

# Liftcrane Luffing Jib Capacities

# 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**LIFTING CAPACITIES:** Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*). Capacities indicated by (b) require 2 180 kg minimum block weight.

Upper luffing jib point capacity for liftcrane service with single part whip line is 13 610 kg. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacities.

64.0m thru 76.2m 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, hoist lines, etc., beneath boom and luffing jib point sheaves, is considered part of luffing jib load. Boom and luffing jib are 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 properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 194186** and **No. 192086**, Wire Rope Specification chart **No. 8147-A**, Counterweight Arrangement chart **No. 8026-A** and Luffing Jib Raising Procedure chart

**No. 8146-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.

**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8148-A**.

**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. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

**LUFFING JIB POINT ELEVATION:** Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 12 part boom hoist reeving, boom support straps, 10 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, 94 890 kg crane counterweight and two 13 610 kg carbody counterweights.



# Liftcrane Luffing Jib Capacities 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**64.0m (210 Ft.) Boom  
48.8m(160 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	74.2	113.9	26 800 *			
20.0	72.1	113.4	26 000 *			
22.0	69.6	112.7	24 900 *			
24.0	67.1	111.8	23 800 *			
26.0	64.5	110.9	22 600 *			
28.0	61.9	109.9	21 300 *	69.1	112.0	27 000 *
30.0	59.1	108.7	20 100 *	66.6	111.2	26 300 *
32.0	56.3	107.5	18 900 *	64.0	110.3	25 100 *
34.0	53.5	106.0	17 600 *	61.3	109.2	24 000 *
36.0	50.5	104.4	16 500 *	58.6	108.0	22 800 *
38.0	47.3	102.7	15 400 *	55.8	106.7	21 800 *
42.0	40.5	98.4	13 400 *	49.9	103.6	19 800 *
46.0	32.5	92.9	11 600 *	43.4	99.8	16 900 *
50.0	22.0	85.0	10 200 *	35.9	94.9	14 500 *
54.0				26.7	88.2	12 600 *

**64.0m (210 Ft.) Boom  
54.9m (180 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	76.0	120.2	23 200 *			
20.0	74.2	119.8	22 700 *			
22.0	72.0	119.1	21 900 *			
24.0	69.8	118.4	21 100 *			
26.0	67.5	117.6	20 200 *			
28.0	65.2	116.7	19 300 *			
30.0	62.9	115.7	18 400 *	69.3	117.8	23 400 *
32.0	60.5	114.6	17 400 *	67.1	117.0	22 900 *
34.0	58.1	113.4	16 500 *	64.8	116.1	22 400 *
36.0	55.6	112.1	15 500 *	62.4	115.1	21 700 *
38.0	53.0	110.6	14 600 *	60.1	113.9	20 700 *
42.0	47.5	107.3	12 800 *	55.1	111.4	19 000 *
46.0	41.5	103.1	11 300 *	49.8	108.2	16 700 *
50.0	34.7	98.0	9 900 *	44.0	104.4	14 300 *
54.0	26.3	91.0	8 700 *	37.6	99.7	12 300 *
58.0	13.9	79.9	7 700 *	30.0	93.7	10 700 *
62.0				19.9	84.9	9 300 *

**64.0m (210 Ft.) Boom  
51.8m (170 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	75.2	117.1	25 000 *			
20.0	73.2	116.6	24 300 *			
22.0	70.9	115.9	23 400 *			
24.0	68.5	115.1	22 400 *			
26.0	66.1	114.3	21 400 *			
28.0	63.6	113.3	20 400 *			
30.0	61.1	112.3	19 300 *	68.1	114.5	25 200 *
32.0	58.6	111.1	18 200 *	65.6	113.6	24 500 *
34.0	55.9	109.8	17 100 *	63.2	112.7	23 500 *
36.0	53.2	108.3	16 000 *	60.7	111.6	22 500 *
38.0	50.4	106.7	15 000 *	58.1	110.4	21 500 *
42.0	44.3	103.0	13 100 *	52.7	107.6	19 600 *
46.0	37.5	98.3	11 500 *	46.8	104.1	17 000 *
50.0	29.4	92.1	10 000 *	40.4	99.9	14 500 *
54.0	18.2	82.9	8 800 *	32.9	94.4	12 600 *
58.0				23.3	86.8	10 900 *

**64.0m (210 Ft.) Boom  
57.9m (190 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19.8	75.2	123.0	21 200 *			
20.0	75.0	122.9	21 100 *			
22.0	73.0	122.3	20 500 *			
24.0	70.9	121.7	19 800 *			
26.0	68.8	120.9	19 100 *			
28.0	66.6	120.1	18 300 *			
30.0	64.4	119.1	17 500 *			
32.0	62.2	118.1	16 600 *	68.4	120.3	21 400 *
34.0	59.9	117.0	15 800 *	66.2	119.4	21 000 *
36.0	57.6	115.8	15 000 *	64.0	118.5	20 500 *
38.0	55.2	114.4	14 100 *	61.8	117.4	19 900 *
42.0	50.2	111.3	12 500 *	57.2	115.0	18 500 *
46.0	44.8	107.6	11 100 *	52.3	112.2	16 500 *
50.0	38.8	103.1	9 700 *	47.1	108.7	14 100 *
54.0	31.9	97.4	8 600 *	41.4	104.6	12 100 *
58.0	23.3	89.6	7 400 *	34.9	99.4	10 500 *
62.0	8.4	75.1	6 200 *	27.1	92.6	9 100 *
66.0				16.2	82.3	7 900 *

# Liftcrane Luffing Jib Capacities

# 2250 SERIES 2

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

**CAUTION:  
 OUTSIDE ASSIST  
 REQUIRED**

**64.0m (210 Ft.) Boom**  
**61.0m (200 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19.8	76.0	126.1	19 600 *			
20.0	75.8	126.1	19 600 *			
22.0	73.8	125.5	19 000 *			
24.0	71.9	124.9	18 500 *			
26.0	69.9	124.2	17 900 *			
28.0	67.8	123.4	17 200 *			
30.0	65.8	122.5	16 500 *			
32.0	63.7	121.6	15 800 *	69.5	123.6	19 800 *
34.0	61.6	120.5	15 100 *	67.5	122.8	19 500 *
36.0	59.4	119.4	14 300 *	65.4	121.9	19 100 *
38.0	57.2	118.1	13 600 *	63.3	120.9	18 700 *
42.0	52.6	115.3	12 100 *	59.0	118.7	17 500 *
46.0	47.7	111.9	10 800 *	54.5	116.0	16 100 *
50.0	42.3	107.8	9 500 *	49.7	112.8	13 800 *
54.0	36.3	102.9	8 200 *	44.5	109.1	11 900 *
58.0	29.3	96.6	6 800 *	38.8	104.5	10 200 *
62.0	20.2	87.7	5 600 *	32.3	98.9	8 900 *
66.0				24.3	91.3	7 700 *
70.0				11.9	78.8	6 600 *



