.0	59 200
16.0	64.3	29.5	52 400
18.0	60.0	28.4	40 500
20.0	55.4	27.0	31 200
22.0	50.6	25.4	24 100
24.0	45.4	23.5	18 300
26.0	39.7	21.2	13 600
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	150 000 *
7.5	82.0	35.5	147 800 *
8.0	81.2	35.4	145 500 *
8.5	80.3	35.3	141 800
9.0	79.4	35.2	130 900
10.0	77.7	35.0	112 200
11.0	75.9	34.7	97 200
12.0	74.1	34.4	85 000
13.0	72.3	34.1	74 800
14.0	70.5	33.8	66 100
15.0	68.7	33.3	58 700
16.0	66.8	32.9	52 200
18.0	63.0	31.9	41 400
20.0	59.0	30.7	32 300
22.0	54.9	29.3	25 000
24.0	50.5	27.7	19 200
26.0	45.8	25.8	14 500
28.0	40.6	23.6	10 600
30.0	34.9	20.9	7 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	145 700 *
7.5	82.7	38.6	145 000 *
8.0	81.9	38.5	143 200 *
8.5	81.1	38.4	137 800
9.0	80.3	38.3	127 200
10.0	78.7	38.1	109 300
11.0	77.1	37.9	95 000
12.0	75.5	37.6	83 200
13.0	73.9	37.3	73 300
14.0	72.2	37.0	64 900
15.0	70.5	36.6	57 700
16.0	68.9	36.2	51 400
18.0	65.4	35.3	41 100
20.0	61.9	34.3	32 800
22.0	58.2	33.1	25 500
24.0	54.4	31.7	19 700
26.0	50.4	30.0	14 900
28.0	46.1	28.2	11 000
30.0	41.4	26.0	7 600
32.0	36.3	23.4	4 800
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	139 200 *
8.0	82.6	41.6	138 900 *
8.5	81.8	41.5	133 800
9.0	81.1	41.4	123 700
10.0	79.6	41.3	106 600
11.0	78.1	41.0	92 900
12.0	76.6	40.8	81 500
13.0	75.1	40.5	72 000
14.0	73.6	40.2	63 900
15.0	72.1	39.9	56 900
16.0	70.6	39.5	50 800
18.0	67.4	38.7	40 700
20.0	64.2	37.7	32 700
22.0	60.9	36.6	26 100
24.0	57.5	35.4	20 300
26.0	54.0	34.0	15 400
28.0	50.3	32.3	11 500
30.0	46.3	30.5	8 100
32.0	42.0	28.3	5 200



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	135 100 *
8.5	82.4	44.6	129 600
9.0	81.7	44.5	120 000
10.0	80.4	44.4	103 700
11.0	79.0	44.2	90 500
12.0	77.6	43.9	79 500
13.0	76.2	43.7	70 300
14.0	74.8	43.4	62 400
15.0	73.4	43.1	55 700
16.0	72.0	42.8	49 700
18.0	69.1	42.0	39 900
20.0	66.2	41.1	32 000
22.0	63.2	40.1	25 700
24.0	60.1	39.0	20 300
26.0	56.9	37.7	15 600
28.0	53.6	36.3	11 600
30.0	50.2	34.6	8 200
32.0	46.5	32.8	5 300
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	117 700 *
9.0	82.3	47.6	115 600
10.0	81.0	47.5	101 200
11.0	79.7	47.3	88 500
12.0	78.5	47.1	78 000
13.0	77.2	46.8	69 000
14.0	75.9	46.6	61 400
15.0	74.6	46.3	54 800
16.0	73.3	46.0	49 000
18.0	70.6	45.3	39 400
20.0	67.9	44.5	31 700
22.0	65.2	43.6	25 400
24.0	62.3	42.5	20 200
26.0	59.4	41.4	15 900
28.0	56.4	40.0	12 000
30.0	53.3	38.6	8 600
32.0	50.1	36.9	5 700
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	113 700 *
9.0	82.8	50.7	112 200
10.0	81.6	50.6	98 400
11.0	80.4	50.4	86 200
12.0	79.2	50.2	76 000
13.0	78.0	50.0	67 300
14.0	76.8	49.7	59 900
15.0	75.6	49.4	53 500
16.0	74.3	49.2	47 800
18.0	71.9	48.5	38 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
20.0	69.4	47.8	30 900
22.0	66.8	46.9	24 800
24.0	64.2	46.0	19 700
26.0	61.5	44.9	15 300
28.0	58.8	43.7	11 700
30.0	56.0	42.4	8 500
32.0	53.1	40.9	5 600
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	107 900
10.0	82.1	53.6	95 800
11.0	81.0	53.5	84 100
12.0	79.8	53.3	74 200
13.0	78.7	53.1	65 900
14.0	77.6	52.9	58 600
15.0	76.4	52.6	52 400
16.0	75.3	52.3	46 900
18.0	73.0	51.7	37 700
20.0	70.6	51.0	30 400
22.0	68.3	50.2	24 300
24.0	65.8	49.4	19 300
26.0	63.4	48.4	15 100
28.0	60.8	47.3	11 400
30.0	58.3	46.0	8 300
32.0	55.6	44.7	5 500
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	96 500
10.0	82.5	56.7	93 400
11.0	81.5	56.6	82 000
12.0	80.4	56.4	72 500
13.0	79.3	56.2	64 400
14.0	78.3	56.0	57 400
15.0	77.2	55.7	51 300
16.0	76.1	55.5	46 000
18.0	74.0	54.9	36 900
20.0	71.8	54.3	29 800
22.0	69.5	53.5	23 800
24.0	67.3	52.7	18 900
26.0	65.0	51.8	14 600
28.0	62.6	50.7	11 000
30.0	60.2	49.6	7 900
32.0	57.8	48.4	5 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	86 700
11.0	81.9	59.7	80 000
12.0	80.9	59.5	70 800
13.0	79.9	59.3	63 000
