

Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

**Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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.

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, 113 040 kg crane counterweight, two 13 610 kg and four 6 800 kg carbody counterweights.

Boom Catwalks Deduct
Deduct 200 kg from capacities when boom catwalks are attached.

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. 8021-AM** for luffing jib capacities.



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Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	206 500 *
8.0	77.8	26.1	194 500 *
8.5	76.6	26.0	182 600 *
9.0	75.4	25.8	172 000 *
10.0	72.9	25.5	153 800 *
11.0	70.4	25.1	136 000 *
12.0	67.8	24.7	117 600 *
13.0	65.2	24.2	102 700 *
14.0	62.6	23.7	90 400 *
15.0	59.8	23.1	80 100 *
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	199 700 *
8.0	79.2	29.2	194 800 *
8.5	78.1	29.1	182 500 *
9.0	77.0	29.0	171 900 *
10.0	74.9	28.7	153 700 *
11.0	72.7	28.4	138 600 *
12.0	70.4	28.0	121 000 *
13.0	68.2	27.6	105 700 *
14.0	65.9	27.1	93 200 *
15.0	63.5	26.6	82 700 *
16.0	61.1	26.0	73 700 *
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	190 900 *
8.0	80.3	32.3	187 200 *
8.5	79.3	32.2	182 100 *
9.0	78.4	32.1	171 700 *
10.0	76.4	31.9	153 500 *
11.0	74.5	31.6	137 900 *
12.0	72.5	31.2	122 700 *
13.0	70.5	30.9	108 600 *
14.0	68.5	30.5	95 700 *
15.0	66.4	30.0	85 000 *
16.0	64.3	29.5	75 800 *
18.0	60.0	28.4	61 100 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	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	145 400 *
10.0	77.7	35.0	142 400 *
11.0	75.9	34.7	134 700 *
12.0	74.1	34.4	120 100 *
13.0	72.3	34.1	107 900 *
14.0	70.5	33.8	97 600 *
15.0	68.7	33.3	87 900 *
16.0	66.8	32.9	78 400 *
18.0	63.0	31.9	63 400 *
20.0	59.0	30.7	51 800 *
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	137 500 *
10.0	78.7	38.1	135 000 *
11.0	77.1	37.9	131 400 *
12.0	75.5	37.6	117 100 *
13.0	73.9	37.3	105 400 *
14.0	72.2	37.0	95 400 *
15.0	70.5	36.6	86 800 *
16.0	68.9	36.2	79 200 *
18.0	65.4	35.3	65 000 *
20.0	61.9	34.3	53 100 *
22.0	58.2	33.1	43 800 *
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	138 400 *
10.0	79.6	41.3	135 900 *
11.0	78.1	41.0	128 100 *
12.0	76.6	40.8	114 500 *
13.0	75.1	40.5	103 200 *
14.0	73.6	40.2	93 500 *
15.0	72.1	39.9	85 200 *
16.0	70.6	39.5	77 900 *
18.0	67.4	38.7	65 800 *
20.0	64.2	37.7	54 400 *
22.0	60.9	36.6	44 900 *
24.0	57.5	35.4	37 300 *

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	135 200 *
10.0	80.4	44.4	132 200 *
11.0	79.0	44.2	124 700 *
12.0	77.6	43.9	111 600 *
13.0	76.2	43.7	100 600 *
14.0	74.8	43.4	91 300 *
15.0	73.4	43.1	83 200 *
16.0	72.0	42.8	76 100 *
18.0	69.1	42.0	64 400 *
20.0	66.2	41.1	54 800 *
22.0	63.2	40.1	45 600 *
24.0	60.1	39.0	37 900 *
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	114 800 *
11.0	79.7	47.3	110 000 *
12.0	78.5	47.1	105 000 *
13.0	77.2	46.8	98 900 *
14.0	75.9	46.6	89 500 *
15.0	74.6	46.3	81 700 *
16.0	73.3	46.0	74 800 *
18.0	70.6	45.3	63 400 *
20.0	67.9	44.5	54 300 *
22.0	65.2	43.6	46 400 *
24.0	62.3	42.5	39 000 *
26.0	59.4	41.4	32 500 *
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	110 500 *
11.0	80.4	50.4	105 000 *
12.0	79.2	50.2	100 000 *
13.0	78.0	50.0	95 100 *
14.0	76.8	49.7	87 500 *
15.0	75.6	49.4	79 800 *
16.0	74.3	49.2	73 100 *
18.0	71.9	48.5	61 900 *
20.0	69.4	47.8	53 000 *
22.0	66.8	46.9	45 600 *
24.0	64.2	46.0	39 100 *
26.0	61.5	44.9	32 800 *
28.0	58.8	43.7	27 400 *

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Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	110 400 *
10.0	82.1	53.6	105 600 *
11.0	81.0	53.5	100 300 *
12.0	79.8	53.3	95 400 *
13.0	78.7	53.1	90 900 *
14.0	77.6	52.9	85 600
15.0	76.4	52.6	78 200
16.0	75.3	52.3	71 600
18.0	73.0	51.7	60 700
20.0	70.6	51.0	52 000
22.0	68.3	50.2	44 800
24.0	65.8	49.4	38 800
26.0	63.4	48.4	33 100
28.0	60.8	47.3	27 900 *
30.0	58.3	46.0	23 200 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	101 300 *
10.0	82.5	56.7	100 000 *
11.0	81.5	56.6	95 000 *
12.0	80.4	56.4	90 300 *
13.0	79.3	56.2	85 900 *
14.0	78.3	56.0	81 800 *
15.0	77.2	55.7	76 800
16.0	76.1	55.5	70 100
18.0	74.0	54.9	59 500
20.0	71.8	54.3	50 900
22.0	69.5	53.5	43 900
24.0	67.3	52.7	38 000
26.0	65.0	51.8	33 000
28.0	62.6	50.7	28 100
30.0	60.2	49.6	23 600 *
32.0	57.8	48.4	19 500 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	87 400 *
11.0	81.9	59.7	85 200 *
12.0	80.9	59.5	81 900 *
13.0	79.9	59.3	78 700 *
14.0	78.9	59.1	75 400 *
15.0	77.9	58.9	72 200 *
16.0	76.9	58.6	68 300
18.0	74.8	58.1	58 500
20.0	72.8	57.5	50 000
22.0	70.7	56.8	43 100
24.0	68.5	56.0	37 200
26.0	66.4	55.1	32 400
28.0	64.2	54.2	28 100
30.0	61.9	53.1	24 000
32.0	59.7	52.0	19 900 *
34.0	57.3	50.7	16 300 *
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	76 900 *
13.0	80.4	62.4	73 800 *
14.0	79.5	62.2	70 700 *
15.0	78.5	62.0	67 700 *
16.0	77.5	61.8	64 700 *
18.0	75.6	61.3	57 300
20.0	73.6	60.7	49 000
22.0	71.7	60.0	42 200
24.0	69.7	59.3	36 500
26.0	67.6	58.5	31 600
28.0	65.6	57.6	27 400
30.0	63.5	56.6	23 800
32.0	61.3	55.5	20 200
34.0	59.2	54.3	16 600 *
36.0	56.9	53.0	13 400 *



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2250 SERIES 3

Maximum Operating Wind Speed 10 m/s

Boom No. 44 With Heavy Lift Top
 Luffing Jib No. 133 or No. 133A
 113 040 kg Crane Counterweight
 54 430 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	205 700 *
8.0	77.8	26.1	193 500 *
8.5	76.6	26.0	181 600 *
9.0	75.4	25.8	171 000 *
10.0	72.9	25.5	152 800 *
11.0	70.4	25.1	134 200 *
12.0	67.8	24.7	115 800 *
13.0	65.2	24.2	101 000 *
14.0	62.6	23.7	88 700 *
15.0	59.8	23.1	78 300 *
16.0	57.0	22.4	69 500 *
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	199 200 *
8.0	79.2	29.2	193 800 *
8.5	78.1	29.1	181 500 *
9.0	77.0	29.0	170 900 *
10.0	74.9	28.7	152 700 *
11.0	72.7	28.4	137 600 *
12.0	70.4	28.0	119 300 *
13.0	68.2	27.6	104 100 *
14.0	65.9	27.1	91 600 *
15.0	63.5	26.6	81 100 *
16.0	61.1	26.0	72 100 *
18.0	56.1	24.7	57 700 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	194 900 *
7.0	82.2	32.5	193 400 *
7.5	81.2	32.4	190 900 *
8.0	80.3	32.3	188 500 *
8.5	79.3	32.2	181 700 *
9.0	78.4	32.1	170 800 *
10.0	76.4	31.9	152 600 *
11.0	74.5	31.6	136 300 *
12.0	72.5	31.2	121 100 *
13.0	70.5	30.9	107 100 *
14.0	68.5	30.5	94 200 *
15.0	66.4	30.0	83 500 *
16.0	64.3	29.5	74 300 *
18.0	60.0	28.4	59 600 *
20.0	55.4	27.0	48 400 *
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	144 800 *
10.0	77.7	35.0	141 700 *
11.0	75.9	34.7	133 200 *
12.0	74.1	34.4	118 600 *
13.0	72.3	34.1	106 400 *
14.0	70.5	33.8	96 100 *
15.0	68.7	33.3	86 500 *
16.0	66.8	32.9	77 000 *
18.0	63.0	31.9	61 900 *
20.0	59.0	30.7	50 400 *
22.0	54.9	29.3	41 300 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	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	137 000 *
10.0	78.7	38.1	134 400 *
11.0	77.1	37.9	129 900 *
12.0	75.5	37.6	115 700 *
13.0	73.9	37.3	104 000 *
14.0	72.2	37.0	94 000 *
15.0	70.5	36.6	85 500 *
16.0	68.9	36.2	77 800 *
18.0	65.4	35.3	63 700 *
20.0	61.9	34.3	51 800 *
22.0	58.2	33.1	42 400 *
24.0	54.4	31.7	34 900 *
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	137 900 *
10.0	79.6	41.3	135 300 *
11.0	78.1	41.0	126 700 *
12.0	76.6	40.8	113 100 *
13.0	75.1	40.5	101 800 *
14.0	73.6	40.2	92 200 *
15.0	72.1	39.9	83 800 *
16.0	70.6	39.5	76 600 *
18.0	67.4	38.7	64 600 *
20.0	64.2	37.7	53 100 *
22.0	60.9	36.6	43 700 *
24.0	57.5	35.4	36 100 *
26.0	54.0	34.0	29 800 *