# Liftcrane Luffing Jib Capacities 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**67.1m (220 Ft.) Boom  
33.5m (110 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
13.7	75.2	102.4	39 400 * <sup>b</sup>			
14.0	74.7	102.4	39 200 * <sup>b</sup>			
16.0	71.1	101.7	37 400 * <sup>b</sup>			
18.0	67.4	100.9	35 400 *			
20.0	63.6	100.0	33 200 *			
22.0	59.7	98.9	31 000 *			
24.0	55.6	97.6	28 800 *	67.2	100.4	34 900 *
26.0	51.3	96.1	26 700 *	63.4	99.4	33 000 *
28.0	46.8	94.3	24 600 *	59.5	98.3	31 100 *
30.0	41.8	92.2	22 700 *	55.4	97.0	29 400 *
32.0	36.3	89.7	20 900 *	51.1	95.5	27 800 *
34.0	29.9	86.5	19 300 *	46.5	93.7	26 400 *
36.0	21.9	82.3	17 900 *	41.5	91.6	25 000 *
38.0	8.1	74.5	16 700 *	36.0	89.0	23 700 *
42.0				21.4	81.5	20 600 *

**67.1m (220 Ft.) Boom  
39.6m (130 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
15.2	75.2	108.3	33 200 *			
16.0	74.1	108.1	32 700 *			
18.0	71.0	107.5	31 300 *			
20.0	67.9	106.7	29 800 *			
22.0	64.8	105.8	28 100 *			
24.0	61.5	104.8	26 400 *			
26.0	58.1	103.6	24 700 *	67.8	106.2	30 800 *
28.0	54.6	102.2	23 000 *	64.6	105.2	29 200 *
30.0	51.0	100.7	21 400 *	61.3	104.2	27 800 *
32.0	47.1	98.9	19 900 *	58.0	103.0	26 400 *
34.0	43.0	96.9	18 400 *	54.4	101.6	25 100 *
36.0	38.5	94.5	17 100 *	50.8	100.1	23 800 *
38.0	33.5	91.7	15 800 *	46.9	98.3	22 600 *
42.0	20.5	83.6	13 700 *	38.3	93.9	20 400 *
46.0				27.4	87.5	17 400 *

**67.1m (220 Ft.) Boom  
36.6m (120 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
15.2	74.0	105.2	35 600 * <sup>b</sup>			
16.0	72.7	104.9	35 000 * <sup>b</sup>			
18.0	69.4	104.2	33 300 *			
20.0	66.0	103.4	31 500 *			
22.0	62.5	102.4	29 600 *			
24.0	58.9	101.2	27 600 *			
26.0	55.1	99.9	25 700 *	65.8	102.8	31 800 *
28.0	51.2	98.4	23 800 *	62.3	101.8	30 100 *
30.0	47.0	96.6	22 000 *	58.7	100.7	28 500 *
32.0	42.5	94.5	20 400 *	54.9	99.3	27 100 *
34.0	37.5	92.1	18 800 *	50.9	97.8	25 700 *
36.0	31.9	89.1	17 400 *	46.7	96.0	24 400 *
38.0	25.3	85.4	16 100 *	42.2	93.9	23 100 *
42.0				31.6	88.5	20 600 *

**67.1m (220 Ft.) Boom  
42.7m (140 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
16.8	74.2	111.1	30 100 *			
18.0	72.4	110.7	29 300 *			
20.0	69.6	110.0	28 000 *			
22.0	66.7	109.2	26 700 *			
24.0	63.7	108.2	25 200 *			
26.0	60.7	107.1	23 600 *	69.4	109.4	29 600 *
28.0	57.5	105.9	22 200 *	66.5	108.6	28 200 *
30.0	54.3	104.5	20 700 *	63.5	107.7	26 900 *
32.0	50.8	103.0	19 300 *	60.5	106.6	25 500 *
34.0	47.3	101.2	17 900 *	57.3	105.3	24 300 *
36.0	43.5	99.2	16 600 *	54.1	103.9	23 100 *
38.0	39.3	96.9	15 400 *	50.7	102.4	22 000 *
42.0	29.7	90.9	13 400 *	43.2	98.6	20 000 *
46.0	15.4	81.1	11 600 *	34.6	93.5	17 300 *
50.0				23.3	86.1	14 900 *



# Liftcrane Luffing Jib Capacities 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**67.1m (220 Ft.) Boom  
45.7m (150 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
16.8	75.3	114.2	27 200 *			
18.0	73.6	113.9	27 300 *			
20.0	71.0	113.2	26 400 *			
22.0	68.3	112.5	25 200 *			
24.0	65.6	111.6	23 900 *			
26.0	62.8	110.6	22 600 *	70.9	112.7	27 200 *
28.0	59.9	109.5	21 300 *	68.2	111.9	27 400 *
30.0	57.0	108.2	19 900 *	65.4	111.0	26 000 *
32.0	53.9	106.8	18 700 *	62.6	110.1	24 800 *
34.0	50.7	105.3	17 400 *	59.8	108.9	23 600 *
36.0	47.4	103.5	16 300 *	56.8	107.7	22 500 *
38.0	43.8	101.5	15 100 *	53.7	106.3	21 500 *
42.0	35.9	96.6	13 100 *	47.2	102.9	19 500 *
46.0	26.0	89.8	11 400 *	39.8	98.6	17 400 *
50.0	8.7	76.7	10 100 *	31.1	92.9	14 900 *
54.0				19.0	84.1	13 000 *

**67.1m (220 Ft.) Boom  
51.8m (170 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	75.3	120.1	23 800 *			
20.0	73.3	119.6	23 100 *			
22.0	71.0	119.0	22 300 *			
24.0	68.6	118.2	21 400 *			
26.0	66.2	117.4	20 400 *			
28.0	63.8	116.4	19 400 *			
30.0	61.3	115.4	18 400 *	68.5	117.7	23 900 *
32.0	58.7	114.2	17 400 *	66.1	116.8	23 400 *
34.0	56.1	112.9	16 400 *	63.6	115.9	22 400 *
36.0	53.3	111.5	15 400 *	61.1	114.8	21 400 *
38.0	50.5	109.9	14 400 *	58.6	113.6	20 500 *
42.0	44.5	106.1	12 600 *	53.2	110.9	18 700 *
46.0	37.7	101.5	11 100 *	47.4	107.5	17 100 *
50.0	29.6	95.4	9 700 *	41.0	103.3	14 700 *
54.0	18.6	86.2	8 500 *	33.6	98.0	12 800 *
58.0				24.4	90.7	11 100 *