14.0	78.9	59.1	56 200
15.0	77.9	58.9	50 200
16.0	76.9	58.6	45 000
18.0	74.8	58.1	36 200
20.0	72.8	57.5	29 200
22.0	70.7	56.8	23 300
24.0	68.5	56.0	18 500
26.0	66.4	55.1	14 300
28.0	64.2	54.2	10 800
30.0	61.9	53.1	7 700
32.0	59.7	52.0	4 900
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	78 100
12.0	81.4	62.6	69 200
13.0	80.4	62.4	61 500
14.0	79.5	62.2	54 900
15.0	78.5	62.0	49 200
16.0	77.5	61.8	44 100
18.0	75.6	61.3	35 500
20.0	73.6	60.7	28 600
22.0	71.7	60.0	22 800
24.0	69.7	59.3	18 000
26.0	67.6	58.5	13 900
28.0	65.6	57.6	10 400
30.0	63.5	56.6	7 300
32.0	61.3	55.5	4 700
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	75 600 *
12.0	81.8	65.7	67 500
13.0	80.9	65.5	60 100
14.0	80.0	65.3	53 600
15.0	79.1	65.1	48 000
16.0	78.1	64.9	43 100
18.0	76.3	64.4	34 700
20.0	74.4	63.9	27 900
22.0	72.6	63.2	22 300
24.0	70.7	62.5	17 500
26.0	68.8	61.8	13 500
28.0	66.8	60.9	10 000
30.0	64.8	60.0	7 000



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	205 800 *
6.5	81.4	26.4	203 000 *
7.0	80.2	26.3	199 500 *
7.5	79.0	26.2	185 900
8.0	77.8	26.1	167 400
8.5	76.6	26.0	152 100
9.0	75.4	25.8	139 000
10.0	72.9	25.5	117 300
11.0	70.4	25.1	100 400
12.0	67.8	24.7	86 600
13.0	65.2	24.2	75 300
14.0	62.6	23.7	64 900
15.0	59.8	23.1	55 800
16.0	57.0	22.4	48 200
18.0	51.1	20.8	36 200
20.0	44.5	18.9	27 100
22.0	37.0	16.4	19 200
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	200 300 *
6.5	82.4	29.5	199 600 *
7.0	81.3	29.4	196 100 *
7.5	80.3	29.3	179 000
8.0	79.2	29.2	162 100
8.5	78.1	29.1	147 800
9.0	77.0	29.0	135 400
10.0	74.9	28.7	114 800
11.0	72.7	28.4	98 600
12.0	70.4	28.0	85 400
13.0	68.2	27.6	74 500
14.0	65.9	27.1	65 300
15.0	63.5	26.6	57 200
16.0	61.1	26.0	49 600
18.0	56.1	24.7	37 500
20.0	50.8	23.1	28 400
22.0	45.0	21.2	21 400
24.0	38.5	18.8	15 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	191 000 *
7.0	82.2	32.5	189 100 *
7.5	81.2	32.4	172 700
8.0	80.3	32.3	157 000
8.5	79.3	32.2	143 500
9.0	78.4	32.1	131 700
10.0	76.4	31.9	112 200
11.0	74.5	31.6	96 600
12.0	72.5	31.2	83 900
13.0	70.5	30.9	73 400
14.0	68.5	30.5	64 500
15.0	66.4	30.0	56 900
16.0	64.3	29.5	50 200
18.0	60.0	28.4	38 600
20.0	55.4	27.0	29 300
22.0	50.6	25.4	22 200
24.0	45.4	23.5	16 500
26.0	39.7	21.2	11 900
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	148 300 *
7.5	82.0	35.5	146 000 *
8.0	81.2	35.4	143 800 *
8.5	80.3	35.3	139 300
9.0	79.4	35.2	128 400
10.0	77.7	35.0	109 800
11.0	75.9	34.7	94 900
12.0	74.1	34.4	82 700
13.0	72.3	34.1	72 500
14.0	70.5	33.8	63 900
15.0	68.7	33.3	56 500
16.0	66.8	32.9	50 100
18.0	63.0	31.9	39 500
20.0	59.0	30.7	30 400
22.0	54.9	29.3	23 300
24.0	50.5	27.7	17 500
26.0	45.8	25.8	12 800
28.0	40.6	23.6	8 900
30.0	34.9	20.9	5 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	144 200 *
7.5	82.7	38.6	143 600 *
8.0	81.9	38.5	141 700 *
8.5	81.1	38.4	135 500
9.0	80.3	38.3	124 700
10.0	78.7	38.1	107 000
11.0	77.1	37.9	92 700
12.0	75.5	37.6	81 000
13.0	73.9	37.3	71 200
14.0	72.2	37.0	62 800
15.0	70.5	36.6	55 700
16.0	68.9	36.2	49 400
18.0	65.4	35.3	39 100
20.0	61.9	34.3	31 000
22.0	58.2	33.1	23 800
24.0	54.4	31.7	18 000
26.0	50.4	30.0	13 300
28.0	46.1	28.2	9 400
30.0	41.4	26.0	6 000
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	137 600 *
8.0	82.6	41.6	137 300 *
8.5	81.8	41.5	131 600
9.0	81.1	41.4	121 300
10.0	79.6	41.3	104 400
11.0	78.1	41.0	90 700
12.0	76.6	40.8	79 400
13.0	75.1	40.5	69 900
14.0	73.6	40.2	61 900
15.0	72.1	39.9	54 900
16.0	70.6	39.5	48 800
18.0	67.4	38.7	38 800
20.0	64.2	37.7	30 900
22.0	60.9	36.6	24 400
24.0	57.5	35.4	18 700
26.0	54.0	34.0	13 900
28.0	50.3	32.3	9 900
30.0	46.3	30.5	6 600



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	133 000
8.5	82.4	44.6	127 400
9.0	81.7	44.5	117 700
10.0	80.4	44.4	101 500
11.0	79.0	44.2	88 400
12.0	77.6	43.9	77 500
13.0	76.2	43.7	68 300