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Wind Speed
10 m/s

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Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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
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	134 800 *
10.0	80.4	44.4	131 800 *
11.0	79.0	44.2	123 400
12.0	77.6	43.9	110 300
13.0	76.2	43.7	99 300
14.0	74.8	43.4	90 000
15.0	73.4	43.1	81 900
16.0	72.0	42.8	74 900
18.0	69.1	42.0	63 200
20.0	66.2	41.1	53 700
22.0	63.2	40.1	44 400 *
24.0	60.1	39.0	36 700 *
26.0	56.9	37.7	30 300 *
28.0	53.6	36.3	25 000 *
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	114 400 *
11.0	79.7	47.3	109 500 *
12.0	78.5	47.1	104 400 *
13.0	77.2	46.8	97 600
14.0	75.9	46.6	88 300
15.0	74.6	46.3	80 400
16.0	73.3	46.0	73 500
18.0	70.6	45.3	62 100
20.0	67.9	44.5	53 100
22.0	65.2	43.6	45 300
24.0	62.3	42.5	37 800 *
26.0	59.4	41.4	31 300 *
28.0	56.4	40.0	25 900 *
30.0	53.3	38.6	21 300 *
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	110 100 *
11.0	80.4	50.4	104 500 *
12.0	79.2	50.2	99 400 *
13.0	78.0	50.0	94 400
14.0	76.8	49.7	86 200
15.0	75.6	49.4	78 600
16.0	74.3	49.2	71 900
18.0	71.9	48.5	60 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
20.0	69.4	47.8	51 800
22.0	66.8	46.9	44 500
24.0	64.2	46.0	38 000
26.0	61.5	44.9	31 700 *
28.0	58.8	43.7	26 200 *
30.0	56.0	42.4	21 600 *
32.0	53.1	40.9	17 600 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	110 200 *
10.0	82.1	53.6	105 300 *
11.0	81.0	53.5	100 000 *
12.0	79.8	53.3	95 000 *
13.0	78.7	53.1	90 400 *
14.0	77.6	52.9	84 400
15.0	76.4	52.6	77 000
16.0	75.3	52.3	70 400
18.0	73.0	51.7	59 500
20.0	70.6	51.0	50 800
22.0	68.3	50.2	43 700
24.0	65.8	49.4	37 700
26.0	63.4	48.4	32 100
28.0	60.8	47.3	26 800 *
30.0	58.3	46.0	22 100 *
32.0	55.6	44.7	18 100 *
34.0	52.8	43.2	14 600 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	101 200 *
10.0	82.5	56.7	99 900 *
11.0	81.5	56.6	94 800 *
12.0	80.4	56.4	89 900 *
13.0	79.3	56.2	85 500 *
14.0	78.3	56.0	81 400 *
15.0	77.2	55.7	75 500
16.0	76.1	55.5	69 000
18.0	74.0	54.9	58 400
20.0	71.8	54.3	49 800
22.0	69.5	53.5	42 800
24.0	67.3	52.7	36 900
26.0	65.0	51.8	31 900
28.0	62.6	50.7	27 200
30.0	60.2	49.6	22 500 *
32.0	57.8	48.4	18 400 *
34.0	55.2	47.0	14 900 *
36.0	52.6	45.5	11 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	87 200 *
11.0	81.9	59.7	85 000 *
12.0	80.9	59.5	81 600 *
13.0	79.9	59.3	78 300 *
14.0	78.9	59.1	75 000 *
15.0	77.9	58.9	71 700 *
16.0	76.9	58.6	67 700
18.0	74.8	58.1	57 400
20.0	72.8	57.5	48 900
22.0	70.7	56.8	42 000
24.0	68.5	56.0	36 200
26.0	66.4	55.1	31 300
28.0	64.2	54.2	27 000
30.0	61.9	53.1	22 900
32.0	59.7	52.0	18 800 *
34.0	57.3	50.7	15 300 *
36.0	54.9	49.3	12 100 *
38.0	52.4	47.8	9 400 *
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	76 700 *
13.0	80.4	62.4	73 600 *
14.0	79.5	62.2	70 400 *
15.0	78.5	62.0	67 300 *
16.0	77.5	61.8	64 300 *
18.0	75.6	61.3	56 400
20.0	73.6	60.7	47 900
22.0	71.7	60.0	41 100
24.0	69.7	59.3	35 400
26.0	67.6	58.5	30 600
28.0	65.6	57.6	26 400
30.0	63.5	56.6	22 800
32.0	61.3	55.5	19 100
34.0	59.2	54.3	15 600 *
36.0	56.9	53.0	12 400 *
38.0	54.6	51.6	9 600 *
40.0	52.3	50.1	7 100 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating Wind Speed 10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	202 700 *
8.0	77.8	26.1	191 700 *
8.5	76.6	26.0	179 900 *
9.0	75.4	25.8	169 300 *
10.0	72.9	25.5	151 100 *
11.0	70.4	25.1	131 600 *
12.0	67.8	24.7	113 400 *
13.0	65.2	24.2	98 600 *
14.0	62.6	23.7	86 500 *
15.0	59.8	23.1	76 200 *
16.0	57.0	22.4	67 400 *
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	195 500 *
8.0	79.2	29.2	192 200 *
8.5	78.1	29.1	179 900 *
9.0	77.0	29.0	169 300 *
10.0	74.9	28.7	151 100 *
11.0	72.7	28.4	135 600 *
12.0	70.4	28.0	116 900 *
13.0	68.2	27.6	101 800 *
14.0	65.9	27.1	89 500 *
15.0	63.5	26.6	79 000 *
16.0	61.1	26.0	70 100 *
18.0	56.1	24.7	55 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	191 500 *
7.0	82.2	32.5	190 000 *
7.5	81.2	32.4	187 400 *
8.0	80.3	32.3	185 000 *
8.5	79.3	32.2	179 700 *
9.0	78.4	32.1	169 200 *
10.0	76.4	31.9	151 000 *
11.0	74.5	31.6	133 900 *
12.0	72.5	31.2	118 900 *
13.0	70.5	30.9	104 900 *
14.0	68.5	30.5	92 100 *
15.0	66.4	30.0	81 500 *
16.0	64.3	29.5	72 400 *
18.0	60.0	28.4	57 800 *
20.0	55.4	27.0	46 600 *
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	142 700 *
10.0	77.7	35.0	139 600 *
11.0	75.9	34.7	130 900 *
12.0	74.1	34.4	116 400 *
13.0	72.3	34.1	104 400 *
14.0	70.5	33.8	94 100 *
15.0	68.7	33.3	84 500 *
16.0	66.8	32.9	75 000 *
18.0	63.0	31.9	60 100 *
20.0	59.0	30.7	48 700 *
22.0	54.9	29.3	39 600 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	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	135 000 *
10.0	78.7	38.1	132 400 *
11.0	77.1	37.9	127 700 *
12.0	75.5	37.6	113 600 *
13.0	73.9	37.3	102 000 *
14.0	72.2	37.0	92 100 *
15.0	70.5	36.6	83 600 *
16.0	68.9	36.2	76 000 *
18.0	65.4	35.3	61 900 *
20.0	61.9	34.3	50 100 *
22.0	58.2	33.1	40 900 *
24.0	54.4	31.7	33 400 *
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	136 000 *
10.0	79.6	41.3	133 200 *
11.0	78.1	41.0	124 600 *
12.0	76.6	40.8	111 100 *
13.0	75.1	40.5	99 900 *
14.0	73.6	40.2	90 300 *
15.0	72.1	39.9	82 000 *
16.0	70.6	39.5	74 800 *
18.0	67.4	38.7	62 900 *
20.0	64.2	37.7	51 400 *
22.0	60.9	36.6	42 100 *
24.0	57.5	35.4	34 600 *
26.0	54.0	34.0	28 400 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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
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	132 900 *
10.0	80.4	44.4	129 700 *
11.0	79.0	44.2	121 300 *
12.0	77.6	43.9	108 300 *
13.0	76.2	43.7	97 400 *
14.0	74.8	43.4	88 200 *
15.0	73.4	43.1	80 200 *
16.0	72.0	42.8	73 200 *
18.0	69.1	42.0	61 600 *
20.0	66.2	41.1	52 300 *
22.0	63.2	40.1	42 900 *
24.0	60.1	39.0	35 200 *
26.0	56.9	37.7	28 900 *
28.0	53.6	36.3	23 700 *
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	112 600 *
11.0	79.7	47.3	107 500 *
12.0	78.5	47.1	102 500 *
13.0	77.2	46.8	95 800 *
14.0	75.9	46.6	86 500 *
15.0	74.6	46.3	78 700 *
16.0	73.3	46.0	71 900 *
18.0	70.6	45.3	60 600 *
20.0	67.9	44.5	51 600 *
22.0	65.2	43.6	43 900 *
24.0	62.3	42.5	36 400 *
26.0	59.4	41.4	29 900 *
28.0	56.4	40.0	24 600 *
30.0	53.3	38.6	20 000 *
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	108 000 *
11.0	80.4	50.4	102 500 *
12.0	79.2	50.2	97 500 *
13.0	78.0	50.0	92 500 *
14.0	76.8	49.7	84 500 *
15.0	75.6	49.4	76 900 *
16.0	74.3	49.2	70 300 *
18.0	71.9	48.5	59 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
20.0	69.4	47.8	50 400 *
22.0	66.8	46.9	43 100 *
24.0	64.2	46.0	36 700 *
26.0	61.5	44.9	30 300 *
28.0	58.8	43.7	24 900 *
30.0	56.0	42.4	20 300 *
32.0	53.1	40.9	16 400 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	108 000 *
10.0	82.1	53.6	103 100 *
11.0	81.0	53.5	97 900 *
12.0	79.8	53.3	93 000 *
13.0	78.7	53.1	88 500 *
14.0	77.6	52.9	82 700 *
15.0	76.4	52.6	75 300 *
16.0	75.3	52.3	68 900 *
18.0	73.0	51.7	58 000 *
20.0	70.6	51.0	49 400 *
22.0	68.3	50.2	42 300 *
24.0	65.8	49.4	36 300 *
26.0	63.4	48.4	30 900 *
28.0	60.8	47.3	25 400 *
30.0	58.3	46.0	20 800 *
32.0	55.6	44.7	16 900 *
34.0	52.8	43.2	13 400 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	99 000 *
10.0	82.5	56.7	97 700 *
11.0	81.5	56.6	92 700 *
12.0	80.4	56.4	87 900 *
13.0	79.3	56.2	83 500 *
14.0	78.3	56.0	79 500 *
15.0	77.2	55.7	73 900 *
16.0	76.1	55.5	67 500 *
18.0	74.0	54.9	56 900 *
20.0	71.8	54.3	48 400 *
22.0	69.5	53.5	41 400 *
24.0	67.3	52.7	35 600 *
26.0	65.0	51.8	30 600 *
28.0	62.6	50.7	26 000 *
30.0	60.2	49.6	21 200 *
32.0	57.8	48.4	17 200 *
34.0	55.2	47.0	13 700 *
36.0	52.6	45.5	10 700 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	79 800 *
13.0	79.9	59.3	76 500 *
14.0	78.9	59.1	73 200 *
15.0	77.9	58.9	69 900 *
16.0	76.9	58.6	66 000 *
18.0	74.8	58.1	55 900 *
20.0	72.8	57.5	47 500 *
22.0	70.7	56.8	40 600 *
24.0	68.5	56.0	34 900 *
26.0	66.4	55.1	30 000 *
28.0	64.2	54.2	25 800 *
30.0	61.9	53.1	21 800 *
32.0	59.7	52.0	17 600 *
34.0	57.3	50.7	14 100 *
36.0	54.9	49.3	11 000 *
38.0	52.4	47.8	8 200 *
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	74 800 *
13.0	80.4	62.4	71 700 *
14.0	79.5	62.2	68 600 *
15.0	78.5	62.0	65 500 *
16.0	77.5	61.8	62 500 *
18.0	75.6	61.3	54 900 *
20.0	73.6	60.7	46 600 *
22.0	71.7	60.0	39 800 *
24.0	69.7	59.3	34 200 *
26.0	67.6	58.5	29 400 *
28.0	65.6	57.6	25 200 *
30.0	63.5	56.6	21 600 *
32.0	61.3	55.5	18 000 *
34.0	59.2	54.3	14 400 *
36.0	56.9	53.0	11 300 *
38.0	54.6	51.6	8 500 *
40.0	52.3	50.1	6 000 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	211 100 *
7.5	79.0	26.2	205 800 *
8.0	77.8	26.1	192 300 *
8.5	76.6	26.0	180 400 *
9.0	75.4	25.8	169 700 *
10.0	72.9	25.5	151 300 *
11.0	70.4	25.1	131 800 *
12.0	67.8	24.7	113 300 *
13.0	65.2	24.2	98 400 *
14.0	62.6	23.7	86 000 *
15.0	59.8	23.1	75 600 *
16.0	57.0	22.4	66 700 *
18.0	51.1	20.8	52 400 *
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	200 800 *
8.0	79.2	29.2	192 600 *
8.5	78.1	29.1	180 500 *
9.0	77.0	29.0	169 800 *
10.0	74.9	28.7	151 400 *
11.0	72.7	28.4	136 000 *
12.0	70.4	28.0	117 000 *
13.0	68.2	27.6	101 800 *
14.0	65.9	27.1	89 200 *
15.0	63.5	26.6	78 600 *
16.0	61.1	26.0	69 500 *
18.0	56.1	24.7	55 000 *
20.0	50.8	23.1	43 900 *
22.0	45.0	21.2	35 000 *
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	192 700 *
8.0	80.3	32.3	189 700 *
8.5	79.3	32.2	180 600 *
9.0	78.4	32.1	169 700 *
10.0	76.4	31.9	151 400 *
11.0	74.5	31.6	134 100 *
12.0	72.5	31.2	118 800 *
13.0	70.5	30.9	105 000 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
14.0	68.5	30.5	92 000 *
15.0	66.4	30.0	81 200 *
16.0	64.3	29.5	72 000 *
18.0	60.0	28.4	57 200 *
20.0	55.4	27.0	45 800 *
22.0	50.6	25.4	36 800 *
24.0	45.4	23.5	29 500 *
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	145 000 *
10.0	77.7	35.0	141 800 *
11.0	75.9	34.7	131 100 *
12.0	74.1	34.4	116 400 *
13.0	72.3	34.1	104 200 *
14.0	70.5	33.8	93 900 *
15.0	68.7	33.3	84 400 *
16.0	66.8	32.9	74 800 *
18.0	63.0	31.9	59 600 *
20.0	59.0	30.7	48 000 *
22.0	54.9	29.3	38 900 *
24.0	50.5	27.7	31 400 *
26.0	45.8	25.8	25 200 *
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	137 400 *
10.0	78.7	38.1	134 600 *
11.0	77.1	37.9	127 900 *
12.0	75.5	37.6	113 800 *
13.0	73.9	37.3	101 900 *
14.0	72.2	37.0	91 900 *
15.0	70.5	36.6	83 300 *
16.0	68.9	36.2	75 700 *
18.0	65.4	35.3	61 600 *
20.0	61.9	34.3	49 600 *
22.0	58.2	33.1	40 200 *
24.0	54.4	31.7	32 700 *
26.0	50.4	30.0	26 400 *
28.0	46.1	28.2	21 100 *

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	138 500 *
10.0	79.6	41.3	135 700 *
11.0	78.1	41.0	124 900 *
12.0	76.6	40.8	111 300 *
13.0	75.1	40.5	99 900 *
14.0	73.6	40.2	90 200 *
15.0	72.1	39.9	81 900 *
16.0	70.6	39.5	74 500 *
18.0	67.4	38.7	62 500 *
20.0	64.2	37.7	51 000 *
22.0	60.9	36.6	41 600 *
24.0	57.5	35.4	33 900 *
26.0	54.0	34.0	27 600 *
28.0	50.3	32.3	22 300 *
30.0	46.3	30.5	17 800 *
32.0	42.0	28.3	13 900 *
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	137 500 *
8.5	82.4	44.6	136 800 *
9.0	81.7	44.5	135 400 *
10.0	80.4	44.4	132 300 *
11.0	79.0	44.2	121 700 *
12.0	77.6	43.9	108 600 *
13.0	76.2	43.7	97 600 *
14.0	74.8	43.4	88 200 *
15.0	73.4	43.1	80 000 *
16.0	72.0	42.8	72 900 *
18.0	69.1	42.0	61 200 *
20.0	66.2	41.1	51 800 *
22.0	63.2	40.1	42 400 *
24.0	60.1	39.0	34 600 *
26.0	56.9	37.7	28 300 *
28.0	53.6	36.3	22 900 *
30.0	50.2	34.6	18 400 *
32.0	46.5	32.8	14 400 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	115 300 *
11.0	79.7	47.3	110 000 *
12.0	78.5	47.1	104 700 *
13.0	77.2	46.8	95 700
14.0	75.9	46.6	86 500
15.0	74.6	46.3	78 600
16.0	73.3	46.0	71 700
18.0	70.6	45.3	60 300
20.0	67.9	44.5	51 100
22.0	65.2	43.6	43 400
24.0	62.3	42.5	35 900 *
26.0	59.4	41.4	29 300 *
28.0	56.4	40.0	23 900 *
30.0	53.3	38.6	19 300 *
32.0	50.1	36.9	15 300 *
34.0	46.7	35.1	11 800 *
36.0	43.0	33.0	8 800 *
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	111 200 *
11.0	80.4	50.4	105 400 *
12.0	79.2	50.2	100 100 *
13.0	78.0	50.0	93 600
14.0	76.8	49.7	84 500
15.0	75.6	49.4	76 800
16.0	74.3	49.2	70 100
18.0	71.9	48.5	58 900
20.0	69.4	47.8	49 900
22.0	66.8	46.9	42 600
24.0	64.2	46.0	36 200
26.0	61.5	44.9	29 800 *
28.0	58.8	43.7	24 300 *
30.0	56.0	42.4	19 600 *
32.0	53.1	40.9	15 600 *
34.0	50.0	39.2	12 100 *
36.0	46.8	37.4	9 100 *
38.0	43.4	35.3	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	111 700 *
10.0	82.1	53.6	106 700 *
11.0	81.0	53.5	101 000 *
12.0	79.8	53.3	95 900 *
13.0	78.7	53.1	90 800
14.0	77.6	52.9	82 800
15.0	76.4	52.6	75 300
16.0	75.3	52.3	68 700
18.0	73.0	51.7	57 800
20.0	70.6	51.0	49 000
22.0	68.3	50.2	41 800
24.0	65.8	49.4	35 800
26.0	63.4	48.4	30 400 *
28.0	60.8	47.3	24 900 *
30.0	58.3	46.0	20 200 *
32.0	55.6	44.7	16 200 *
34.0	52.8	43.2	12 600 *
36.0	50.0	41.5	9 600 *
38.0	47.0	39.7	6 900 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	102 900 *
10.0	82.5	56.7	101 500 *
11.0	81.5	56.6	96 100 *
12.0	80.4	56.4	91 100 *
13.0	79.3	56.2	86 400 *
14.0	78.3	56.0	81 000
15.0	77.2	55.7	73 800
16.0	76.1	55.5	67 400
18.0	74.0	54.9	56 700
20.0	71.8	54.3	48 100
22.0	69.5	53.5	41 000
24.0	67.3	52.7	35 100
26.0	65.0	51.8	30 100
28.0	62.6	50.7	25 500 *
30.0	60.2	49.6	20 600 *
32.0	57.8	48.4	16 600 *
34.0	55.2	47.0	13 000 *
36.0	52.6	45.5	9 900 *
38.0	49.9	43.8	7 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	88 500 *
11.0	81.9	59.7	86 200 *
12.0	80.9	59.5	82 600 *
13.0	79.9	59.3	79 200 *
14.0	78.9	59.1	75 800 *
15.0	77.9	58.9	72 000
16.0	76.9	58.6	66 600
18.0	74.8	58.1	55 600
20.0	72.8	57.5	47 200
22.0	70.7	56.8	40 200
24.0	68.5	56.0	34 400
26.0	66.4	55.1	29 500
28.0	64.2	54.2	25 200
30.0	61.9	53.1	21 200
32.0	59.7	52.0	17 000 *
34.0	57.3	50.7	13 400 *
36.0	54.9	49.3	10 300 *
38.0	52.4	47.8	7 500 *
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	81 500 *
12.0	81.4	62.6	77 900 *
13.0	80.4	62.4	74 600 *
14.0	79.5	62.2	71 400 *
15.0	78.5	62.0	68 100 *
16.0	77.5	61.8	64 400
18.0	75.6	61.3	54 700
20.0	73.6	60.7	46 300
22.0	71.7	60.0	39 400
24.0	69.7	59.3	33 700
26.0	67.6	58.5	28 900
28.0	65.6	57.6	24 700
30.0	63.5	56.6	21 000
32.0	61.3	55.5	17 400
34.0	59.2	54.3	13 800 *
36.0	56.9	53.0	10 600 *
38.0	54.6	51.6	7 800 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	203 300 *
8.0	77.8	26.1	190 700 *
8.5	76.6	26.0	178 800 *
9.0	75.4	25.8	168 100 *
10.0	72.9	25.5	149 600 *
11.0	70.4	25.1	129 200 *
12.0	67.8	24.7	110 800 *
13.0	65.2	24.2	96 000 *
14.0	62.6	23.7	83 700 *
15.0	59.8	23.1	73 300 *
16.0	57.0	22.4	64 500 *
18.0	51.1	20.8	50 300 *
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	197 800 *
8.0	79.2	29.2	191 100 *
8.5	78.1	29.1	178 800 *
9.0	77.0	29.0	168 200 *
10.0	74.9	28.7	149 900 *
11.0	72.7	28.4	133 400 *
12.0	70.4	28.0	114 600 *
13.0	68.2	27.6	99 500 *
14.0	65.9	27.1	87 000 *
15.0	63.5	26.6	76 400 *
16.0	61.1	26.0	67 400 *
18.0	56.1	24.7	53 000 *
20.0	50.8	23.1	42 000 *
22.0	45.0	21.2	33 100 *
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	189 900 *
8.0	80.3	32.3	187 100 *
8.5	79.3	32.2	179 100 *
9.0	78.4	32.1	168 200 *
10.0	76.4	31.9	149 600 *
11.0	74.5	31.6	131 700 *
12.0	72.5	31.2	116 600 *
13.0	70.5	30.9	102 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
14.0	68.5	30.5	89 900 *
15.0	66.4	30.0	79 200 *
16.0	64.3	29.5	70 000 *
18.0	60.0	28.4	55 300 *
20.0	55.4	27.0	44 000 *
22.0	50.6	25.4	35 100 *
24.0	45.4	23.5	27 800 *
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	143 300 *
10.0	77.7	35.0	139 900 *
11.0	75.9	34.7	128 900 *
12.0	74.1	34.4	114 300 *
13.0	72.3	34.1	102 200 *
14.0	70.5	33.8	91 900 *
15.0	68.7	33.3	82 400 *
16.0	66.8	32.9	72 900 *
18.0	63.0	31.9	57 800 *
20.0	59.0	30.7	46 300 *
22.0	54.9	29.3	37 100 *
24.0	50.5	27.7	29 700 *
26.0	45.8	25.8	23 600 *
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	135 800 *
10.0	78.7	38.1	132 900 *
11.0	77.1	37.9	125 800 *
12.0	75.5	37.6	111 700 *
13.0	73.9	37.3	100 000 *
14.0	72.2	37.0	90 000 *
15.0	70.5	36.6	81 400 *
16.0	68.9	36.2	73 800 *
18.0	65.4	35.3	59 700 *
20.0	61.9	34.3	47 900 *
22.0	58.2	33.1	38 500 *
24.0	54.4	31.7	31 100 *
26.0	50.4	30.0	24 900 *
28.0	46.1	28.2	19 600 *