**67.1m (220 Ft.) Boom  
48.8m (160 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	74.3	117.0	25 500 *			
20.0	72.2	116.5	24 700 *			
22.0	69.8	115.7	23 700 *			
24.0	67.2	114.9	22 600 *			
26.0	64.6	114.0	21 500 *			
28.0	62.0	113.0	20 300 *	69.6	115.2	26 200 *
30.0	59.3	111.9	19 200 *	67.1	114.4	25 400 *
32.0	56.5	110.6	18 000 *	64.5	113.5	24 200 *
34.0	53.6	109.2	16 900 *	61.8	112.4	23 100 *
36.0	50.6	107.6	15 800 *	59.1	111.3	22 000 *
38.0	47.5	105.8	14 800 *	56.3	110.0	21 000 *
42.0	40.7	101.6	12 900 *	50.4	107.0	19 200 *
46.0	32.7	96.1	11 200 *	44.0	103.2	17 100 *
50.0	22.4	88.3	9 800 *	36.7	98.4	14 700 *
54.0				27.7	92.0	12 800 *

**67.1m (220 Ft.) Boom  
54.9m (180 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19.8	74.5	122.9	21 600 *			
20.0	74.3	122.8	21 600 *			
22.0	72.1	122.2	20 900 *			
24.0	69.9	121.5	20 100 *			
26.0	67.6	120.7	19 300 *			
28.0	65.3	119.8	18 400 *			
30.0	63.0	118.8	17 500 *	69.7	121.0	22 300 *
32.0	60.6	117.7	16 600 *	67.5	120.2	21 800 *
34.0	58.2	116.5	15 700 *	65.2	119.3	21 300 *
36.0	55.7	115.2	14 800 *	62.9	118.3	20 600 *
38.0	53.1	113.8	14 000 *	60.5	117.2	19 700 *
42.0	47.7	110.4	12 300 *	55.6	114.6	18 100 *
46.0	41.7	106.3	10 800 *	50.3	111.6	16 500 *
50.0	34.9	101.2	9 500 *	44.6	107.9	14 500 *
54.0	26.6	94.3	8 400 *	38.2	103.2	12 500 *
58.0	14.4	83.3	7 400 *	30.7	97.3	10 800 *
62.0				21.0	88.9	9 400 *



# Liftcrane Luffing Jib Capacities 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**67.1m (220 Ft.) Boom  
57.9m (190 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19.8	75.3	126.0	20 200 *			
20.0	75.1	126.0	20 100 *			
22.0	73.1	125.4	19 500 *			
24.0	71.0	124.7	18 900 *			
26.0	68.9	124.0	18 200 *			
28.0	66.7	123.2	17 500 *			
30.0	64.5	122.2	16 700 *			
32.0	62.3	121.2	15 900 *	68.7	123.5	20 400 *
34.0	60.1	120.1	15 100 *	66.6	122.6	20 000 *
36.0	57.7	118.9	14 300 *	64.4	121.7	19 500 *
38.0	55.4	117.5	13 500 *	62.2	120.7	18 900 *
42.0	50.4	114.5	12 000 *	57.6	118.3	17 500 *
46.0	45.0	110.8	10 600 *	52.8	115.5	16 100 *
50.0	39.0	106.3	9 300 *	47.6	112.1	14 300 *
54.0	32.1	100.6	8 100 *	41.9	108.0	12 300 *
58.0	23.5	92.9	6 700 *	35.5	103.0	10 600 *
62.0	9.1	78.9	5 700 *	27.9	96.4	9 200 *
66.0				17.5	86.6	8 000 *

**67.1m (220 Ft.) Boom  
61.0m (200 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
21.3	74.6	128.8	18 400 *			
22.0	73.9	128.6	18 200 *			
24.0	72.0	128.0	17 600 *			
26.0	70.0	127.3	17 000 *			
28.0	68.0	126.5	16 400 *			
30.0	65.9	125.6	15 800 *			
32.0	63.8	124.7	15 100 *			
34.0	61.7	123.6	14 400 *	67.8	125.9	18 600 *
36.0	59.5	122.5	13 700 *	65.8	125.1	18 200 *
38.0	57.3	121.2	13 000 *	63.7	124.1	17 800 *
42.0	52.7	118.4	11 600 *	59.4	121.9	16 700 *
46.0	47.8	115.0	10 300 *	54.9	119.3	15 500 *
50.0	42.4	111.0	9 000 *	50.2	116.2	14 000 *
54.0	36.5	106.1	7 500 *	45.0	112.5	12 000 *
58.0	29.5	99.8	6 100 *	39.4	108.0	10 300 *
62.0	20.5	91.1	5 000 *	33.0	102.5	9 000 *
66.0				25.1	95.2	7 800 *
70.0				13.5	83.5	6 700 *



# Liftcrane Luffing Jib Capacities

# 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**70.1m (230 Ft.) Boom  
33.5m (110 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
13.7	75.4	105.5	35 600 *b			
14.0	74.9	105.4	35 400 *b			
16.0	71.3	104.8	33 800 *b			
18.0	67.6	104.0	32 100 *			
20.0	63.8	103.1	30 300 *			
22.0	59.9	102.0	28 300 *			
24.0	55.9	100.7	26 400 *	67.9	103.6	32 900 *
26.0	51.6	99.2	24 500 *	64.1	102.6	31 100 *
28.0	47.0	97.4	22 800 *	60.2	101.6	29 500 *
30.0	42.1	95.4	21 100 *	56.2	100.3	27 900 *
32.0	36.6	92.9	19 500 *	51.9	98.8	26 400 *
34.0	30.3	89.8	18 100 *	47.4	97.1	25 000 *
36.0	22.4	85.6	16 800 *	42.5	95.0	23 700 *
38.0	9.4	78.3	15 700 *	37.1	92.5	22 500 *
42.0				23.1	85.5	20 100 *