14.0	74.8	43.4	60 500
15.0	73.4	43.1	53 700
16.0	72.0	42.8	47 800
18.0	69.1	42.0	38 000
20.0	66.2	41.1	30 300
22.0	63.2	40.1	23 900
24.0	60.1	39.0	18 700
26.0	56.9	37.7	14 000
28.0	53.6	36.3	10 100
30.0	50.2	34.6	6 700
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	116 100 *
9.0	82.3	47.6	113 800
10.0	81.0	47.5	99 100
11.0	79.7	47.3	86 500
12.0	78.5	47.1	76 000
13.0	77.2	46.8	67 100
14.0	75.9	46.6	59 500
15.0	74.6	46.3	52 900
16.0	73.3	46.0	47 100
18.0	70.6	45.3	37 600
20.0	67.9	44.5	30 000
22.0	65.2	43.6	23 800
24.0	62.3	42.5	18 600
26.0	59.4	41.4	14 200
28.0	56.4	40.0	10 500
30.0	53.3	38.6	7 200
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	112 100 *
9.0	82.8	50.7	110 400
10.0	81.6	50.6	96 400
11.0	80.4	50.4	84 200
12.0	79.2	50.2	74 100
13.0	78.0	50.0	65 500
14.0	76.8	49.7	58 100
15.0	75.6	49.4	51 700
16.0	74.3	49.2	46 100
18.0	71.9	48.5	36 800
20.0	69.4	47.8	29 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
22.0	66.8	46.9	23 200
24.0	64.2	46.0	18 100
26.0	61.5	44.9	13 800
28.0	58.8	43.7	10 100
30.0	56.0	42.4	6 900
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	105 900
10.0	82.1	53.6	93 900
11.0	81.0	53.5	82 200
12.0	79.8	53.3	72 400
13.0	78.7	53.1	64 100
14.0	77.6	52.9	56 900
15.0	76.4	52.6	50 700
16.0	75.3	52.3	45 200
18.0	73.0	51.7	36 100
20.0	70.6	51.0	28 800
22.0	68.3	50.2	22 700
24.0	65.8	49.4	17 700
26.0	63.4	48.4	13 500
28.0	60.8	47.3	9 900
30.0	58.3	46.0	6 800
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	94 500
10.0	82.5	56.7	91 500
11.0	81.5	56.6	80 200
12.0	80.4	56.4	70 700
13.0	79.3	56.2	62 600
14.0	78.3	56.0	55 700
15.0	77.2	55.7	49 600
16.0	76.1	55.5	44 300
18.0	74.0	54.9	35 400
20.0	71.8	54.3	28 200
22.0	69.5	53.5	22 300
24.0	67.3	52.7	17 300
26.0	65.0	51.8	13 200
28.0	62.6	50.7	9 600
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	84 900
11.0	81.9	59.7	78 200
12.0	80.9	59.5	69 100
13.0	79.9	59.3	61 300
14.0	78.9	59.1	54 500
15.0	77.9	58.9	48 600
16.0	76.9	58.6	43 400
18.0	74.8	58.1	34 700
20.0	72.8	57.5	27 600
22.0	70.7	56.8	21 800
24.0	68.5	56.0	17 000
26.0	66.4	55.1	12 900
28.0	64.2	54.2	9 300
30.0	61.9	53.1	6 200
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	80 600 *
11.0	82.3	62.7	76 300
12.0	81.4	62.6	67 400
13.0	80.4	62.4	59 900
14.0	79.5	62.2	53 300
15.0	78.5	62.0	47 500
16.0	77.5	61.8	42 500
18.0	75.6	61.3	34 000
20.0	73.6	60.7	27 000
22.0	71.7	60.0	21 300
24.0	69.7	59.3	16 600
26.0	67.6	58.5	12 500
28.0	65.6	57.6	9 000
30.0	63.5	56.6	6 000



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	203 400 *
6.5	81.4	26.4	200 400 *
7.0	80.2	26.3	196 900 *
7.5	79.0	26.2	182 900
8.0	77.8	26.1	164 600
8.5	76.6	26.0	149 500
9.0	75.4	25.8	136 400
10.0	72.9	25.5	114 900
11.0	70.4	25.1	98 000
12.0	67.8	24.7	84 400
13.0	65.2	24.2	73 100
14.0	62.6	23.7	62 900
15.0	59.8	23.1	53 900
16.0	57.0	22.4	46 300
18.0	51.1	20.8	34 400
20.0	44.5	18.9	25 500
22.0	37.0	16.4	17 500
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	197 700 *
6.5	82.4	29.5	196 900 *
7.0	81.3	29.4	193 300 *
7.5	80.3	29.3	176 300
8.0	79.2	29.2	159 600
8.5	78.1	29.1	145 300
9.0	77.0	29.0	133 000
10.0	74.9	28.7	112 600
11.0	72.7	28.4	96 400
12.0	70.4	28.0	83 300
13.0	68.2	27.6	72 500
14.0	65.9	27.1	63 400
15.0	63.5	26.6	55 400
16.0	61.1	26.0	47 900
18.0	56.1	24.7	35 900
20.0	50.8	23.1	26 900
22.0	45.0	21.2	19 800
24.0	38.5	18.8	14 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	188 600 *
7.0	82.2	32.5	186 600 *
7.5	81.2	32.4	170 200
8.0	80.3	32.3	154 500
8.5	79.3	32.2	141 100
9.0	78.4	32.1	129 400
10.0	76.4	31.9	110 000
11.0	74.5	31.6	94 600
12.0	72.5	31.2	81 900
13.0	70.5	30.9	71 500
14.0	68.5	30.5	62 700
15.0	66.4	30.0	55 100
16.0	64.3	29.5	48 500
18.0	60.0	28.4	37 000
20.0	55.4	27.0	27 900
22.0	50.6	25.4	20 800
24.0	45.4	23.5	15 100
26.0	39.7	21.2	10 500