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	138 300 *
9.0	81.1	41.4	136 800 *
10.0	79.6	41.3	133 900 *
11.0	78.1	41.0	122 800 *
12.0	76.6	40.8	109 300 *
13.0	75.1	40.5	98 000 *
14.0	73.6	40.2	88 300 *
15.0	72.1	39.9	80 000 *
16.0	70.6	39.5	72 800 *
18.0	67.4	38.7	60 800 *
20.0	64.2	37.7	49 300 *
22.0	60.9	36.6	40 000 *
24.0	57.5	35.4	32 400 *
26.0	54.0	34.0	26 100 *
28.0	50.3	32.3	20 800 *
30.0	46.3	30.5	16 300 *
32.0	42.0	28.3	12 500 *
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	135 900 *
8.5	82.4	44.6	135 100 *
9.0	81.7	44.5	133 800 *
10.0	80.4	44.4	130 600 *
11.0	79.0	44.2	119 700 *
12.0	77.6	43.9	106 600 *
13.0	76.2	43.7	95 700 *
14.0	74.8	43.4	86 400 *
15.0	73.4	43.1	78 200 *
16.0	72.0	42.8	71 200 *
18.0	69.1	42.0	59 500 *
20.0	66.2	41.1	50 200 *
22.0	63.2	40.1	40 800 *
24.0	60.1	39.0	33 100 *
26.0	56.9	37.7	26 800 *
28.0	53.6	36.3	21 500 *
30.0	50.2	34.6	16 900 *
32.0	46.5	32.8	13 100 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	113 700 *
11.0	79.7	47.3	108 300 *
12.0	78.5	47.1	102 900 *
13.0	77.2	46.8	93 900
14.0	75.9	46.6	84 800
15.0	74.6	46.3	76 900
16.0	73.3	46.0	70 100
18.0	70.6	45.3	58 700
20.0	67.9	44.5	49 600
22.0	65.2	43.6	41 900
24.0	62.3	42.5	34 400 *
26.0	59.4	41.4	27 900 *
28.0	56.4	40.0	22 500 *
30.0	53.3	38.6	17 900 *
32.0	50.1	36.9	14 000 *
34.0	46.7	35.1	10 500 *
36.0	43.0	33.0	7 500 *
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	109 300 *
11.0	80.4	50.4	103 500 *
12.0	79.2	50.2	98 300 *
13.0	78.0	50.0	91 900
14.0	76.8	49.7	82 800
15.0	75.6	49.4	75 200
16.0	74.3	49.2	68 500
18.0	71.9	48.5	57 400
20.0	69.4	47.8	48 400
22.0	66.8	46.9	41 100
24.0	64.2	46.0	34 700
26.0	61.5	44.9	28 300 *
28.0	58.8	43.7	22 900 *
30.0	56.0	42.4	18 300 *
32.0	53.1	40.9	14 300 *
34.0	50.0	39.2	10 800 *
36.0	46.8	37.4	7 800 *
38.0	43.4	35.3	5 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	109 900 *
10.0	82.1	53.6	104 800 *
11.0	81.0	53.5	99 200 *
12.0	79.8	53.3	94 100 *
13.0	78.7	53.1	89 000
14.0	77.6	52.9	81 100
15.0	76.4	52.6	73 700
16.0	75.3	52.3	67 200
18.0	73.0	51.7	56 300
20.0	70.6	51.0	47 600
22.0	68.3	50.2	40 400
24.0	65.8	49.4	34 500
26.0	63.4	48.4	29 000 *
28.0	60.8	47.3	23 500 *
30.0	58.3	46.0	18 900 *
32.0	55.6	44.7	14 900 *
34.0	52.8	43.2	11 400 *
36.0	50.0	41.5	8 300 *
38.0	47.0	39.7	5 700 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	101 000 *
10.0	82.5	56.7	99 700 *
11.0	81.5	56.6	94 300 *
12.0	80.4	56.4	89 300 *
13.0	79.3	56.2	84 600 *
14.0	78.3	56.0	79 400
15.0	77.2	55.7	72 200
16.0	76.1	55.5	65 900
18.0	74.0	54.9	55 200
20.0	71.8	54.3	46 700
22.0	69.5	53.5	39 600
24.0	67.3	52.7	33 700
26.0	65.0	51.8	28 800
28.0	62.6	50.7	24 200 *
30.0	60.2	49.6	19 300 *
32.0	57.8	48.4	15 300 *
34.0	55.2	47.0	11 800 *
36.0	52.6	45.5	8 700 *
38.0	49.9	43.8	6 000 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	86 900 *
11.0	81.9	59.7	84 500 *
12.0	80.9	59.5	81 000 *
13.0	79.9	59.3	77 600 *
14.0	78.9	59.1	74 100 *
15.0	77.9	58.9	70 400
16.0	76.9	58.6	65 100
18.0	74.8	58.1	54 200
20.0	72.8	57.5	45 800
22.0	70.7	56.8	38 900
24.0	68.5	56.0	33 100
26.0	66.4	55.1	28 200
28.0	64.2	54.2	24 000
30.0	61.9	53.1	19 900
32.0	59.7	52.0	15 800 *
34.0	57.3	50.7	12 200 *
36.0	54.9	49.3	9 100 *
38.0	52.4	47.8	6 300 *
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	76 300 *
13.0	80.4	62.4	73 000 *
14.0	79.5	62.2	69 700 *
15.0	78.5	62.0	66 500 *
16.0	77.5	61.8	62 700
18.0	75.6	61.3	53 300
20.0	73.6	60.7	44 900
22.0	71.7	60.0	38 200
24.0	69.7	59.3	32 500
26.0	67.6	58.5	27 600
28.0	65.6	57.6	23 500
30.0	63.5	56.6	19 800
32.0	61.3	55.5	16 200
34.0	59.2	54.3	12 600 *
36.0	56.9	53.0	9 400 *
38.0	54.6	51.6	6 600 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating Wind Speed 10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	75 300 *
12.0	81.8	65.7	72 000 *
13.0	80.9	65.5	68 800 *
14.0	80.0	65.3	65 700 *
15.0	79.1	65.1	62 700 *
16.0	78.1	64.9	59 700 *
18.0	76.3	64.4	52 200
20.0	74.4	63.9	44 000
22.0	72.6	63.2	37 400
24.0	70.7	62.5	31 800
26.0	68.8	61.8	27 000
28.0	66.8	60.9	22 900
30.0	64.8	60.0	19 300
32.0	62.8	59.0	16 200
34.0	60.8	57.9	12 900 *
36.0	58.7	56.7	9 700 *
38.0	56.6	55.4	6 900 *

REFERENCE ONLY!



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

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

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	215 500 *
6.5	81.4	26.4	213 300 *
7.0	80.2	26.3	210 600 *
7.5	79.0	26.2	205 200 *
8.0	77.8	26.1	191 800 *
8.5	76.6	26.0	179 700 *
9.0	75.4	25.8	168 900 *
10.0	72.9	25.5	150 300 *
11.0	70.4	25.1	130 000 *
12.0	67.8	24.7	111 300 *
13.0	65.2	24.2	96 200 *
14.0	62.6	23.7	83 600 *
15.0	59.8	23.1	73 100 *
16.0	57.0	22.4	64 100 *
18.0	51.1	20.8	49 600 *
20.0	44.5	18.9	38 300 *
22.0	37.0	16.4	27 800 *
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	203 000 *
8.0	79.2	29.2	192 000 *
8.5	78.1	29.1	179 900 *
9.0	77.0	29.0	169 100 *
10.0	74.9	28.7	150 600 *
11.0	72.7	28.4	134 500 *
12.0	70.4	28.0	115 300 *
13.0	68.2	27.6	99 900 *
14.0	65.9	27.1	87 100 *
15.0	63.5	26.6	76 400 *
16.0	61.1	26.0	67 300 *
18.0	56.1	24.7	52 600 *
20.0	50.8	23.1	41 200 *
22.0	45.0	21.2	32 200 *
24.0	38.5	18.8	24 500 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	195 300 *
8.0	80.3	32.3	191 800 *
8.5	79.3	32.2	180 000 *
9.0	78.4	32.1	169 200 *
10.0	76.4	31.9	150 500 *
11.0	74.5	31.6	132 400 *
12.0	72.5	31.2	117 000 *
13.0	70.5	30.9	103 400 *
14.0	68.5	30.5	90 200 *
15.0	66.4	30.0	79 300 *
16.0	64.3	29.5	69 900 *
18.0	60.0	28.4	55 000 *
20.0	55.4	27.0	43 500 *
22.0	50.6	25.4	34 300 *
24.0	45.4	23.5	26 900 *
26.0	39.7	21.2	20 700 *
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	146 000 *
10.0	77.7	35.0	142 300 *
11.0	75.9	34.7	129 600 *
12.0	74.1	34.4	114 800 *
13.0	72.3	34.1	102 500 *
14.0	70.5	33.8	92 000 *
15.0	68.7	33.3	82 600 *
16.0	66.8	32.9	73 100 *
18.0	63.0	31.9	57 600 *
20.0	59.0	30.7	45 900 *
22.0	54.9	29.3	36 600 *
24.0	50.5	27.7	29 000 *
26.0	45.8	25.8	22 700 *
28.0	40.6	23.6	17 400 *
30.0	34.9	20.9	12 700 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	149 000 *
7.5	82.7	38.6	148 400 *
8.0	81.9	38.5	146 600 *
8.5	81.1	38.4	144 900 *
9.0	80.3	38.3	143 300 *
10.0	78.7	38.1	139 700 *
11.0	77.1	37.9	126 500 *
12.0	75.5	37.6	112 300 *
13.0	73.9	37.3	100 300 *
14.0	72.2	37.0	90 200 *
15.0	70.5	36.6	81 600 *
16.0	68.9	36.2	73 900 *
18.0	65.4	35.3	59 700 *
20.0	61.9	34.3	47 600 *
22.0	58.2	33.1	38 100 *
24.0	54.4	31.7	30 500 *
26.0	50.4	30.0	24 100 *
28.0	46.1	28.2	18 800 *
30.0	41.4	26.0	14 200 *
32.0	36.3	23.4	10 300 *
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	141 300 *
9.0	81.1	41.4	139 600 *
10.0	79.6	41.3	136 100 *
11.0	78.1	41.0	123 600 *
12.0	76.6	40.8	110 000 *
13.0	75.1	40.5	98 400 *
14.0	73.6	40.2	88 600 *
15.0	72.1	39.9	80 200 *
16.0	70.6	39.5	72 800 *
18.0	67.4	38.7	60 700 *
20.0	64.2	37.7	49 200 *
22.0	60.9	36.6	39 600 *
24.0	57.5	35.4	31 900 *
26.0	54.0	34.0	25 500 *
28.0	50.3	32.3	20 100 *
30.0	46.3	30.5	15 600 *
32.0	42.0	28.3	11 600 *
34.0	37.4	25.8	8 100 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	139 000 *
8.5	82.4	44.6	138 200 *
9.0	81.7	44.5	136 700 *
10.0	80.4	44.4	133 200
11.0	79.0	44.2	120 500
12.0	77.6	43.9	107 300
13.0	76.2	43.7	96 200
14.0	74.8	43.4	86 700
15.0	73.4	43.1	78 500
16.0	72.0	42.8	71 300
18.0	69.1	42.0	59 400
20.0	66.2	41.1	49 900
22.0	63.2	40.1	40 600 *
24.0	60.1	39.0	32 700 *
26.0	56.9	37.7	26 300 *
28.0	53.6	36.3	20 900 *
30.0	50.2	34.6	16 200 *
32.0	46.5	32.8	12 300 *
34.0	42.6	30.7	8 800 *
36.0	38.3	28.2	5 800 *
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	116 800 *
11.0	79.7	47.3	111 400 *
12.0	78.5	47.1	104 800
13.0	77.2	46.8	94 400
14.0	75.9	46.6	85 200
15.0	74.6	46.3	77 200
16.0	73.3	46.0	70 200
18.0	70.6	45.3	58 600
20.0	67.9	44.5	49 400
22.0	65.2	43.6	41 600
24.0	62.3	42.5	34 100 *
26.0	59.4	41.4	27 500 *
28.0	56.4	40.0	22 000 *
30.0	53.3	38.6	17 300 *
32.0	50.1	36.9	13 200 *
34.0	46.7	35.1	9 700 *
36.0	43.0	33.0	6 700 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	117 400 *
9.0	82.8	50.7	117 000 *
10.0	81.6	50.6	113 300 *
11.0	80.4	50.4	107 100 *
12.0	79.2	50.2	101 500
13.0	78.0	50.0	92 200
14.0	76.8	49.7	83 300
15.0	75.6	49.4	75 500
16.0	74.3	49.2	68 700
18.0	71.9	48.5	57 300
20.0	69.4	47.8	48 300
22.0	66.8	46.9	40 900
24.0	64.2	46.0	34 400
26.0	61.5	44.9	28 000 *
28.0	58.8	43.7	22 500 *
30.0	56.0	42.4	17 800 *
32.0	53.1	40.9	13 700 *
34.0	50.0	39.2	10 100 *
36.0	46.8	37.4	7 100 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	113 500 *
10.0	82.1	53.6	109 100 *
11.0	81.0	53.5	103 100 *
12.0	79.8	53.3	97 700 *
13.0	78.7	53.1	90 400
14.0	77.6	52.9	81 600
15.0	76.4	52.6	74 000
16.0	75.3	52.3	67 400
18.0	73.0	51.7	56 400
20.0	70.6	51.0	47 500
22.0	68.3	50.2	40 200
24.0	65.8	49.4	34 100
26.0	63.4	48.4	28 800 *
28.0	60.8	47.3	23 100 *
30.0	58.3	46.0	18 400 *
32.0	55.6	44.7	14 300 *
34.0	52.8	43.2	10 800 *
36.0	50.0	41.5	7 700 *
38.0	47.0	39.7	4 900 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	105 600 *
10.0	82.5	56.7	104 100 *
11.0	81.5	56.6	98 500 *
12.0	80.4	56.4	93 100 *
13.0	79.3	56.2	87 800
14.0	78.3	56.0	79 900
15.0	77.2	55.7	72 600
16.0	76.1	55.5	66 100
18.0	74.0	54.9	55 300
20.0	71.8	54.3	46 600
22.0	69.5	53.5	39 400
24.0	67.3	52.7	33 500
26.0	65.0	51.8	28 400
28.0	62.6	50.7	23 800
30.0	60.2	49.6	18 900 *
32.0	57.8	48.4	14 800 *
34.0	55.2	47.0	11 200 *
36.0	52.6	45.5	8 100 *
38.0	49.9	43.8	5 300 *
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	90 800 *
11.0	81.9	59.7	88 200 *
12.0	80.9	59.5	84 400 *
13.0	79.9	59.3	80 800 *
14.0	78.9	59.1	77 200 *
15.0	77.9	58.9	71 300
16.0	76.9	58.6	64 800
18.0	74.8	58.1	54 300
20.0	72.8	57.5	45 800
22.0	70.7	56.8	38 800
24.0	68.5	56.0	32 900
26.0	66.4	55.1	27 900
28.0	64.2	54.2	23 600
30.0	61.9	53.1	19 500
32.0	59.7	52.0	15 300 *
34.0	57.3	50.7	11 700 *
36.0	54.9	49.3	8 500 *
38.0	52.4	47.8	5 700 *

Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

Maximum Operating
Wind Speed
10 m/s

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

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	81 600 *
12.0	81.4	62.6	80 200 *
13.0	80.4	62.4	76 500 *
14.0	79.5	62.2	73 000 *
15.0	78.5	62.0	69 400
16.0	77.5	61.8	64 200
18.0	75.6	61.3	53 300
20.0	73.6	60.7	44 900
22.0	71.7	60.0	38 000
24.0	69.7	59.3	32 200
26.0	67.6	58.5	27 300
28.0	65.6	57.6	23 100
30.0	63.5	56.6	19 400
32.0	61.3	55.5	15 800
34.0	59.2	54.3	12 100 *
36.0	56.9	53.0	8 900 *
38.0	54.6	51.6	6 000 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	79 600 *
12.0	81.8	65.7	76 000 *
13.0	80.9	65.5	72 500 *
14.0	80.0	65.3	69 200 *
15.0	79.1	65.1	66 100 *
16.0	78.1	64.9	62 200
18.0	76.3	64.4	52 300
20.0	74.4	63.9	44 100
22.0	72.6	63.2	37 200
24.0	70.7	62.5	31 600
26.0	68.8	61.8	26 700
28.0	66.8	60.9	22 500
30.0	64.8	60.0	18 900
32.0	62.8	59.0	15 700
34.0	60.8	57.9	12 500 *
36.0	58.7	56.7	9 200 *
38.0	56.6	55.4	6 300 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	203 500 *
8.0	77.8	26.1	190 600 *
8.5	76.6	26.0	178 500 *
9.0	75.4	25.8	167 700 *
10.0	72.9	25.5	148 900 *
11.0	70.4	25.1	128 100 *
12.0	67.8	24.7	109 400 *
13.0	65.2	24.2	94 400 *
14.0	62.6	23.7	81 900 *
15.0	59.8	23.1	71 300 *
16.0	57.0	22.4	62 400 *
18.0	51.1	20.8	48 000 *
20.0	44.5	18.9	36 800 *
22.0	37.0	16.4	26 300 *
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	201 100 *
8.0	79.2	29.2	190 900 *
8.5	78.1	29.1	178 800 *
9.0	77.0	29.0	168 000 *
10.0	74.9	28.7	149 500 *
11.0	72.7	28.4	132 600 *
12.0	70.4	28.0	113 600 *
13.0	68.2	27.6	98 200 *
14.0	65.9	27.1	85 500 *
15.0	63.5	26.6	74 800 *
16.0	61.1	26.0	65 700 *
18.0	56.1	24.7	51 000 *
20.0	50.8	23.1	39 800 *
22.0	45.0	21.2	30 800 *
24.0	38.5	18.8	23 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	198 400 *
7.0	82.2	32.5	196 500 *
7.5	81.2	32.4	193 500 *
8.0	80.3	32.3	190 000 *
8.5	79.3	32.2	179 000 *
9.0	78.4	32.1	168 200 *
10.0	76.4	31.9	149 200 *
11.0	74.5	31.6	130 700 *
12.0	72.5	31.2	115 300 *
13.0	70.5	30.9	101 800 *
14.0	68.5	30.5	88 600 *
15.0	66.4	30.0	77 800 *
16.0	64.3	29.5	68 500 *
18.0	60.0	28.4	53 500 *
20.0	55.4	27.0	42 100 *
22.0	50.6	25.4	33 000 *
24.0	45.4	23.5	25 600 *
26.0	39.7	21.2	19 400 *
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	146 800 *
9.0	79.4	35.2	144 800 *
10.0	77.7	35.0	141 000 *
11.0	75.9	34.7	128 000 *
12.0	74.1	34.4	113 200 *
13.0	72.3	34.1	101 000 *
14.0	70.5	33.8	90 500 *
15.0	68.7	33.3	81 100 *
16.0	66.8	32.9	71 600 *
18.0	63.0	31.9	56 300 *
20.0	59.0	30.7	44 600 *
22.0	54.9	29.3	35 300 *
24.0	50.5	27.7	27 800 *
26.0	45.8	25.8	21 500 *
28.0	40.6	23.6	16 300 *
30.0	34.9	20.9	11 500 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	148 200 *
7.5	82.7	38.6	147 500 *
8.0	81.9	38.5	145 700 *
8.5	81.1	38.4	144 000 *
9.0	80.3	38.3	142 400 *
10.0	78.7	38.1	138 600 *
11.0	77.1	37.9	124 900 *
12.0	75.5	37.6	110 800 *
13.0	73.9	37.3	98 900 *
14.0	72.2	37.0	88 800 *
15.0	70.5	36.6	80 200 *
16.0	68.9	36.2	72 500 *
18.0	65.4	35.3	58 400 *
20.0	61.9	34.3	46 300 *
22.0	58.2	33.1	36 900 *
24.0	54.4	31.7	29 300 *
26.0	50.4	30.0	23 000 *
28.0	46.1	28.2	17 700 *
30.0	41.4	26.0	13 100 *
32.0	36.3	23.4	9 200 *
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	140 200 *
9.0	81.1	41.4	138 600 *
10.0	79.6	41.3	134 900 *
11.0	78.1	41.0	122 100 *
12.0	76.6	40.8	108 500 *
13.0	75.1	40.5	97 000 *
14.0	73.6	40.2	87 300 *
15.0	72.1	39.9	78 900 *
16.0	70.6	39.5	71 500 *
18.0	67.4	38.7	59 400 *
20.0	64.2	37.7	48 000 *
22.0	60.9	36.6	38 500 *
24.0	57.5	35.4	30 700 *
26.0	54.0	34.0	24 400 *
28.0	50.3	32.3	19 000 *
30.0	46.3	30.5	14 500 *
32.0	42.0	28.3	10 500 *
34.0	37.4	25.8	7 100 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	138 000 *
8.5	82.4	44.6	137 200 *
9.0	81.7	44.5	135 700 *
10.0	80.4	44.4	132 000
11.0	79.0	44.2	119 100
12.0	77.6	43.9	106 000
13.0	76.2	43.7	94 900
14.0	74.8	43.4	85 400
15.0	73.4	43.1	77 200
16.0	72.0	42.8	70 100
18.0	69.1	42.0	58 200
20.0	66.2	41.1	48 800
22.0	63.2	40.1	39 500 *
24.0	60.1	39.0	31 600 *
26.0	56.9	37.7	25 200 *
28.0	53.6	36.3	19 800 *
30.0	50.2	34.6	15 200 *
32.0	46.5	32.8	11 300 *
34.0	42.6	30.7	7 800 *
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	120 500 *
9.0	82.3	47.6	119 100 *
10.0	81.0	47.5	115 800 *
11.0	79.7	47.3	110 300 *
12.0	78.5	47.1	103 500
13.0	77.2	46.8	93 100
14.0	75.9	46.6	83 900
15.0	74.6	46.3	76 000
16.0	73.3	46.0	69 000
18.0	70.6	45.3	57 500
20.0	67.9	44.5	48 200
22.0	65.2	43.6	40 500
24.0	62.3	42.5	33 000 *
26.0	59.4	41.4	26 400 *
28.0	56.4	40.0	20 900 *
30.0	53.3	38.6	16 300 *
32.0	50.1	36.9	12 300 *
34.0	46.7	35.1	8 800 *
36.0	43.0	33.0	5 700 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	116 400 *
9.0	82.8	50.7	116 000 *
10.0	81.6	50.6	112 200 *
11.0	80.4	50.4	105 900 *
12.0	79.2	50.2	100 300
13.0	78.0	50.0	91 000
14.0	76.8	49.7	82 000
15.0	75.6	49.4	74 300
16.0	74.3	49.2	67 500
18.0	71.9	48.5	56 200
20.0	69.4	47.8	47 200
22.0	66.8	46.9	39 800
24.0	64.2	46.0	33 400
26.0	61.5	44.9	27 000 *
28.0	58.8	43.7	21 500 *
30.0	56.0	42.4	16 800 *
32.0	53.1	40.9	12 700 *
34.0	50.0	39.2	9 200 *
36.0	46.8	37.4	6 200 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	112 600 *
10.0	82.1	53.6	108 000 *
11.0	81.0	53.5	101 900 *
12.0	79.8	53.3	96 500 *
13.0	78.7	53.1	89 200
14.0	77.6	52.9	80 400
15.0	76.4	52.6	72 900
16.0	75.3	52.3	66 300
18.0	73.0	51.7	55 300
20.0	70.6	51.0	46 500
22.0	68.3	50.2	39 200
24.0	65.8	49.4	33 100
26.0	63.4	48.4	27 800 *
28.0	60.8	47.3	22 200 *
30.0	58.3	46.0	17 500 *
32.0	55.6	44.7	13 400 *
34.0	52.8	43.2	9 900 *
36.0	50.0	41.5	6 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	104 500 *
10.0	82.5	56.7	103 000 *
11.0	81.5	56.6	97 300 *
12.0	80.4	56.4	92 000 *
13.0	79.3	56.2	86 700
14.0	78.3	56.0	78 800
15.0	77.2	55.7	71 400
16.0	76.1	55.5	65 000
18.0	74.0	54.9	54 200
20.0	71.8	54.3	45 600
22.0	69.5	53.5	38 500
24.0	67.3	52.7	32 500
26.0	65.0	51.8	27 400
28.0	62.6	50.7	22 900
30.0	60.2	49.6	18 000 *
32.0	57.8	48.4	13 900 *
34.0	55.2	47.0	10 400 *
36.0	52.6	45.5	7 200 *
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	89 700 *
11.0	81.9	59.7	87 200 *
12.0	80.9	59.5	83 400 *
13.0	79.9	59.3	79 800 *
14.0	78.9	59.1	76 200 *
15.0	77.9	58.9	70 200
16.0	76.9	58.6	63 800
18.0	74.8	58.1	53 300
20.0	72.8	57.5	44 800
22.0	70.7	56.8	37 800
24.0	68.5	56.0	31 900
26.0	66.4	55.1	27 000
28.0	64.2	54.2	22 700
30.0	61.9	53.1	18 600
32.0	59.7	52.0	14 500 *
34.0	57.3	50.7	10 800 *
36.0	54.9	49.3	7 700 *
38.0	52.4	47.8	4 900 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed 10 m/s