**70.1m (230 Ft.) Boom  
39.6m (130 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
15.2	75.4	111.4	30 200 *			
16.0	74.2	111.2	29 700 *			
18.0	71.2	110.6	28 400 *			
20.0	68.1	109.8	27 100 *			
22.0	64.9	108.9	25 700 *			
24.0	61.7	107.9	24 200 *			
26.0	58.3	106.7	22 700 *	68.3	109.3	29 000 *
28.0	54.8	105.3	21 200 *	65.2	108.5	27 600 *
30.0	51.2	103.8	19 800 *	61.9	107.4	26 200 *
32.0	47.3	102.0	18 400 *	58.6	106.3	24 900 *
34.0	43.2	100.0	17 100 *	55.1	104.9	23 700 *
36.0	38.8	97.7	15 900 *	51.5	103.4	22 500 *
38.0	33.8	94.9	14 800 *	47.6	101.7	21 400 *
42.0	21.0	87.0	12 900 *	39.1	97.3	19 400 *
46.0				28.6	91.3	16 900 *
50.0				10.9	79.7	14 600 *

**70.1m (230 Ft.) Boom  
36.6m (120 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
15.2	74.1	108.2	32 200 *b			
16.0	72.9	108.0	31 700 *b			
18.0	69.6	107.3	30 200 *			
20.0	66.2	106.5	28 600 *			
22.0	62.7	105.5	27 000 *			
24.0	59.1	104.3	25 300 *			
26.0	55.3	103.0	23 600 *	66.4	106.0	30 000 *
28.0	51.4	101.5	21 900 *	62.9	105.0	28 500 *
30.0	47.2	99.7	20 400 *	59.3	103.9	27 000 *
32.0	42.7	97.7	18 900 *	55.6	102.6	25 600 *
34.0	37.8	95.3	17 600 *	51.7	101.1	24 300 *
36.0	32.3	92.4	16 300 *	47.5	99.4	23 100 *
38.0	25.6	88.6	15 200 *	43.1	97.3	21 900 *
42.0				32.7	92.1	19 800 *
46.0				17.6	83.3	17 100 *

**70.1m (230 Ft.) Boom  
42.7m (140 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
16.8	74.3	114.2	27 200 *			
18.0	72.6	113.8	26 700 *			
20.0	69.7	113.1	25 600 *			
22.0	66.8	112.3	24 300 *			
24.0	63.9	111.3	23 000 *			
26.0	60.8	110.2	21 700 *	70.0	112.6	27 200 *
28.0	57.7	109.0	20 400 *	67.1	111.8	26 700 *
30.0	54.4	107.7	19 100 *	64.1	110.9	25 300 *
32.0	51.0	106.1	17 800 *	61.1	109.8	24 100 *
34.0	47.5	104.3	16 600 *	57.9	108.6	22 900 *
36.0	43.7	102.3	15 500 *	54.7	107.2	21 800 *
38.0	39.6	100.1	14 400 *	51.3	105.7	20 800 *
42.0	30.0	94.2	12 600 *	44.0	102.0	18 900 *
46.0	15.9	84.5	11 000 *	35.5	97.1	16 700 *
50.0				24.5	90.0	14 500 *



# Liftcrane Luffing Jib Capacities 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**70.1m (230 Ft.) Boom  
45.7m (150 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
16.8	75.4	117.3	25 600 *			
18.0	73.8	117.0	25 000 *			
20.0	71.2	116.3	24 100 *			
22.0	68.5	115.6	22 900 *			
24.0	65.7	114.7	21 900 *			
26.0	63.0	113.7	20 700 *			
28.0	60.1	112.6	19 500 *	68.7	115.1	25 500 *
30.0	57.1	111.4	18 400 *	66.0	114.2	24 700 *
32.0	54.1	110.0	17 200 *	63.2	113.3	23 600 *
34.0	50.9	108.4	16 200 *	60.3	112.2	22 600 *
36.0	47.6	106.6	15 100 *	57.4	110.9	21 500 *
38.0	44.0	104.7	14 100 *	54.3	109.6	20 500 *
42.0	36.2	99.8	12 300 *	47.8	106.3	18 600 *
46.0	26.4	93.1	10 800 *	40.6	102.1	16 400 *
50.0	9.6	80.4	9 600 *	32.0	96.5	14 400 *
54.0				20.4	88.2	12 500 *

**70.1m (230 Ft.) Boom  
51.8m (170 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	75.4	123.2	21 800 *			
20.0	73.4	122.7	21 200 *			
22.0	71.1	122.1	20 400 *			
24.0	68.8	121.3	19 600 *			
26.0	66.4	120.5	18 700 *			
28.0	63.9	119.5	17 800 *			
30.0	61.4	118.5	16 900 *	68.9	120.9	21 800 *
32.0	58.8	117.3	16 000 *	66.5	120.0	21 300 *
34.0	56.2	116.0	15 100 *	64.1	119.1	20 700 *
36.0	53.5	114.6	14 200 *	61.6	118.0	20 000 *
38.0	50.7	113.0	13 300 *	59.0	116.9	19 200 *
42.0	44.6	109.3	11 700 *	53.7	114.2	17 500 *
46.0	37.9	104.7	10 300 *	48.0	110.9	15 700 *
50.0	29.8	98.6	9 100 *	41.6	106.8	14 000 *
54.0	18.9	89.6	8 000 *	34.4	101.6	12 300 *
58.0				25.4	94.5	10 900 *
62.0				10.7	81.9	9 300 *

**70.1m (230 Ft.) Boom  
48.8m (160 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	74.5	120.1	23 300 *			
20.0	72.4	119.5	22 500 *			
22.0	69.9	118.8	21 600 *			
24.0	67.4	118.0	20 700 *			
26.0	64.8	117.1	19 700 *			
28.0	62.1	116.1	18 700 *	70.1	118.4	23 800 *
30.0	59.4	115.0	17 600 *	67.5	117.6	23 300 *
32.0	56.6	113.7	16 600 *	65.0	116.7	22 600 *
34.0	53.8	112.3	15 600 *	62.3	115.7	21 800 *
36.0	50.8	110.7	14 600 *	59.6	114.5	20 800 *
38.0	47.7	109.0	13 700 *	56.9	113.3	19 800 *
42.0	40.9	104.8	12 000 *	51.0	110.3	18 100 *
46.0	32.9	99.4	10 500 *	44.6	106.6	16 100 *
50.0	22.7	91.6	9 300 *	37.4	102.0	14 200 *
54.0				28.6	95.7	12 400 *
58.0				16.0	85.7	10 800 *