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	146 700 *
7.5	82.0	35.5	144 400 *
8.0	81.2	35.4	142 200 *
8.5	80.3	35.3	137 200
9.0	79.4	35.2	126 200
10.0	77.7	35.0	107 700
11.0	75.9	34.7	92 900
12.0	74.1	34.4	80 800
13.0	72.3	34.1	70 700
14.0	70.5	33.8	62 200
15.0	68.7	33.3	54 800
16.0	66.8	32.9	48 400
18.0	63.0	31.9	38 000
20.0	59.0	30.7	29 000
22.0	54.9	29.3	21 900
24.0	50.5	27.7	16 200
26.0	45.8	25.8	11 500
28.0	40.6	23.6	7 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	143 200 *
7.5	82.7	38.6	142 500 *
8.0	81.9	38.5	140 600
8.5	81.1	38.4	133 500
9.0	80.3	38.3	122 700
10.0	78.7	38.1	105 000
11.0	77.1	37.9	90 900
12.0	75.5	37.6	79 200
13.0	73.9	37.3	69 400
14.0	72.2	37.0	61 200
15.0	70.5	36.6	54 000
16.0	68.9	36.2	47 800
18.0	65.4	35.3	37 600
20.0	61.9	34.3	29 500
22.0	58.2	33.1	22 500
24.0	54.4	31.7	16 800
26.0	50.4	30.0	12 100
28.0	46.1	28.2	8 200
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	136 100 *
8.0	82.6	41.6	135 800 *
8.5	81.8	41.5	129 700
9.0	81.1	41.4	119 400
10.0	79.6	41.3	102 500
11.0	78.1	41.0	89 000
12.0	76.6	40.8	77 700
13.0	75.1	40.5	68 300
14.0	73.6	40.2	60 300
15.0	72.1	39.9	53 400
16.0	70.6	39.5	47 300
18.0	67.4	38.7	37 400
20.0	64.2	37.7	29 500
22.0	60.9	36.6	23 100
24.0	57.5	35.4	17 500
26.0	54.0	34.0	12 700
28.0	50.3	32.3	8 800
30.0	46.3	30.5	5 500

Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	131 000
8.5	82.4	44.6	125 400
9.0	81.7	44.5	115 900
10.0	80.4	44.4	99 800
11.0	79.0	44.2	86 700
12.0	77.6	43.9	75 900
13.0	76.2	43.7	66 700
14.0	74.8	43.4	59 000
15.0	73.4	43.1	52 300
16.0	72.0	42.8	46 400
18.0	69.1	42.0	36 600
20.0	66.2	41.1	28 900
22.0	63.2	40.1	22 600
24.0	60.1	39.0	17 400
26.0	56.9	37.7	13 000
28.0	53.6	36.3	9 000
30.0	50.2	34.6	5 600
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	114 800 *
9.0	82.3	47.6	112 300
10.0	81.0	47.5	97 400
11.0	79.7	47.3	84 900
12.0	78.5	47.1	74 400
13.0	77.2	46.8	65 600
14.0	75.9	46.6	58 100
15.0	74.6	46.3	51 500
16.0	73.3	46.0	45 800
18.0	70.6	45.3	36 300
20.0	67.9	44.5	28 700
22.0	65.2	43.6	22 500
24.0	62.3	42.5	17 400
26.0	59.4	41.4	13 100
28.0	56.4	40.0	9 300
30.0	53.3	38.6	6 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	110 800 *
9.0	82.8	50.7	108 900
10.0	81.6	50.6	94 700
11.0	80.4	50.4	82 700
12.0	79.2	50.2	72 500
13.0	78.0	50.0	64 000
14.0	76.8	49.7	56 700
15.0	75.6	49.4	50 300
16.0	74.3	49.2	44 800
18.0	71.9	48.5	35 400
20.0	69.4	47.8	28 000
22.0	66.8	46.9	22 000
24.0	64.2	46.0	16 900
26.0	61.5	44.9	12 600
28.0	58.8	43.7	8 900
30.0	56.0	42.4	5 800
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	104 200
10.0	82.1	53.6	92 300
11.0	81.0	53.5	80 700
12.0	79.8	53.3	70 900
13.0	78.7	53.1	62 600
14.0	77.6	52.9	55 500
15.0	76.4	52.6	49 300
16.0	75.3	52.3	43 900
18.0	73.0	51.7	34 800
20.0	70.6	51.0	27 600
22.0	68.3	50.2	21 600
24.0	65.8	49.4	16 600
26.0	63.4	48.4	12 400
28.0	60.8	47.3	8 800
30.0	58.3	46.0	5 700
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	93 000
10.0	82.5	56.7	90 000
11.0	81.5	56.6	78 700
12.0	80.4	56.4	69 300
13.0	79.3	56.2	61 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
14.0	78.3	56.0	54 300
15.0	77.2	55.7	48 300
16.0	76.1	55.5	43 000
18.0	74.0	54.9	34 100
20.0	71.8	54.3	27 000
22.0	69.5	53.5	21 200
24.0	67.3	52.7	16 300
26.0	65.0	51.8	12 100
28.0	62.6	50.7	8 500
30.0	60.2	49.6	5 500
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	83 500
11.0	81.9	59.7	76 800
12.0	80.9	59.5	67 700
13.0	79.9	59.3	59 900
14.0	78.9	59.1	53 200
15.0	77.9	58.9	47 300
16.0	76.9	58.6	42 100
18.0	74.8	58.1	33 500
20.0	72.8	57.5	26 500
22.0	70.7	56.8	20 700
24.0	68.5	56.0	15 900
26.0	66.4	55.1	11 800
28.0	64.2	54.2	8 300
30.0	61.9	53.1	5 300
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	79 100 *
11.0	82.3	62.7	75 000
12.0	81.4	62.6	66 100
13.0	80.4	62.4	58 600
