

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

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.

Wheeled counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground.

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.

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 and mast up. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 176153** or **No. 192108**, Wire Rope Specification chart **No. 7581-H**, Counterweight Arrangement chart **No. 7692-A** or **No. 8026-A** and Luffing Jib Raising Procedure chart **No. 7728-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. 7760-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 MAX-ER 225, 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 39.6m mast, 8 part boom hoist reeving, four 38 mm boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, 76 750 kg (2250) crane counterweight or 75 750 kg (M-250) crane counterweight, two 13 610 kg carbody counterweights and 0 kg wheeled counterweight.

WARNING: Check amount of wheeled counterweight on machine before use of this chart. Refer to Counterweight Assembly.

Consult chart **No. 7749-AM** for lifting off lower boom point with luffing jib attached.



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27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

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MAX-ER 225
On 2250 or
M-250

42.7m (140 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
16.8	64.8	65.2	79 200 *b										16.8
18.0	61.1	64.5	69 500 *b										18.0
20.0	54.6	63.2	57 200 *b	61.8	64.3	65 600 b							20.0
22.0	47.6	61.5	48 600 *	55.4	63.0	57 800 b							22.0
24.0	39.7	59.4	42 100 *	48.5	61.4	49 700 *							24.0
26.0	30.0	56.4	37 100 *	40.7	59.3	42 900 *	54.4	61.9	44 700				26.0
28.0				31.3	56.4	37 600 *	47.4	60.3	40 800				28.0
30.0				17.9	51.9	33 400 *	39.4	58.1	37 400	53.0	60.5	35 300	30.0
32.0							29.6	55.0	34 500	45.8	58.7	32 600	32.0
34.0										37.6	56.4	30 200	34.0
36.0										27.3	53.1	28 100	36.0
38.0										8.8	46.5	26 200	38.0

42.7m (140 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
16.8	68.2	68.5	78 500 *b										16.8
18.0	65.0	68.0	69 600 *b										18.0
20.0	59.6	66.9	57 500 *	65.6	67.7	65 400 b							20.0
22.0	54.0	65.5	48 800 *	60.3	66.7	57 700 b							22.0
24.0	47.8	63.8	42 300 *	54.7	65.3	50 000 *							24.0
26.0	41.0	61.7	37 200 *	48.6	63.7	43 000 *	59.4	65.6	44 400				26.0
28.0	33.0	59.0	33 100 *	41.9	61.7	37 800 *	53.7	64.3	40 500				28.0
30.0	22.6	55.0	29 700 *	34.0	59.0	33 500 *	47.6	62.6	37 200				30.0
32.0				24.1	55.3	30 100 *	40.7	60.4	34 300	52.5	62.8	32 300	32.0
34.0							32.7	57.7	31 800	46.3	61.0	30 000	34.0
36.0							22.1	53.6	29 500	39.2	58.8	27 900	36.0
38.0										30.8	55.8	26 000	38.0
40.0										19.3	51.3	24 400	40.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

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MAX-ER 225
On 2250 or
M-250

42.7m (140 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
16.8	70.7	71.8	73 000 *b										16.8
18.0	67.9	71.3	68 900 *b										18.0
20.0	63.3	70.4	57 700 *										20.0
22.0	58.5	69.2	49 000 *	63.9	70.1	57 700 b							22.0
24.0	53.4	67.8	42 400 *	59.1	69.0	50 200 *							24.0
26.0	47.9	66.1	37 300 *	54.0	67.7	43 200 *							26.0
28.0	41.9	64.1	33 200 *	48.6	66.0	37 800 *	58.3	68.0	40 400				28.0
30.0	35.1	61.5	29 800 *	42.7	64.0	33 600 *	53.2	66.6	37 000				30.0
32.0	26.8	58.0	26 900 *	36.0	61.5	30 200 *	47.7	64.9	34 200	57.3	66.5	32 100	32.0
34.0				27.9	58.2	27 200 *	41.7	62.8	31 700	52.1	65.1	29 800	34.0
36.0				16.4	53.0	24 800 *	34.8	60.2	29 400	46.6	63.3	27 700	36.0
38.0							26.4	56.7	26 900 *	40.4	61.1	25 900	38.0
40.0										33.3	58.4	24 200	40.0
42.0										24.4	54.6	22 800	42.0
44.0										9.2	47.6	21 400	44.0

42.7m (140 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18.3	69.7	74.5	64 000 *b										18.3
20.0	66.2	73.8	58 500 *										20.0
22.0	62.0	72.8	49 300 *										22.0
24.0	57.6	71.6	42 600 *	62.5	72.5	50 300							24.0
26.0	53.0	70.1	37 400 *	58.1	71.4	43 400 *							26.0
28.0	48.1	68.4	33 200 *	53.5	70.0	38 000 *							28.0
30.0	42.7	66.4	29 800 *	48.7	68.3	33 700 *	57.4	70.3	36 800				30.0
32.0	36.7	63.9	26 900 *	43.4	66.3	30 200 *	52.8	68.9	33 900				32.0
34.0	29.7	60.8	24 500 *	37.5	63.9	27 200 *	47.9	67.2	31 500	56.5	68.9	29 500	34.0
36.0	20.6	56.4	22 400 *	30.6	60.9	24 800 *	42.5	65.1	29 300	51.8	67.4	27 400	36.0
38.0				21.9	56.7	22 600 *	36.5	62.6	26 900	46.8	65.6	25 600	38.0
40.0							29.4	59.5	24 400 *	41.3	63.5	24 000	40.0
42.0							20.2	55.0	22 400 *	35.2	60.9	22 500	42.0
44.0										27.8	57.5	21 200	44.0
46.0										17.8	52.6	20 000	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

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MAX-ER 225
On 2250 or
M-250

42.7m (140 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	68.8	77.2	59 100 *										19.8
20.0	68.5	77.1	58 300 *										20.0
22.0	64.7	76.2	50 600 *										22.0
24.0	60.9	75.1	43 600 *	65.2	75.9	51 100							24.0
26.0	56.8	73.9	38 200 *	61.3	74.9	44 300 *							26.0
28.0	52.6	72.4	34 000 *	57.3	73.7	38 800 *							28.0
30.0	48.1	70.7	30 400 *	53.1	72.3	34 400 *	60.7	73.9	36 600				30.0
32.0	43.3	68.7	27 500 *	48.7	70.6	30 800 *	56.7	72.6	33 700				32.0
34.0	38.0	66.4	25 000 *	43.9	68.6	27 900 *	52.5	71.2	31 200				34.0
36.0	31.9	63.4	22 900 *	38.7	66.3	25 300 *	48.0	69.5	29 100	55.9	71.2	27 200	36.0
38.0	24.5	59.6	21 000 *	32.7	63.5	23 100 *	43.1	67.5	27 100	51.6	69.7	25 400	38.0
40.0				25.5	59.8	21 200 *	37.8	65.1	25 000 *	47.0	67.9	23 800	40.0
42.0				15.4	54.2	19 500 *	31.7	62.1	22 800 *	42.1	65.8	22 400	42.0
44.0							24.2	58.2	21 000 *	36.6	63.3	21 000	44.0
46.0										30.3	60.2	19 800	46.0
48.0										22.4	56.1	18 700	48.0
50.0										9.4	48.7	17 700	50.0

42.7m (140 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	70.7	80.4	55 200 *										19.8
20.0	70.4	80.3	55 000 *										20.0
22.0	67.0	79.5	50 900 *										22.0
24.0	63.5	78.6	43 400 *										24.0
26.0	59.9	77.5	38 100 *	63.9	78.4	44 200 *							26.0
28.0	56.2	76.2	33 800 *	60.4	77.3	38 700 *							28.0
30.0	52.3	74.7	30 300 *	56.7	76.0	34 300 *							30.0
32.0	48.2	73.0	27 300 *	52.8	74.6	30 700 *	59.8	76.2	33 400				32.0
34.0	43.8	71.1	24 800 *	48.7	72.9	27 700 *	56.1	75.0	31 000				34.0
36.0	39.0	68.8	22 700 *	44.4	71.0	25 100 *	52.2	73.5	28 800				36.0
38.0	33.6	66.0	20 900 *	39.6	68.7	23 000 *	48.1	71.8	26 900	55.3	73.5	25 100	38.0
40.0	27.4	62.5	19 200 *	34.3	66.0	21 100 *	43.6	69.8	24 800 *	51.4	72.0	23 500	40.0
42.0	19.2	57.7	17 800 *	28.2	62.6	19 400 *	38.8	67.5	22 600 *	47.2	70.2	22 100	42.0
44.0				20.4	58.0	18 000 *	33.4	64.6	20 800 *	42.7	68.2	20 800	44.0
46.0							27.1	61.1	19 200 *	37.8	65.8	19 600	46.0
48.0							18.9	56.3	17 700 *	32.2	62.8	18 500	48.0
50.0										25.6	59.1	17 500	50.0
52.0										16.7	53.8	16 600	52.0

Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

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42.7m (140 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	69.9	83.1	49 400 *										21.3
22.0	68.8	82.8	48 600 *										22.0
24.0	65.7	82.0	44 200 *										24.0
26.0	62.5	81.0	38 300 *	66.1	81.7	44 600 *							26.0
28.0	59.1	79.8	34 000 *	62.9	80.8	38 900 *							28.0
30.0	55.7	78.5	30 400 *	59.5	79.6	34 500 *							30.0
32.0	52.1	77.0	27 400 *	56.1	78.3	30 800 *	62.3	79.7	33 300				32.0
34.0	48.3	75.3	24 900 *	52.5	76.9	27 800 *	59.0	78.6	30 900				34.0
36.0	44.2	73.4	22 700 *	48.7	75.2	25 200 *	55.5	77.3	28 700				36.0
38.0	39.9	71.1	20 900 *	44.7	73.3	23 000 *	51.9	75.8	26 800				38.0
40.0	35.0	68.5	19 200 *	40.4	71.1	21 100 *	48.1	74.1	24 900 *	54.8	75.8	23 400	40.0
42.0	29.5	65.2	17 800 *	35.7	68.5	19 400 *	44.1	72.1	22 700 *	51.2	74.3	22 000	42.0
44.0	22.8	61.1	16 500 *	30.3	65.3	18 000 *	39.7	69.8	20 800 *	47.3	72.5	20 700	44.0
46.0				23.8	61.3	16 600 *	34.9	67.1	19 200 *	43.2	70.5	19 500	46.0
48.0				14.7	55.4	15 400 *	29.3	63.9	17 700 *	38.8	68.2	18 400	48.0
50.0							22.6	59.7	16 500 *	33.8	65.4	17 500	50.0
52.0										28.1	62.0	16 600	52.0
54.0										21.0	57.5	15 700	54.0
56.0										9.5	49.8	14 900	56.0

42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	69.2	85.8	44 700 *										22.9
24.0	67.5	85.3	43 000 *										24.0
26.0	64.6	84.4	38 100 *										26.0
28.0	61.6	83.4	33 800 *	64.9	84.2	38 800 *							28.0
30.0	58.4	82.2	30 200 *	61.9	83.1	34 300 *							30.0
32.0	55.2	80.9	27 200 *	58.8	82.0	30 600 *							32.0
34.0	51.9	79.3	24 700 *	55.6	80.7	27 600 *	61.4	82.1	30 600				34.0
36.0	48.3	77.6	22 500 *	52.3	79.2	25 000 *	58.3	80.9	28 500				36.0
38.0	44.6	75.7	20 700 *	48.8	77.5	22 800 *	55.1	79.6	26 600				38.0
40.0	40.6	73.5	19 000 *	45.0	75.6	20 900 *	51.7	78.1	24 700 *				40.0
42.0	36.2	70.9	17 500 *	41.1	73.4	19 200 *	48.2	76.4	22 500 *	54.4	78.1	21 700	42.0
44.0	31.3	67.9	16 300 *	36.8	70.9	17 700 *	44.4	74.4	20 600 *	51.0	76.6	20 400	44.0
46.0	25.6	64.1	15 100 *	31.9	67.9	16 400 *	40.4	72.2	19 000 *	47.5	74.8	19 300	46.0
48.0	18.2	59.0	14 000 *	26.3	64.2	15 300 *	36.0	69.6	17 500 *	43.7	72.8	18 200	48.0
50.0				19.2	59.3	14 200 *	31.1	66.5	16 200 *	39.6	70.5	17 200	50.0
52.0							25.3	62.7	15 100 *	35.1	67.9	16 300	52.0
54.0							17.8	57.5	14 000 *	30.0	64.7	15 500	54.0
56.0										24.0	60.6	14 700	56.0
58.0										15.9	55.0	13 800 *	58.0



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Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

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MAX-ER 225
On 2250 or
M-250

42.7m (140 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	70.6	89.0	43 000 *										22.9
24.0	69.1	88.6	42 000 *										24.0
26.0	66.4	87.8	38 600 *										26.0
28.0	63.6	86.8	34 100 *	66.7	87.5	39 200 *							28.0
30.0	60.8	85.7	30 500 *	64.0	86.6	34 600 *							30.0
32.0	57.8	84.5	27 400 *	61.1	85.5	30 900 *							32.0
34.0	54.8	83.2	24 900 *	58.2	84.3	27 800 *							34.0
36.0	51.7	81.7	22 700 *	55.2	83.0	25 200 *	60.7	84.5	28 300				36.0
38.0	48.4	79.9	20 800 *	52.1	81.5	23 000 *	57.7	83.3	26 400				38.0
40.0	44.9	78.0	19 200 *	48.8	79.8	21 000 *	54.7	81.9	24 600				40.0
42.0	41.2	75.8	17 700 *	45.3	77.9	19 300 *	51.5	80.4	22 700 *				42.0
44.0	37.2	73.3	16 400 *	41.6	75.8	17 800 *	48.2	78.7	20 800 *	54.1	80.4	20 200	44.0
46.0	32.7	70.4	15 200 *	37.7	73.3	16 500 *	44.8	76.7	19 100 *	50.9	78.9	19 100	46.0
48.0	27.7	66.9	14 100 *	33.3	70.5	15 300 *	41.0	74.5	17 600 *	47.6	77.1	18 000	48.0
50.0	21.6	62.5	13 200 *	28.3	67.0	14 300 *	37.0	72.0	16 300 *	44.0	75.1	17 000	50.0
52.0				22.4	62.7	13 300 *	32.6	69.1	15 200 *	40.3	72.9	16 100	52.0
54.0				14.2	56.5	12 200 *	27.5	65.6	14 100 *	36.2	70.3	15 300	54.0
56.0							21.3	61.1	13 100 *	31.6	67.3	14 500	56.0
58.0										26.4	63.6	13 800	58.0
60.0										19.8	58.8	13 000 *	60.0
62.0										9.6	50.9	12 100 *	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	70.0	91.7	38 500 *										24.4
26.0	68.0	91.1	37 100 *										26.0
28.0	65.4	90.2	34 400 *										28.0
30.0	62.8	89.2	30 500 *	65.7	90.0	34 700 *							30.0
32.0	60.1	88.1	27 500 *	63.1	89.0	31 000 *							32.0
34.0	57.3	86.9	24 900 *	60.4	87.9	27 800 *							34.0
36.0	54.5	85.5	22 600 *	57.7	86.7	25 200 *							36.0
38.0	51.5	84.0	20 700 *	54.8	85.3	22 900 *	60.0	86.9	26 100				38.0
40.0	48.4	82.2	19 000 *	51.9	83.8	20 900 *	57.2	85.6	24 400				40.0
42.0	45.2	80.3	17 500 *	48.8	82.1	19 200 *	54.4	84.2	22 600 *				42.0
44.0	41.7	78.2	16 200 *	45.6	80.2	17 700 *	51.4	82.7	20 700 *				44.0
46.0	38.0	75.8	15 000 *	42.1	78.1	16 400 *	48.3	81.0	19 000 *	53.8	82.8	18 800	46.0
48.0	34.0	73.0	14 000 *	38.5	75.7	15 200 *	45.0	79.1	17 500 *	50.8	81.2	17 800	48.0
50.0	29.4	69.7	13 000 *	34.5	73.0	14 100 *	41.6	76.9	16 200 *	47.6	79.4	16 800	50.0
52.0	24.1	65.6	12 100 *	30.0	69.7	13 100 *	37.9	74.4	15 000 *	44.4	77.5	15 900	52.0
54.0	17.3	60.2	11 200 *	24.8	65.8	12 200 *	33.8	71.6	13 900 *	40.9	75.3	15 100	54.0
56.0				18.3	60.6	11 400 *	29.3	68.3	13 000 *	37.1	72.7	14 300	56.0
58.0							23.9	64.2	12 100 *	32.9	69.8	13 600	58.0
60.0							17.0	58.7	11 300 *	28.3	66.4	12 800 *	60.0
62.0										22.7	62.1	11 900 *	62.0
64.0										15.3	56.1	11 200 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