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

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	81 500 *
12.0	81.4	62.6	79 100 *
13.0	80.4	62.4	75 400 *
14.0	79.5	62.2	72 000 *
15.0	78.5	62.0	68 300
16.0	77.5	61.8	63 100
18.0	75.6	61.3	52 300
20.0	73.6	60.7	44 000
22.0	71.7	60.0	37 100
24.0	69.7	59.3	31 300
26.0	67.6	58.5	26 400
28.0	65.6	57.6	22 200
30.0	63.5	56.6	18 500
32.0	61.3	55.5	14 900
34.0	59.2	54.3	11 200 *
36.0	56.9	53.0	8 100 *
38.0	54.6	51.6	5 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	78 600 *
12.0	81.8	65.7	74 900 *
13.0	80.9	65.5	71 500 *
14.0	80.0	65.3	68 200 *
15.0	79.1	65.1	65 000 *
16.0	78.1	64.9	61 100
18.0	76.3	64.4	51 400
20.0	74.4	63.9	43 100
22.0	72.6	63.2	36 400
24.0	70.7	62.5	30 700
26.0	68.8	61.8	25 900
28.0	66.8	60.9	21 700
30.0	64.8	60.0	18 100
32.0	62.8	59.0	14 900
34.0	60.8	57.9	11 600 *
36.0	58.7	56.7	8 400 *
38.0	56.6	55.4	5 500 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating Wind Speed 10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	201 200 *
8.0	77.8	26.1	189 100 *
8.5	76.6	26.0	177 000 *
9.0	75.4	25.8	166 200 *
10.0	72.9	25.5	147 100 *
11.0	70.4	25.1	125 600 *
12.0	67.8	24.7	107 000 *
13.0	65.2	24.2	91 900 *
14.0	62.6	23.7	79 500 *
15.0	59.8	23.1	69 000 *
16.0	57.0	22.4	60 100 *
18.0	51.1	20.8	45 700 *
20.0	44.5	18.9	34 600 *
22.0	37.0	16.4	24 200 *
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	198 400 *
8.0	79.2	29.2	189 500 *
8.5	78.1	29.1	177 300 *
9.0	77.0	29.0	166 600 *
10.0	74.9	28.7	148 100 *
11.0	72.7	28.4	130 200 *
12.0	70.4	28.0	111 200 *
13.0	68.2	27.6	95 900 *
14.0	65.9	27.1	83 200 *
15.0	63.5	26.6	72 600 *
16.0	61.1	26.0	63 500 *
18.0	56.1	24.7	48 900 *
20.0	50.8	23.1	37 700 *
22.0	45.0	21.2	28 700 *
24.0	38.5	18.8	21 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	195 900 *
7.0	82.2	32.5	194 000 *
7.5	81.2	32.4	191 000 *
8.0	80.3	32.3	187 600 *
8.5	79.3	32.2	177 600 *
9.0	78.4	32.1	166 700 *
10.0	76.4	31.9	147 500 *
11.0	74.5	31.6	128 400 *
12.0	72.5	31.2	113 100 *
13.0	70.5	30.9	99 600 *
14.0	68.5	30.5	86 600 *
15.0	66.4	30.0	75 700 *
16.0	64.3	29.5	66 400 *
18.0	60.0	28.4	51 500 *
20.0	55.4	27.0	40 200 *
22.0	50.6	25.4	31 100 *
24.0	45.4	23.5	23 700 *
26.0	39.7	21.2	17 600 *
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	145 100 *
9.0	79.4	35.2	143 100 *
10.0	77.7	35.0	139 100 *
11.0	75.9	34.7	125 800 *
12.0	74.1	34.4	111 100 *
13.0	72.3	34.1	98 900 *
14.0	70.5	33.8	88 500 *
15.0	68.7	33.3	79 100 *
16.0	66.8	32.9	69 700 *
18.0	63.0	31.9	54 400 *
20.0	59.0	30.7	42 700 *
22.0	54.9	29.3	33 500 *
24.0	50.5	27.7	25 900 *
26.0	45.8	25.8	19 700 *
28.0	40.6	23.6	14 500 *
30.0	34.9	20.9	9 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	142 700 *
9.0	80.3	38.3	141 000 *
10.0	78.7	38.1	137 000 *
11.0	77.1	37.9	122 900 *
12.0	75.5	37.6	108 700 *
13.0	73.9	37.3	96 900 *
14.0	72.2	37.0	86 900 *
15.0	70.5	36.6	78 200 *
16.0	68.9	36.2	70 600 *
18.0	65.4	35.3	56 500 *
20.0	61.9	34.3	44 500 *
22.0	58.2	33.1	35 100 *
24.0	54.4	31.7	27 500 *
26.0	50.4	30.0	21 300 *
28.0	46.1	28.2	16 000 *
30.0	41.4	26.0	11 500 *
32.0	36.3	23.4	7 500 *
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	138 600 *
9.0	81.1	41.4	137 000 *
10.0	79.6	41.3	133 200 *
11.0	78.1	41.0	120 200 *
12.0	76.6	40.8	106 500 *
13.0	75.1	40.5	95 100 *
14.0	73.6	40.2	85 400 *
15.0	72.1	39.9	77 000 *
16.0	70.6	39.5	69 700 *
18.0	67.4	38.7	57 600 *
20.0	64.2	37.7	46 300 *
22.0	60.9	36.6	36 700 *
24.0	57.5	35.4	29 000 *
26.0	54.0	34.0	22 700 *
28.0	50.3	32.3	17 400 *
30.0	46.3	30.5	12 900 *
32.0	42.0	28.3	9 000 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	136 500 *
8.5	82.4	44.6	135 600 *
9.0	81.7	44.5	134 100 *
10.0	80.4	44.4	130 300
11.0	79.0	44.2	117 200
12.0	77.6	43.9	104 100
13.0	76.2	43.7	93 000
14.0	74.8	43.4	83 600
15.0	73.4	43.1	75 400
16.0	72.0	42.8	68 300
18.0	69.1	42.0	56 600
20.0	66.2	41.1	47 100
22.0	63.2	40.1	37 800 *
24.0	60.1	39.0	30 000 *
26.0	56.9	37.7	23 600 *
28.0	53.6	36.3	18 200 *
30.0	50.2	34.6	13 700 *
32.0	46.5	32.8	9 800 *
34.0	42.6	30.7	6 300 *
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	119 100 *
9.0	82.3	47.6	117 600 *
10.0	81.0	47.5	114 300 *
11.0	79.7	47.3	108 700 *
12.0	78.5	47.1	101 800
13.0	77.2	46.8	91 300
14.0	75.9	46.6	82 200
15.0	74.6	46.3	74 300
16.0	73.3	46.0	67 300
18.0	70.6	45.3	55 800
20.0	67.9	44.5	46 700
22.0	65.2	43.6	39 000
24.0	62.3	42.5	31 400 *
26.0	59.4	41.4	24 900 *
28.0	56.4	40.0	19 400 *
30.0	53.3	38.6	14 800 *
32.0	50.1	36.9	10 800 *
34.0	46.7	35.1	7 300 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	115 000 *
9.0	82.8	50.7	114 600 *
10.0	81.6	50.6	110 500 *
11.0	80.4	50.4	104 300 *
12.0	79.2	50.2	98 600
13.0	78.0	50.0	89 200
14.0	76.8	49.7	80 400
15.0	75.6	49.4	72 600
16.0	74.3	49.2	65 900
18.0	71.9	48.5	54 700
20.0	69.4	47.8	45 700
22.0	66.8	46.9	38 300
24.0	64.2	46.0	31 900
26.0	61.5	44.9	25 500 *
28.0	58.8	43.7	20 000 *
30.0	56.0	42.4	15 300 *
32.0	53.1	40.9	11 300 *
34.0	50.0	39.2	7 800 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	111 200 *
10.0	82.1	53.6	106 300 *
11.0	81.0	53.5	100 300 *
12.0	79.8	53.3	94 900 *
13.0	78.7	53.1	87 500
14.0	77.6	52.9	78 800
15.0	76.4	52.6	71 300
16.0	75.3	52.3	64 700
18.0	73.0	51.7	53 700
20.0	70.6	51.0	44 900
22.0	68.3	50.2	37 700
24.0	65.8	49.4	31 700
26.0	63.4	48.4	26 300 *
28.0	60.8	47.3	20 700 *
30.0	58.3	46.0	16 000 *
32.0	55.6	44.7	12 000 *
34.0	52.8	43.2	8 500 *
36.0	50.0	41.5	5 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	102 800 *
10.0	82.5	56.7	101 300 *
11.0	81.5	56.6	95 600 *
12.0	80.4	56.4	90 400 *
13.0	79.3	56.2	85 100
14.0	78.3	56.0	77 100
15.0	77.2	55.7	69 900
16.0	76.1	55.5	63 500
18.0	74.0	54.9	52 700
20.0	71.8	54.3	44 100
22.0	69.5	53.5	37 000
24.0	67.3	52.7	31 100
26.0	65.0	51.8	26 000
28.0	62.6	50.7	21 500 *
30.0	60.2	49.6	16 600 *
32.0	57.8	48.4	12 500 *
34.0	55.2	47.0	8 900 *
36.0	52.6	45.5	5 800 *
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	88 200 *
11.0	81.9	59.7	85 700 *
12.0	80.9	59.5	81 900 *
13.0	79.9	59.3	78 300 *
14.0	78.9	59.1	74 700 *
15.0	77.9	58.9	68 600
16.0	76.9	58.6	62 300
18.0	74.8	58.1	51 800
20.0	72.8	57.5	43 400
22.0	70.7	56.8	36 400
24.0	68.5	56.0	30 500
26.0	66.4	55.1	25 600
28.0	64.2	54.2	21 300
30.0	61.9	53.1	17 300
32.0	59.7	52.0	13 100 *
34.0	57.3	50.7	9 500 *
36.0	54.9	49.3	6 300 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	81 600 *
11.0	82.3	62.7	81 200 *
12.0	81.4	62.6	77 500 *
13.0	80.4	62.4	74 000 *
14.0	79.5	62.2	70 600 *
15.0	78.5	62.0	66 800
16.0	77.5	61.8	61 600
18.0	75.6	61.3	50 800
20.0	73.6	60.7	42 600
22.0	71.7	60.0	35 700
24.0	69.7	59.3	30 000
26.0	67.6	58.5	25 100
28.0	65.6	57.6	20 900
30.0	63.5	56.6	17 200
32.0	61.3	55.5	13 600
34.0	59.2	54.3	9 900 *
36.0	56.9	53.0	6 700 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	77 100 *
12.0	81.8	65.7	73 400 *
13.0	80.9	65.5	70 000 *
14.0	80.0	65.3	66 800 *
15.0	79.1	65.1	63 600 *
16.0	78.1	64.9	59 700
18.0	76.3	64.4	50 000
20.0	74.4	63.9	41 700
22.0	72.6	63.2	35 000
24.0	70.7	62.5	29 400
26.0	68.8	61.8	24 600
28.0	66.8	60.9	20 400
30.0	64.8	60.0	16 800
32.0	62.8	59.0	13 600
34.0	60.8	57.9	10 300 *
36.0	58.7	56.7	7 100 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	198 900 *
8.0	77.8	26.1	187 500 *
8.5	76.6	26.0	175 500 *
9.0	75.4	25.8	164 700 *
10.0	72.9	25.5	145 200 *
11.0	70.4	25.1	123 000 *
12.0	67.8	24.7	104 500 *
13.0	65.2	24.2	89 500 *
14.0	62.6	23.7	77 200 *
15.0	59.8	23.1	66 700 *
16.0	57.0	22.4	57 800 *
18.0	51.1	20.8	43 500 *
20.0	44.5	18.9	32 400 *
22.0	37.0	16.4	22 000 *
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	195 800 *
8.0	79.2	29.2	188 100 *
8.5	78.1	29.1	175 900 *
9.0	77.0	29.0	165 100 *
10.0	74.9	28.7	146 600 *
11.0	72.7	28.4	127 800 *
12.0	70.4	28.0	108 900 *
13.0	68.2	27.6	93 600 *
14.0	65.9	27.1	81 000 *
15.0	63.5	26.6	70 400 *
16.0	61.1	26.0	61 400 *
18.0	56.1	24.7	46 900 *
20.0	50.8	23.1	35 700 *
22.0	45.0	21.2	26 800 *
24.0	38.5	18.8	19 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	193 600 *
7.0	82.2	32.5	191 700 *
7.5	81.2	32.4	188 600 *
8.0	80.3	32.3	185 300 *
8.5	79.3	32.2	176 200 *
9.0	78.4	32.1	165 300 *
10.0	76.4	31.9	144 900 *
11.0	74.5	31.6	126 000 *
12.0	72.5	31.2	110 800 *
13.0	70.5	30.9	97 400 *
14.0	68.5	30.5	84 400 *
15.0	66.4	30.0	73 600 *
16.0	64.3	29.5	64 400 *
18.0	60.0	28.4	49 600 *
20.0	55.4	27.0	38 200 *
22.0	50.6	25.4	29 200 *
24.0	45.4	23.5	21 900 *
26.0	39.7	21.2	15 800 *
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	143 500 *
9.0	79.4	35.2	141 500 *
10.0	77.7	35.0	137 200 *
11.0	75.9	34.7	123 600 *
12.0	74.1	34.4	109 000 *
13.0	72.3	34.1	96 800 *
14.0	70.5	33.8	86 500 *
15.0	68.7	33.3	77 100 *
16.0	66.8	32.9	67 700 *
18.0	63.0	31.9	52 500 *
20.0	59.0	30.7	40 900 *
22.0	54.9	29.3	31 700 *
24.0	50.5	27.7	24 200 *
26.0	45.8	25.8	18 100 *
28.0	40.6	23.6	12 800 *
30.0	34.9	20.9	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	145 700 *
7.5	82.7	38.6	145 000 *
8.0	81.9	38.5	143 200 *
8.5	81.1	38.4	141 400 *
9.0	80.3	38.3	139 700 *
10.0	78.7	38.1	135 400 *
11.0	77.1	37.9	120 800 *
12.0	75.5	37.6	106 700 *
13.0	73.9	37.3	94 900 *
14.0	72.2	37.0	84 900 *
15.0	70.5	36.6	76 300 *
16.0	68.9	36.2	68 800 *
18.0	65.4	35.3	54 700 *
20.0	61.9	34.3	42 800 *
22.0	58.2	33.1	33 400 *
24.0	54.4	31.7	25 900 *
26.0	50.4	30.0	19 600 *
28.0	46.1	28.2	14 400 *
30.0	41.4	26.0	9 900 *
32.0	36.3	23.4	6 000 *
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	137 200 *
9.0	81.1	41.4	135 500 *
10.0	79.6	41.3	131 500 *
11.0	78.1	41.0	118 100 *
12.0	76.6	40.8	104 600 *
13.0	75.1	40.5	93 200 *
14.0	73.6	40.2	83 600 *
15.0	72.1	39.9	75 200 *
16.0	70.6	39.5	67 900 *
18.0	67.4	38.7	55 900 *
20.0	64.2	37.7	44 500 *
22.0	60.9	36.6	35 100 *
24.0	57.5	35.4	27 400 *
26.0	54.0	34.0	21 100 *
28.0	50.3	32.3	15 900 *
30.0	46.3	30.5	11 300 *
32.0	42.0	28.3	7 400 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	134 200 *
9.0	81.7	44.5	132 700 *
10.0	80.4	44.4	128 700
11.0	79.0	44.2	115 200
12.0	77.6	43.9	102 200
13.0	76.2	43.7	91 200
14.0	74.8	43.4	81 800
15.0	73.4	43.1	73 700
16.0	72.0	42.8	66 600
18.0	69.1	42.0	54 900
20.0	66.2	41.1	45 500
22.0	63.2	40.1	36 200 *
24.0	60.1	39.0	28 500 *
26.0	56.9	37.7	22 100 *
28.0	53.6	36.3	16 700 *
30.0	50.2	34.6	12 200 *
32.0	46.5	32.8	8 300 *
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	117 700 *
9.0	82.3	47.6	116 200 *
10.0	81.0	47.5	112 800 *
11.0	79.7	47.3	107 100 *
12.0	78.5	47.1	100 100
13.0	77.2	46.8	89 600
14.0	75.9	46.6	80 500
15.0	74.6	46.3	72 600
16.0	73.3	46.0	65 700
18.0	70.6	45.3	54 200
20.0	67.9	44.5	45 100
22.0	65.2	43.6	37 400
24.0	62.3	42.5	29 900 *
26.0	59.4	41.4	23 400 *
28.0	56.4	40.0	17 900 *
30.0	53.3	38.6	13 300 *
32.0	50.1	36.9	9 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	113 700 *
9.0	82.8	50.7	113 200 *
10.0	81.6	50.6	108 900 *
11.0	80.4	50.4	102 700 *
12.0	79.2	50.2	96 900
13.0	78.0	50.0	87 500
14.0	76.8	49.7	78 700
15.0	75.6	49.4	71 000
16.0	74.3	49.2	64 300
18.0	71.9	48.5	53 100
20.0	69.4	47.8	44 200
22.0	66.8	46.9	36 800
24.0	64.2	46.0	30 400
26.0	61.5	44.9	24 000 *
28.0	58.8	43.7	18 600 *
30.0	56.0	42.4	13 900 *
32.0	53.1	40.9	9 900 *
34.0	50.0	39.2	6 400 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	109 900 *
10.0	82.1	53.6	104 600 *
11.0	81.0	53.5	98 700 *
12.0	79.8	53.3	93 300 *
13.0	78.7	53.1	85 800
14.0	77.6	52.9	77 100
15.0	76.4	52.6	69 700
16.0	75.3	52.3	63 100
18.0	73.0	51.7	52 200
20.0	70.6	51.0	43 500
22.0	68.3	50.2	36 300
24.0	65.8	49.4	30 200
26.0	63.4	48.4	24 900 *
28.0	60.8	47.3	19 400 *
30.0	58.3	46.0	14 700 *
32.0	55.6	44.7	10 700 *
34.0	52.8	43.2	7 100 *