14.0	79.5	62.2	52 100
15.0	78.5	62.0	46 300
16.0	77.5	61.8	41 300
18.0	75.6	61.3	32 800
20.0	73.6	60.7	25 900
22.0	71.7	60.0	20 300
24.0	69.7	59.3	15 500
26.0	67.6	58.5	11 500
28.0	65.6	57.6	8 000



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	200 300 *
6.5	81.4	26.4	197 200 *
7.0	80.2	26.3	193 500 *
7.5	79.0	26.2	179 500
8.0	77.8	26.1	161 200
8.5	76.6	26.0	146 200
9.0	75.4	25.8	133 200
10.0	72.9	25.5	111 800
11.0	70.4	25.1	95 000
12.0	67.8	24.7	81 500
13.0	65.2	24.2	70 300
14.0	62.6	23.7	60 400
15.0	59.8	23.1	51 400
16.0	57.0	22.4	43 900
18.0	51.1	20.8	32 100
20.0	44.5	18.9	23 200
22.0	37.0	16.4	15 200
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	195 100 *
6.5	82.4	29.5	194 300 *
7.0	81.3	29.4	190 700 *
7.5	80.3	29.3	173 000
8.0	79.2	29.2	156 400
8.5	78.1	29.1	142 300
9.0	77.0	29.0	130 000
10.0	74.9	28.7	109 700
11.0	72.7	28.4	93 600
12.0	70.4	28.0	80 600
13.0	68.2	27.6	69 800
14.0	65.9	27.1	60 800
15.0	63.5	26.6	52 900
16.0	61.1	26.0	45 700
18.0	56.1	24.7	33 700
20.0	50.8	23.1	24 700
22.0	45.0	21.2	17 800
24.0	38.5	18.8	12 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	186 200 *
7.0	82.2	32.5	184 200 *
7.5	81.2	32.4	167 100
8.0	80.3	32.3	151 600
8.5	79.3	32.2	138 200
9.0	78.4	32.1	126 600
10.0	76.4	31.9	107 300
11.0	74.5	31.6	91 900
12.0	72.5	31.2	79 400
13.0	70.5	30.9	69 000
14.0	68.5	30.5	60 200
15.0	66.4	30.0	52 700
16.0	64.3	29.5	46 200
18.0	60.0	28.4	34 900
20.0	55.4	27.0	25 900
22.0	50.6	25.4	18 800
24.0	45.4	23.5	13 200
26.0	39.7	21.2	8 600
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	145 200 *
7.5	82.0	35.5	142 900 *
8.0	81.2	35.4	140 600 *
8.5	80.3	35.3	134 600
9.0	79.4	35.2	123 600
10.0	77.7	35.0	105 200
11.0	75.9	34.7	90 400
12.0	74.1	34.4	78 400
13.0	72.3	34.1	68 300
14.0	70.5	33.8	59 800
15.0	68.7	33.3	52 600
16.0	66.8	32.9	46 200
18.0	63.0	31.9	35 800
20.0	59.0	30.7	27 100
22.0	54.9	29.3	20 000
24.0	50.5	27.7	14 400
26.0	45.8	25.8	9 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	141 800 *
7.5	82.7	38.6	141 100 *
8.0	81.9	38.5	138 900
8.5	81.1	38.4	130 900
9.0	80.3	38.3	120 200
10.0	78.7	38.1	102 600
11.0	77.1	37.9	88 500
12.0	75.5	37.6	76 900
13.0	73.9	37.3	67 200
14.0	72.2	37.0	58 900
15.0	70.5	36.6	51 900
16.0	68.9	36.2	45 700
18.0	65.4	35.3	35 600
20.0	61.9	34.3	27 600
22.0	58.2	33.1	20 800
24.0	54.4	31.7	15 100
26.0	50.4	30.0	10 400
28.0	46.1	28.2	6 500
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	134 700 *
8.0	82.6	41.6	134 200
8.5	81.8	41.5	127 200
9.0	81.1	41.4	116 900
10.0	79.6	41.3	100 200
11.0	78.1	41.0	86 700
12.0	76.6	40.8	75 500
13.0	75.1	40.5	66 200
14.0	73.6	40.2	58 200
15.0	72.1	39.9	51 300
16.0	70.6	39.5	45 300
18.0	67.4	38.7	35 400
20.0	64.2	37.7	27 500
22.0	60.9	36.6	21 200
24.0	57.5	35.4	15 800
26.0	54.0	34.0	11 100
28.0	50.3	32.3	7 200

Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	128 600
8.5	82.4	44.6	123 000
9.0	81.7	44.5	113 600
10.0	80.4	44.4	97 500
11.0	79.0	44.2	84 500
12.0	77.6	43.9	73 700
13.0	76.2	43.7	64 700
14.0	74.8	43.4	56 900
15.0	73.4	43.1	50 300
16.0	72.0	42.8	44 400
18.0	69.1	42.0	34 800
20.0	66.2	41.1	27 100
22.0	63.2	40.1	20 800
24.0	60.1	39.0	15 600
26.0	56.9	37.7	11 300
28.0	53.6	36.3	7 400
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	113 300 *
9.0	82.3	47.6	110 500
10.0	81.0	47.5	95 300
11.0	79.7	47.3	82 800
12.0	78.5	47.1	72 400
13.0	77.2	46.8	63 600
14.0	75.9	46.6	56 100
15.0	74.6	46.3	49 600
16.0	73.3	46.0	43 900
18.0	70.6	45.3	34 500
20.0	67.9	44.5	26 900
22.0	65.2	43.6	20 800
24.0	62.3	42.5	15 700
26.0	59.4	41.4	11 300
28.0	56.4	40.0	7 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	109 400 *
9.0	82.8	50.7	107 100
10.0	81.6	50.6	92 600
11.0	80.4	50.4	80 600
12.0	79.2	50.2	70 600
13.0	78.0	50.0	62 100
14.0	76.8	49.7	54 800
15.0	75.6	49.4	48 500
16.0	74.3	49.2	42 900
