

Liftcrane Fixed Jib Capacities

M-250 SERIES 3

**Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, luffing jib angles, fixed jib lengths, and fixed 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 1 360 kg minimum block weight. Capacities indicated by (c) provide less than required jib backward stability with 1 360 kg minimum block weight and minimal jib movement may be observed.

61.0 boom length requires only the middle 3 sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom, luffing jib point and fixed jib point sheaves, is considered part of fixed jib load. Boom, luffing jib and fixed jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to fixed jib assembly **No. 192320** or **No. 193022**, luffing jib assembly **No. 174308** or **No. 192086**, Wire Rope Specification chart **No. 7638-B**, Counterweight Arrangement chart **No. 7692-A** and Luffing Jib Raising Procedure chart **No. 7604-B**. 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. 7678-B**.

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.

FIXED JIB POINT ELEVATION: Fixed jib point elevation is vertical distance from ground level to centerline of fixed jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 12 part boom hoist reeving, four 38 mm boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, 112 810 kg crane counterweight, two 13 610 kg and four 6 800 kg carbody counterweights.

Maximum capacity on 29 mm wire rope is 13 610 kg per line.



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Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.0	117.2	21 400 *c							21.3
22.0	74.3	117.0	21 100 *c							22.0
24.0	72.4	116.3	20 300 *c							24.0
26.0	70.4	115.6	19 500 *c							26.0
28.0	68.4	114.8	18 600 *b							28.0
30.0	66.4	114.0	17 700 *b							30.0
32.0	64.3	113.0	16 800 *b	69.2	114.8	22 500 *b				32.0
34.0	62.2	111.9	15 800 *b	67.2	113.9	22 000 *b				34.0
36.0	60.1	110.8	14 900 *b	65.2	113.0	21 400 *b				36.0
38.0	57.9	109.5	14 100 *b	63.1	112.0	20 600 *b				38.0
40.0	55.6	108.2	13 200 *b	61.0	110.9	19 800 *b				40.0
42.0	53.3	106.7	12 400 *	58.8	109.7	18 600 *b				42.0
44.0	50.9	105.1	11 600 *	56.6	108.3	16 900 *b				44.0
46.0	48.4	103.3	10 800 *	54.3	106.9	15 400 *	62.7	110.2	18 100 *b	46.0
48.0	45.9	101.4	10 100 *	51.9	105.4	14 100 *	60.5	109.1	17 500 *b	48.0
50.0	43.2	99.3	9 500 *	49.5	103.7	13 000 *	58.3	107.9	16 700 *b	50.0
52.0	40.3	97.0	8 900 *	46.9	101.8	12 000 *	56.1	106.5	15 600 *b	52.0
54.0	37.3	94.4	8 300 *	44.3	99.8	11 000 *	53.8	105.1	14 600 *	54.0
56.0	34.0	91.5	7 800 *	41.5	97.6	10 200 *	51.4	103.5	13 800 *	56.0
58.0	30.4	88.2	7 300 *	38.6	95.1	9 400 *	49.0	101.8	12 800 *	58.0
60.0	26.4	84.4	6 900 *	35.4	92.3	8 600 *	46.4	99.9	11 800 *	60.0
62.0	21.6	79.6	6 400 *	31.9	89.2	8 000 *	43.7	97.8	10 900 *	62.0
64.0	15.4	73.3	5 700 *	28.1	85.6	7 400 *	40.9	95.5	10 000 *	64.0
66.0				23.7	81.3	6 800 *	37.9	93.0	9 300 *	66.0
68.0				18.3	75.8	6 300 *	34.7	90.2	8 500 *	68.0
72.0							27.3	83.3	7 300 *	72.0
76.0							16.9	72.9	6 200 *	76.0