42.7m (140 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	69.4	94.4	35 100 *										25.9
26.0	69.3	94.4	35 100 *										26.0
28.0	66.9	93.6	33 400 *										28.0
30.0	64.5	92.6	30 500 *										30.0
32.0	62.0	91.6	27 400 *	64.8	92.4	30 800 *							32.0
34.0	59.5	90.5	24 700 *	62.3	91.4	27 700 *							34.0
36.0	56.8	89.2	22 500 *	59.8	90.3	25 000 *							36.0
38.0	54.1	87.8	20 600 *	57.2	89.0	22 800 *							38.0
40.0	51.4	86.3	18 900 *	54.5	87.6	20 800 *	59.4	89.2	24 300				40.0
42.0	48.4	84.5	17 400 *	51.7	86.1	19 100 *	56.7	87.9	22 500 *				42.0
44.0	45.4	82.6	16 100 *	48.8	84.4	17 600 *	54.0	86.5	20 500 *				44.0
46.0	42.2	80.5	14 900 *	45.8	82.5	16 200 *	51.2	85.0	18 900 *	56.2	86.5	18 700	46.0
48.0	38.7	78.1	13 800 *	42.6	80.4	15 000 *	48.3	83.3	17 400 *	53.5	85.1	17 600	48.0
50.0	35.0	75.4	12 900 *	39.2	78.1	14 000 *	45.3	81.4	16 000 *	50.7	83.5	16 600	50.0
52.0	30.9	72.3	12 000 *	35.5	75.4	13 000 *	42.0	79.2	14 900 *	47.7	81.7	15 700	52.0
54.0	26.2	68.6	11 200 *	31.4	72.3	12 100 *	38.6	76.8	13 800 *	44.6	79.8	14 900	54.0
56.0	20.5	63.8	10 500 *	26.8	68.7	11 300 *	34.9	74.1	12 900 *	41.4	77.6	14 200	56.0
58.0				21.3	64.1	10 500 *	30.7	71.0	12 000 *	37.9	75.2	13 500	58.0
60.0				13.7	57.6	9 700 *	26.0	67.2	11 200 *	34.1	72.4	12 700 *	60.0
62.0							20.3	62.4	10 500 *	29.8	69.1	11 800 *	62.0
64.0							12.1	55.3	9 800 *	25.0	65.2	11 000 *	64.0
66.0										18.9	60.1	10 300 *	66.0
68.0										9.7	52.0	9 600 *	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

42.7m (140 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	70.6	97.7	33 000 *										25.9
26.0	70.5	97.6	32 900 *										26.0
28.0	68.3	96.9	31 200 *										28.0
30.0	66.0	96.0	29 500 *										30.0
32.0	63.7	95.0	27 100 *	66.3	95.8	29 600 *							32.0
34.0	61.3	94.0	24 500 *	64.0	94.8	27 600 *							34.0
36.0	58.9	92.8	22 300 *	61.6	93.8	24 800 *							36.0
38.0	56.4	91.5	20 300 *	59.2	92.6	22 500 *							38.0
40.0	53.9	90.1	18 700 *	56.7	91.3	20 600 *	61.2	92.7	24 100				40.0
42.0	51.2	88.6	17 200 *	54.2	89.9	18 800 *	58.8	91.6	22 300 *				42.0
44.0	48.5	86.8	15 800 *	51.5	88.4	17 300 *	56.3	90.3	20 300 *				44.0
46.0	45.6	85.0	14 700 *	48.8	86.7	16 000 *	53.8	88.8	18 600 *				46.0
48.0	42.6	82.9	13 600 *	46.0	84.8	14 800 *	51.1	87.3	17 100 *	55.8	88.8	17 400	48.0
50.0	39.4	80.5	12 600 *	42.9	82.8	13 700 *	48.4	85.6	15 800 *	53.2	87.4	16 400	50.0
52.0	35.9	77.9	11 800 *	39.8	80.5	12 700 *	45.5	83.7	14 600 *	50.6	85.8	15 500	52.0
54.0	32.1	74.9	10 900 *	36.3	77.9	11 900 *	42.5	81.6	13 600 *	47.8	84.0	14 700	54.0
56.0	27.9	71.4	10 200 *	32.6	74.9	11 000 *	39.2	79.2	12 600 *	44.9	82.1	14 000	56.0
58.0	23.0	67.1	9 500 *	28.4	71.5	10 300 *	35.8	76.6	11 800 *	41.8	79.9	13 300	58.0
60.0	16.7	61.4	8 800 *	23.6	67.3	9 600 *	32.0	73.6	10 900 *	38.6	77.5	12 500 *	60.0
62.0				17.6	61.9	9 000 *	27.7	70.0	10 200 *	35.0	74.8	11 600 *	62.0
64.0				7.7	52.6	7 900 *	22.8	65.7	9 500 *	31.2	71.7	10 800 *	64.0
66.0							16.4	59.9	8 900 *	26.8	68.0	10 100 *	66.0
68.0										21.6	63.5	9 400 *	68.0
70.0										14.8	57.3	8 800 *	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

42.7m (140 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	70.1	100.3	29 600 *										27.4
28.0	69.5	100.1	29 200 *										28.0
30.0	67.3	99.3	27 600 *										30.0
32.0	65.2	98.4	26 000 *	67.6	99.1	27 700 *							32.0
34.0	63.0	97.4	24 300 *	65.4	98.2	26 200 *							34.0
36.0	60.7	96.4	22 000 *	63.2	97.2	24 500 *							36.0
38.0	58.4	95.2	20 100 *	61.0	96.1	22 300 *							38.0
40.0	56.1	93.9	18 400 *	58.7	95.0	20 300 *							40.0
42.0	53.6	92.4	16 900 *	56.3	93.7	18 600 *	60.6	95.1	22 000 *				42.0
44.0	51.1	90.9	15 600 *	53.9	92.2	17 100 *	58.3	93.9	20 100 *				44.0
46.0	48.5	89.1	14 400 *	51.4	90.7	15 800 *	56.0	92.6	18 400 *				46.0
48.0	45.8	87.3	13 300 *	48.8	89.0	14 600 *	53.5	91.2	16 900 *				48.0
50.0	42.9	85.2	12 400 *	46.1	87.1	13 500 *	51.0	89.6	15 600 *	55.5	91.1	16 200	50.0
52.0	39.9	82.9	11 500 *	43.3	85.1	12 500 *	48.4	87.9	14 400 *	53.0	89.7	15 300	52.0
54.0	36.7	80.3	10 700 *	40.3	82.8	11 600 *	45.7	86.0	13 400 *	50.5	88.1	14 500	54.0
56.0	33.2	77.4	10 000 *	37.1	80.3	10 800 *	42.8	83.9	12 400 *	47.9	86.3	13 800	56.0
58.0	29.4	74.1	9 300 *	33.7	77.4	10 100 *	39.8	81.6	11 500 *	45.1	84.4	13 100	58.0
60.0	25.0	70.1	8 700 *	29.8	74.2	9 400 *	36.6	79.0	10 700 *	42.2	82.3	12 200 *	60.0
62.0	19.7	65.1	8 100 *	25.5	70.3	8 800 *	33.1	76.1	10 000 *	39.2	79.9	11 400 *	62.0
64.0	12.3	58.0	7 300 *	20.4	65.5	8 200 *	29.2	72.7	9 300 *	35.9	77.3	10 600 *	64.0
66.0				13.4	58.7	7 500 *	24.8	68.7	8 700 *	32.3	74.3	9 900 *	66.0
68.0							19.4	63.7	8 100 *	28.4	70.8	9 200 *	68.0
70.0							11.9	56.4	7 600 *	23.8	66.7	8 600 *	70.0
72.0										18.2	61.3	8 000 *	72.0
74.0										9.7	53.1	7 500 *	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

42.7m (140 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	69.6	103.0	25 500 *										29.0
30.0	68.5	102.6	24 700 *										30.0
32.0	66.5	101.8	23 200 *										32.0
34.0	64.4	100.9	21 800 *	66.7	101.5	23 400 *							34.0
36.0	62.3	99.8	20 400 *	64.7	100.6	22 000 *							36.0
38.0	60.2	98.7	19 100 *	62.6	99.6	20 600 *							38.0
40.0	58.0	97.5	17 800 *	60.4	98.5	19 300 *							40.0
42.0	55.7	96.2	16 600 *	58.2	97.3	18 000 *							42.0
44.0	53.4	94.7	15 400 *	56.0	96.0	16 800 *	60.1	97.5	19 000 *				44.0
46.0	51.0	93.2	14 400 *	53.7	94.6	15 700 *	57.9	96.2	17 800 *				46.0
48.0	48.5	91.4	13 300 *	51.3	93.0	14 500 *	55.6	94.9	16 600 *				48.0
50.0	45.9	89.6	12 300 *	48.8	91.3	13 400 *	53.3	93.5	15 500 *				50.0
52.0	43.3	87.5	11 400 *	46.3	89.5	12 400 *	50.9	91.9	14 300 *	55.2	93.5	15 100	52.0
54.0	40.4	85.3	10 600 *	43.6	87.4	11 500 *	48.4	90.2	13 200 *	52.8	92.0	14 200	54.0
56.0	37.4	82.7	9 800 *	40.8	85.2	10 700 *	45.9	88.3	12 300 *	50.4	90.4	13 500	56.0
58.0	34.2	79.9	9 100 *	37.8	82.7	9 900 *	43.2	86.2	11 400 *	47.9	88.6	12 800	58.0
60.0	30.6	76.7	8 500 *	34.6	79.9	9 200 *	40.3	84.0	10 600 *	45.3	86.7	12 100 *	60.0
62.0	26.6	73.0	7 900 *	31.1	76.8	8 600 *	37.3	81.4	9 800 *	42.6	84.6	11 200 *	62.0
64.0	22.0	68.5	7 300 *	27.1	73.1	8 000 *	34.0	78.6	9 200 *	39.7	82.3	10 400 *	64.0
66.0	16.1	62.6	6 700 *	22.6	68.8	7 400 *	30.5	75.4	8 500 *	36.6	79.7	9 700 *	66.0
68.0				17.0	63.1	6 900 *	26.5	71.7	7 900 *	33.3	76.8	9 000 *	68.0
70.0				8.0	53.7	6 000 *	21.8	67.1	7 400 *	29.7	73.5	8 400 *	70.0
72.0							15.9	61.1	6 800 *	25.6	69.6	7 800 *	72.0
74.0										20.8	64.9	7 300 *	74.0
76.0										14.4	58.4	6 800 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 0 kg Wheeled Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

48.8m (160 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
16.8	67.0	71.6	81 600 *b										16.8
18.0	63.3	71.0	74 300 *b										18.0
20.0	57.1	69.8	61 200 *b	65.0	70.9	64 500 b							20.0
22.0	50.3	68.3	51 500 *	58.9	69.7	57 200 b							22.0
24.0	42.8	66.3	44 300 *	52.3	68.3	51 300							24.0
26.0	33.9	63.7	38 800 *	45.0	66.5	46 200 *	59.5	68.9	43 500 b				26.0
28.0	22.0	59.7	34 400 *	36.6	64.1	40 200 *	53.0	67.5	39 700 b				28.0
30.0				25.9	60.6	35 500 *	45.8	65.7	36 400				30.0
32.0							37.5	63.4	33 600	53.3	66.3	31 300	32.0
34.0							27.2	60.1	31 100	46.2	64.5	29 000	34.0
36.0										38.0	62.2	27 000	36.0
38.0										27.8	59.0	25 200	38.0

48.8m (160 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
16.8	70.1	74.9	79 700 *b										16.8
18.0	66.9	74.4	74 300 *b										18.0
20.0	61.7	73.4	61 500 *b										20.0
22.0	56.1	72.1	51 800 *	63.1	73.3	57 100 b							22.0
24.0	50.2	70.6	44 500 *	57.7	72.1	51 100							24.0
26.0	43.6	68.6	39 000 *	51.9	70.6	46 200							26.0
28.0	36.1	66.1	34 500 *	45.5	68.8	40 400 *	58.3	71.2	39 400				28.0
30.0	26.9	62.8	30 900 *	38.3	66.5	35 700 *	52.5	69.8	36 200				30.0
32.0	12.1	56.8	27 900 *	29.7	63.4	31 800 *	46.2	68.0	33 400				32.0
34.0							39.1	65.8	30 900	52.8	68.6	28 800	34.0
36.0							30.7	62.8	28 800	46.5	66.8	26 700	36.0
38.0							19.2	58.3	26 800	39.5	64.6	25 000	38.0
40.0										31.2	61.7	23 400	40.0
42.0										19.9	57.3	21 900	42.0

Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

48.8m (160 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18.3	69.0	77.5	70 200 *b										18.3
20.0	65.1	76.8	62 000 *b										20.0
22.0	60.3	75.7	52 000 *	66.3	76.7	56 900 b							22.0
24.0	55.3	74.4	44 700 *	61.7	75.6	50 900							24.0
26.0	50.0	72.9	39 100 *	56.8	74.4	46 000							26.0
28.0	44.2	70.9	34 600 *	51.5	72.9	40 600 *							28.0
30.0	37.8	68.6	31 000 *	45.9	71.1	35 800 *	57.3	73.6	36 000				30.0
32.0	30.1	65.5	27 900 *	39.7	68.9	31 900 *	52.1	72.1	33 200				32.0
34.0	19.9	61.1	25 400 *	32.4	66.1	28 700 *	46.5	70.3	30 700				34.0
36.0				23.2	62.1	26 000 *	40.3	68.2	28 600	52.4	70.9	26 600	36.0
38.0							33.2	65.4	26 800	46.8	69.1	24 800	38.0
40.0							24.3	61.6	25 000	40.7	67.0	23 300	40.0
42.0										33.6	64.2	21 800	42.0
44.0										24.8	60.5	20 500	44.0

48.8m (160 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	68.1	80.2	61 700 *b										19.8
20.0	67.7	80.1	60 900 *b										20.0
22.0	63.6	79.2	52 500 *										22.0
24.0	59.2	78.1	44 900 *	64.7	79.1	50 700							24.0
26.0	54.7	76.7	39 200 *	60.5	78.0	45 800							26.0
28.0	49.9	75.2	34 700 *	56.0	76.7	40 800 *							28.0
30.0	44.7	73.3	31 000 *	51.3	75.2	35 900 *							30.0
32.0	39.0	71.0	27 900 *	46.2	73.4	32 000 *	56.5	75.9	32 900				32.0
34.0	32.5	68.1	25 400 *	40.7	71.3	28 800 *	51.8	74.4	30 500				34.0
36.0	24.4	64.3	23 200 *	34.4	68.6	26 000 *	46.8	72.7	28 400				36.0
38.0	11.7	57.9	21 200 *	26.9	65.1	23 700 *	41.3	70.5	26 500	52.0	73.2	24 500	38.0
40.0							35.1	67.9	24 900	47.0	71.4	23 000	40.0
42.0							27.7	64.5	23 300	41.6	69.3	21 600	42.0
44.0							17.7	59.6	21 900	35.4	66.7	20 300	44.0
46.0										28.2	63.4	19 100	46.0
48.0										18.3	58.6	18 100	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

48.8m (160 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	70.2	83.5	59 400 *										19.8
20.0	69.8	83.4	59 100 *										20.0
22.0	66.1	82.6	54 100 *										22.0
24.0	62.3	81.6	45 900 *										24.0
26.0	58.4	80.4	40 100 *	63.4	81.5	45 600							26.0
28.0	54.2	79.1	35 400 *	59.5	80.4	41 400							28.0
30.0	49.8	77.5	31 700 *	55.4	79.1	36 700 *							30.0
32.0	45.1	75.6	28 500 *	51.1	77.5	32 700 *	59.9	79.5	32 700				32.0
34.0	40.0	73.3	25 900 *	46.5	75.7	29 400 *	55.8	78.2	30 300				34.0
36.0	34.3	70.6	23 600 *	41.5	73.6	26 600 *	51.5	76.7	28 200				36.0
38.0	27.5	67.2	21 700 *	36.0	71.1	24 200 *	47.0	75.0	26 300				38.0
40.0	18.5	62.3	19 900 *	29.5	67.9	22 200 *	42.0	72.9	24 600	51.8	75.5	22 700	40.0
42.0				21.4	63.5	20 500 *	36.6	70.4	23 100	47.2	73.7	21 300	42.0
44.0							30.2	67.3	21 800	42.3	71.7	20 100	44.0
46.0							22.3	63.1	20 500	36.9	69.2	18 900	46.0
48.0										30.6	66.1	17 900	48.0
50.0										22.8	62.0	16 900	50.0

48.8m (160 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	69.4	86.2	52 700 *										21.3
22.0	68.2	85.9	51 700 *										22.0
24.0	64.8	85.0	46 600 *										24.0
26.0	61.3	84.0	40 300 *	65.8	84.9	45 400							26.0
28.0	57.6	82.8	35 500 *	62.3	83.9	41 200							28.0
30.0	53.8	81.4	31 700 *	58.6	82.7	36 800 *							30.0
32.0	49.8	79.8	28 500 *	54.9	81.4	32 700 *	62.6	83.0	32 400				32.0
34.0	45.5	77.9	25 800 *	50.9	79.8	29 400 *	59.0	81.9	30 000				34.0
36.0	40.8	75.7	23 600 *	46.7	78.0	26 600 *	55.3	80.5	27 900				36.0
38.0	35.7	73.1	21 600 *	42.2	76.0	24 200 *	51.3	79.0	26 100				38.0
40.0	29.8	69.9	19 900 *	37.2	73.5	22 100 *	47.2	77.3	24 400	55.5	79.3	22 500	40.0
42.0	22.6	65.8	18 400 *	31.6	70.5	20 300 *	42.7	75.2	22 900	51.5	77.8	21 100	42.0
44.0	11.5	59.0	16 700 *	24.8	66.7	18 800 *	37.7	72.8	21 600	47.4	76.0	19 800	44.0
46.0							32.2	69.9	20 300	42.9	74.0	18 700	46.0
48.0							25.6	66.1	19 000 *	38.0	71.6	17 700	48.0
50.0							16.6	60.8	17 500 *	32.5	68.7	16 700	50.0
52.0										26.0	65.0	15 800	52.0
54.0										17.2	59.8	15 000	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

48.8m (160 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	68.7	88.8	47 800 *										22.9
24.0	66.9	88.4	45 600 *										24.0
26.0	63.7	87.4	40 200 *	67.8	88.2	45 300							26.0
28.0	60.4	86.3	35 500 *	64.6	87.3	41 100							28.0
30.0	57.0	85.1	31 600 *	61.3	86.3	36 800 *							30.0
32.0	53.4	83.7	28 500 *	57.9	85.1	32 700 *							32.0
34.0	49.7	82.1	25 800 *	54.4	83.7	29 300 *	61.6	85.4	29 900				34.0
36.0	45.8	80.2	23 500 *	50.8	82.1	26 500 *	58.3	84.2	27 800				36.0
38.0	41.5	78.1	21 500 *	46.9	80.3	24 100 *	54.8	82.9	26 000				38.0
40.0	36.9	75.6	19 800 *	42.7	78.3	22 100 *	51.1	81.3	24 300				40.0
42.0	31.7	72.6	18 300 *	38.2	75.9	20 300 *	47.3	79.6	22 800	55.0	81.6	21 000	42.0
44.0	25.5	68.8	16 900 *	33.2	73.1	18 700 *	43.2	77.5	21 500	51.3	80.1	19 700	44.0
46.0	17.4	63.6	15 700 *	27.4	69.6	17 300 *	38.7	75.2	20 300	47.5	78.3	18 600	46.0
48.0				20.0	64.9	16 000 *	33.8	72.4	18 900 *	43.4	76.3	17 600	48.0
50.0							28.0	69.0	17 500 *	39.0	74.0	16 600	50.0
52.0							20.9	64.5	16 200 *	34.0	71.2	15 700	52.0
54.0										28.3	67.8	14 900	54.0
56.0										21.3	63.4	14 200	56.0

48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	70.3	92.1	44 800 *										22.9
24.0	68.6	91.7	43 700 *										24.0
26.0	65.7	90.8	40 100 *										26.0
28.0	62.7	89.8	35 300 *	66.5	90.7	40 900							28.0
30.0	59.6	88.7	31 400 *	63.5	89.7	36 600 *							30.0
32.0	56.4	87.4	28 300 *	60.5	88.6	32 500 *							32.0
34.0	53.1	86.0	25 600 *	57.3	87.4	29 100 *							34.0
36.0	49.7	84.4	23 300 *	54.1	86.0	26 300 *	60.8	87.8	27 600				36.0
38.0	46.0	82.5	21 300 *	50.6	84.4	23 900 *	57.7	86.6	25 700				38.0
40.0	42.1	80.4	19 600 *	47.0	82.6	21 900 *	54.4	85.2	24 100				40.0
42.0	37.9	78.0	18 100 *	43.2	80.6	20 100 *	51.0	83.6	22 600				42.0
44.0	33.2	75.1	16 700 *	39.1	78.3	18 500 *	47.4	81.9	21 300	54.6	83.9	19 500	44.0
46.0	27.8	71.6	15 500 *	34.6	75.6	17 100 *	43.6	79.9	20 000	51.2	82.4	18 300	46.0
48.0	21.2	67.2	14 400 *	29.4	72.3	15 900 *	39.5	77.6	18 700 *	47.6	80.6	17 300	48.0
50.0	11.3	60.0	13 200 *	23.2	68.2	14 800 *	35.0	74.9	17 200 *	43.8	78.6	16 400	50.0
52.0							30.0	71.7	16 000 *	39.8	76.4	15 500	52.0
54.0							23.9	67.7	14 900 *	35.3	73.7	14 700	54.0
56.0							15.8	62.0	13 800 *	30.3	70.5	14 000	56.0
58.0										24.3	66.6	13 300	58.0
60.0										16.3	61.0	12 600	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

48.8m (160 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	69.6	94.8	41 600 *										24.4
26.0	67.4	94.1	40 300 *										26.0
28.0	64.7	93.2	35 700 *										28.0
30.0	61.8	92.2	31 800 *	65.4	93.1	36 900							30.0
32.0	58.9	91.0	28 500 *	62.6	92.1	32 800 *							32.0
34.0	56.0	89.7	25 800 *	59.8	91.0	29 400 *							34.0
36.0	52.8	88.3	23 500 *	56.8	89.7	26 500 *							36.0
38.0	49.6	86.7	21 500 *	53.7	88.3	24 100 *	60.1	90.1	25 500				38.0
40.0	46.2	84.8	19 700 *	50.5	86.7	22 000 *	57.1	88.9	23 800				40.0
42.0	42.6	82.7	18 200 *	47.2	84.9	20 200 *	54.0	87.5	22 400				42.0
44.0	38.7	80.4	16 800 *	43.6	82.9	18 600 *	50.9	85.9	21 000				44.0
46.0	34.4	77.6	15 600 *	39.8	80.7	17 200 *	47.5	84.2	19 800	54.2	86.2	18 100	46.0
48.0	29.7	74.4	14 500 *	35.7	78.0	16 000 *	44.0	82.2	18 700	51.0	84.7	17 100	48.0
50.0	24.0	70.3	13 500 *	31.1	74.9	14 800 *	40.2	79.9	17 300 *	47.7	82.9	16 100	50.0
52.0	16.6	64.8	12 600 *	25.7	71.2	13 800 *	36.1	77.3	16 100 *	44.2	81.0	15 300	52.0
54.0				19.0	66.2	12 800 *	31.6	74.3	14 900 *	40.4	78.7	14 500	54.0
56.0							26.3	70.6	13 900 *	36.3	76.2	13 800	56.0
58.0							19.8	65.8	13 000 *	31.8	73.1	13 100	58.0
60.0										26.6	69.5	12 400	60.0
62.0										20.1	64.8	11 800	62.0
64.0										10.3	57.1	11 200	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	70.9	98.0	38 500 *										24.4
26.0	68.9	97.4	37 200 *										26.0
28.0	66.3	96.6	35 500 *										28.0
30.0	63.7	95.6	32 000 *										30.0
32.0	61.1	94.6	28 600 *	64.5	95.5	32 900 *							32.0
34.0	58.4	93.4	25 800 *	61.8	94.5	29 400 *							34.0
36.0	55.5	92.1	23 400 *	59.1	93.3	26 500 *							36.0
38.0	52.6	90.6	21 400 *	56.3	92.0	24 100 *							38.0
40.0	49.6	89.0	19 600 *	53.4	90.6	21 900 *	59.4	92.5	23 600				40.0
42.0	46.4	87.1	18 100 *	50.4	89.0	20 100 *	56.6	91.2	22 100				42.0
44.0	43.0	85.1	16 700 *	47.3	87.2	18 500 *	53.7	89.8	20 800				44.0
46.0	39.4	82.7	15 500 *	44.0	85.3	17 100 *	50.7	88.2	19 600	56.8	90.0	17 900	46.0
48.0	35.5	80.1	14 400 *	40.4	83.0	15 800 *	47.6	86.5	18 500	53.9	88.5	16 800	48.0
50.0	31.2	77.0	13 400 *	36.6	80.5	14 700 *	44.3	84.5	17 200 *	50.9	87.0	15 900	50.0
52.0	26.2	73.3	12 400 *	32.4	77.5	13 600 *	40.8	82.3	15 900 *	47.8	85.2	15 000	52.0
54.0	20.1	68.5	11 600 *	27.7	74.0	12 700 *	37.0	79.8	14 800 *	44.5	83.3	14 300	54.0
56.0	11.1	61.1	10 300 *	22.0	69.6	11 900 *	32.9	76.9	13 700 *	41.0	81.1	13 500	56.0
58.0							28.2	73.4	12 800 *	37.2	78.6	12 800	58.0
60.0							22.6	69.1	11 900 *	33.1	75.7	12 200	60.0
62.0							15.2	63.1	11 200 *	28.5	72.3	11 600	62.0
64.0										23.0	68.0	11 100	64.0
66.0										15.7	62.2	10 500	66.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	70.3	100.7	35 100 *										25.9
26.0	70.2	100.7	35 100 *										26.0
28.0	67.8	99.9	33 700 *										28.0
30.0	65.4	99.0	31 600 *										30.0
32.0	62.9	98.0	28 400 *	66.1	98.9	32 400 *							32.0
34.0	60.4	97.0	25 600 *	63.6	97.9	29 300 *							34.0
36.0	57.8	95.7	23 300 *	61.1	96.9	26 400 *							36.0
38.0	55.2	94.4	21 300 *	58.6	95.7	23 900 *							38.0
40.0	52.4	92.9	19 500 *	55.9	94.4	21 800 *	61.4	96.0	23 500				40.0
42.0	49.5	91.3	17 900 *	53.2	92.9	20 000 *	58.8	94.8	22 000				42.0
44.0	46.5	89.4	16 500 *	50.3	91.3	18 400 *	56.2	93.5	20 700				44.0
46.0	43.4	87.4	15 300 *	47.4	89.6	17 000 *	53.5	92.1	19 500				46.0
48.0	40.0	85.1	14 200 *	44.3	87.6	15 700 *	50.6	90.5	18 400	56.3	92.3	16 700	48.0
50.0	36.4	82.5	13 200 *	41.0	85.4	14 500 *	47.7	88.8	17 100 *	53.6	90.9	15 800	50.0
52.0	32.5	79.6	12 300 *	37.5	82.9	13 500 *	44.6	86.8	15 800 *	50.8	89.3	14 900	52.0
54.0	28.0	76.1	11 500 *	33.6	80.0	12 600 *	41.3	84.6	14 600 *	47.9	87.5	14 100	54.0
56.0	22.8	71.8	10 700 *	29.3	76.7	11 700 *	37.8	82.2	13 600 *	44.8	85.6	13 400	56.0
58.0	16.0	66.0	10 000 *	24.4	72.7	10 900 *	34.0	79.4	12 700 *	41.5	83.4	12 800	58.0
60.0				18.1	67.4	10 200 *	29.8	76.1	11 800 *	38.0	81.0	12 100	60.0
62.0							24.9	72.2	11 000 *	34.2	78.2	11 500	62.0
64.0							18.9	67.1	10 300 *	30.0	75.0	11 000	64.0
66.0										25.2	71.1	10 400	66.0
68.0										19.2	66.1	9 900	68.0
70.0										10.2	58.2	9 500	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	69.8	103.4	31 900 *										27.4
28.0	69.1	103.2	31 500 *										28.0
30.0	66.9	102.4	29 800 *										30.0
32.0	64.6	101.5	28 200 *	67.5	102.2	30 100 *							32.0
34.0	62.2	100.4	25 400 *	65.2	101.3	28 500 *							34.0
36.0	59.8	99.3	23 100 *	62.9	100.3	26 300 *							36.0
38.0	57.4	98.1	21 000 *	60.5	99.2	23 700 *							38.0
40.0	54.8	96.7	19 300 *	58.0	98.0	21 600 *							40.0
42.0	52.2	95.2	17 700 *	55.5	96.7	19 700 *	60.7	98.4	21 800				42.0
44.0	49.5	93.6	16 300 *	53.0	95.2	18 100 *	58.3	97.2	20 400				44.0
46.0	46.7	91.7	15 100 *	50.3	93.6	16 700 *	55.8	95.9	19 200				46.0
48.0	43.7	89.7	14 000 *	47.5	91.9	15 400 *	53.2	94.4	18 100				48.0
50.0	40.6	87.5	13 000 *	44.6	89.9	14 300 *	50.6	92.8	16 900 *	55.9	94.6	15 500	50.0
52.0	37.2	85.0	12 100 *	41.5	87.7	13 200 *	47.8	91.1	15 500 *	53.4	93.2	14 700	52.0
54.0	33.6	82.1	11 300 *	38.2	85.3	12 300 *	44.9	89.1	14 400 *	50.7	91.6	13 900	54.0
56.0	29.5	78.8	10 500 *	34.6	82.5	11 500 *	41.8	87.0	13 300 *	47.9	89.8	13 100	56.0
58.0	24.9	74.8	9 800 *	30.7	79.4	10 700 *	38.5	84.6	12 400 *	45.0	87.9	12 500	58.0
60.0	19.3	69.8	9 200 *	26.3	75.6	10 000 *	35.0	81.9	11 600 *	42.0	85.8	11 900	60.0
62.0	11.0	62.2	8 100 *	21.0	71.0	9 300 *	31.1	78.7	10 800 *	38.7	83.4	11 300	62.0
64.0				13.8	64.4	8 700 *	26.8	75.1	10 100 *	35.2	80.7	10 700	64.0
66.0							21.6	70.5	9 400 *	31.3	77.6	10 200	66.0
68.0							14.7	64.3	8 800 *	27.0	73.9	9 700	68.0
70.0										21.9	69.5	9 300	70.0
72.0										15.2	63.3	8 800	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