18.0	71.9	48.5	33 700
20.0	69.4	47.8	26 300
22.0	66.8	46.9	20 200
24.0	64.2	46.0	15 200
26.0	61.5	44.9	11 000
28.0	58.8	43.7	7 300
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	102 100
10.0	82.1	53.6	90 200
11.0	81.0	53.5	78 700
12.0	79.8	53.3	69 000
13.0	78.7	53.1	60 800
14.0	77.6	52.9	53 700
15.0	76.4	52.6	47 500
16.0	75.3	52.3	42 100
18.0	73.0	51.7	33 100
20.0	70.6	51.0	25 900
22.0	68.3	50.2	19 900
24.0	65.8	49.4	15 000
26.0	63.4	48.4	10 800
28.0	60.8	47.3	7 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	91 000
10.0	82.5	56.7	88 000
11.0	81.5	56.6	76 800
12.0	80.4	56.4	67 400
13.0	79.3	56.2	59 400
14.0	78.3	56.0	52 600
15.0	77.2	55.7	46 500
16.0	76.1	55.5	41 300
18.0	74.0	54.9	32 400
20.0	71.8	54.3	25 400
22.0	69.5	53.5	19 500
24.0	67.3	52.7	14 700
26.0	65.0	51.8	10 500
28.0	62.6	50.7	7 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	81 600
11.0	81.9	59.7	74 900
12.0	80.9	59.5	65 900
13.0	79.9	59.3	58 200
14.0	78.9	59.1	51 500
15.0	77.9	58.9	45 600
16.0	76.9	58.6	40 500
18.0	74.8	58.1	31 800
20.0	72.8	57.5	24 900
22.0	70.7	56.8	19 200
24.0	68.5	56.0	14 400
26.0	66.4	55.1	10 300
28.0	64.2	54.2	6 800
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	77 700 *
11.0	82.3	62.7	73 100
12.0	81.4	62.6	64 300
13.0	80.4	62.4	56 800
14.0	79.5	62.2	50 300
15.0	78.5	62.0	44 700
16.0	77.5	61.8	39 600
18.0	75.6	61.3	31 200
20.0	73.6	60.7	24 400
22.0	71.7	60.0	18 700
24.0	69.7	59.3	14 000
26.0	67.6	58.5	10 000
28.0	65.6	57.6	6 600



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody 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	197 300 *
6.5	81.4	26.4	194 100 *
7.0	80.2	26.3	190 200 *
7.5	79.0	26.2	175 900
8.0	77.8	26.1	157 800
8.5	76.6	26.0	142 900
9.0	75.4	25.8	130 000
10.0	72.9	25.5	108 800
11.0	70.4	25.1	92 100
12.0	67.8	24.7	78 600
13.0	65.2	24.2	67 500
14.0	62.6	23.7	57 800
15.0	59.8	23.1	49 000
16.0	57.0	22.4	41 600
18.0	51.1	20.8	29 800
20.0	44.5	18.9	21 000
22.0	37.0	16.4	13 100
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	192 200 *
6.5	82.4	29.5	191 500 *
7.0	81.3	29.4	187 700 *
7.5	80.3	29.3	169 700
8.0	79.2	29.2	153 200
8.5	78.1	29.1	139 200
9.0	77.0	29.0	127 000
10.0	74.9	28.7	106 800
11.0	72.7	28.4	90 900
12.0	70.4	28.0	77 900
13.0	68.2	27.6	67 200
14.0	65.9	27.1	58 300
15.0	63.5	26.6	50 600
16.0	61.1	26.0	43 600
18.0	56.1	24.7	31 600
20.0	50.8	23.1	22 700
22.0	45.0	21.2	15 800
24.0	38.5	18.8	10 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	183 500 *
7.0	82.2	32.5	181 500 *
7.5	81.2	32.4	164 000
8.0	80.3	32.3	148 600
8.5	79.3	32.2	135 400
9.0	78.4	32.1	123 800
10.0	76.4	31.9	104 600
11.0	74.5	31.6	89 300
12.0	72.5	31.2	76 900
13.0	70.5	30.9	66 600
14.0	68.5	30.5	57 900
15.0	66.4	30.0	50 400
16.0	64.3	29.5	44 000
18.0	60.0	28.4	32 900
20.0	55.4	27.0	24 000
22.0	50.6	25.4	17 000
24.0	45.4	23.5	11 400
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	143 500 *
7.5	82.0	35.5	141 100 *
8.0	81.2	35.4	138 800 *
8.5	80.3	35.3	132 100
9.0	79.4	35.2	120 900
10.0	77.7	35.0	102 600
11.0	75.9	34.7	88 000
12.0	74.1	34.4	76 000
13.0	72.3	34.1	66 000
14.0	70.5	33.8	57 600
15.0	68.7	33.3	50 400
16.0	66.8	32.9	44 100
18.0	63.0	31.9	33 800
20.0	59.0	30.7	25 300
22.0	54.9	29.3	18 300
24.0	50.5	27.7	12 700
26.0	45.8	25.8	8 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	140 400 *
7.5	82.7	38.6	139 600 *
8.0	81.9	38.5	137 300
8.5	81.1	38.4	128 200
9.0	80.3	38.3	117 600
10.0	78.7	38.1	100 200
11.0	77.1	37.9	86 200
12.0	75.5	37.6	74 700
13.0	73.9	37.3	65 000
14.0	72.2	37.0	56 800
15.0	70.5	36.6	49 800
16.0	68.9	36.2	43 700
18.0	65.4	35.3	33 600
20.0	61.9	34.3	25 700
22.0	58.2	33.1	19 100
24.0	54.4	31.7	13 400
26.0	50.4	30.0	8 800
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	134 700 *
8.0	82.6	41.6	133 600
8.5	81.8	41.5	124 600
9.0	81.1	41.4	114 600