Liftcrane Fixed Jib Capacities

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Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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 With The Intent To Be In
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54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.7	120.3	19 900 *c							21.3
22.0	75.1	120.1	19 700 *c							22.0
24.0	73.2	119.5	19 000 *c							24.0
26.0	71.4	118.9	18 300 *c							26.0
28.0	69.5	118.1	17 600 *c							28.0
30.0	67.6	117.3	16 800 *b							30.0
32.0	65.6	116.4	16 000 *b	70.3	118.0	20 900 *c				32.0
34.0	63.6	115.4	15 100 *b	68.3	117.2	20 500 *b				34.0
36.0	61.6	114.3	14 300 *b	66.4	116.4	20 000 *b				36.0
38.0	59.6	113.2	13 500 *b	64.5	115.4	19 400 *b				38.0
40.0	57.5	111.9	12 700 *b	62.5	114.4	18 800 *b				40.0
42.0	55.3	110.5	12 000 *	60.4	113.2	18 000 *b				42.0
44.0	53.1	109.0	11 300 *	58.3	112.0	16 700 *b				44.0
46.0	50.8	107.4	10 600 *	56.2	110.7	15 200 *b				46.0
48.0	48.5	105.6	9 900 *	54.0	109.2	13 900 *	62.0	112.6	16 800 *b	48.0
50.0	46.0	103.7	9 300 *	51.8	107.7	12 800 *	60.0	111.5	16 200 *b	50.0
52.0	43.4	101.6	8 700 *	49.4	106.0	11 700 *	57.9	110.2	15 400 *b	52.0
54.0	40.8	99.3	8 200 *	47.0	104.1	10 800 *	55.8	108.9	14 400 *b	54.0
56.0	37.9	96.8	7 700 *	44.5	102.1	10 000 *	53.6	107.4	13 500 *	56.0
58.0	34.8	94.0	7 200 *	41.9	99.9	9 200 *	51.3	105.8	12 600 *	58.0
60.0	31.5	90.8	6 700 *	39.1	97.5	8 500 *	49.0	104.1	11 600 *	60.0
62.0	27.8	87.2	6 300 *	36.1	94.8	7 800 *	46.5	102.2	10 600 *	62.0
64.0	23.6	82.9	5 800 *	32.9	91.8	7 200 *	44.0	100.1	9 800 *	64.0
66.0	18.4	77.4	5 300 *	29.4	88.4	6 600 *	41.3	97.9	9 000 *	66.0
68.0	11.0	69.2	4 100 *	25.4	84.3	6 100 *	38.5	95.4	8 300 *	68.0
72.0				14.6	72.8	5 100 *	32.3	89.6	7 100 *	72.0
76.0							24.6	81.9	6 000 *	76.0
80.0							13.0	69.5	5 000 *	80.0



Liftcrane Fixed Jib Capacities

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Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.0	123.1	18 000 *c							22.9
24.0	74.0	122.7	17 700 *c							24.0
26.0	72.2	122.1	17 100 *c							26.0
28.0	70.4	121.4	16 500 *c							28.0
30.0	68.6	120.6	15 800 *b							30.0
32.0	66.8	119.7	15 100 *b							32.0
34.0	64.9	118.8	14 300 *b	69.4	120.5	19 000 *c				34.0
36.0	63.0	117.8	13 600 *b	67.5	119.7	18 600 *b				36.0
38.0	61.1	116.7	13 000 *b	65.7	118.8	18 100 *b				38.0
40.0	59.1	115.5	12 200 *b	63.8	117.8	17 600 *b				40.0
42.0	57.1	114.2	11 500 *b	61.9	116.7	17 000 *b				42.0
44.0	55.0	112.8	10 900 *	59.9	115.6	16 300 *b				44.0
46.0	52.9	111.3	10 200 *	57.9	114.3	14 900 *b				46.0
48.0	50.7	109.7	9 600 *	55.9	113.0	13 600 *b				48.0
50.0	48.5	107.9	9 100 *	53.8	111.5	12 500 *	61.5	115.0	15 500 *b	50.0
52.0	46.1	106.0	8 500 *	51.6	110.0	11 500 *	59.5	113.8	14 900 *b	52.0
54.0	43.7	104.0	8 000 *	49.4	108.3	10 500 *	57.5	112.5	14 100 *b	54.0
56.0	41.2	101.7	7 500 *	47.1	106.4	9 700 *	55.5	111.2	13 100 *	56.0
58.0	38.5	99.2	7 000 *	44.7	104.4	8 900 *	53.4	109.7	12 300 *	58.0
60.0	35.6	96.5	6 600 *	42.2	102.2	8 200 *	51.2	108.1	11 300 *	60.0
62.0	32.5	93.4	6 100 *	39.6	99.9	7 500 *	49.0	106.4	10 400 *	62.0
64.0	29.1	89.9	5 600 *	36.8	97.2	6 900 *	46.7	104.5	9 500 *	64.0
66.0	25.3	85.9	5 100 *	33.8	94.3	6 300 *	44.2	102.5	8 800 *	66.0
68.0	20.8	81.0	4 600 *	30.6	91.0	5 800 *	41.7	100.3	8 000 *	68.0
72.0				22.8	82.7	4 900 *	36.2	95.1	6 800 *	72.0
76.0				10.1	68.4	3 700 *	29.9	88.8	5 700 *	76.0
80.0							21.8	80.2	4 800 *	80.0



Liftcrane Fixed Jib Capacities

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Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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 The Scope of ANSI B30.5