48.8m (160 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	70.9	106.7	29 800 *										27.4
28.0	70.3	106.5	29 300 *										28.0
30.0	68.1	105.7	27 900 *										30.0
32.0	66.0	104.8	26 400 *										32.0
34.0	63.8	103.9	24 900 *	66.6	104.7	26 700 *							34.0
36.0	61.6	102.8	22 900 *	64.4	103.7	25 300 *							36.0
38.0	59.3	101.7	20 800 *	62.2	102.7	23 500 *							38.0
40.0	56.9	100.4	19 000 *	59.9	101.6	21 300 *							40.0
42.0	54.5	99.0	17 500 *	57.6	100.4	19 500 *							42.0
44.0	52.0	97.5	16 100 *	55.2	99.0	17 900 *	60.2	100.7	20 200				44.0
46.0	49.5	95.9	14 800 *	52.7	97.5	16 500 *	57.8	99.5	19 000				46.0
48.0	46.8	94.0	13 800 *	50.2	95.9	15 200 *	55.5	98.2	17 900				48.0
50.0	44.0	92.0	12 800 *	47.6	94.2	14 000 *	53.0	96.7	16 600 *				50.0
52.0	41.1	89.8	11 800 *	44.8	92.2	13 000 *	50.5	95.1	15 300 *	55.6	96.9	14 500	52.0
54.0	37.9	87.4	11 000 *	41.9	90.1	12 100 *	47.8	93.4	14 200 *	53.1	95.5	13 700	54.0
56.0	34.5	84.6	10 300 *	38.8	87.7	11 200 *	45.1	91.5	13 100 *	50.6	93.9	13 000	56.0
58.0	30.8	81.4	9 600 *	35.5	85.0	10 500 *	42.2	89.3	12 200 *	48.0	92.1	12 300	58.0
60.0	26.7	77.7	8 900 *	31.9	82.0	9 800 *	39.1	87.0	11 300 *	45.2	90.2	11 700	60.0
62.0	21.8	73.2	8 300 *	27.9	78.4	9 100 *	35.9	84.3	10 600 *	42.4	88.1	11 100	62.0
64.0	15.4	67.1	7 800 *	23.2	74.2	8 500 *	32.3	81.3	9 800 *	39.3	85.8	10 500	64.0
66.0				17.4	68.7	7 900 *	28.3	77.8	9 200 *	36.0	83.1	10 000	66.0
68.0							23.8	73.7	8 600 *	32.5	80.2	9 600	68.0
70.0							18.1	68.3	8 000 *	28.5	76.7	9 100	70.0
72.0										24.0	72.6	8 600 *	72.0
74.0										18.5	67.3	8 000 *	74.0
76.0										10.2	59.3	7 500 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	70.3	109.4	25 800 *										29.0
30.0	69.3	109.0	25 000 *										30.0
32.0	67.3	108.2	23 600 *										32.0
34.0	65.2	107.3	22 200 *										34.0
36.0	63.1	106.3	20 800 *	65.8	107.1	22 500 *							36.0
38.0	61.0	105.2	19 500 *	63.7	106.2	21 200 *							38.0
40.0	58.8	104.0	18 200 *	61.6	105.1	19 900 *							40.0
42.0	56.6	102.7	17 000 *	59.4	104.0	18 600 *							42.0
44.0	54.3	101.3	15 900 *	57.2	102.7	17 400 *							44.0
46.0	51.9	99.8	14 800 *	54.9	101.3	16 300 *	59.6	103.1	18 700 *				46.0
48.0	49.5	98.2	13 600 *	52.6	99.8	15 100 *	57.4	101.9	17 500 *				48.0
50.0	46.9	96.3	12 600 *	50.1	98.2	13 900 *	55.1	100.5	16 400 *				50.0
52.0	44.3	94.4	11 700 *	47.6	96.5	12 900 *	52.8	99.0	15 300 *	57.5	100.6	14 200	52.0
54.0	41.5	92.2	10 900 *	45.0	94.5	12 000 *	50.4	97.4	14 100 *	55.3	99.3	13 400	54.0
56.0	38.5	89.8	10 100 *	42.3	92.4	11 100 *	47.9	95.7	13 000 *	52.9	97.8	12 700	56.0
58.0	35.4	87.1	9 400 *	39.4	90.1	10 300 *	45.3	93.8	12 100 *	50.5	96.2	12 000	58.0
60.0	32.0	84.0	8 700 *	36.3	87.4	9 600 *	42.6	91.7	11 200 *	48.0	94.4	11 400	60.0
62.0	28.2	80.5	8 100 *	33.0	84.5	8 900 *	39.7	89.3	10 400 *	45.4	92.5	10 800	62.0
64.0	23.8	76.3	7 500 *	29.3	81.1	8 300 *	36.6	86.8	9 700 *	42.7	90.4	10 300	64.0
66.0	18.5	71.1	7 000 *	25.1	77.2	7 800 *	33.3	83.9	9 000 *	39.8	88.1	9 800	66.0
68.0	10.9	63.3	6 200 *	20.1	72.3	7 200 *	29.7	80.5	8 400 *	36.8	85.6	9 300	68.0
70.0				13.5	65.5	6 600 *	25.6	76.7	7 800 *	33.5	82.7	8 900	70.0
72.0							20.7	71.9	7 300 *	29.9	79.4	8 400	72.0
74.0							14.3	65.4	6 800 *	25.8	75.5	7 800 *	74.0
76.0										21.0	70.8	7 300 *	76.0
78.0										14.7	64.5	6 800 *	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

54.9m (180 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18.3	64.7	77.3	74 200 b										18.3
20.0	59.5	76.3	65 900 *b										20.0
22.0	52.9	74.9	54 700 *b	62.2	76.4	56 000 b							22.0
24.0	45.7	73.1	46 800 *	55.8	75.1	50 200 b							24.0
26.0	37.4	70.8	40 700 *	48.9	73.5	45 400							26.0
28.0	27.0	67.5	35 900 *	41.2	71.4	41 400	58.2	74.5	38 100 b				28.0
30.0				32.0	68.6	37 800	51.5	73.1	34 900				30.0
32.0				18.9	64.2	33 700 *	44.1	71.2	32 300				32.0
34.0							35.6	68.7	29 900	53.6	72.1	27 200 b	34.0
36.0							24.5	65.1	27 800	46.5	70.3	25 400	36.0
38.0										38.4	68.0	23 700	38.0
40.0										28.3	64.9	22 100	40.0

54.9m (180 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18.3	68.1	80.6	74 000 b										18.3
20.0	63.6	79.8	65 800 b										20.0
22.0	58.2	78.7	55 100 *b	65.9	79.8	55 800 b							22.0
24.0	52.4	77.2	47 000 *	60.6	78.7	49 900 b							24.0
26.0	46.1	75.4	40 900 *	55.0	77.4	45 200							26.0
28.0	39.1	73.2	36 100 *	49.0	75.8	41 200							28.0
30.0	30.6	70.2	32 200 *	42.3	73.8	37 800	57.1	76.9	34 700				30.0
32.0	19.0	65.7	28 900 *	34.5	71.2	33 800 *	51.2	75.4	32 000				32.0
34.0				24.7	67.5	30 300 *	44.8	73.5	29 600				34.0
36.0							37.5	71.1	27 600	53.0	74.4	25 000	36.0
38.0							28.7	68.0	25 800	46.8	72.6	23 400	38.0
40.0										39.8	70.4	21 900	40.0
42.0										31.6	67.6	20 500	42.0
44.0										20.5	63.3	19 300	44.0

Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

54.9m (180 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18.3	70.6	83.9	71 700 *b										18.3
20.0	66.8	83.2	65 700 b										20.0
22.0	62.1	82.2	55 400 *										22.0
24.0	57.2	81.0	47 200 *	64.2	82.2	49 800							24.0
26.0	52.0	79.5	41 000 *	59.4	81.1	45 000							26.0
28.0	46.5	77.7	36 100 *	54.3	79.7	41 100							28.0
30.0	40.3	75.6	32 300 *	49.0	78.1	37 700							30.0
32.0	33.2	72.8	29 000 *	43.1	76.1	33 900	56.2	79.2	31 800				32.0
34.0	24.2	69.0	26 300 *	36.4	73.7	30 300 *	51.0	77.7	29 500				34.0
36.0				28.4	70.4	27 400 *	45.3	75.8	27 400				36.0
38.0				17.3	65.5	24 900 *	38.9	73.5	25 600	52.6	76.7	23 200	38.0
40.0							31.5	70.6	24 000	47.1	74.9	21 700	40.0
42.0							22.0	66.5	22 500	41.0	72.8	20 400	42.0
44.0										34.0	70.1	19 200	44.0
46.0										25.3	66.5	18 100	46.0

54.9m (180 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	69.6	86.6	62 900 *b										19.8
20.0	69.2	86.5	62 400 *b										20.0
22.0	65.1	85.6	56 300 *										22.0
24.0	60.9	84.6	47 400 *										24.0
26.0	56.4	83.3	41 200 *	62.7	84.6	44 700							26.0
28.0	51.7	81.8	36 300 *	58.4	83.4	40 800							28.0
30.0	46.7	80.1	32 300 *	53.8	82.1	37 500							30.0
32.0	41.2	77.9	29 000 *	49.0	80.4	33 900	60.0	82.8	31 500				32.0
34.0	35.0	75.3	26 300 *	43.7	78.5	30 400 *	55.5	81.5	29 200				34.0
36.0	27.6	71.9	23 900 *	37.9	76.1	27 400 *	50.8	80.0	27 100				36.0
38.0	17.5	66.9	21 900 *	31.1	73.1	24 900 *	45.7	78.1	25 300				38.0
40.0				22.5	69.0	22 700 *	40.0	75.9	23 700	52.2	79.0	21 400	40.0
42.0							33.7	73.2	22 300	47.3	77.2	20 100	42.0
44.0							25.9	69.6	21 000	41.8	75.1	18 900	44.0
46.0										35.7	72.6	17 800	46.0
48.0										28.5	69.3	16 800	48.0
50.0										18.8	64.6	15 900	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

54.9m (180 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	68.8	89.2	58 100 *										21.3
22.0	67.5	89.0	55 900 *										22.0
24.0	63.7	88.0	48 700 *										24.0
26.0	59.8	86.9	42 100 *	65.4	88.0	44 500							26.0
28.0	55.8	85.6	37 000 *	61.6	87.0	40 600							28.0
30.0	51.5	84.1	33 000 *	57.6	85.8	37 200							30.0
32.0	46.9	82.4	29 700 *	53.4	84.4	34 300	63.0	86.3	31 200				32.0
34.0	42.0	80.3	26 800 *	49.0	82.7	31 100 *	59.0	85.1	29 000				34.0
36.0	36.5	77.8	24 400 *	44.2	80.8	28 000 *	54.9	83.8	26 900				36.0
38.0	30.2	74.6	22 400 *	39.0	78.5	25 500 *	50.6	82.3	25 100				38.0
40.0	22.2	70.5	20 600 *	33.1	75.7	23 200 *	46.0	80.4	23 500	56.2	82.8	21 200	40.0
42.0				26.0	72.0	21 400 *	40.9	78.3	22 100	52.0	81.3	19 900	42.0
44.0				16.2	66.7	19 700 *	35.3	75.7	20 800	47.4	79.5	18 700	44.0
46.0							28.7	72.4	19 600	42.5	77.5	17 600	46.0
48.0							20.3	67.9	18 500	37.1	75.0	16 600	48.0
50.0										30.9	72.0	15 700	50.0
52.0										23.2	68.0	14 900	52.0