**70.1m (230 Ft.) Boom  
51.8m (180 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19.8	74.6	126.0	19 800 *			
20.0	74.4	125.9	19 800 *			
22.0	72.2	125.3	19 100 *			
24.0	70.0	124.6	18 400 *			
26.0	67.7	123.8	17 700 *			
28.0	65.5	122.9	16 900 *			
30.0	63.1	121.9	16 100 *			
32.0	60.8	120.9	15 300 *	67.9	123.3	19 900 *
34.0	58.3	119.7	14 500 *	65.6	122.5	19 400 *
36.0	55.8	118.3	13 700 *	63.3	121.5	18 900 *
38.0	53.2	116.9	12 900 *	60.9	120.4	18 200 *
42.0	47.8	113.6	11 400 *	56.0	117.9	16 800 *
46.0	41.8	109.5	10 100 *	50.8	114.9	15 300 *
50.0	35.0	104.4	8 900 *	45.1	111.3	13 700 *
54.0	26.8	97.6	7 800 *	38.8	106.7	12 100 *
58.0	14.8	86.8	6 600 *	31.5	101.0	10 700 *
62.0				22.1	92.9	9 400 *



# Liftcrane Luffing Jib Capacities

# 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**70.1m (230 Ft.) Boom  
57.9m (190 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19.8	75.4	129.1	18 500 *			
20.0	75.2	129.1	18 500 *			
22.0	73.2	128.5	17 900 *			
24.0	71.1	127.8	17 300 *			
26.0	69.0	127.1	16 700 *			
28.0	66.8	126.3	16 000 *			
30.0	64.7	125.3	15 300 *			
32.0	62.4	124.3	14 600 *	69.1	126.6	18 600 *
34.0	60.2	123.2	13 900 *	67.0	125.8	18 200 *
36.0	57.9	122.0	13 200 *	64.8	124.9	17 800 *
38.0	55.5	120.7	12 500 *	62.6	123.9	17 300 *
42.0	50.5	117.6	11 100 *	58.0	121.6	16 100 *
46.0	45.1	113.9	9 800 *	53.2	118.8	14 800 *
50.0	39.2	109.5	8 700 *	48.1	115.5	13 300 *
54.0	32.3	103.8	7 300 *	42.5	111.5	12 000 *
58.0	23.8	96.2	6 000 *	36.2	106.5	10 600 *
62.0	9.8	82.6	5 100 *	28.7	100.1	9 400 *
66.0				18.7	90.8	8 100 *

**70.1m (230 Ft.) Boom  
61.0m (200 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
21.3	74.7	131.9	16 900 *			
22.0	74.0	131.7	16 700 *			
24.0	72.1	131.1	16 200 *			
26.0	70.1	130.3	15 600 *			
28.0	68.1	129.6	15 100 *			
30.0	66.0	128.7	14 500 *			
32.0	63.9	127.8	13 800 *			
34.0	61.8	126.7	13 200 *	68.2	129.1	17 000 *
36.0	59.6	125.6	12 600 *	66.2	128.3	16 600 *
38.0	57.4	124.3	12 000 *	64.1	127.3	16 200 *
42.0	52.8	121.5	10 700 *	59.8	125.1	15 300 *
46.0	47.9	118.2	9 500 *	55.3	122.6	14 200 *
50.0	42.6	114.1	8 100 *	50.6	119.5	12 900 *
54.0	36.7	109.2	6 700 *	45.5	115.9	11 700 *
58.0	29.7	103.0	5 400 *	39.9	111.5	10 400 *
62.0	20.8	94.4	4 300 *	33.6	106.1	9 100 *
66.0				25.9	99.0	7 900 *
70.0				15.0	88.0	6 500 *



# Liftcrane Luffing Jib Capacities 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**73.2m (240 Ft.) Boom  
33.5m (110 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
13.7	75.5	108.6	33 500 *b			
14.0	75.0	108.5	33 300 *b			
16.0	71.5	107.9	31 900 *b			
18.0	67.8	107.1	30 300 *			
20.0	64.0	106.2	28 600 *			
22.0	60.1	105.1	26 800 *			
24.0	56.1	103.8	25 000 *	68.6	106.7	31 200 *
26.0	51.8	102.3	23 300 *	64.8	105.9	29 500 *
28.0	47.3	100.6	21 700 *	61.0	104.8	27 900 *
30.0	42.4	98.5	20 100 *	56.9	103.6	26 400 *
32.0	36.9	96.1	18 700 *	52.7	102.1	25 000 *
34.0	30.7	93.0	17 300 *	48.3	100.4	23 700 *
36.0	22.9	88.9	16 100 *	43.4	98.4	22 500 *
38.0	10.5	82.0	15 100 *	38.1	96.1	21 300 *
42.0				24.7	89.3	19 200 *

**73.2m (240 Ft.) Boom  
39.6m (130 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
15.2	75.5	114.5	28 400 *b			
16.0	74.4	114.3	28 000 *b			
18.0	71.4	113.6	26 900 *			
20.0	68.3	112.9	25 600 *			
22.0	65.1	112.0	24 300 *			
24.0	61.9	111.0	22 900 *			
26.0	58.5	109.8	21 500 *	68.9	112.5	27 500 *
28.0	55.0	108.5	20 200 *	65.8	111.7	26 100 *
30.0	51.4	106.9	18 800 *	62.5	110.7	24 800 *
32.0	47.5	105.2	17 600 *	59.2	109.5	23 600 *
34.0	43.5	103.2	16 400 *	55.8	108.2	22 400 *
36.0	39.0	100.9	15 200 *	52.2	106.7	21 300 *
38.0	34.1	98.1	14 200 *	48.4	105.0	20 200 *
42.0	21.4	90.3	12 400 *	40.0	100.8	18 300 *
46.0				29.7	95.0	16 300 *
50.0				13.5	84.6	14 100 *

**73.2m (240 Ft.) Boom  
36.6m (120 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
15.2	74.3	111.3	30 400 *b			
16.0	73.1	111.1	29 900 *b			
18.0	69.7	110.4	28 500 *			
20.0	66.3	109.6	27 100 *			
22.0	62.9	108.6	25 500 *			
24.0	59.3	107.5	23 900 *			
26.0	55.5	106.1	22 400 *	67.1	109.2	28 500 *
28.0	51.6	104.6	20 900 *	63.6	108.3	27 000 *
30.0	47.4	102.9	19 400 *	60.0	107.2	25 600 *
32.0	43.0	100.9	18 100 *	56.3	105.9	24 300 *
34.0	38.1	98.5	16 800 *	52.4	104.4	23 000 *
36.0	32.6	95.6	15 600 *	48.3	102.7	21 800 *
38.0	26.0	91.9	14 600 *	43.9	100.8	20 700 *
42.0				33.8	95.7	18 700 *
46.0				19.5	87.5	16 500 *