54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.7	126.2	16 700 *c							22.9
24.0	74.7	125.9	16 400 *c							24.0
26.0	73.0	125.3	15 900 *c							26.0
28.0	71.3	124.6	15 400 *c							28.0
30.0	69.6	123.9	14 800 *b							30.0
32.0	67.8	123.1	14 200 *b							32.0
34.0	66.1	122.2	13 600 *b	70.3	123.8	17 500 *c				34.0
36.0	64.3	121.2	13 000 *b	68.6	123.0	17 200 *b				36.0
38.0	62.4	120.2	12 400 *b	66.8	122.1	16 900 *b				38.0
40.0	60.6	119.1	11 700 *b	65.0	121.2	16 500 *b				40.0
42.0	58.7	117.8	11 100 *b	63.2	120.2	16 000 *b				42.0
44.0	56.8	116.5	10 500 *b	61.4	119.1	15 500 *b				44.0
46.0	54.8	115.1	9 900 *	59.5	117.9	14 700 *b				46.0
48.0	52.8	113.6	9 400 *	57.6	116.7	13 400 *b				48.0
50.0	50.7	112.0	8 800 *	55.6	115.3	12 200 *				50.0
52.0	48.5	110.2	8 300 *	53.6	113.8	11 200 *	61.0	117.4	14 300 *b	52.0
54.0	46.3	108.3	7 800 *	51.5	112.3	10 300 *	59.1	116.2	13 700 *b	54.0
56.0	44.0	106.3	7 300 *	49.4	110.6	9 400 *	57.2	114.9	12 800 *b	56.0
58.0	41.5	104.1	6 900 *	47.2	108.7	8 600 *	55.2	113.5	12 000 *	58.0
60.0	39.0	101.6	6 400 *	44.9	106.7	7 900 *	53.2	112.0	11 000 *	60.0
62.0	36.3	98.9	5 800 *	42.5	104.6	7 200 *	51.1	110.4	10 100 *	62.0
64.0	33.4	96.0	5 300 *	40.1	102.2	6 600 *	49.0	108.7	9 300 *	64.0
66.0	30.2	92.6	4 800 *	37.4	99.7	6 100 *	46.8	106.8	8 500 *	66.0
68.0	26.7	88.8	4 400 *	34.6	96.8	5 500 *	44.5	104.8	7 800 *	68.0
72.0	17.9	78.6	3 500 *	28.2	90.1	4 600 *	39.5	100.2	6 500 *	72.0
76.0				20.0	80.7	3 800 *	34.0	94.7	5 400 *	76.0
80.0							27.5	87.7	4 500 *	80.0
84.0							19.0	78.0	3 700 *	84.0



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Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
24.4	75.3	129.1	13 600 *c							24.4
26.0	74.0	128.6	13 600 *c							26.0
28.0	72.4	128.0	13 600 *c							28.0
30.0	70.8	127.3	13 600 *c							30.0
32.0	69.1	126.5	13 300 *b							32.0
34.0	67.4	125.7	12 800 *b							34.0
36.0	65.7	124.8	12 300 *b	69.8	126.4	13 600 *b				36.0
38.0	64.0	123.8	11 800 *b	68.1	125.6	13 600 *b				38.0
40.0	62.2	122.8	11 200 *b	66.4	124.7	13 600 *b				40.0
42.0	60.5	121.6	10 600 *b	64.7	123.8	13 600 *b				42.0
44.0	58.6	120.4	10 100 *b	63.0	122.8	13 600 *b				44.0
46.0	56.8	119.1	9 600 *b	61.2	121.7	13 600 *b				46.0
48.0	54.9	117.7	9 100 *b	59.4	120.5	13 500 *b				48.0
50.0	52.9	116.2	8 600 *	57.6	119.2	12 900 *b				50.0
52.0	51.0	114.6	8 100 *	55.7	117.9	11 700 *	62.6	121.0	13 600 *b	52.0
54.0	48.9	112.9	7 700 *	53.8	116.4	10 700 *	60.8	119.9	13 500 *b	54.0
56.0	46.8	111.0	7 200 *	51.8	114.9	9 800 *	59.0	118.7	13 100 *b	56.0
58.0	44.6	109.0	6 800 *	49.8	113.2	8 900 *	57.2	117.4	12 600 *b	58.0
60.0	42.3	106.8	6 400 *	47.7	111.4	8 100 *	55.3	116.1	11 500 *b	60.0
62.0	39.9	104.4	5 900 *	45.5	109.4	7 400 *	53.4	114.6	10 500 *	62.0
64.0	37.3	101.9	5 300 *	43.2	107.3	6 800 *	51.4	113.0	9 600 *	64.0
66.0	34.7	99.0	4 800 *	40.9	105.0	6 100 *	49.3	111.3	8 700 *	66.0
68.0	31.8	95.9	4 400 *	38.4	102.6	5 600 *	47.2	109.5	8 000 *	68.0
72.0	25.0	88.2	3 500 *	33.0	96.8	4 600 *	42.8	105.3	6 600 *	72.0
76.0	15.8	77.0	2 600 *	26.6	89.6	3 700 *	37.9	100.5	5 500 *	76.0
80.0				18.1	79.4	2 900 *	32.4	94.6	4 500 *	80.0
84.0							25.8	87.2	3 600 *	84.0
88.0							17.0	76.5	2 800 *	88.0