54.9m (180 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	70.6	92.5	53 600 *										21.3
22.0	69.5	92.3	52 700 *										22.0
24.0	66.1	91.4	48 700 *										24.0
26.0	62.6	90.4	42 300 *	67.6	91.3	44 300							26.0
28.0	59.0	89.3	37 200 *	64.1	90.4	40 400							28.0
30.0	55.2	88.0	33 000 *	60.6	89.4	37 000							30.0
32.0	51.3	86.4	29 600 *	56.9	88.1	34 100							32.0
34.0	47.1	84.7	26 800 *	53.0	86.7	31 100 *	61.9	88.7	28 700				34.0
36.0	42.6	82.6	24 400 *	49.0	85.0	28 000 *	58.2	87.5	26 700				36.0
38.0	37.7	80.2	22 300 *	44.6	83.1	25 400 *	54.5	86.1	24 900				38.0
40.0	32.1	77.3	20 500 *	39.9	80.8	23 200 *	50.5	84.6	23 300				40.0
42.0	25.5	73.5	18 900 *	34.7	78.2	21 300 *	46.2	82.7	21 900	55.6	85.1	19 600	42.0
44.0	16.5	68.1	17 500 *	28.6	74.8	19 600 *	41.7	80.6	20 600	51.7	83.6	18 400	44.0
46.0				20.9	70.4	18 100 *	36.6	78.1	19 400	47.6	81.8	17 300	46.0
48.0							30.9	75.0	18 300	43.1	79.8	16 400	48.0
50.0							24.0	71.1	17 300	38.2	77.4	15 500	50.0
52.0										32.8	74.6	14 700	52.0
54.0										26.3	70.9	13 900	54.0
56.0										17.6	65.8	13 200	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

54.9m (180 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	69.8	95.2	48 500 *										22.9
24.0	68.0	94.7	47 300 *										24.0
26.0	64.9	93.8	42 300 *										26.0
28.0	61.6	92.8	37 100 *	66.3	93.8	40 300							28.0
30.0	58.3	91.6	33 000 *	63.1	92.8	36 900							30.0
32.0	54.8	90.3	29 600 *	59.7	91.7	34 000							32.0
34.0	51.1	88.7	26 800 *	56.3	90.4	31 100 *							34.0
36.0	47.3	87.0	24 300 *	52.7	89.0	28 000 *	60.9	91.0	26 600				36.0
38.0	43.1	84.9	22 200 *	49.0	87.3	25 300 *	57.6	89.8	24 800				38.0
40.0	38.7	82.6	20 400 *	45.0	85.4	23 100 *	54.0	88.4	23 200				40.0
42.0	33.7	79.8	18 800 *	40.7	83.2	21 200 *	50.4	86.9	21 800				42.0
44.0	28.0	76.4	17 400 *	35.9	80.6	19 500 *	46.5	85.0	20 500	55.1	87.4	18 300	44.0
46.0	20.8	71.8	16 200 *	30.6	77.5	18 000 *	42.3	83.0	19 300	51.5	85.9	17 200	46.0
48.0				24.2	73.6	16 700 *	37.7	80.5	18 200	47.7	84.1	16 200	48.0
50.0				15.4	67.8	15 500 *	32.6	77.6	17 300	43.6	82.1	15 400	50.0
52.0							26.7	74.0	16 300	39.2	79.8	14 600	52.0
54.0							19.0	69.2	15 500	34.3	77.1	13 800	54.0
56.0										28.6	73.7	13 100	56.0
58.0										21.6	69.4	12 400	58.0

54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	69.1	97.9	43 900 *										24.4
26.0	66.8	97.2	42 200 *										26.0
28.0	63.8	96.3	36 900 *										28.0
30.0	60.8	95.2	32 800 *	65.1	96.2	36 700							30.0
32.0	57.6	94.0	29 400 *	62.1	95.2	33 800							32.0
34.0	54.4	92.6	26 500 *	59.0	94.1	30 900 *							34.0
36.0	51.0	91.0	24 100 *	55.8	92.8	27 700 *							36.0
38.0	47.4	89.3	22 000 *	52.5	91.3	25 200 *	60.1	93.4	24 500				38.0
40.0	43.6	87.3	20 200 *	49.0	89.6	22 900 *	57.0	92.2	22 900				40.0
42.0	39.5	85.0	18 600 *	45.3	87.7	21 000 *	53.7	90.8	21 500				42.0
44.0	35.0	82.3	17 200 *	41.3	85.6	19 300 *	50.3	89.2	20 200				44.0
46.0	29.9	79.1	16 000 *	37.0	83.1	17 800 *	46.6	87.4	19 100	54.7	89.7	17 000	46.0
48.0	23.9	75.0	14 800 *	32.2	80.1	16 500 *	42.8	85.3	18 000	51.3	88.2	16 000	48.0
50.0	15.7	69.3	13 800 *	26.7	76.5	15 300 *	38.6	82.9	17 000	47.8	86.4	15 100	50.0
52.0				19.7	71.7	14 200 *	34.0	80.2	16 200	44.0	84.5	14 300	52.0
54.0							28.8	76.8	15 300	39.9	82.2	13 500	54.0
56.0							22.5	72.5	14 500	35.5	79.6	12 900	56.0
58.0										30.5	76.4	12 200	58.0
60.0										24.6	72.5	11 600	60.0
62.0										16.8	67.0	11 000	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	70.6	101.1	42 100 *										24.4
26.0	68.4	100.5	40 800 *										26.0
28.0	65.7	99.6	37 500 *										28.0
30.0	62.9	98.7	33 100 *										30.0
32.0	60.0	97.5	29 700 *	64.1	98.6	33 600							32.0
34.0	57.1	96.3	26 800 *	61.3	97.6	31 000							34.0
36.0	54.0	94.9	24 300 *	58.4	96.4	28 000 *							36.0
38.0	50.8	93.3	22 200 *	55.4	95.1	25 300 *							38.0
40.0	47.5	91.6	20 400 *	52.2	93.6	23 100 *	59.4	95.8	22 700				40.0
42.0	44.0	89.6	18 700 *	49.0	91.9	21 100 *	56.5	94.5	21 300				42.0
44.0	40.2	87.3	17 300 *	45.5	90.0	19 400 *	53.4	93.1	20 000				44.0
46.0	36.1	84.7	16 100 *	41.9	87.9	17 900 *	50.2	91.5	18 800	57.4	93.4	16 700	46.0
48.0	31.5	81.7	14 900 *	37.9	85.5	16 600 *	46.8	89.7	17 800	54.3	92.0	15 700	48.0
50.0	26.2	78.0	13 900 *	33.6	82.6	15 400 *	43.2	87.6	16 800	51.2	90.5	14 900	50.0
52.0	19.7	73.2	12 900 *	28.7	79.3	14 300 *	39.4	85.3	15 900	47.8	88.7	14 100	52.0
54.0				22.8	75.0	13 300 *	35.2	82.6	15 100	44.3	86.8	13 300	54.0
56.0				14.8	69.0	12 500 *	30.5	79.5	14 300	40.6	84.6	12 600	56.0
58.0							25.1	75.6	13 600	36.5	82.0	12 000	58.0
60.0							18.1	70.4	12 800 *	32.0	79.0	11 400	60.0
62.0										26.8	75.4	10 800	62.0
64.0										20.5	70.7	10 300	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	69.9	103.8	37 800 *										25.9
26.0	69.8	103.8	37 700 *										26.0
28.0	67.3	103.0	36 200 *										28.0
30.0	64.7	102.1	33 500 *										30.0
32.0	62.1	101.0	29 700 *	65.9	102.0	33 300							32.0
34.0	59.4	99.9	26 800 *	63.2	101.1	30 800							34.0
36.0	56.6	98.6	24 300 *	60.6	100.0	28 100 *							36.0
38.0	53.7	97.2	22 100 *	57.8	98.7	25 300 *							38.0
40.0	50.7	95.6	20 300 *	55.0	97.4	23 000 *	61.5	99.3	22 400				40.0
42.0	47.6	93.9	18 600 *	52.0	95.9	21 100 *	58.8	98.1	21 000				42.0
44.0	44.3	91.9	17 200 *	49.0	94.2	19 300 *	56.0	96.8	19 800				44.0
46.0	40.8	89.7	15 900 *	45.8	92.3	17 800 *	53.1	95.4	18 600				46.0
48.0	37.0	87.2	14 800 *	42.3	90.2	16 500 *	50.1	93.8	17 500	56.9	95.7	15 500	48.0
50.0	32.9	84.3	13 700 *	38.7	87.9	15 300 *	46.9	92.0	16 600	54.0	94.3	14 600	50.0
52.0	28.2	80.8	12 800 *	34.7	85.1	14 100 *	43.6	89.9	15 700	51.0	92.8	13 800	52.0
54.0	22.6	76.5	11 900 *	30.3	81.9	13 200 *	40.0	87.7	14 900	47.9	91.0	13 100	54.0
56.0	15.1	70.5	11 000 *	25.2	78.1	12 300 *	36.2	85.1	14 100	44.6	89.1	12 400	56.0
58.0				18.7	73.0	11 500 *	32.0	82.1	13 400	41.2	86.9	11 800	58.0
60.0							27.1	78.5	12 600 *	37.4	84.4	11 200	60.0
62.0							21.3	73.9	11 800 *	33.3	81.6	10 600	62.0
64.0							13.1	67.3	11 000 *	28.7	78.2	10 100	64.0
66.0										23.2	74.0	9 600	66.0
68.0										16.1	68.2	9 100	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 0 kg Wheeled Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	69.4	106.5	34 500 *										27.4
28.0	68.7	106.3	34 100 *										28.0
30.0	66.3	105.4	32 600 *										30.0
32.0	63.9	104.5	29 600 *	67.4	105.4	33 200							32.0
34.0	61.4	103.4	26 600 *	64.9	104.5	30 600							34.0
36.0	58.8	102.3	24 100 *	62.5	103.4	27 900 *							36.0
38.0	56.2	101.0	22 000 *	59.9	102.3	25 200 *							38.0
40.0	53.4	99.5	20 100 *	57.3	101.1	22 900 *							40.0
42.0	50.6	97.9	18 500 *	54.6	99.7	20 900 *	60.8	101.7	20 900				42.0
44.0	47.7	96.2	17 000 *	51.9	98.2	19 200 *	58.3	100.5	19 600				44.0
46.0	44.6	94.2	15 800 *	49.0	96.5	17 700 *	55.6	99.1	18 500				46.0
48.0	41.3	92.0	14 600 *	46.0	94.7	16 300 *	52.9	97.7	17 400				48.0
50.0	37.8	89.6	13 600 *	42.8	92.6	15 100 *	50.0	96.1	16 500				50.0
52.0	34.0	86.8	12 700 *	39.4	90.2	14 000 *	47.1	94.3	15 600	53.7	96.7	13 700	52.0
54.0	29.7	83.5	11 800 *	35.7	87.6	13 100 *	43.9	92.3	14 800	50.9	95.1	13 000	54.0
56.0	24.9	79.6	11 000 *	31.7	84.6	12 100 *	40.6	90.0	14 000	48.0	93.3	12 300	56.0
58.0	18.8	74.5	10 300 *	27.1	80.9	11 300 *	37.1	87.5	13 300	44.9	91.4	11 600	58.0
60.0				21.6	76.4	10 600 *	33.2	84.6	12 500 *	41.7	89.3	11 000	60.0
62.0				14.3	70.1	9 900 *	28.8	81.2	11 600 *	38.2	86.8	10 500	62.0
64.0							23.8	77.1	10 900 *	34.4	84.1	10 000	64.0
66.0							17.3	71.6	10 100 *	30.2	80.8	9 500	66.0
68.0										25.4	77.0	9 000	68.0
70.0										19.5	72.0	8 600	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	70.6	109.7	32 400 *										27.4
28.0	69.9	109.5	31 900 *										28.0
30.0	67.7	108.7	30 400 *										30.0
32.0	65.4	107.9	28 800 *										32.0
34.0	63.1	106.9	26 400 *	66.4	107.8	29 400 *							34.0
36.0	60.7	105.8	23 900 *	64.1	106.9	27 500 *							36.0
38.0	58.3	104.6	21 700 *	61.8	105.8	24 900 *							38.0
40.0	55.8	103.3	19 900 *	59.3	104.7	22 600 *							40.0
42.0	53.2	101.8	18 200 *	56.9	103.4	20 700 *							42.0
44.0	50.5	100.2	16 800 *	54.3	102.0	18 900 *	60.2	104.0	19 400				44.0
46.0	47.7	98.5	15 500 *	51.7	100.5	17 400 *	57.8	102.8	18 200				46.0
48.0	44.8	96.5	14 400 *	49.0	98.8	16 100 *	55.3	101.5	17 200				48.0
50.0	41.8	94.4	13 300 *	46.1	97.0	14 900 *	52.7	100.0	16 200				50.0
52.0	38.5	92.0	12 400 *	43.1	94.9	13 800 *	50.0	98.4	15 300	56.0	100.4	13 400	52.0
54.0	35.0	89.3	11 600 *	40.0	92.6	12 800 *	47.2	96.6	14 500	53.5	99.0	12 700	54.0
56.0	31.1	86.1	10 800 *	36.5	90.0	11 900 *	44.2	94.6	13 800	50.8	97.4	12 000	56.0
58.0	26.7	82.5	10 000 *	32.8	87.1	11 100 *	41.1	92.4	13 100	48.0	95.6	11 400	58.0
60.0	21.5	77.9	9 400 *	28.7	83.7	10 400 *	37.8	89.9	12 200 *	45.1	93.7	10 800	60.0
62.0	14.6	71.6	8 700 *	23.9	79.6	9 700 *	34.2	87.1	11 400 *	42.1	91.6	10 200	62.0
64.0				18.0	74.2	9 000 *	30.3	83.9	10 600 *	38.9	89.2	9 700	64.0
66.0							25.8	80.1	9 900 *	35.4	86.5	9 300	66.0
68.0							20.3	75.3	9 300 *	31.5	83.5	8 800	68.0
70.0							12.8	68.4	8 600 *	27.2	79.8	8 400	70.0
72.0										22.1	75.4	8 000	72.0
74.0										15.5	69.4	7 600	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	70.0	112.4	29 200 *										29.0
30.0	68.9	112.0	28 400 *										30.0
32.0	66.8	111.2	26 900 *										32.0
34.0	64.6	110.3	25 400 *										34.0
36.0	62.4	109.3	23 700 *	65.6	110.2	26 000 *							36.0
38.0	60.1	108.2	21 500 *	63.4	109.3	24 600 *							38.0
40.0	57.8	106.9	19 700 *	61.1	108.2	22 500 *							40.0
42.0	55.4	105.6	18 000 *	58.8	107.0	20 500 *							42.0
44.0	53.0	104.1	16 600 *	56.5	105.7	18 700 *							44.0
46.0	50.4	102.5	15 300 *	54.1	104.3	17 200 *	59.7	106.4	18 000				46.0
48.0	47.8	100.8	14 100 *	51.6	102.8	15 800 *	57.3	105.1	17 000				48.0
50.0	45.1	98.9	13 100 *	49.0	101.1	14 600 *	54.9	103.8	16 000				50.0
52.0	42.2	96.7	12 200 *	46.3	99.3	13 600 *	52.5	102.3	15 200				52.0
54.0	39.1	94.4	11 300 *	43.5	97.2	12 600 *	49.9	100.7	14 300	55.7	102.7	12 500	54.0
56.0	35.8	91.7	10 500 *	40.5	95.0	11 700 *	47.3	98.9	13 600	53.2	101.3	11 800	56.0
58.0	32.3	88.7	9 800 *	37.3	92.5	10 900 *	44.5	96.9	12 900	50.7	99.7	11 200	58.0
60.0	28.3	85.2	9 200 *	33.9	89.6	10 100 *	41.6	94.7	12 000 *	48.1	97.9	10 600	60.0
62.0	23.7	81.1	8 500 *	30.1	86.4	9 400 *	38.5	92.3	11 200 *	45.4	96.0	10 100	62.0
64.0	18.1	75.7	8 000 *	25.8	82.5	8 800 *	35.1	89.6	10 400 *	42.5	93.9	9 500	64.0
66.0				20.7	77.8	8 200 *	31.5	86.5	9 700 *	39.4	91.6	9 100	66.0
68.0				13.9	71.2	7 700 *	27.4	82.9	9 000 *	36.2	89.0	8 600	68.0
70.0							22.7	78.6	8 400 *	32.6	86.0	8 200	70.0
72.0							16.7	72.9	7 900 *	28.7	82.6	7 800	72.0
74.0										24.2	78.5	7 400	74.0
76.0										18.7	73.3	7 000	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
30.5	69.6	115.1	25 200 *										30.5
32.0	68.0	114.5	24 100 *										32.0
34.0	66.0	113.7	22 700 *										34.0
36.0	63.9	112.7	21 300 *	66.9	113.6	23 200 *							36.0
38.0	61.8	111.7	20 000 *	64.8	112.7	21 900 *							38.0
40.0	59.6	110.5	18 700 *	62.7	111.7	20 500 *							40.0
42.0	57.4	109.3	17 500 *	60.6	110.6	19 300 *							42.0
44.0	55.1	107.9	16 300 *	58.4	109.4	18 000 *							44.0
46.0	52.8	106.4	15 200 *	56.1	108.1	16 800 *	61.3	109.9	17 800				46.0
48.0	50.4	104.8	14 100 *	53.8	106.7	15 700 *	59.2	108.7	16 700				48.0
50.0	47.9	103.1	13 000 *	51.4	105.1	14 600 *	56.9	107.5	15 800				50.0
52.0	45.3	101.2	12 100 *	49.0	103.4	13 500 *	54.7	106.1	14 900				52.0
54.0	42.5	99.1	11 200 *	46.4	101.6	12 500 *	52.3	104.6	14 100				54.0
56.0	39.7	96.7	10 400 *	43.7	99.6	11 500 *	49.9	103.0	13 400	55.4	105.0	11 600	56.0
58.0	36.6	94.2	9 700 *	40.9	97.3	10 700 *	47.4	101.2	12 700	53.0	103.6	10 900	58.0
60.0	33.3	91.3	9 000 *	38.0	94.9	10 000 *	44.7	99.2	11 900 *	50.6	102.0	10 400	60.0
62.0	29.6	87.9	8 400 *	34.8	92.1	9 300 *	42.0	97.1	11 000 *	48.1	100.2	9 800	62.0
64.0	25.5	84.0	7 800 *	31.3	89.0	8 600 *	39.1	94.7	10 200 *	45.5	98.3	9 300	64.0
66.0	20.7	79.3	7 200 *	27.4	85.4	8 000 *	35.9	92.1	9 500 *	42.8	96.3	8 800	66.0
68.0	14.2	72.8	6 700 *	22.9	81.0	7 500 *	32.6	89.1	8 900 *	40.0	94.0	8 400	68.0
70.0				17.3	75.5	6 900 *	28.8	85.7	8 300 *	36.9	91.4	8 000	70.0
72.0							24.6	81.6	7 700 *	33.6	88.5	7 500	72.0
74.0							19.5	76.6	7 200 *	30.0	85.3	7 200	74.0
76.0							12.6	69.5	6 700 *	26.0	81.5	6 800	76.0
78.0										21.2	76.8	6 500	78.0
80.0										15.0	70.5	6 100	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	62.3	82.9	66 300 b										19.8
20.0	61.8	82.8	65 600 b										20.0
22.0	55.4	81.5	57 800 b										22.0
24.0	48.5	79.9	49 600 *	59.2	81.8	49 400 b							24.0
26.0	40.7	77.8	42 800 *	52.7	80.4	44 700 b							26.0
28.0	31.3	74.9	37 600 *	45.4	78.6	40 800							28.0
30.0	17.8	70.3	33 400 *	37.1	76.2	37 400	56.8	80.1	33 900 b				30.0
32.0				26.6	72.9	34 500	50.0	78.6	31 300				32.0
34.0							42.5	76.6	29 000				34.0
36.0							33.5	73.9	27 000	53.9	77.8	24 100	36.0
38.0							21.4	69.9	25 200	46.8	76.1	22 500	38.0
40.0										38.7	73.9	21 100	40.0
42.0										28.8	70.8	19 800	42.0
44.0										12.8	65.2	18 600	44.0