**73.2m (240 Ft.) Boom  
42.7m (140 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
16.8	74.5	117.2	25 800 *			
18.0	72.7	116.9	25 200 *			
20.0	69.9	116.2	24 100 *			
22.0	67.0	115.3	23 000 *			
24.0	64.0	114.4	21 700 *			
26.0	61.0	113.3	20 600 *	70.5	115.8	26 200 *
28.0	57.9	112.1	19 300 *	67.6	115.0	25 500 *
30.0	54.6	110.8	18 200 *	64.7	114.1	24 300 *
32.0	51.2	109.2	17 000 *	61.6	113.0	23 100 *
34.0	47.7	107.5	15 800 *	58.5	111.9	22 000 *
36.0	43.9	105.5	14 800 *	55.3	110.5	20 900 *
38.0	39.8	103.2	13 800 *	51.9	109.0	19 900 *
42.0	30.3	97.4	12 100 *	44.7	105.4	18 000 *
46.0	16.5	87.9	10 600 *	36.3	100.6	16 000 *
50.0				25.7	93.8	14 000 *



# Liftcrane Luffing Jib Capacities 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**73.2m (240 Ft.) Boom  
45.7m (150 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
16.8	75.5	120.4	24 200 *			
18.0	73.9	120.0	23 700 *			
20.0	71.3	119.4	22 700 *			
22.0	68.6	118.6	21 700 *			
24.0	65.9	117.8	20 700 *			
26.0	63.1	116.8	19 600 *			
28.0	60.2	115.7	18 500 *	69.2	118.3	24 000 *
30.0	57.3	114.5	17 400 *	66.5	117.4	23 400 *
32.0	54.2	113.1	16 400 *	63.7	116.5	22 400 *
34.0	51.1	111.5	15 400 *	60.8	115.4	21 300 *
36.0	47.7	109.8	14 400 *	57.9	114.2	20 300 *
38.0	44.2	107.8	13 500 *	54.9	112.9	19 300 *
42.0	36.4	103.0	11 800 *	48.5	109.6	17 600 *
46.0	26.7	96.4	10 300 *	41.3	105.5	15 700 *
50.0	10.4	84.1	9 200 *	32.9	100.2	13 800 *
54.0				21.7	92.2	12 100 *

**73.2m (240 Ft.) Boom  
51.8m (170 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	75.5	126.3	20 600 *			
20.0	73.6	125.8	20 000 *			
22.0	71.2	125.2	19 300 *			
24.0	68.9	124.4	18 500 *			
26.0	66.5	123.6	17 700 *			
28.0	64.0	122.6	16 900 *			
30.0	61.5	121.6	16 000 *	69.4	124.0	20 500 *
32.0	59.0	120.4	15 100 *	67.0	123.2	20 000 *
34.0	56.4	119.1	14 300 *	64.6	122.3	19 500 *
36.0	53.6	117.7	13 500 *	62.1	121.3	18 900 *
38.0	50.8	116.1	12 700 *	59.5	120.1	18 100 *
42.0	44.8	112.5	11 200 *	54.2	117.5	16 500 *
46.0	38.1	107.9	9 800 *	48.5	114.2	15 000 *
50.0	30.1	101.8	8 700 *	42.3	110.2	13 300 *
54.0	19.3	93.0	7 700 *	35.1	105.2	11 800 *
58.0				26.3	98.3	10 400 *
62.0				12.8	86.8	9 200 *

**73.2m (240 Ft.) Boom  
48.8m (160 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	74.6	123.1	22 000 *			
20.0	72.5	122.6	21 300 *			
22.0	70.0	121.9	20 500 *			
24.0	67.5	121.1	19 600 *			
26.0	64.9	120.2	18 600 *			
28.0	62.3	119.2	17 700 *			
30.0	59.6	118.1	16 700 *	68.0	120.8	21 900 *
32.0	56.8	116.8	15 700 *	65.5	119.9	21 300 *
34.0	53.9	115.4	14 800 *	62.8	118.9	20 600 *
36.0	50.9	113.8	13 900 *	60.1	117.8	19 600 *
38.0	47.8	112.1	13 100 *	57.4	116.5	18 700 *
42.0	41.1	107.9	11 500 *	51.6	113.6	17 000 *
46.0	33.2	102.6	10 100 *	45.2	110.0	15 300 *
50.0	23.0	94.9	8 900 *	38.1	105.5	13 600 *
54.0				29.6	99.4	11 900 *
58.0				17.5	90.0	10 500 *

**73.2m (240 Ft.) Boom  
54.9m (180 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19.8	74.7	129.0	18 800 *			
20.0	74.5	129.0	18 700 *			
22.0	72.3	128.4	18 100 *			
24.0	70.1	127.7	17 400 *			
26.0	67.9	126.9	16 700 *			
28.0	65.6	126.0	16 000 *			
30.0	63.3	125.0	15 200 *			
32.0	60.9	124.0	14 500 *	68.3	126.5	18 700 *
34.0	58.5	122.8	13 700 *	66.1	125.7	18 300 *
36.0	56.0	121.5	12 900 *	63.8	124.7	17 800 *
38.0	53.4	120.0	12 200 *	61.4	123.7	17 200 *
42.0	48.0	116.7	10 800 *	56.5	121.2	15 900 *
46.0	42.0	112.6	9 600 *	51.3	118.2	14 500 *
50.0	35.2	107.6	8 500 *	45.7	114.7	13 000 *
54.0	27.1	100.8	7 100 *	39.4	110.2	11 600 *
58.0	15.2	90.3	6 000 *	32.2	104.6	10 300 *
62.0				23.1	96.8	9 100 *



# Liftcrane Luffing Jib Capacities 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**73.2m (240 Ft.) Boom  
57.9m (190 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19.8	75.5	132.2	17 500 *			
20.0	75.3	132.1	17 500 *			
22.0	73.3	131.6	17 000 *			
24.0	71.2	130.9	16 400 *			
26.0	69.1	130.2	15 800 *			
28.0	67.0	129.4	15 100 *			
30.0	64.8	128.4	14 500 *			
32.0	62.6	127.4	13 800 *			
34.0	60.3	126.3	13 100 *	67.4	129.0	17 200 *
36.0	58.0	125.1	12 500 *	65.2	128.1	16 800 *
38.0	55.6	123.8	11 800 *	63.0	127.1	16 300 *
42.0	50.6	120.7	10 500 *	58.5	124.8	15 200 *
46.0	45.3	117.1	9 300 *	53.7	122.1	14 000 *
50.0	39.3	112.6	8 000 *	48.6	118.8	12 700 *
54.0	32.5	107.0	6 600 *	43.0	114.9	11 400 *
58.0	24.1	99.5	5 400 *	36.8	110.0	10 100 *
62.0	10.4	86.3	4 500 *	29.5	103.8	9 000 *
66.0				19.8	94.9	7 700 *