10.0	79.6	41.3	97 900
11.0	78.1	41.0	84 500
12.0	76.6	40.8	73 300
13.0	75.1	40.5	64 000
14.0	73.6	40.2	56 100
15.0	72.1	39.9	49 300
16.0	70.6	39.5	43 300
18.0	67.4	38.7	33 500
20.0	64.2	37.7	25 700
22.0	60.9	36.6	19 400
24.0	57.5	35.4	14 200
26.0	54.0	34.0	9 600



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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	126 200
8.5	82.4	44.6	120 600
9.0	81.7	44.5	111 200
10.0	80.4	44.4	95 300
11.0	79.0	44.2	82 400
12.0	77.6	43.9	71 700
13.0	76.2	43.7	62 700
14.0	74.8	43.4	55 000
15.0	73.4	43.1	48 400
16.0	72.0	42.8	42 500
18.0	69.1	42.0	32 900
20.0	66.2	41.1	25 300
22.0	63.2	40.1	19 100
24.0	60.1	39.0	13 900
26.0	56.9	37.7	9 600
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	111 800 *
9.0	82.3	47.6	108 700
10.0	81.0	47.5	93 100
11.0	79.7	47.3	80 700
12.0	78.5	47.1	70 400
13.0	77.2	46.8	61 600
14.0	75.9	46.6	54 200
15.0	74.6	46.3	47 700
16.0	73.3	46.0	42 100
18.0	70.6	45.3	32 700
20.0	67.9	44.5	25 200
22.0	65.2	43.6	19 100
24.0	62.3	42.5	14 000
26.0	59.4	41.4	9 700
28.0	56.4	40.0	6 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	107 800
9.0	82.8	50.7	105 200
10.0	81.6	50.6	90 600
11.0	80.4	50.4	78 600
12.0	79.2	50.2	68 700
13.0	78.0	50.0	60 200
14.0	76.8	49.7	53 000
15.0	75.6	49.4	46 700
16.0	74.3	49.2	41 200
18.0	71.9	48.5	32 000
20.0	69.4	47.8	24 600
22.0	66.8	46.9	18 600
24.0	64.2	46.0	13 600
26.0	61.5	44.9	9 400
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	100 000
10.0	82.1	53.6	88 200
11.0	81.0	53.5	76 700
12.0	79.8	53.3	67 100
13.0	78.7	53.1	58 900
14.0	77.6	52.9	51 900
15.0	76.4	52.6	45 800
16.0	75.3	52.3	40 400
18.0	73.0	51.7	31 500
20.0	70.6	51.0	24 300
22.0	68.3	50.2	18 400
24.0	65.8	49.4	13 500
26.0	63.4	48.4	9 300
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	89 000
10.0	82.5	56.7	86 100
11.0	81.5	56.6	74 900
12.0	80.4	56.4	65 600
13.0	79.3	56.2	57 700
14.0	78.3	56.0	50 800
15.0	77.2	55.7	44 900
16.0	76.1	55.5	39 600
18.0	74.0	54.9	30 900
20.0	71.8	54.3	23 800
22.0	69.5	53.5	18 000
24.0	67.3	52.7	13 200
26.0	65.0	51.8	9 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	79 600
11.0	81.9	59.7	73 100
12.0	80.9	59.5	64 100
13.0	79.9	59.3	56 400
14.0	78.9	59.1	49 800
15.0	77.9	58.9	44 000
16.0	76.9	58.6	38 800
18.0	74.8	58.1	30 300
20.0	72.8	57.5	23 400
22.0	70.7	56.8	17 700
24.0	68.5	56.0	12 900
26.0	66.4	55.1	8 900
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	76 200 *
11.0	82.3	62.7	71 300
12.0	81.4	62.6	62 600
13.0	80.4	62.4	55 200
14.0	79.5	62.2	48 700
15.0	78.5	62.0	43 000
16.0	77.5	61.8	38 000
18.0	75.6	61.3	29 700
20.0	73.6	60.7	22 900
22.0	71.7	60.0	17 300
24.0	69.7	59.3	12 600
26.0	67.6	58.5	8 600



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody 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	193 900 *
6.5	81.4	26.4	190 600 *
7.0	80.2	26.3	186 600 *
7.5	79.0	26.2	172 200
8.0	77.8	26.1	154 200
8.5	76.6	26.0	139 400
9.0	75.4	25.8	126 600
10.0	72.9	25.5	105 500
11.0	70.4	25.1	88 900
12.0	67.8	24.7	75 600
13.0	65.2	24.2	64 500
14.0	62.6	23.7	55 200
15.0	59.8	23.1	46 400
16.0	57.0	22.4	39 000
18.0	51.1	20.8	27 400
20.0	44.5	18.9	18 600
22.0	37.0	16.4	10 700
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	189 100 *
6.5	82.4	29.5	188 300 *
7.0	81.3	29.4	184 400 *
7.5	80.3	29.3	166 200
8.0	79.2	29.2	149 900
8.5	78.1	29.1	135 900
9.0	77.0	29.0	123 800
10.0	74.9	28.7	103 800
11.0	72.7	28.4	87 900
12.0	70.4	28.0	75 100
13.0	68.2	27.6	64 400
14.0	65.9	27.1	55 500
15.0	63.5	26.6	47 900
16.0	61.1	26.0	41 000
18.0	56.1	24.7	29 300
20.0	50.8	23.1	20 400
22.0	45.0	21.2	13 600
24.0	38.5	18.8	8 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	180 600 *
7.0	82.2	32.5	178 200
7.5	81.2	32.4	160 700
8.0	80.3	32.3	145 400
8.5	79.3	32.2	132 300
9.0	78.4	32.1	120 800
10.0	76.4	31.9	101 700