61.0m (200 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	66.1	86.3	66 100 b										19.8
20.0	65.6	86.2	65 400 b										20.0
22.0	60.3	85.2	57 700 b										22.0
24.0	54.6	83.8	49 900 *	63.5	85.3	49 100 b							24.0
26.0	48.5	82.2	43 000 *	58.0	84.2	44 400 b							26.0
28.0	41.8	80.1	37 700 *	52.2	82.7	40 500							28.0
30.0	34.0	77.5	33 500 *	45.9	80.9	37 200							30.0
32.0	24.0	73.7	30 100 *	38.8	78.7	34 300	55.9	82.5	31 000				32.0
34.0				30.3	75.7	31 800	49.9	80.9	28 700				34.0
36.0				18.5	71.0	28 900 *	43.3	78.9	26 700				36.0
38.0							35.8	76.4	24 900	53.3	80.2	22 200	38.0
40.0							26.4	73.0	23 300	47.1	78.4	20 800	40.0
42.0										40.2	76.3	19 500	42.0
44.0										32.0	73.4	18 400	44.0
46.0										21.1	69.3	17 300	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	68.9	89.6	65 900 b										19.8
20.0	68.5	89.6	65 200 b										20.0
22.0	63.9	88.6	57 600 b										22.0
24.0	59.1	87.5	50 200 *										24.0
26.0	54.0	86.2	43 100 *	61.9	87.7	44 200							26.0
28.0	48.6	84.5	37 800 *	57.1	86.5	40 300							28.0
30.0	42.7	82.5	33 600 *	51.9	85.0	37 000							30.0
32.0	35.9	80.0	30 100 *	46.3	83.2	34 200	60.1	86.1	30 700				32.0
34.0	27.8	76.7	27 200 *	40.1	81.0	31 700	55.1	84.8	28 500				34.0
36.0	16.3	71.5	24 800 *	32.9	78.3	29 000 *	49.8	83.2	26 500				36.0
38.0				23.8	74.4	26 200 *	44.0	81.3	24 800				38.0
40.0							37.5	78.9	23 200	52.8	82.5	20 600	40.0
42.0							29.8	75.8	21 800	47.3	80.7	19 300	42.0
44.0							19.4	71.2	20 500	41.2	78.6	18 200	44.0
46.0										34.3	76.0	17 100	46.0
48.0										25.7	72.4	16 200	48.0
50.0										12.3	66.3	15 200	50.0

61.0m (200 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	68.0	92.3	59 800 b										21.3
22.0	66.7	92.0	57 600 b										22.0
24.0	62.5	91.0	50 400										24.0
26.0	58.1	89.9	43 300 *	65.0	91.1	44 000							26.0
28.0	53.5	88.5	38 000 *	60.7	90.1	40 100							28.0
30.0	48.6	86.8	33 700 *	56.3	88.8	36 800							30.0
32.0	43.3	84.8	30 200 *	51.6	87.3	33 900							32.0
34.0	37.4	82.4	27 200 *	46.5	85.5	31 500	59.1	88.4	28 200				34.0
36.0	30.6	79.4	24 800 *	41.0	83.4	29 000	54.5	87.1	26 200				36.0
38.0	21.8	75.2	22 600 *	34.8	80.8	26 200 *	49.7	85.5	24 500				38.0
40.0				27.4	77.3	23 800 *	44.5	83.6	22 900	57.1	86.2	20 300	40.0
42.0				17.1	72.3	21 800 *	38.8	81.3	21 500	52.4	84.8	19 000	42.0
44.0							32.2	78.4	20 300	47.5	83.0	17 900	44.0
46.0							24.0	74.5	19 100	42.1	81.0	16 900	46.0
48.0										36.0	78.4	15 900	48.0
50.0										28.8	75.2	15 000	50.0
52.0										19.3	70.6	14 200	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	70.1	95.6	58 100 *b										21.3
22.0	68.9	95.3	56 600 b										22.0
24.0	65.2	94.4	51 100										24.0
26.0	61.3	93.4	44 300 *	67.4	94.5	43 700							26.0
28.0	57.3	92.2	38 800 *	63.6	93.5	39 800							28.0
30.0	53.1	90.8	34 400 *	59.7	92.4	36 500							30.0
32.0	48.7	89.1	30 800 *	55.6	91.1	33 700							32.0
34.0	43.9	87.1	27 800 *	51.3	89.6	31 200							34.0
36.0	38.6	84.8	25 300 *	46.8	87.8	29 100	58.2	90.8	26 000				36.0
38.0	32.7	81.9	23 100 *	41.8	85.7	26 800	54.0	89.4	24 300				38.0
40.0	25.5	78.2	21 200 *	36.3	83.2	24 400 *	49.7	87.8	22 700				40.0
42.0	15.3	72.7	19 500 *	29.9	80.1	22 300 *	44.9	85.9	21 300				42.0
44.0				21.9	75.8	20 500 *	39.8	83.7	20 100	52.1	87.1	17 700	44.0
46.0							34.0	80.9	18 900	47.6	85.3	16 600	46.0
48.0							27.2	77.4	17 900	42.7	83.3	15 700	48.0
50.0							18.0	72.5	16 900	37.4	80.9	14 800	50.0
52.0										31.2	77.9	14 000	52.0
54.0										23.6	73.9	13 300	54.0
56.0										11.9	67.4	12 600	56.0