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	99 700 *
11.0	81.5	56.6	94 100 *
12.0	80.4	56.4	88 800 *
13.0	79.3	56.2	83 500
14.0	78.3	56.0	75 600
15.0	77.2	55.7	68 300
16.0	76.1	55.5	61 900
18.0	74.0	54.9	51 300
20.0	71.8	54.3	42 700
22.0	69.5	53.5	35 600
24.0	67.3	52.7	29 700
26.0	65.0	51.8	24 700
28.0	62.6	50.7	20 200 *
30.0	60.2	49.6	15 300 *
32.0	57.8	48.4	11 200 *
34.0	55.2	47.0	7 700 *
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	86 800 *
11.0	81.9	59.7	84 300 *
12.0	80.9	59.5	80 500 *
13.0	79.9	59.3	76 900 *
14.0	78.9	59.1	73 300 *
15.0	77.9	58.9	67 100
16.0	76.9	58.6	60 800
18.0	74.8	58.1	50 400
20.0	72.8	57.5	42 000
22.0	70.7	56.8	35 000
24.0	68.5	56.0	29 200
26.0	66.4	55.1	24 300
28.0	64.2	54.2	20 000
30.0	61.9	53.1	16 000
32.0	59.7	52.0	11 800 *
34.0	57.3	50.7	8 200 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating Wind Speed 10 m/s

Boom No. 44 With Heavy Lift Top
 Luffing Jib No. 133 or No. 133A
 113 040 kg Crane Counterweight
 54 430 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
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	76 100 *
13.0	80.4	62.4	72 600 *
14.0	79.5	62.2	69 100 *
15.0	78.5	62.0	65 400
16.0	77.5	61.8	60 100
18.0	75.6	61.3	49 400
20.0	73.6	60.7	41 200
22.0	71.7	60.0	34 400
24.0	69.7	59.3	28 600
26.0	67.6	58.5	23 800
28.0	65.6	57.6	19 600
30.0	63.5	56.6	16 000
32.0	61.3	55.5	12 300
34.0	59.2	54.3	8 700 *
36.0	56.9	53.0	5 500 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	75 600 *
12.0	81.8	65.7	72 000 *
13.0	80.9	65.5	68 600 *
14.0	80.0	65.3	65 300 *
15.0	79.1	65.1	62 100 *
16.0	78.1	64.9	58 300
18.0	76.3	64.4	48 600
20.0	74.4	63.9	40 400
22.0	72.6	63.2	33 700
24.0	70.7	62.5	28 100
26.0	68.8	61.8	23 300
28.0	66.8	60.9	19 200
30.0	64.8	60.0	15 600
32.0	62.8	59.0	12 400
34.0	60.8	57.9	9 100 *
36.0	58.7	56.7	5 900 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	196 200 *
8.0	77.8	26.1	185 900 *
8.5	76.6	26.0	173 800 *
9.0	75.4	25.8	163 000 *
10.0	72.9	25.5	143 300 *
11.0	70.4	25.1	120 300 *
12.0	67.8	24.7	101 800 *
13.0	65.2	24.2	86 900 *
14.0	62.6	23.7	74 600 *
15.0	59.8	23.1	64 200 *
16.0	57.0	22.4	55 400 *
18.0	51.1	20.8	41 100 *
20.0	44.5	18.9	30 100 *
22.0	37.0	16.4	19 700 *
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	192 800 *
8.0	79.2	29.2	186 700 *
8.5	78.1	29.1	174 300 *
9.0	77.0	29.0	163 500 *
10.0	74.9	28.7	144 700 *
11.0	72.7	28.4	125 200 *
12.0	70.4	28.0	106 400 *
13.0	68.2	27.6	91 200 *
14.0	65.9	27.1	78 600 *
15.0	63.5	26.6	68 100 *
16.0	61.1	26.0	59 100 *
18.0	56.1	24.7	44 600 *
20.0	50.8	23.1	33 500 *
22.0	45.0	21.2	24 600 *
24.0	38.5	18.8	17 100 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	191 000 *
7.0	82.2	32.5	189 100 *
7.5	81.2	32.4	185 900 *
8.0	80.3	32.3	182 700 *
8.5	79.3	32.2	174 800 *
9.0	78.4	32.1	163 800 *
10.0	76.4	31.9	142 200 *
11.0	74.5	31.6	123 600 *
12.0	72.5	31.2	108 400 *
13.0	70.5	30.9	95 100 *
14.0	68.5	30.5	82 100 *
15.0	66.4	30.0	71 400 *
16.0	64.3	29.5	62 100 *
18.0	60.0	28.4	47 400 *
20.0	55.4	27.0	36 100 *
22.0	50.6	25.4	27 200 *
24.0	45.4	23.5	19 900 *
26.0	39.7	21.2	13 800 *
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	141 700 *
9.0	79.4	35.2	139 600 *
10.0	77.7	35.0	135 200 *
11.0	75.9	34.7	121 300 *
12.0	74.1	34.4	106 700 *
13.0	72.3	34.1	94 500 *
14.0	70.5	33.8	84 300 *
15.0	68.7	33.3	75 000 *
16.0	66.8	32.9	65 600 *
18.0	63.0	31.9	50 400 *
20.0	59.0	30.7	38 900 *
22.0	54.9	29.3	29 700 *
24.0	50.5	27.7	22 300 *
26.0	45.8	25.8	16 200 *
28.0	40.6	23.6	11 000 *
30.0	34.9	20.9	6 300 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	144 200 *
7.5	82.7	38.6	143 600 *
8.0	81.9	38.5	141 700 *
8.5	81.1	38.4	139 900 *
9.0	80.3	38.3	138 300 *
10.0	78.7	38.1	133 700 *
11.0	77.1	37.9	118 500 *
12.0	75.5	37.6	104 500 *
13.0	73.9	37.3	92 800 *
14.0	72.2	37.0	82 800 *
15.0	70.5	36.6	74 300 *
16.0	68.9	36.2	66 800 *
18.0	65.4	35.3	52 800 *
20.0	61.9	34.3	40 800 *
22.0	58.2	33.1	31 500 *
24.0	54.4	31.7	24 000 *
26.0	50.4	30.0	17 800 *
28.0	46.1	28.2	12 600 *
30.0	41.4	26.0	8 100 *
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	135 600 *
9.0	81.1	41.4	133 900 *
10.0	79.6	41.3	129 700 *
11.0	78.1	41.0	116 000 *
12.0	76.6	40.8	102 500 *
13.0	75.1	40.5	91 200 *
14.0	73.6	40.2	81 600 *
15.0	72.1	39.9	73 200 *
16.0	70.6	39.5	66 000 *
18.0	67.4	38.7	54 000 *
20.0	64.2	37.7	42 700 *
22.0	60.9	36.6	33 300 *
24.0	57.5	35.4	25 700 *
26.0	54.0	34.0	19 400 *
28.0	50.3	32.3	14 100 *
30.0	46.3	30.5	9 600 *
32.0	42.0	28.3	5 800 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	133 500 *
8.5	82.4	44.6	132 600 *
9.0	81.7	44.5	131 100 *
10.0	80.4	44.4	127 000
11.0	79.0	44.2	113 100
12.0	77.6	43.9	100 200
13.0	76.2	43.7	89 200
14.0	74.8	43.4	79 900
15.0	73.4	43.1	71 800
16.0	72.0	42.8	64 700
18.0	69.1	42.0	53 100
20.0	66.2	41.1	43 700
22.0	63.2	40.1	34 500 *
24.0	60.1	39.0	26 700 *
26.0	56.9	37.7	20 400 *
28.0	53.6	36.3	15 100 *
30.0	50.2	34.6	10 600 *
32.0	46.5	32.8	6 700 *
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	116 100 *
9.0	82.3	47.6	114 700 *
10.0	81.0	47.5	111 200 *
11.0	79.7	47.3	105 400 *
12.0	78.5	47.1	98 200
13.0	77.2	46.8	87 600
14.0	75.9	46.6	78 600
15.0	74.6	46.3	70 700
16.0	73.3	46.0	63 800
18.0	70.6	45.3	52 400
20.0	67.9	44.5	43 400
22.0	65.2	43.6	35 700
24.0	62.3	42.5	28 200 *
26.0	59.4	41.4	21 700 *
28.0	56.4	40.0	16 300 *
30.0	53.3	38.6	11 700 *
32.0	50.1	36.9	7 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	112 100 *
9.0	82.8	50.7	111 700 *
10.0	81.6	50.6	107 100 *
11.0	80.4	50.4	101 000 *
12.0	79.2	50.2	95 100
13.0	78.0	50.0	85 600
14.0	76.8	49.7	76 900
15.0	75.6	49.4	69 200
16.0	74.3	49.2	62 500
18.0	71.9	48.5	51 400
20.0	69.4	47.8	42 500
22.0	66.8	46.9	35 200
24.0	64.2	46.0	28 800
26.0	61.5	44.9	22 400 *
28.0	58.8	43.7	17 000 *
30.0	56.0	42.4	12 300 *
32.0	53.1	40.9	8 400 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	108 200 *
10.0	82.1	53.6	102 800 *
11.0	81.0	53.5	97 000 *
12.0	79.8	53.3	91 600 *
13.0	78.7	53.1	84 000
14.0	77.6	52.9	75 400
15.0	76.4	52.6	67 900
16.0	75.3	52.3	61 400
18.0	73.0	51.7	50 600
20.0	70.6	51.0	41 800
22.0	68.3	50.2	34 700
24.0	65.8	49.4	28 700
26.0	63.4	48.4	23 300 *
28.0	60.8	47.3	17 800 *
30.0	58.3	46.0	13 200 *
32.0	55.6	44.7	9 200 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	99 400 *
10.0	82.5	56.7	98 000 *
11.0	81.5	56.6	92 300 *
12.0	80.4	56.4	87 100 *
13.0	79.3	56.2	81 800
14.0	78.3	56.0	73 900
15.0	77.2	55.7	66 600
16.0	76.1	55.5	60 300
18.0	74.0	54.9	49 600
20.0	71.8	54.3	41 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
22.0	69.5	53.5	34 100
24.0	67.3	52.7	28 200
26.0	65.0	51.8	23 200
28.0	62.6	50.7	18 700 *
30.0	60.2	49.6	13 800 *
32.0	57.8	48.4	9 800 *
34.0	55.2	47.0	6 200 *
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	85 200 *
11.0	81.9	59.7	82 700 *
12.0	80.9	59.5	78 900 *
13.0	79.9	59.3	75 300 *
14.0	78.9	59.1	71 700 *
15.0	77.9	58.9	65 400
16.0	76.9	58.6	59 200
18.0	74.8	58.1	48 800
20.0	72.8	57.5	40 400
22.0	70.7	56.8	33 500
24.0	68.5	56.0	27 700
26.0	66.4	55.1	22 800
28.0	64.2	54.2	18 600
30.0	61.9	53.1	14 500
32.0	59.7	52.0	10 400 *
34.0	57.3	50.7	6 800 *
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	80 600 *
11.0	82.3	62.7	78 200 *
12.0	81.4	62.6	74 500 *
13.0	80.4	62.4	71 000 *
14.0	79.5	62.2	67 500 *
15.0	78.5	62.0	63 800
16.0	77.5	61.8	58 600
18.0	75.6	61.3	47 900
20.0	73.6	60.7	39 700
22.0	71.7	60.0	32 900
24.0	69.7	59.3	27 200
26.0	67.6	58.5	22 400
28.0	65.6	57.6	18 200
30.0	63.5	56.6	14 600
32.0	61.3	55.5	10 900
34.0	59.2	54.3	7 300 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	193 500 *
8.0	77.8	26.1	184 600 *
8.5	76.6	26.0	172 400 *
9.0	75.4	25.8	161 600 *
10.0	72.9	25.5	141 600 *
11.0	70.4	25.1	118 000 *
12.0	67.8	24.7	99 600 *
13.0	65.2	24.2	84 800 *
14.0	62.6	23.7	72 500 *
15.0	59.8	23.1	62 100 *
16.0	57.0	22.4	53 300 *
18.0	51.1	20.8	39 200 *
20.0	44.5	18.9	28 200 *
22.0	37.0	16.4	18 000 *
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	189 900 *
8.0	79.2	29.2	185 500 *
8.5	78.1	29.1	173 000 *
9.0	77.0	29.0	162 200 *
10.0	74.9	28.7	143 200 *
11.0	72.7	28.4	123 000 *
12.0	70.4	28.0	104 300 *
13.0	68.2	27.6	89 200 *
14.0	65.9	27.1	76 700 *
15.0	63.5	26.6	66 200 *
16.0	61.1	26.0	57 200 *
18.0	56.1	24.7	42 800 *
20.0	50.8	23.1	31 800 *
22.0	45.0	21.2	23 000 *
24.0	38.5	18.8	15 500 *

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	183 400 *
8.0	80.3	32.3	180 200 *
8.5	79.3	32.2	173 400 *
9.0	78.4	32.1	162 500 *
10.0	76.4	31.9	140 000 *
11.0	74.5	31.6	121 500 *
12.0	72.5	31.2	106 400 *
13.0	70.5	30.9	93 200 *
14.0	68.5	30.5	80 300 *
15.0	66.4	30.0	69 600 *
16.0	64.3	29.5	60 400 *
18.0	60.0	28.4	45 800 *
20.0	55.4	27.0	34 500 *
22.0	50.6	25.4	25 600 *
24.0	45.4	23.5	18 300 *
26.0	39.7	21.2	12 300 *
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	140 000 *
9.0	79.4	35.2	138 000 *
10.0	77.7	35.0	133 400 *
11.0	75.9	34.7	119 300 *
12.0	74.1	34.4	104 800 *
13.0	72.3	34.1	92 700 *
14.0	70.5	33.8	82 500 *
15.0	68.7	33.3	73 200 *
16.0	66.8	32.9	63 900 *
18.0	63.0	31.9	48 800 *
20.0	59.0	30.7	37 300 *
22.0	54.9	29.3	28 200 *
24.0	50.5	27.7	20 900 *
26.0	45.8	25.8	14 800 *
28.0	40.6	23.6	9 600 *