11.0	74.5	31.6	86 600
12.0	72.5	31.2	74 200
13.0	70.5	30.9	63 900
14.0	68.5	30.5	55 300
15.0	66.4	30.0	47 900
16.0	64.3	29.5	41 500
18.0	60.0	28.4	30 700
20.0	55.4	27.0	21 800
22.0	50.6	25.4	14 900
24.0	45.4	23.5	9 400
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	141 600 *
7.5	82.0	35.5	139 200 *
8.0	81.2	35.4	136 800
8.5	80.3	35.3	129 200
9.0	79.4	35.2	118 100
10.0	77.7	35.0	99 900
11.0	75.9	34.7	85 400
12.0	74.1	34.4	73 500
13.0	72.3	34.1	63 600
14.0	70.5	33.8	55 200
15.0	68.7	33.3	48 000
16.0	66.8	32.9	41 700
18.0	63.0	31.9	31 500
20.0	59.0	30.7	23 300
22.0	54.9	29.3	16 300
24.0	50.5	27.7	10 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	138 800 *
7.5	82.7	38.6	138 100 *
8.0	81.9	38.5	135 500
8.5	81.1	38.4	125 400
9.0	80.3	38.3	114 900
10.0	78.7	38.1	97 600
11.0	77.1	37.9	83 700
12.0	75.5	37.6	72 200
13.0	73.9	37.3	62 600
14.0	72.2	37.0	54 500
15.0	70.5	36.6	47 500
16.0	68.9	36.2	41 400
18.0	65.4	35.3	31 400
20.0	61.9	34.3	23 500
22.0	58.2	33.1	17 100
24.0	54.4	31.7	11 600
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	131 300 *
8.0	82.6	41.6	130 400
8.5	81.8	41.5	121 900
9.0	81.1	41.4	111 900
10.0	79.6	41.3	95 400
11.0	78.1	41.0	82 000
12.0	76.6	40.8	71 000
13.0	75.1	40.5	61 800
14.0	73.6	40.2	53 900
15.0	72.1	39.9	47 100
16.0	70.6	39.5	41 200
18.0	67.4	38.7	31 400
20.0	64.2	37.7	23 700
22.0	60.9	36.6	17 400
24.0	57.5	35.4	12 200
26.0	54.0	34.0	7 800



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 2

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	123 600
8.5	82.4	44.6	118 100
9.0	81.7	44.5	108 700
10.0	80.4	44.4	92 900
11.0	79.0	44.2	80 100
12.0	77.6	43.9	69 400
13.0	76.2	43.7	60 500
14.0	74.8	43.4	52 800
15.0	73.4	43.1	46 200
16.0	72.0	42.8	40 400
18.0	69.1	42.0	30 900
20.0	66.2	41.1	23 300
22.0	63.2	40.1	17 200
24.0	60.1	39.0	12 000
26.0	56.9	37.7	7 800
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	110 100 *
9.0	82.3	47.6	106 400
10.0	81.0	47.5	90 800
11.0	79.7	47.3	78 500
12.0	78.5	47.1	68 200
13.0	77.2	46.8	59 500
14.0	75.9	46.6	52 100
15.0	74.6	46.3	45 700
16.0	73.3	46.0	40 000
18.0	70.6	45.3	30 700
20.0	67.9	44.5	23 300
22.0	65.2	43.6	17 200
24.0	62.3	42.5	12 200
26.0	59.4	41.4	8 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	105 400
9.0	82.8	50.7	102 800
10.0	81.6	50.6	88 300
11.0	80.4	50.4	76 400
12.0	79.2	50.2	66 500
13.0	78.0	50.0	58 100
14.0	76.8	49.7	50 900
15.0	75.6	49.4	44 700
16.0	74.3	49.2	39 200
18.0	71.9	48.5	30 100
20.0	69.4	47.8	22 800
22.0	66.8	46.9	16 800
24.0	64.2	46.0	11 900
26.0	61.5	44.9	7 700
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	97 700
10.0	82.1	53.6	86 100
11.0	81.0	53.5	74 600
12.0	79.8	53.3	65 100
13.0	78.7	53.1	57 000
14.0	77.6	52.9	49 900
15.0	76.4	52.6	43 900
16.0	75.3	52.3	38 500
18.0	73.0	51.7	29 600
20.0	70.6	51.0	22 500
22.0	68.3	50.2	16 600
24.0	65.8	49.4	11 800
26.0	63.4	48.4	7 600
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	86 900
10.0	82.5	56.7	84 000
11.0	81.5	56.6	72 800
12.0	80.4	56.4	63 600
13.0	79.3	56.2	55 700
14.0	78.3	56.0	48 900
15.0	77.2	55.7	43 000
16.0	76.1	55.5	37 800
18.0	74.0	54.9	29 100
20.0	71.8	54.3	22 100
22.0	69.5	53.5	16 300
24.0	67.3	52.7	11 500
26.0	65.0	51.8	7 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	77 700
11.0	81.9	59.7	71 100
12.0	80.9	59.5	62 200
13.0	79.9	59.3	54 500
14.0	78.9	59.1	47 900
15.0	77.9	58.9	42 200
16.0	76.9	58.6	37 000
18.0	74.8	58.1	28 600
20.0	72.8	57.5	21 700
22.0	70.7	56.8	16 100
24.0	68.5	56.0	11 300
26.0	66.4	55.1	7 300
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	74 500 *
11.0	82.3	62.7	69 400
12.0	81.4	62.6	60 700
13.0	80.4	62.4	53 300
14.0	79.5	62.2	46 900
15.0	78.5	62.0	41 300
16.0	77.5	61.8	36 300
18.0	75.6	61.3	28 000
20.0	73.6	60.7	21 200
22.0	71.7	60.0	15 700
24.0	69.7	59.3	11 000
26.0	67.6	58.5	7 000