61.0m (200 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	69.3	98.3	51 700 *										22.9
24.0	67.4	97.8	50 400 *										24.0
26.0	63.9	96.9	44 500 *										26.0
28.0	60.3	95.8	38 900 *	66.0	96.9	39 600							28.0
30.0	56.6	94.5	34 500 *	62.5	95.9	36 300							30.0
32.0	52.8	93.1	30 800 *	58.9	94.8	33 500							32.0
34.0	48.7	91.4	27 800 *	55.1	93.5	31 000							34.0
36.0	44.3	89.5	25 200 *	51.1	91.9	28 900	61.1	94.3	25 700				36.0
38.0	39.6	87.2	23 000 *	47.0	90.2	26 700	57.5	93.1	24 000				38.0
40.0	34.3	84.5	21 200 *	42.5	88.1	24 300 *	53.6	91.7	22 400				40.0
42.0	28.1	81.1	19 500 *	37.5	85.7	22 200 *	49.6	90.1	21 100				42.0
44.0	20.3	76.5	18 000 *	31.9	82.7	20 400 *	45.3	88.2	19 800				44.0
46.0				25.2	78.9	18 800 *	40.6	86.0	18 700	51.9	89.4	16 300	46.0
48.0				16.1	73.5	17 500 *	35.5	83.4	17 600	47.7	87.6	15 400	48.0
50.0							29.6	80.2	16 700	43.3	85.6	14 600	50.0
52.0							22.2	76.0	15 800	38.4	83.3	13 800	52.0
54.0										33.0	80.4	13 000	54.0
56.0										26.6	76.8	12 400	56.0
58.0										18.1	71.8	11 700	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	71.0	101.5	48 400 *										22.9
24.0	69.2	101.1	47 300 *										24.0
26.0	66.1	100.2	44 600 *										26.0
28.0	62.8	99.3	38 900 *										28.0
30.0	59.5	98.1	34 400 *	64.8	99.4	36 200							30.0
32.0	56.1	96.8	30 800 *	61.5	98.3	33 300							32.0
34.0	52.5	95.4	27 800 *	58.1	97.1	30 900							34.0
36.0	48.7	93.7	25 200 *	54.6	95.8	28 700							36.0
38.0	44.7	91.8	23 000 *	51.0	94.2	26 600	60.2	96.7	23 900				38.0
40.0	40.4	89.6	21 100 *	47.1	92.5	24 200 *	56.8	95.4	22 400				40.0
42.0	35.6	86.9	19 400 *	43.0	90.4	22 200 *	53.3	94.0	21 000				42.0
44.0	30.2	83.8	18 000 *	38.5	88.1	20 400 *	49.5	92.4	19 700				44.0
46.0	23.7	79.8	16 600 *	33.5	85.2	18 800 *	45.6	90.5	18 600	55.3	93.2	16 200	46.0
48.0	14.6	73.8	15 400 *	27.7	81.8	17 400 *	41.3	88.4	17 500	51.7	91.7	15 300	48.0
50.0				20.5	77.2	16 100 *	36.7	85.9	16 600	47.8	89.9	14 400	50.0
52.0							31.5	82.8	15 700	43.8	88.0	13 700	52.0
54.0							25.2	79.0	14 900	39.4	85.7	13 000	54.0
56.0							17.0	73.7	14 200	34.5	82.9	12 300	56.0
58.0										28.9	79.6	11 700	58.0
60.0										22.0	75.3	11 100	60.0
62.0										11.6	68.4	10 500	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	70.2	104.2	43 900 *										24.4
26.0	67.9	103.6	42 400 *										26.0
28.0	64.9	102.7	39 000 *										28.0
30.0	61.9	101.6	34 200 *										30.0
32.0	58.8	100.5	30 600 *	63.7	101.8	33 100							32.0
34.0	55.6	99.2	27 500 *	60.7	100.7	30 600							34.0
36.0	52.2	97.7	25 000 *	57.5	99.5	28 500							36.0
38.0	48.7	96.0	22 800 *	54.3	98.1	26 500							38.0
40.0	45.0	94.1	20 800 *	50.8	96.5	24 100 *	59.5	99.1	22 100				40.0
42.0	41.0	91.9	19 200 *	47.3	94.8	22 000 *	56.3	97.8	20 700				42.0
44.0	36.7	89.4	17 700 *	43.4	92.7	20 200 *	53.0	96.3	19 500				44.0
46.0	31.9	86.4	16 400 *	39.3	90.4	18 600 *	49.5	94.7	18 300				46.0
48.0	26.3	82.7	15 300 *	34.8	87.7	17 200 *	45.8	92.8	17 300	54.8	95.5	15 000	48.0
50.0	19.2	77.8	14 200 *	29.7	84.5	15 900 *	41.9	90.7	16 400	51.5	94.0	14 200	50.0
52.0				23.6	80.4	14 800 *	37.7	88.3	15 500	47.9	92.2	13 400	52.0
54.0				15.4	74.6	13 800 *	33.0	85.4	14 700	44.2	90.3	12 700	54.0
56.0							27.6	81.9	14 000	40.1	88.0	12 100	56.0
58.0							20.9	77.3	13 300	35.7	85.4	11 400	58.0
60.0										30.7	82.3	10 900	60.0
62.0										24.8	78.4	10 300	62.0
64.0										17.2	73.0	9 800	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	69.5	106.9	40 200 *										25.9
26.0	69.4	106.9	40 100 *										26.0
28.0	66.7	106.0	38 500 *										28.0
30.0	63.9	105.1	35 200 *										30.0
32.0	61.1	104.0	31 200 *	65.6	105.2	32 900							32.0
34.0	58.2	102.8	28 100 *	62.8	104.2	30 400							34.0
36.0	55.2	101.5	25 400 *	59.9	103.1	28 300							36.0
38.0	52.0	100.0	23 100 *	57.0	101.8	26 400							38.0
40.0	48.8	98.3	21 200 *	53.9	100.4	24 500 *	61.7	102.6	21 800				40.0
42.0	45.3	96.4	19 500 *	50.7	98.8	22 300 *	58.8	101.4	20 500				42.0
44.0	41.6	94.3	18 000 *	47.4	97.1	20 400 *	55.8	100.1	19 200				44.0
46.0	37.7	91.8	16 600 *	43.8	95.1	18 800 *	52.7	98.6	18 100				46.0
48.0	33.3	88.9	15 400 *	40.1	92.8	17 400 *	49.5	97.0	17 100				48.0
50.0	28.3	85.5	14 300 *	35.9	90.2	16 100 *	46.1	95.1	16 100	54.5	97.8	14 000	50.0
52.0	22.3	81.2	13 300 *	31.3	87.1	15 000 *	42.4	93.0	15 300	51.3	96.3	13 200	52.0
54.0	14.1	74.9	12 200 *	26.0	83.4	13 900 *	38.5	90.7	14 500	48.0	94.5	12 500	54.0
56.0				19.4	78.5	13 000 *	34.3	87.9	13 800	44.5	92.6	11 800	56.0
58.0							29.4	84.6	13 100	40.8	90.4	11 200	58.0
60.0							23.7	80.5	12 400	36.7	87.9	10 600	60.0
62.0							16.2	74.9	11 800	32.2	84.9	10 100	62.0
64.0										27.1	81.3	9 600	64.0
66.0										20.8	76.7	9 100	66.0
68.0										11.4	69.5	8 700	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	70.9	110.1	37 600 *										25.9
26.0	70.8	110.1	37 500 *										26.0
28.0	68.2	109.3	36 200 *										28.0
30.0	65.7	108.5	34 400 *										30.0
32.0	63.1	107.5	30 900 *	67.2	108.5	32 700							32.0
34.0	60.4	106.4	27 800 *	64.6	107.6	30 200							34.0
36.0	57.6	105.2	25 100 *	62.0	106.6	28 000							36.0
38.0	54.8	103.8	22 900 *	59.3	105.4	26 200							38.0
40.0	51.8	102.3	20 900 *	56.5	104.1	24 200 *							40.0
42.0	48.8	100.6	19 200 *	53.6	102.7	22 100 *	61.0	104.9	20 200				42.0
44.0	45.5	98.7	17 700 *	50.6	101.1	20 200 *	58.2	103.7	19 000				44.0
46.0	42.1	96.6	16 400 *	47.5	99.4	18 600 *	55.4	102.4	17 900				46.0
48.0	38.4	94.2	15 200 *	44.2	97.4	17 200 *	52.5	100.9	16 800				48.0
50.0	34.4	91.4	14 100 *	40.7	95.2	15 900 *	49.4	99.3	15 900				50.0
52.0	30.0	88.2	13 100 *	36.9	92.6	14 700 *	46.3	97.4	15 100	54.1	100.1	12 900	52.0
54.0	24.8	84.3	12 200 *	32.7	89.7	13 700 *	42.9	95.4	14 200	51.2	98.6	12 200	54.0
56.0	18.2	79.1	11 400 *	28.0	86.2	12 700 *	39.3	93.0	13 500	48.1	96.8	11 600	56.0
58.0				22.4	81.9	11 900 *	35.3	90.4	12 800	44.8	94.9	10 900	58.0
60.0				14.8	75.8	11 100 *	31.0	87.3	12 200	41.3	92.7	10 400	60.0
62.0							26.0	83.5	11 600	37.6	90.3	9 900	62.0
64.0							19.8	78.7	11 100	33.5	87.4	9 400	64.0
66.0										28.9	84.1	8 900	66.0
68.0										23.5	79.9	8 500	68.0
70.0										16.4	74.2	8 000	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	70.3	112.8	34 400 *										27.4
28.0	69.6	112.6	34 100 *										28.0
30.0	67.2	111.8	32 800 *										30.0
32.0	64.8	110.9	30 800 *										32.0
34.0	62.3	109.9	27 700 *	66.2	110.9	30 100							34.0
36.0	59.8	108.8	25 000 *	63.8	110.0	27 900							36.0
38.0	57.1	107.5	22 700 *	61.3	108.9	26 000							38.0
40.0	54.5	106.1	20 800 *	58.7	107.8	24 100 *							40.0
42.0	51.7	104.6	19 100 *	56.1	106.5	21 900 *							42.0
44.0	48.8	102.9	17 600 *	53.3	105.0	20 100 *	60.3	107.3	18 800				44.0
46.0	45.7	101.0	16 200 *	50.5	103.4	18 500 *	57.7	106.1	17 700				46.0
48.0	42.5	98.9	15 000 *	47.6	101.7	17 000 *	55.0	104.7	16 700				48.0
50.0	39.1	96.6	13 900 *	44.5	99.7	15 700 *	52.3	103.2	15 800				50.0
52.0	35.4	93.9	13 000 *	41.2	97.5	14 600 *	49.4	101.6	14 900	56.6	103.9	12 800	52.0
54.0	31.4	90.8	12 100 *	37.7	95.0	13 500 *	46.4	99.8	14 200	53.8	102.4	12 100	54.0
56.0	26.8	87.2	11 300 *	33.9	92.2	12 600 *	43.3	97.7	13 400	51.0	100.9	11 400	56.0
58.0	21.2	82.6	10 500 *	29.6	88.9	11 800 *	39.9	95.4	12 800	48.1	99.2	10 900	58.0
60.0	13.7	76.1	9 700 *	24.7	85.0	11 000 *	36.3	92.8	12 100	45.0	97.2	10 300	60.0
62.0				18.5	79.8	10 300 *	32.3	89.8	11 500	41.8	95.1	9 700	62.0
64.0				8.9	71.3	9 400 *	27.8	86.3	11 000	38.3	92.7	9 300	64.0
66.0							22.5	82.0	10 400	34.6	89.9	8 800	66.0
68.0							15.6	76.1	9 900	30.4	86.7	8 400	68.0
70.0										25.6	82.9	8 000	70.0
72.0										19.8	78.0	7 500	72.0
74.0										11.3	70.6	7 200	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	69.7	115.5	31 300 *										29.0
30.0	68.5	115.1	30 600 *										30.0
32.0	66.3	114.3	29 100 *										32.0
34.0	64.0	113.3	27 400 *										34.0
36.0	61.6	112.3	24 800 *	65.3	113.4	27 700							36.0
38.0	59.2	111.1	22 500 *	63.0	112.4	25 800							38.0
40.0	56.7	109.8	20 600 *	60.6	111.3	23 900 *							40.0
42.0	54.2	108.4	18 800 *	58.2	110.1	21 700 *							42.0
44.0	51.5	106.9	17 300 *	55.7	108.8	19 800 *							44.0
46.0	48.8	105.2	16 000 *	53.1	107.3	18 200 *	59.7	109.7	17 400				46.0
48.0	45.9	103.3	14 800 *	50.4	105.7	16 800 *	57.3	108.4	16 500				48.0
50.0	42.9	101.3	13 700 *	47.7	104.0	15 500 *	54.7	107.1	15 500				50.0
52.0	39.7	99.0	12 700 *	44.7	102.0	14 400 *	52.1	105.5	14 700				52.0
54.0	36.3	96.4	11 900 *	41.7	99.9	13 300 *	49.4	103.9	13 900	56.1	106.2	11 800	54.0
56.0	32.6	93.4	11 000 *	38.4	97.4	12 400 *	46.6	102.1	13 200	53.6	104.8	11 200	56.0
58.0	28.4	90.0	10 300 *	34.8	94.7	11 500 *	43.6	100.0	12 500	50.9	103.2	10 600	58.0
60.0	23.6	85.8	9 600 *	31.0	91.6	10 800 *	40.4	97.8	11 900	48.2	101.5	10 000	60.0
62.0	17.5	80.3	9 000 *	26.6	87.9	10 000 *	37.1	95.3	11 300	45.3	99.5	9 500	62.0
64.0	7.6	71.0	7 800 *	21.3	83.3	9 300 *	33.4	92.4	10 700	42.2	97.4	9 000	64.0
66.0				14.3	76.9	8 700 *	29.4	89.1	10 200	39.0	95.1	8 600	66.0
68.0							24.7	85.1	9 700	35.5	92.4	8 100	68.0
70.0							19.0	80.0	9 100 *	31.7	89.3	7 700	70.0
72.0										27.4	85.7	7 300	72.0
74.0										22.4	81.3	7 000	74.0
76.0										15.8	75.4	6 600	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	70.8	118.8	29 200 *										29.0
30.0	69.7	118.4	28 500 *										30.0
32.0	67.6	117.6	27 200 *										32.0
34.0	65.4	116.7	25 700 *										34.0
36.0	63.2	115.7	24 300 *	66.7	116.7	26 400 *							36.0
38.0	61.0	114.6	22 300 *	64.5	115.8	25 100 *							38.0
40.0	58.7	113.5	20 300 *	62.3	114.8	23 600 *							40.0
42.0	56.3	112.2	18 600 *	60.1	113.7	21 500 *							42.0
44.0	53.9	110.7	17 100 *	57.7	112.4	19 600 *							44.0
46.0	51.4	109.2	15 800 *	55.3	111.1	18 000 *	61.5	113.2	17 300				46.0
48.0	48.8	107.5	14 600 *	52.9	109.6	16 500 *	59.2	112.0	16 200				48.0
50.0	46.1	105.6	13 500 *	50.4	108.0	15 300 *	56.8	110.8	15 300				50.0
52.0	43.3	103.6	12 500 *	47.7	106.3	14 100 *	54.4	109.4	14 500				52.0
54.0	40.3	101.3	11 600 *	45.0	104.3	13 100 *	51.9	107.8	13 700				54.0
56.0	37.1	98.8	10 800 *	42.1	102.2	12 100 *	49.4	106.2	13 000	55.8	108.5	11 000	56.0
58.0	33.6	95.9	10 100 *	39.0	99.8	11 300 *	46.7	104.4	12 300	53.3	107.1	10 400	58.0
60.0	29.8	92.6	9 400 *	35.7	97.2	10 500 *	43.9	102.4	11 700	50.8	105.5	9 800	60.0
62.0	25.5	88.8	8 800 *	32.1	94.2	9 800 *	40.9	100.1	11 100	48.2	103.8	9 300	62.0
64.0	20.3	83.9	8 200 *	28.1	90.7	9 200 *	37.8	97.7	10 600	45.5	101.9	8 800	64.0
66.0	13.3	77.2	7 500 *	23.5	86.5	8 500 *	34.4	94.9	10 000	42.6	99.8	8 300	66.0
68.0				17.8	81.0	7 900 *	30.7	91.7	9 500	39.6	97.4	7 900	68.0
70.0				9.1	72.4	7 300 *	26.5	88.0	8 900 *	36.3	94.8	7 500	70.0
72.0							21.6	83.4	8 300 *	32.8	91.9	7 100	72.0
74.0							15.1	77.2	7 700 *	28.9	88.5	6 800	74.0
76.0										24.4	84.4	6 400	76.0
78.0										19.0	79.3	6 100	78.0
80.0										11.2	71.7	5 800	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

61.0m (200 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
30.5	70.3	121.4	25 400 *										30.5
32.0	68.8	120.9	24 400 *										32.0
34.0	66.7	120.0	23 000 *										34.0
36.0	64.7	119.1	21 700 *										36.0
38.0	62.6	118.1	20 400 *	65.9	119.2	22 400 *							38.0
40.0	60.4	117.0	19 100 *	63.8	118.2	21 100 *							40.0
42.0	58.2	115.8	17 900 *	61.7	117.2	19 800 *							42.0
44.0	56.0	114.5	16 700 *	59.5	116.0	18 600 *							44.0
46.0	53.7	113.1	15 600 *	57.3	114.8	17 400 *							46.0
48.0	51.3	111.5	14 500 *	55.0	113.4	16 300 *	60.9	115.6	16 000				48.0
50.0	48.8	109.8	13 400 *	52.7	111.9	15 200 *	58.7	114.4	15 100				50.0
52.0	46.2	107.9	12 400 *	50.3	110.3	14 000 *	56.5	113.1	14 200				52.0
54.0	43.6	105.9	11 500 *	47.8	108.6	13 000 *	54.2	111.7	13 500				54.0
56.0	40.7	103.7	10 700 *	45.2	106.6	12 000 *	51.8	110.2	12 700				56.0
58.0	37.8	101.2	9 900 *	42.4	104.5	11 200 *	49.4	108.5	12 100	55.5	110.8	10 100	58.0
60.0	34.5	98.4	9 200 *	39.6	102.2	10 400 *	46.8	106.7	11 400	53.1	109.4	9 600	60.0
62.0	31.0	95.3	8 600 *	36.5	99.6	9 600 *	44.2	104.7	10 900	50.7	107.8	9 000	62.0
64.0	27.1	91.6	8 000 *	33.2	96.7	9 000 *	41.4	102.5	10 300	48.2	106.1	8 500	64.0
66.0	22.6	87.2	7 400 *	29.5	93.4	8 300 *	38.4	100.1	9 800	45.7	104.2	8 100	66.0
68.0	16.9	81.5	6 900 *	25.4	89.4	7 800 *	35.3	97.4	9 300	42.9	102.1	7 700	68.0
70.0	7.9	72.1	6 000 *	20.5	84.6	7 200 *	31.8	94.3	8 700 *	40.1	99.8	7 300	70.0
72.0				14.0	78.0	6 700 *	28.0	90.8	8 100 *	37.1	97.3	6 900	72.0
74.0							23.6	86.6	7 600 *	33.8	94.4	6 600	74.0
76.0							18.3	81.2	7 100 *	30.2	91.2	6 200	76.0
78.0										26.2	87.4	5 900	78.0
80.0										21.4	82.7	5 500	80.0
82.0										15.4	76.6	5 300	82.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