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	140 700 *
8.5	81.1	38.4	138 900 *
9.0	80.3	38.3	137 200 *
10.0	78.7	38.1	132 300 *
11.0	77.1	37.9	116 600 *
12.0	75.5	37.6	102 700 *
13.0	73.9	37.3	91 000 *
14.0	72.2	37.0	81 200 *
15.0	70.5	36.6	72 700 *
16.0	68.9	36.2	65 200 *
18.0	65.4	35.3	51 200 *
20.0	61.9	34.3	39 400 *
22.0	58.2	33.1	30 100 *
24.0	54.4	31.7	22 600 *
26.0	50.4	30.0	16 400 *
28.0	46.1	28.2	11 300 *
30.0	41.4	26.0	6 800 *
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	134 100 *
9.0	81.1	41.4	132 300 *
10.0	79.6	41.3	128 000 *
11.0	78.1	41.0	114 200 *
12.0	76.6	40.8	100 800 *
13.0	75.1	40.5	89 500 *
14.0	73.6	40.2	80 000 *
15.0	72.1	39.9	71 700 *
16.0	70.6	39.5	64 500 *
18.0	67.4	38.7	52 600 *
20.0	64.2	37.7	41 300 *
22.0	60.9	36.6	31 900 *
24.0	57.5	35.4	24 400 *
26.0	54.0	34.0	18 100 *
28.0	50.3	32.3	12 900 *
30.0	46.3	30.5	8 400 *
32.0	42.0	28.3	4 600 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	132 100 *
8.5	82.4	44.6	131 200 *
9.0	81.7	44.5	129 600 *
10.0	80.4	44.4	125 400
11.0	79.0	44.2	111 500
12.0	77.6	43.9	98 500
13.0	76.2	43.7	87 600
14.0	74.8	43.4	78 300
15.0	73.4	43.1	70 300
16.0	72.0	42.8	63 300
18.0	69.1	42.0	51 700
20.0	66.2	41.1	42 300
22.0	63.2	40.1	33 100 *
24.0	60.1	39.0	25 500 *
26.0	56.9	37.7	19 100 *
28.0	53.6	36.3	13 900 *
30.0	50.2	34.6	9 400 *
32.0	46.5	32.8	5 500 *
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	114 800 *
9.0	82.3	47.6	113 200 *
10.0	81.0	47.5	109 700 *
11.0	79.7	47.3	103 800 *
12.0	78.5	47.1	96 700
13.0	77.2	46.8	86 100
14.0	75.9	46.6	77 100
15.0	74.6	46.3	69 300
16.0	73.3	46.0	62 500
18.0	70.6	45.3	51 100
20.0	67.9	44.5	42 100
22.0	65.2	43.6	34 500
24.0	62.3	42.5	27 000 *
26.0	59.4	41.4	20 500 *
28.0	56.4	40.0	15 200 *
30.0	53.3	38.6	10 600 *
32.0	50.1	36.9	6 700 *
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	110 800 *
9.0	82.8	50.7	110 300 *
10.0	81.6	50.6	105 500 *
11.0	80.4	50.4	99 400 *
12.0	79.2	50.2	93 500
13.0	78.0	50.0	84 200
14.0	76.8	49.7	75 400
15.0	75.6	49.4	67 800
16.0	74.3	49.2	61 200
18.0	71.9	48.5	50 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
20.0	69.4	47.8	41 200
22.0	66.8	46.9	34 000
24.0	64.2	46.0	27 600
26.0	61.5	44.9	21 300 *
28.0	58.8	43.7	15 900 *
30.0	56.0	42.4	11 200 *
32.0	53.1	40.9	7 300 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	106 600 *
10.0	82.1	53.6	101 200 *
11.0	81.0	53.5	95 400 *
12.0	79.8	53.3	90 000 *
13.0	78.7	53.1	82 600
14.0	77.6	52.9	74 000
15.0	76.4	52.6	66 600
16.0	75.3	52.3	60 100
18.0	73.0	51.7	49 300
20.0	70.6	51.0	40 600
22.0	68.3	50.2	33 500
24.0	65.8	49.4	27 600
26.0	63.4	48.4	22 200 *
28.0	60.8	47.3	16 700 *
30.0	58.3	46.0	12 100 *
32.0	55.6	44.7	8 100 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	97 800 *
10.0	82.5	56.7	96 400 *
11.0	81.5	56.6	90 700 *
12.0	80.4	56.4	85 500 *
13.0	79.3	56.2	80 300
14.0	78.3	56.0	72 600
15.0	77.2	55.7	65 400
16.0	76.1	55.5	59 000
18.0	74.0	54.9	48 400
20.0	71.8	54.3	39 900
22.0	69.5	53.5	32 900
24.0	67.3	52.7	27 100
26.0	65.0	51.8	22 100
28.0	62.6	50.7	17 600 *
30.0	60.2	49.6	12 700 *
32.0	57.8	48.4	8 700 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	83 800 *
11.0	81.9	59.7	81 300 *
12.0	80.9	59.5	77 500 *
13.0	79.9	59.3	73 900 *
14.0	78.9	59.1	70 200 *
15.0	77.9	58.9	64 200
16.0	76.9	58.6	58 000
18.0	74.8	58.1	47 600
20.0	72.8	57.5	39 300
22.0	70.7	56.8	32 400
24.0	68.5	56.0	26 700
26.0	66.4	55.1	21 800
28.0	64.2	54.2	17 600
30.0	61.9	53.1	13 500
32.0	59.7	52.0	9 300 *
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	79 100 *
11.0	82.3	62.7	76 700 *
12.0	81.4	62.6	73 100 *
13.0	80.4	62.4	69 600 *
14.0	79.5	62.2	66 100 *
15.0	78.5	62.0	62 400
16.0	77.5	61.8	57 500
18.0	75.6	61.3	46 800
20.0	73.6	60.7	38 600
22.0	71.7	60.0	31 800
24.0	69.7	59.3	26 200
26.0	67.6	58.5	21 300
28.0	65.6	57.6	17 200
30.0	63.5	56.6	13 600
32.0	61.3	55.5	9 900
34.0	59.2	54.3	6 300 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	190 000 *
8.0	77.8	26.1	183 000 *
8.5	76.6	26.0	170 600 *
9.0	75.4	25.8	159 900 *
10.0	72.9	25.5	138 900 *
11.0	70.4	25.1	115 100 *
12.0	67.8	24.7	96 800 *
13.0	65.2	24.2	82 000 *
14.0	62.6	23.7	69 800 *
15.0	59.8	23.1	59 500 *
16.0	57.0	22.4	50 800 *
18.0	51.1	20.8	36 700 *
20.0	44.5	18.9	25 800 *
22.0	37.0	16.4	15 600 *
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	187 200 *
8.0	79.2	29.2	183 100 *
8.5	78.1	29.1	171 300 *
9.0	77.0	29.0	160 500 *
10.0	74.9	28.7	140 800 *
11.0	72.7	28.4	120 300 *
12.0	70.4	28.0	101 600 *
13.0	68.2	27.6	86 600 *
14.0	65.9	27.1	74 100 *
15.0	63.5	26.6	63 700 *
16.0	61.1	26.0	54 700 *
18.0	56.1	24.7	40 500 *
20.0	50.8	23.1	29 500 *
22.0	45.0	21.2	20 700 *
24.0	38.5	18.8	13 300 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	186 200 *
7.0	82.2	32.5	184 200 *
7.5	81.2	32.4	180 900 *
8.0	80.3	32.3	177 700 *
8.5	79.3	32.2	171 600 *
9.0	78.4	32.1	160 400 *
10.0	76.4	31.9	137 300 *
11.0	74.5	31.6	118 900 *
12.0	72.5	31.2	103 900 *
13.0	70.5	30.9	90 700 *
14.0	68.5	30.5	77 900 *
15.0	66.4	30.0	67 200 *
16.0	64.3	29.5	58 100 *
18.0	60.0	28.4	43 500 *
20.0	55.4	27.0	32 300 *
22.0	50.6	25.4	23 400 *
24.0	45.4	23.5	16 200 *
26.0	39.7	21.2	10 300 *
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	138 400 *
9.0	79.4	35.2	136 300 *
10.0	77.7	35.0	131 400 *
11.0	75.9	34.7	116 800 *
12.0	74.1	34.4	102 400 *
13.0	72.3	34.1	90 400 *
14.0	70.5	33.8	80 200 *
15.0	68.7	33.3	71 000 *
16.0	66.8	32.9	61 600 *
18.0	63.0	31.9	46 700 *
20.0	59.0	30.7	35 200 *
22.0	54.9	29.3	26 200 *
24.0	50.5	27.7	18 800 *
26.0	45.8	25.8	12 800 *
28.0	40.6	23.6	7 700 *

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	139 100 *
8.5	81.1	38.4	137 300 *
9.0	80.3	38.3	135 600 *
10.0	78.7	38.1	130 500 *
11.0	77.1	37.9	114 300 *
12.0	75.5	37.6	100 400 *
13.0	73.9	37.3	88 800 *
14.0	72.2	37.0	79 000 *
15.0	70.5	36.6	70 500 *
16.0	68.9	36.2	63 100 *
18.0	65.4	35.3	49 200 *
20.0	61.9	34.3	37 300 *
22.0	58.2	33.1	28 100 *
24.0	54.4	31.7	20 700 *
26.0	50.4	30.0	14 500 *
28.0	46.1	28.2	9 400 *
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	134 700 *
8.0	82.6	41.6	134 400 *
8.5	81.8	41.5	132 600 *
9.0	81.1	41.4	130 900 *
10.0	79.6	41.3	126 300 *
11.0	78.1	41.0	111 900 *
12.0	76.6	40.8	98 600 *
13.0	75.1	40.5	87 400 *
14.0	73.6	40.2	77 800 *
15.0	72.1	39.9	69 600 *
16.0	70.6	39.5	62 400 *
18.0	67.4	38.7	50 600 *
20.0	64.2	37.7	39 300 *
22.0	60.9	36.6	30 000 *
24.0	57.5	35.4	22 500 *
26.0	54.0	34.0	16 300 *
28.0	50.3	32.3	11 100 *
30.0	46.3	30.5	6 600 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	130 700 *
8.5	82.4	44.6	129 800 *
9.0	81.7	44.5	128 200 *
10.0	80.4	44.4	123 700
11.0	79.0	44.2	109 200
12.0	77.6	43.9	96 400
13.0	76.2	43.7	85 600
14.0	74.8	43.4	76 300
15.0	73.4	43.1	68 300
16.0	72.0	42.8	61 400
18.0	69.1	42.0	49 800
20.0	66.2	41.1	40 500
22.0	63.2	40.1	31 300 *
24.0	60.1	39.0	23 600 *
26.0	56.9	37.7	17 400 *
28.0	53.6	36.3	12 100 *
30.0	50.2	34.6	7 600 *
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	113 300 *
9.0	82.3	47.6	111 800 *
10.0	81.0	47.5	108 300 *
11.0	79.7	47.3	102 300 *
12.0	78.5	47.1	94 800
13.0	77.2	46.8	84 100
14.0	75.9	46.6	75 100
15.0	74.6	46.3	67 400
16.0	73.3	46.0	60 600
18.0	70.6	45.3	49 300
20.0	67.9	44.5	40 300
22.0	65.2	43.6	32 700
24.0	62.3	42.5	25 300 *
26.0	59.4	41.4	18 800 *
28.0	56.4	40.0	13 400 *
30.0	53.3	38.6	8 900 *
32.0	50.1	36.9	5 000 *
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	109 400 *
9.0	82.8	50.7	109 000 *
10.0	81.6	50.6	103 900 *
11.0	80.4	50.4	97 900 *
12.0	79.2	50.2	91 700
13.0	78.0	50.0	82 200
14.0	76.8	49.7	73 600
15.0	75.6	49.4	66 000
16.0	74.3	49.2	59 300
18.0	71.9	48.5	48 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
20.0	69.4	47.8	39 500
22.0	66.8	46.9	32 300
24.0	64.2	46.0	25 900
26.0	61.5	44.9	19 600 *
28.0	58.8	43.7	14 200 *
30.0	56.0	42.4	9 600 *
32.0	53.1	40.9	5 700 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	105 000 *
10.0	82.1	53.6	99 700 *
11.0	81.0	53.5	93 900 *
12.0	79.8	53.3	88 400 *
13.0	78.7	53.1	80 700
14.0	77.6	52.9	72 100
15.0	76.4	52.6	64 800
16.0	75.3	52.3	58 300
18.0	73.0	51.7	47 600
20.0	70.6	51.0	38 900
22.0	68.3	50.2	31 900
24.0	65.8	49.4	26 000
26.0	63.4	48.4	20 600 *
28.0	60.8	47.3	15 100 *
30.0	58.3	46.0	10 500 *
32.0	55.6	44.7	6 500 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	96 200 *
10.0	82.5	56.7	94 800 *
11.0	81.5	56.6	89 200 *
12.0	80.4	56.4	84 000 *
13.0	79.3	56.2	78 700
14.0	78.3	56.0	70 700
15.0	77.2	55.7	63 600
16.0	76.1	55.5	57 300
18.0	74.0	54.9	46 800
20.0	71.8	54.3	38 300
22.0	69.5	53.5	31 300
24.0	67.3	52.7	25 500
26.0	65.0	51.8	20 600
28.0	62.6	50.7	16 000 *
30.0	60.2	49.6	11 200 *
32.0	57.8	48.4	7 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	82 400 *
11.0	81.9	59.7	79 900 *
12.0	80.9	59.5	76 200 *
13.0	79.9	59.3	72 500 *
14.0	78.9	59.1	68 800 *
15.0	77.9	58.9	62 400
16.0	76.9	58.6	56 300
18.0	74.8	58.1	46 000
20.0	72.8	57.5	37 700
22.0	70.7	56.8	30 800
24.0	68.5	56.0	25 100
26.0	66.4	55.1	20 200
28.0	64.2	54.2	16 100
30.0	61.9	53.1	12 000
32.0	59.7	52.0	7 900 *
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	77 700 *
11.0	82.3	62.7	75 400 *
12.0	81.4	62.6	71 700 *
13.0	80.4	62.4	68 200 *
14.0	79.5	62.2	64 700 *
15.0	78.5	62.0	60 900
16.0	77.5	61.8	55 700
18.0	75.6	61.3	45 100
20.0	73.6	60.7	37 000
22.0	71.7	60.0	30 300
24.0	69.7	59.3	24 700
26.0	67.6	58.5	19 900
28.0	65.6	57.6	15 700
30.0	63.5	56.6	12 200
32.0	61.3	55.5	8 400