**73.2m (240 Ft.) Boom  
61.0m (200 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
21.3	74.8	134.9	16 000 *			
22.0	74.1	134.8	15 800 *			
24.0	72.2	134.1	15 300 *			
26.0	70.2	133.4	14 800 *			
28.0	68.2	132.7	14 300 *			
30.0	66.1	131.8	13 700 *			
32.0	64.0	130.9	13 100 *			
34.0	61.9	129.8	12 500 *	68.6	132.3	16 000 *
36.0	59.8	128.7	11 900 *	66.6	131.4	15 700 *
38.0	57.6	127.5	11 300 *	64.5	130.5	15 300 *
42.0	53.0	124.6	10 100 *	60.2	128.4	14 400 *
46.0	48.1	121.3	8 800 *	55.8	125.9	13 300 *
50.0	42.7	117.3	7 400 *	51.1	122.8	12 200 *
54.0	36.8	112.4	6 000 *	46.0	119.3	11 000 *
58.0	29.9	106.3	4 800 *	40.5	115.0	9 900 *
62.0	21.0	97.7	3 800 *	34.2	109.7	8 700 *
66.0				26.7	102.8	7 200 *
70.0				16.3	92.4	5 800 *



# Liftcrane Luffing Jib Capacities

# 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**76.2m (250 Ft.) Boom  
33.5m (110 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
13.7	75.7	111.7	31 600 *b			
14.0	75.2	111.6	31 400 *b			
16.0	71.6	111.0	30 100 *b			
18.0	68.0	110.2	28 600 *			
20.0	64.2	109.3	27 100 *			
22.0	60.3	108.2	25 400 *			
24.0	56.3	106.9	23 800 *			
26.0	52.0	105.5	22 200 *	65.5	109.1	28 100 *
28.0	47.5	103.7	20 700 *	61.7	108.0	26 600 *
30.0	42.6	101.7	19 200 *	57.7	106.8	25 200 *
32.0	37.2	99.2	17 900 *	53.5	105.4	23 900 *
34.0	31.0	96.2	16 600 *	49.1	103.8	22 600 *
36.0	23.4	92.2	15 500 *	44.4	101.9	21 400 *
38.0	11.5	85.6	14 600 *	39.2	99.6	20 300 *
42.0				26.2	93.2	18 300 *

**76.2m (250 Ft.) Boom  
39.6m (130 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
15.2	75.7	117.6	26 900 *b			
16.0	74.6	117.4	26 500 *b			
18.0	71.5	116.7	25 400 *			
20.0	68.4	116.0	24 200 *			
22.0	65.3	115.1	23 000 *			
24.0	62.0	114.1	21 700 *			
26.0	58.7	112.9	20 400 *	69.5	115.7	26 100 *
28.0	55.2	111.6	19 100 *	66.4	114.8	24 900 *
30.0	51.6	110.1	17 900 *	63.2	113.9	23 600 *
32.0	47.8	108.3	16 700 *	59.8	112.8	22 400 *
34.0	43.7	106.3	15 600 *	56.4	111.5	21 300 *
36.0	39.3	104.0	14 600 *	52.8	110.0	20 200 *
38.0	34.4	101.3	13 600 *	49.1	108.4	19 200 *
42.0	21.8	93.6	11 900 *	40.8	104.3	17 400 *
46.0				30.8	98.6	15 600 *
50.0				15.7	89.1	13 600 *

**76.2m (250 Ft.) Boom  
36.6m (120 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
15.2	74.5	114.4	28 700 *b			
16.0	73.2	114.2	28 200 *b			
18.0	69.9	113.5	27 000 *			
20.0	66.5	112.7	25 600 *			
22.0	63.0	111.7	24 200 *			
24.0	59.5	110.6	22 700 *			
26.0	55.7	109.3	21 300 *	67.7	112.4	27 100 *
28.0	51.8	107.8	19 900 *	64.2	111.5	25 700 *
30.0	47.7	106.0	18 500 *	60.7	110.4	24 300 *
32.0	43.2	104.0	17 300 *	57.0	109.2	23 100 *
34.0	38.3	101.6	16 100 *	53.2	107.7	21 900 *
36.0	32.9	98.8	15 000 *	49.1	106.1	20 800 *
38.0	26.4	95.2	14 000 *	44.8	104.2	19 700 *
42.0				34.8	99.3	17 800 *
46.0				21.2	91.6	15 900 *

**76.2m (250 Ft.) Boom  
42.7m (140 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
16.8	74.6	120.3	24 400 *			
18.0	72.9	119.9	23 900 *			
20.0	70.1	119.2	22 800 *			
22.0	67.2	118.4	21 800 *			
24.0	64.2	117.5	20 600 *			
26.0	61.2	116.5	19 500 *			
28.0	58.0	115.3	18 400 *	68.2	118.2	24 000 *
30.0	54.8	113.9	17 200 *	65.2	117.3	23 100 *
32.0	51.4	112.4	16 100 *	62.2	116.3	21 900 *
34.0	47.8	110.6	15 100 *	59.1	115.1	20 800 *
36.0	44.1	108.7	14 100 *	55.9	113.8	19 800 *
38.0	40.0	106.4	13 200 *	52.6	112.4	18 900 *
42.0	30.6	100.6	11 500 *	45.4	108.8	17 100 *
46.0	17.0	91.3	10 200 *	37.2	104.2	15 400 *
50.0				26.9	97.6	13 500 *



# Liftcrane Luffing Jib Capacities 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**76.2m (250 Ft.) Boom  
45.7m (150 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
16.8	75.7	123.5	22 900 *			
18.0	74.1	123.1	22 400 *			
20.0	71.4	122.5	21 500 *			
22.0	68.8	121.7	20 600 *			
24.0	66.0	120.9	19 600 *			
26.0	63.3	119.9	18 600 *			
28.0	60.4	118.8	17 600 *	69.7	121.4	22 600 *
30.0	57.5	117.6	16 600 *	67.0	120.6	22 100 *
32.0	54.4	116.2	15 600 *	64.2	119.7	21 200 *
34.0	51.2	114.7	14 600 *	61.4	118.6	20 200 *
36.0	47.9	112.9	13 700 *	58.5	117.5	19 200 *
38.0	44.4	111.0	12 800 *	55.5	116.1	18 300 *
42.0	36.6	106.2	11 300 *	49.1	113.0	16 600 *
46.0	27.0	99.6	9 900 *	42.0	109.0	15 100 *
50.0	11.2	87.7	8 800 *	33.7	103.8	13 300 *
54.0				23.0	96.2	11 600 *