67.1m (220 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	64.6	89.3	65 600 b										19.8
20.0	64.0	89.2	64 900 b										20.0
22.0	57.8	88.1	57 500 b										22.0
24.0	51.1	86.6	51 500	62.5	88.4	48 400 b							24.0
26.0	43.7	84.7	45 100 *	56.2	87.2	43 800 b							26.0
28.0	35.0	82.2	39 400 *	49.4	85.6	40 000 b							28.0
30.0	23.7	78.4	34 900 *	41.7	83.6	36 700							30.0
32.0				32.6	80.8	33 900	55.4	85.7	30 200 b				32.0
34.0				19.9	76.6	31 400	48.5	84.1	28 000				34.0
36.0							40.7	82.0	26 000				36.0
38.0							31.3	79.1	24 300				38.0
40.0										47.1	81.9	20 000	40.0
42.0										39.1	79.7	18 800	42.0
44.0										29.3	76.7	17 600	44.0

67.1m (220 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	68.0	92.7	65 400 b										19.8
20.0	67.5	92.6	64 600 b										20.0
22.0	62.3	91.6	57 200 b										22.0
24.0	56.8	90.4	51 300										24.0
26.0	50.9	88.9	45 300 *	60.9	90.8	43 600 b							26.0
28.0	44.4	87.0	39 500 *	55.3	89.5	39 700							28.0
30.0	37.1	84.6	35 000 *	49.3	87.9	36 500							30.0
32.0	28.1	81.4	31 300 *	42.7	85.9	33 700	60.3	89.4	29 900 b				32.0
34.0				35.0	83.4	31 200	54.6	88.0	27 700				34.0
36.0				25.4	79.8	29 000	48.6	86.4	25 800				36.0
38.0				8.2	72.8	27 000	41.8	84.3	24 100				38.0
40.0							34.0	81.7	22 500	53.5	85.9	19 700	40.0
42.0							24.0	78.0	21 100	47.4	84.2	18 400	42.0
44.0										40.5	82.1	17 300	44.0
46.0										32.4	79.3	16 300	46.0
48.0										21.7	75.2	15 400	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

67.1m (220 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	70.5	96.0	65 100 b										19.8
20.0	70.1	95.9	64 400 b										20.0
22.0	65.6	95.1	57 000 b										22.0
24.0	60.9	94.0	51 200										24.0
26.0	55.9	92.7	45 500 *	64.4	94.3	43 400 b							26.0
28.0	50.7	91.2	39 700 *	59.7	93.2	39 500							28.0
30.0	44.9	89.3	35 100 *	54.7	91.8	36 300							30.0
32.0	38.6	87.0	31 300 *	49.3	90.2	33 500							32.0
34.0	31.1	84.1	28 300 *	43.4	88.3	31 100	59.1	91.7	27 500				34.0
36.0	21.3	79.8	25 700 *	36.8	85.8	28 900	54.0	90.3	25 600				36.0
38.0				29.0	82.6	27 000	48.6	88.7	23 900				38.0
40.0				18.1	77.9	25 100 *	42.7	86.7	22 400				40.0
42.0							36.0	84.2	21 000	53.1	88.3	18 200	42.0
44.0							27.9	80.9	19 700	47.6	86.5	17 200	44.0
46.0										41.5	84.5	16 100	46.0
48.0										34.6	81.8	15 300	48.0
50.0										26.1	78.3	14 400	50.0

67.1m (220 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	69.5	98.7	59 100 b										21.3
22.0	68.2	98.4	56 900 b										22.0
24.0	64.0	97.5	50 900										24.0
26.0	59.7	96.4	45 700 *	67.2	97.6	43 100 b							26.0
28.0	55.3	95.1	39 800 *	63.0	96.7	39 300							28.0
30.0	50.5	93.5	35 200 *	58.7	95.5	36 000							30.0
32.0	45.4	91.6	31 400 *	54.1	94.2	33 200							32.0
34.0	39.7	89.4	28 300 *	49.3	92.5	30 800							34.0
36.0	33.3	86.6	25 600 *	44.0	90.6	28 700	58.1	94.1	25 300				36.0
38.0	25.4	83.0	23 400 *	38.2	88.2	26 800	53.5	92.7	23 600				38.0
40.0				31.5	85.3	25 000	48.7	91.0	22 100				40.0
42.0				23.1	81.3	22 900 *	43.4	89.0	20 700				42.0
44.0				8.7	73.9	21 000 *	37.5	86.6	19 500	52.7	90.6	16 800	44.0
46.0							30.6	83.6	18 400	47.7	88.8	15 800	46.0
48.0							21.9	79.4	17 300	42.3	86.8	15 000	48.0
50.0										36.3	84.3	14 100	50.0
52.0										29.2	81.1	13 400	52.0
54.0										19.8	76.5	12 600	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

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

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	68.7	101.3	53 900										22.9
24.0	66.6	100.8	50 800										24.0
26.0	62.8	99.9	45 800										26.0
28.0	58.8	98.7	40 800 *	65.6	100.1	39 100							28.0
30.0	54.7	97.4	35 900 *	61.8	99.1	35 800							30.0
32.0	50.4	95.8	32 100 *	57.8	97.9	33 000							32.0
34.0	45.7	94.0	28 900 *	53.6	96.5	30 600							34.0
36.0	40.6	91.8	26 200 *	49.2	94.8	28 500							36.0
38.0	35.0	89.1	23 900 *	44.5	92.9	26 600	57.3	96.4	23 300				38.0
40.0	28.3	85.8	21 900 *	39.3	90.6	24 900	53.1	95.0	21 900				40.0
42.0	19.7	81.2	20 200 *	33.4	87.8	23 300	48.7	93.3	20 500				42.0
44.0				26.5	84.3	21 500 *	43.9	91.3	19 300				44.0
46.0				16.9	79.1	19 700 *	38.7	89.0	18 200	52.3	92.9	15 600	46.0
48.0							32.7	86.2	17 200	47.8	91.1	14 700	48.0
50.0							25.5	82.5	16 200	43.0	89.1	13 900	50.0
52.0										37.6	86.7	13 200	52.0
54.0										31.5	83.7	12 500	54.0
56.0										23.9	79.8	11 800	56.0

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

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	70.5	104.6	51 000 *										22.9
24.0	68.6	104.2	49 800										24.0
26.0	65.2	103.3	45 600										26.0
28.0	61.7	102.2	41 000 *										28.0
30.0	58.0	101.1	36 000 *	64.3	102.5	35 600							30.0
32.0	54.2	99.7	32 100 *	60.8	101.4	32 700							32.0
34.0	50.2	98.1	28 900 *	57.1	100.2	30 300							34.0
36.0	46.0	96.3	26 200 *	53.3	98.8	28 200							36.0
38.0	41.4	94.1	23 800 *	49.2	97.1	26 300	60.4	100.0	23 100				38.0
40.0	36.3	91.6	21 800 *	44.9	95.2	24 700	56.7	98.7	21 500				40.0
42.0	30.6	88.5	20 100 *	40.2	93.0	23 100	52.8	97.3	20 200				42.0
44.0	23.5	84.5	18 500 *	35.0	90.3	21 400 *	48.7	95.6	19 000				44.0
46.0				29.0	87.1	19 700 *	44.4	93.7	17 900	56.0	96.7	15 300	46.0
48.0				21.4	82.7	18 200 *	39.6	91.4	16 900	52.0	95.2	14 400	48.0
50.0				9.0	75.0	16 600 *	34.3	88.7	16 000	47.9	93.4	13 600	50.0
52.0							28.2	85.3	15 200	43.5	91.5	12 900	52.0
54.0							20.4	80.7	14 300	38.7	89.1	12 200	54.0
56.0										33.2	86.3	11 600	56.0
58.0										26.9	82.7	10 900	58.0
60.0										18.5	77.8	10 400	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

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

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	69.8	107.3	46 400 *										24.4
26.0	67.2	106.6	44 900 *										26.0
28.0	64.0	105.7	41 100 *										28.0
30.0	60.8	104.6	36 000 *										30.0
32.0	57.4	103.4	32 100 *	63.2	104.9	32 700							32.0
34.0	53.8	102.0	28 800 *	59.9	103.8	30 200							34.0
36.0	50.1	100.4	26 100 *	56.5	102.5	28 100							36.0
38.0	46.2	98.6	23 800 *	52.9	101.1	26 300							38.0
40.0	42.0	96.5	21 800 *	49.2	99.4	24 600	59.5	102.3	21 500				40.0
42.0	37.4	94.0	20 000 *	45.2	97.5	23 100	56.1	101.0	20 100				42.0
44.0	32.3	91.1	18 500 *	40.9	95.4	21 300 *	52.5	99.6	18 900				44.0
46.0	26.3	87.4	17 100 *	36.2	92.8	19 600 *	48.7	97.9	17 800				46.0
48.0	18.5	82.5	15 900 *	30.9	89.7	18 100 *	44.7	96.0	16 800	55.4	99.0	14 300	48.0
50.0				24.6	85.8	16 800 *	40.4	93.8	15 900	51.8	97.5	13 500	50.0
52.0				16.0	80.3	15 600 *	35.6	91.1	15 100	48.0	95.8	12 800	52.0
54.0							30.2	88.0	14 300	43.9	93.8	12 100	54.0
56.0							23.7	84.0	13 600	39.5	91.5	11 500	56.0
58.0										34.7	88.8	10 900	58.0
60.0										29.1	85.5	10 300	60.0
62.0										22.3	81.3	9 800	62.0
64.0										12.3	74.6	9 300	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

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

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	69.1	110.0	42 000 *										25.9
26.0	68.9	109.9	41 900 *										26.0
28.0	66.0	109.1	40 000 *										28.0
30.0	63.0	108.1	35 900 *										30.0
32.0	60.0	107.0	31 800 *	65.3	108.3	32 400							32.0
34.0	56.8	105.7	28 600 *	62.3	107.3	30 000							34.0
36.0	53.5	104.3	25 900 *	59.2	106.1	27 900							36.0
38.0	50.1	102.7	23 600 *	56.0	104.8	26 000							38.0
40.0	46.4	100.9	21 500 *	52.7	103.4	24 300	61.9	105.8	21 200				40.0
42.0	42.6	98.8	19 800 *	49.2	101.7	22 800	58.8	104.7	19 800				42.0
44.0	38.4	96.4	18 200 *	45.5	99.8	21 100 *	55.6	103.4	18 700				44.0
46.0	33.8	93.6	16 900 *	41.6	97.7	19 400 *	52.3	101.9	17 600				46.0
48.0	28.5	90.2	15 700 *	37.3	95.2	17 900 *	48.8	100.2	16 600				48.0
50.0	22.1	85.9	14 600 *	32.5	92.3	16 600 *	45.0	98.3	15 700	55.0	101.3	13 200	50.0
52.0				27.0	88.7	15 400 *	41.1	96.1	14 800	51.6	99.8	12 500	52.0
54.0				20.2	84.0	14 300 *	36.7	93.6	14 100	48.1	98.1	11 800	54.0
56.0				9.1	76.1	13 200 *	31.9	90.6	13 300	44.3	96.1	11 200	56.0
58.0							26.3	86.9	12 700	40.3	93.9	10 600	58.0
60.0							19.2	82.0	12 100	35.9	91.3	10 100	60.0
62.0										30.9	88.2	9 600	62.0
64.0										25.1	84.3	9 100	64.0
66.0										17.6	79.1	8 600	66.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or
M-250

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

Jib Oper. Rad. Meters	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	70.5	113.2	39 500 *										25.9
26.0	70.4	113.2	39 500 *										26.0
28.0	67.7	112.4	38 100 *										28.0
30.0	65.0	111.5	36 300 *										30.0
32.0	62.2	110.5	32 500 *	67.0	111.6	32 200							32.0
34.0	59.3	109.3	29 200 *	64.3	110.7	29 800							34.0
36.0	56.3	108.1	26 300 *	61.5	109.7	27 600							36.0
38.0	53.2	106.6	23 900 *	58.5	108.5	25 800							38.0
40.0	50.0	105.0	21 900 *	55.5	107.2	24 100							40.0
42.0	46.6	103.2	20 100 *	52.4	105.7	22 600	61.1	108.2	19 600				42.0
44.0	43.0	101.1	18 500 *	49.2	104.0	21 300	58.2	107.0	18 400				44.0
46.0	39.2	98.8	17 100 *	45.7	102.2	19 700 *	55.2	105.7	17 300				46.0
48.0	35.0	96.1	15 800 *	42.1	100.0	18 100 *	52.0	104.2	16 300				48.0
50.0	30.2	92.9	14 700 *	38.2	97.6	16 800 *	48.8	102.5	15 500				50.0
52.0	24.7	89.0	13 700 *	33.8	94.8	15 500 *	45.3	100.6	14 600	54.6	103.6	12 300	52.0
54.0	17.6	83.7	12 800 *	29.0	91.5	14 500 *	41.6	98.5	13 900	51.4	102.1	11 600	54.0
56.0				23.2	87.3	13 500 *	37.7	96.0	13 200	48.1	100.4	11 000	56.0
58.0				15.4	81.4	12 500 *	33.3	93.1	12 500	44.6	98.4	10 400	58.0
60.0							28.3	89.7	11 800	40.9	96.2	9 900	60.0
62.0							22.4	85.4	11 300	36.9	93.7	9 400	62.0
64.0							14.1	79.2	10 700	32.4	90.7	8 900	64.0
66.0										27.3	87.2	8 400	66.0
68.0										21.1	82.6	8 000	68.0
70.0										12.0	75.7	7 600	70.0