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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
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	186 600 *
8.0	77.8	26.1	181 400 *
8.5	76.6	26.0	168 900 *
9.0	75.4	25.8	158 200 *
10.0	72.9	25.5	135 700 *
11.0	70.4	25.1	112 200 *
12.0	67.8	24.7	94 000 *
13.0	65.2	24.2	79 300 *
14.0	62.6	23.7	67 200 *
15.0	59.8	23.1	57 000 *
16.0	57.0	22.4	48 200 *
18.0	51.1	20.8	34 200 *
20.0	44.5	18.9	23 400 *
22.0	37.0	16.4	13 300 *
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	184 100 *
8.0	79.2	29.2	180 200 *
8.5	78.1	29.1	169 700 *
9.0	77.0	29.0	158 900 *
10.0	74.9	28.7	137 800 *
11.0	72.7	28.4	117 600 *
12.0	70.4	28.0	99 000 *
13.0	68.2	27.6	84 100 *
14.0	65.9	27.1	71 700 *
15.0	63.5	26.6	61 300 *
16.0	61.1	26.0	52 400 *
18.0	56.1	24.7	38 200 *
20.0	50.8	23.1	27 200 *
22.0	45.0	21.2	18 500 *
24.0	38.5	18.8	11 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	183 500 *
7.0	82.2	32.5	181 500 *
7.5	81.2	32.4	178 100 *
8.0	80.3	32.3	174 800 *
8.5	79.3	32.2	169 900 *
9.0	78.4	32.1	157 700 *
10.0	76.4	31.9	134 600 *
11.0	74.5	31.6	116 300 *
12.0	72.5	31.2	101 400 *
13.0	70.5	30.9	88 300 *
14.0	68.5	30.5	75 500 *
15.0	66.4	30.0	64 900 *
16.0	64.3	29.5	55 900 *
18.0	60.0	28.4	41 300 *
20.0	55.4	27.0	30 200 *
22.0	50.6	25.4	21 400 *
24.0	45.4	23.5	14 200 *
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	136 600 *
9.0	79.4	35.2	134 500 *
10.0	77.7	35.0	129 400 *
11.0	75.9	34.7	114 400 *
12.0	74.1	34.4	100 000 *
13.0	72.3	34.1	88 100 *
14.0	70.5	33.8	78 000 *
15.0	68.7	33.3	68 800 *
16.0	66.8	32.9	59 500 *
18.0	63.0	31.9	44 600 *
20.0	59.0	30.7	33 200 *
22.0	54.9	29.3	24 200 *
24.0	50.5	27.7	16 900 *
26.0	45.8	25.8	10 900 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	140 400 *
7.5	82.7	38.6	139 600 *
8.0	81.9	38.5	137 700 *
8.5	81.1	38.4	135 900 *
9.0	80.3	38.3	134 200 *
10.0	78.7	38.1	128 800 *
11.0	77.1	37.9	112 000 *
12.0	75.5	37.6	98 200 *
13.0	73.9	37.3	86 600 *
14.0	72.2	37.0	76 800 *
15.0	70.5	36.6	68 400 *
16.0	68.9	36.2	61 000 *
18.0	65.4	35.3	47 100 *
20.0	61.9	34.3	35 400 *
22.0	58.2	33.1	26 200 *
24.0	54.4	31.7	18 900 *
26.0	50.4	30.0	12 800 *
28.0	46.1	28.2	7 600 *
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	134 700 *
8.0	82.6	41.6	134 400 *
8.5	81.8	41.5	132 600 *
9.0	81.1	41.4	130 800 *
10.0	79.6	41.3	125 600 *
11.0	78.1	41.0	109 700 *
12.0	76.6	40.8	96 400 *
13.0	75.1	40.5	85 300 *
14.0	73.6	40.2	75 800 *
15.0	72.1	39.9	67 600 *
16.0	70.6	39.5	60 500 *
18.0	67.4	38.7	48 700 *
20.0	64.2	37.7	37 500 *
22.0	60.9	36.6	28 200 *
24.0	57.5	35.4	20 700 *
26.0	54.0	34.0	14 600 *
28.0	50.3	32.3	9 400 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	129 100 *
8.5	82.4	44.6	128 200 *
9.0	81.7	44.5	126 600 *
10.0	80.4	44.4	121 900
11.0	79.0	44.2	107 100
12.0	77.6	43.9	94 300
13.0	76.2	43.7	83 500
14.0	74.8	43.4	74 300
15.0	73.4	43.1	66 400
16.0	72.0	42.8	59 400
18.0	69.1	42.0	48 000
20.0	66.2	41.1	38 700
22.0	63.2	40.1	29 600 *
24.0	60.1	39.0	22 000 *
26.0	56.9	37.7	15 700 *
28.0	53.6	36.3	10 500 *
30.0	50.2	34.6	6 100 *
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	111 800 *
9.0	82.3	47.6	110 300 *
10.0	81.0	47.5	106 700 *
11.0	79.7	47.3	100 500 *
12.0	78.5	47.1	93 000
13.0	77.2	46.8	82 100
14.0	75.9	46.6	73 200
15.0	74.6	46.3	65 500
16.0	73.3	46.0	58 700
18.0	70.6	45.3	47 500
20.0	67.9	44.5	38 600
22.0	65.2	43.6	31 000
24.0	62.3	42.5	23 600 *
26.0	59.4	41.4	17 200 *
28.0	56.4	40.0	11 900 *
30.0	53.3	38.6	7 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	108 000 *
9.0	82.8	50.7	107 500 *
10.0	81.6	50.6	102 200 *
11.0	80.4	50.4	96 100 *
12.0	79.2	50.2	89 900
13.0	78.0	50.0	80 400
14.0	76.8	49.7	71 700
15.0	75.6	49.4	64 200
16.0	74.3	49.2	57 600
18.0	71.9	48.5	46 600
20.0	69.4	47.8	37 800
22.0	66.8	46.9	30 700
24.0	64.2	46.0	24 300
26.0	61.5	44.9	18 000 *
28.0	58.8	43.7	12 700 *
30.0	56.0	42.4	8 100 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	103 300 *
10.0	82.1	53.6	98 000 *
11.0	81.0	53.5	92 100 *
12.0	79.8	53.3	86 800 *
13.0	78.7	53.1	78 900
14.0	77.6	52.9	70 400
15.0	76.4	52.6	63 100
16.0	75.3	52.3	56 600
18.0	73.0	51.7	45 900
20.0	70.6	51.0	37 400
22.0	68.3	50.2	30 300
24.0	65.8	49.4	24 400
26.0	63.4	48.4	19 100 *
28.0	60.8	47.3	13 600 *
30.0	58.3	46.0	9 000 *
32.0	55.6	44.7	5 100 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	94 500 *
10.0	82.5	56.7	93 100 *
11.0	81.5	56.6	87 500 *
12.0	80.4	56.4	82 300 *
13.0	79.3	56.2	77 000
14.0	78.3	56.0	69 000
15.0	77.2	55.7	61 900
16.0	76.1	55.5	55 600
18.0	74.0	54.9	45 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
20.0	71.8	54.3	36 700
22.0	69.5	53.5	29 800
24.0	67.3	52.7	24 000
26.0	65.0	51.8	19 100
28.0	62.6	50.7	14 500 *
30.0	60.2	49.6	9 800 *
32.0	57.8	48.4	5 800 *
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	80 900 *
11.0	81.9	59.7	78 400 *
12.0	80.9	59.5	74 600 *
13.0	79.9	59.3	70 900 *
14.0	78.9	59.1	67 200 *
15.0	77.9	58.9	60 800
16.0	76.9	58.6	54 700
18.0	74.8	58.1	44 400
20.0	72.8	57.5	36 200
22.0	70.7	56.8	29 300
24.0	68.5	56.0	23 700
26.0	66.4	55.1	18 800
28.0	64.2	54.2	14 700
30.0	61.9	53.1	10 600 *
32.0	59.7	52.0	6 500 *
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	76 200 *
11.0	82.3	62.7	73 800 *
12.0	81.4	62.6	70 200 *
13.0	80.4	62.4	66 700 *
14.0	79.5	62.2	63 200 *
15.0	78.5	62.0	59 300
16.0	77.5	61.8	54 100
18.0	75.6	61.3	43 600
20.0	73.6	60.7	35 500
22.0	71.7	60.0	28 800
24.0	69.7	59.3	23 200
26.0	67.6	58.5	18 500
28.0	65.6	57.6	14 400
30.0	63.5	56.6	10 800
32.0	61.3	55.5	7 100



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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
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	182 900 *
8.0	77.8	26.1	178 600 *
8.5	76.6	26.0	167 100 *
9.0	75.4	25.8	156 300 *
10.0	72.9	25.5	132 400 *
11.0	70.4	25.1	109 100 *
12.0	67.8	24.7	91 100 *
13.0	65.2	24.2	76 400 *
14.0	62.6	23.7	64 300 *
15.0	59.8	23.1	54 100 *
16.0	57.0	22.4	45 500 *
18.0	51.1	20.8	31 600 *
20.0	44.5	18.9	20 800 *
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	180 700 *
8.0	79.2	29.2	177 000 *
8.5	78.1	29.1	168 000 *
9.0	77.0	29.0	157 200 *
10.0	74.9	28.7	134 600 *
11.0	72.7	28.4	114 700 *
12.0	70.4	28.0	96 200 *
13.0	68.2	27.6	81 300 *
14.0	65.9	27.1	69 000 *
15.0	63.5	26.6	58 700 *
16.0	61.1	26.0	49 800 *
18.0	56.1	24.7	35 600 *
20.0	50.8	23.1	24 800 *
22.0	45.0	21.2	16 100 *
24.0	38.5	18.8	8 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	180 600 *
7.0	82.2	32.5	178 500 *
7.5	81.2	32.4	175 000 *
8.0	80.3	32.3	171 600 *
8.5	79.3	32.2	167 700 *
9.0	78.4	32.1	154 600 *
10.0	76.4	31.9	131 700 *
11.0	74.5	31.6	113 500 *
12.0	72.5	31.2	98 700 *
13.0	70.5	30.9	85 700 *
14.0	68.5	30.5	73 000 *
15.0	66.4	30.0	62 400 *
16.0	64.3	29.5	53 400 *
18.0	60.0	28.4	38 900 *
20.0	55.4	27.0	27 900 *
22.0	50.6	25.4	19 100 *
24.0	45.4	23.5	12 000 *
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	134 500 *
9.0	79.4	35.2	132 400 *
10.0	77.7	35.0	127 100 *
11.0	75.9	34.7	111 700 *
12.0	74.1	34.4	97 500 *
13.0	72.3	34.1	85 600 *
14.0	70.5	33.8	75 500 *
15.0	68.7	33.3	66 400 *
16.0	66.8	32.9	57 100 *
18.0	63.0	31.9	42 300 *
20.0	59.0	30.7	31 000 *
22.0	54.9	29.3	22 000 *
24.0	50.5	27.7	14 800 *
26.0	45.8	25.8	8 800 *

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	136 100 *
8.5	81.1	38.4	134 300 *
9.0	80.3	38.3	132 500 *
10.0	78.7	38.1	126 800 *
11.0	77.1	37.9	109 400 *
12.0	75.5	37.6	95 700 *
13.0	73.9	37.3	84 200 *
14.0	72.2	37.0	74 500 *
15.0	70.5	36.6	66 100 *
16.0	68.9	36.2	58 700 *
18.0	65.4	35.3	44 900 *
20.0	61.9	34.3	33 300 *
22.0	58.2	33.1	24 200 *
24.0	54.4	31.7	16 800 *
26.0	50.4	30.0	10 800 *
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	131 300 *
8.0	82.6	41.6	131 000 *
8.5	81.8	41.5	129 100 *
9.0	81.1	41.4	127 300 *
10.0	79.6	41.3	122 400 *
11.0	78.1	41.0	107 300 *
12.0	76.6	40.8	94 100 *
13.0	75.1	40.5	83 000 *
14.0	73.6	40.2	73 600 *
15.0	72.1	39.9	65 400 *
16.0	70.6	39.5	58 300 *
18.0	67.4	38.7	46 600 *
20.0	64.2	37.7	35 400 *
22.0	60.9	36.6	26 200 *
24.0	57.5	35.4	18 800 *
26.0	54.0	34.0	12 600 *
28.0	50.3	32.3	7 500 *



Liftcrane Boom Capacities With Luffing Jib Attached

2250 SERIES 3

Maximum Operating
Wind Speed
10 m/s

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
113 040 kg Crane Counterweight
54 430 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	127 400 *
8.5	82.4	44.6	126 400 *
9.0	81.7	44.5	124 800 *
10.0	80.4	44.4	119 900
11.0	79.0	44.2	104 800
12.0	77.6	43.9	92 000
13.0	76.2	43.7	81 300
14.0	74.8	43.4	72 200
15.0	73.4	43.1	64 300
16.0	72.0	42.8	57 400
18.0	69.1	42.0	46 000
20.0	66.2	41.1	36 800
22.0	63.2	40.1	27 600 *
24.0	60.1	39.0	20 000 *
26.0	56.9	37.7	13 800 *
28.0	53.6	36.3	8 600 *
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	110 100 *
9.0	82.3	47.6	108 600 *
10.0	81.0	47.5	104 900 *
11.0	79.7	47.3	98 700
12.0	78.5	47.1	90 900
13.0	77.2	46.8	80 000
14.0	75.9	46.6	71 200
15.0	74.6	46.3	63 500
16.0	73.3	46.0	56 700
18.0	70.6	45.3	45 600
20.0	67.9	44.5	36 700
22.0	65.2	43.6	29 200
24.0	62.3	42.5	21 800 *
26.0	59.4	41.4	15 400 *
28.0	56.4	40.0	10 100 *
30.0	53.3	38.6	5 600 *
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	106 300 *
9.0	82.8	50.7	105 800 *
10.0	81.6	50.6	100 200 *
11.0	80.4	50.4	94 200 *
12.0	79.2	50.2	87 900
13.0	78.0	50.0	78 300
14.0	76.8	49.7	69 700
15.0	75.6	49.4	62 200
16.0	74.3	49.2	55 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) BOOM			
18.0	71.9	48.5	44 800
20.0	69.4	47.8	36 000
22.0	66.8	46.9	28 900
24.0	64.2	46.0	22 500
26.0	61.5	44.9	16 300 *
28.0	58.8	43.7	11 000 *
30.0	56.0	42.4	6 400 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	101 300 *
10.0	82.1	53.6	96 000 *
11.0	81.0	53.5	90 200 *
12.0	79.8	53.3	84 800 *
13.0	78.7	53.1	76 900
14.0	77.6	52.9	68 400
15.0	76.4	52.6	61 200
16.0	75.3	52.3	54 800
18.0	73.0	51.7	44 100
20.0	70.6	51.0	35 500
22.0	68.3	50.2	28 600
24.0	65.8	49.4	22 700
26.0	63.4	48.4	17 300 *
28.0	60.8	47.3	11 900 *
30.0	58.3	46.0	7 400 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	92 600 *
10.0	82.5	56.7	91 200 *
11.0	81.5	56.6	85 600 *
12.0	80.4	56.4	80 400 *
13.0	79.3	56.2	75 100
14.0	78.3	56.0	67 100
15.0	77.2	55.7	60 000
16.0	76.1	55.5	53 800
18.0	74.0	54.9	43 400
20.0	71.8	54.3	35 000
22.0	69.5	53.5	28 100
24.0	67.3	52.7	22 400
26.0	65.0	51.8	17 500
28.0	62.6	50.7	12 900 *
30.0	60.2	49.6	8 100 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	79 100 *
11.0	81.9	59.7	76 600 *
12.0	80.9	59.5	72 900 *
13.0	79.9	59.3	69 200 *
14.0	78.9	59.1	65 500 *
15.0	77.9	58.9	59 000
16.0	76.9	58.6	52 900
18.0	74.8	58.1	42 700
20.0	72.8	57.5	34 500
22.0	70.7	56.8	27 700
24.0	68.5	56.0	22 000
26.0	66.4	55.1	17 300
28.0	64.2	54.2	13 100
30.0	61.9	53.1	9 000 *
32.0	59.7	52.0	4 900 *
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	74 500 *
11.0	82.3	62.7	72 100 *
12.0	81.4	62.6	68 400 *
13.0	80.4	62.4	64 900 *
14.0	79.5	62.2	61 400 *
15.0	78.5	62.0	57 600
16.0	77.5	61.8	52 300
18.0	75.6	61.3	41 900
20.0	73.6	60.7	33 900
22.0	71.7	60.0	27 200
24.0	69.7	59.3	21 600
26.0	67.6	58.5	16 900
28.0	65.6	57.6	12 900
30.0	63.5	56.6	9 300
32.0	61.3	55.5	5 500