**76.2m (250 Ft.) Boom  
51.8m (170 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	75.7	129.4	19 500 *			
20.0	73.7	128.9	19 000 *			
22.0	71.4	128.2	18 300 *			
24.0	69.0	127.5	17 600 *			
26.0	66.6	126.7	16 800 *			
28.0	64.2	125.7	16 000 *			
30.0	61.7	124.7	15 200 *			
32.0	59.1	123.5	14 400 *	67.4	126.4	19 000 *
34.0	56.5	122.3	13 600 *	65.0	125.5	18 400 *
36.0	53.8	120.8	12 800 *	62.5	124.5	17 900 *
38.0	51.0	119.3	12 100 *	60.0	123.4	17 100 *
42.0	45.0	115.6	10 600 *	54.7	120.8	15 600 *
46.0	38.3	111.0	9 400 *	49.1	117.6	14 200 *
50.0	30.3	105.1	8 100 *	42.9	113.7	12 700 *
54.0	19.7	96.3	6 900 *	35.8	108.7	11 300 *
58.0				27.3	102.1	10 000 *
62.0				14.6	91.4	8 800 *

**76.2m (250 Ft.) Boom  
48.8m (160 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18.3	74.7	126.2	20 900 *			
20.0	72.6	125.7	20 200 *			
22.0	70.2	125.0	19 400 *			
24.0	67.6	124.2	18 500 *			
26.0	65.0	123.3	17 600 *			
28.0	62.4	122.3	16 800 *			
30.0	59.7	121.2	15 900 *	68.5	123.9	20 700 *
32.0	56.9	119.9	15 000 *	65.9	123.1	20 100 *
34.0	54.1	118.5	14 100 *	63.3	122.1	19 500 *
36.0	51.1	117.0	13 300 *	60.7	121.0	18 500 *
38.0	48.0	115.2	12 400 *	57.9	119.8	17 700 *
42.0	41.2	111.1	10 900 *	52.1	117.0	16 100 *
46.0	33.4	105.8	9 600 *	45.9	113.4	14 600 *
50.0	23.4	98.2	8 500 *	38.8	109.0	13 000 *
54.0				30.4	103.1	11 500 *
58.0				19.0	94.2	10 100 *

**76.2m (250 Ft.) Boom  
54.9m (180 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19.8	74.8	132.1	17 800 *			
20.0	74.6	132.1	17 700 *			
22.0	72.4	131.5	17 200 *			
24.0	70.2	130.8	16 500 *			
26.0	68.0	130.0	15 800 *			
28.0	65.7	129.1	15 100 *			
30.0	63.4	128.1	14 400 *			
32.0	61.0	127.1	13 700 *	68.8	129.7	17 700 *
34.0	58.6	125.9	13 000 *	66.5	128.9	17 300 *
36.0	56.1	124.6	12 300 *	64.2	127.9	16 800 *
38.0	53.5	123.1	11 600 *	61.8	126.9	16 300 *
42.0	48.1	119.8	10 300 *	57.0	124.5	15 000 *
46.0	42.2	115.8	8 900 *	51.8	121.6	13 700 *
50.0	35.4	110.8	7 400 *	46.2	118.0	12 400 *
54.0	27.3	104.1	6 200 *	40.1	113.7	11 000 *
58.0	15.7	93.7	5 100 *	33.0	108.2	9 800 *
62.0				24.1	100.7	8 400 *

# Liftcrane Luffing Jib Capacities 2250 SERIES 2

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

**CAUTION:  
OUTSIDE ASSIST  
REQUIRED**

**76.2m (250 Ft.) Boom  
57.9m (190 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19.8	75.6	135.3	16 600 *			
20.0	75.5	135.2	16 600 *			
22.0	73.4	134.6	16 100 *			
24.0	71.3	134.0	15 600 *			
26.0	69.2	133.3	15 000 *			
28.0	67.1	132.4	14 300 *			
30.0	64.9	131.5	13 700 *			
32.0	62.7	130.5	13 100 *			
34.0	60.4	129.4	12 500 *	67.8	132.2	16 200 *
36.0	58.1	128.2	11 800 *	65.6	131.3	15 900 *
38.0	55.7	126.9	11 200 *	63.4	130.3	15 400 *
42.0	50.8	123.9	9 700 *	58.9	128.1	14 400 *
46.0	45.4	120.2	8 200 *	54.1	125.4	13 200 *
50.0	39.5	115.8	6 900 *	49.1	122.2	12 000 *
54.0	32.7	110.2	5 600 *	43.5	118.3	10 800 *
58.0	24.3	102.8	4 600 *	37.4	113.6	9 400 *
62.0	11.0	89.9	3 700 *	30.2	107.5	7 900 *
66.0				20.9	99.0	6 600 *

**76.2m (250 Ft.) Boom  
61.0m (200 Ft.) Luffing Jib**

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
21.3	74.9	138.0	15 100 *			
22.0	74.2	137.8	15 000 *			
24.0	72.3	137.2	14 600 *			
26.0	70.3	136.5	14 000 *			
28.0	68.3	135.7	13 500 *			
30.0	66.2	134.9	13 000 *			
32.0	64.2	134.0	12 400 *			
34.0	62.0	132.9	11 800 *	69.0	135.5	15 100 *
36.0	59.9	131.8	11 200 *	66.9	134.6	14 800 *
38.0	57.7	130.6	10 400 *	64.9	133.7	14 500 *
42.0	53.1	127.8	8 900 *	60.6	131.6	13 600 *
46.0	48.2	124.4	7 600 *	56.2	129.1	12 600 *
50.0	42.9	120.5	6 200 *	51.5	126.2	11 500 *
54.0	37.0	115.6	5 000 *	46.5	122.7	10 100 *
58.0	30.1	109.5	4 000 *	41.0	118.4	8 800 *
62.0	21.3	101.1	3 000 *	34.9	113.2	7 400 *
66.0				27.5	106.5	6 100 *
70.0				17.5	96.7	4 900 *