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Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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The Scope of ANSI B30.5

54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
24.4	74.8	122.5	17 600 * ^b							24.4
26.0	73.4	122.0	17 100 *							26.0
28.0	71.6	121.3	16 500 *							28.0
30.0	69.7	120.5	15 800 *							30.0
32.0	67.9	119.7	15 200 *							32.0
34.0	66.0	118.7	14 500 *	70.5	120.4	18 000 *				34.0
36.0	64.1	117.7	13 800 *	68.7	119.6	17 400 *				36.0
38.0	62.2	116.6	13 100 *	66.8	118.7	16 800 *				38.0
40.0	60.2	115.4	12 400 *	64.9	117.7	16 200 *				40.0
42.0	58.2	114.1	11 800 *	63.0	116.7	15 700 *				42.0
44.0	56.1	112.7	11 100 *	61.0	115.5	15 200 *				44.0
46.0	54.0	111.2	10 500 *	59.0	114.2	14 700 *				46.0
48.0	51.8	109.6	9 900 *	57.0	112.9	14 300 *				48.0
50.0	49.6	107.8	9 300 *	54.9	111.4	13 300 *				50.0
52.0	47.2	105.9	8 700 *	52.7	109.9	12 300 *	60.6	113.7	14 900 *	52.0
54.0	44.8	103.8	8 300 *	50.5	108.2	11 300 *	58.6	112.4	14 600 *	54.0
56.0	42.2	101.6	7 700 *	48.2	106.3	10 400 *	56.6	111.1	13 900 *	56.0
58.0	39.5	99.1	7 300 *	45.8	104.3	9 700 *	54.5	109.6	13 000 *	58.0
60.0	36.7	96.3	6 900 *	43.3	102.1	9 000 *	52.3	108.0	12 100 *	60.0
62.0	33.5	93.3	6 500 *	40.7	99.7	8 300 *	50.1	106.3	11 100 *	62.0
64.0	30.1	89.8	6 100 *	37.9	97.1	7 700 *	47.7	104.4	10 300 *	64.0
66.0	26.3	85.7	5 700 *	34.9	94.2	7 100 *	45.3	102.4	9 500 *	66.0
68.0	21.8	80.8	5 400 *	31.6	90.9	6 500 *	42.8	100.1	8 800 *	68.0
72.0				23.7	82.5	5 600 *	37.3	95.0	7 600 *	72.0
76.0				10.8	67.8	4 300 *	30.9	88.6	6 400 *	76.0
80.0							22.8	80.0	5 500 *	80.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
24.4	75.5	125.7	16 400 * ^b							24.4
26.0	74.1	125.2	16 000 *							26.0
28.0	72.4	124.5	15 500 *							28.0
30.0	70.7	123.8	15 000 *							30.0
32.0	68.9	123.0	14 400 *							32.0
34.0	67.1	122.1	13 800 *							34.0
36.0	65.3	121.1	13 200 *	69.6	122.9	16 800 *				36.0
38.0	63.5	120.1	12 500 *	67.9	122.1	16 300 *				38.0
40.0	61.6	119.0	11 900 *	66.1	121.1	15 700 *				40.0
42.0	59.8	117.7	11 300 *	64.3	120.1	15 200 *				42.0
44.0	57.8	116.4	10 700 *	62.4	119.0	14 700 *				44.0
46.0	55.8	115.0	10 200 *	60.5	117.8	14 300 *				46.0
48.0	53.8	113.5	9 600 *	58.6	116.6	13 900 *				48.0
50.0	51.7	111.9	9 100 *	56.7	115.2	13 200 *				50.0
52.0	49.5	110.1	8 500 *	54.6	113.7	12 100 *	62.0	117.3	14 400 *	52.0
54.0	47.3	108.2	8 000 *	52.6	112.2	11 100 *	60.2	116.1	14 100 *	54.0
56.0	45.0	106.2	7 600 *	50.5	110.5	10 200 *	58.2	114.8	13 600 *	56.0
58.0	42.6	103.9	7 100 *	48.2	108.6	9 400 *	56.3	113.4	12 800 *	58.0
60.0	40.0	101.5	6 700 *	46.0	106.6	8 700 *	54.2	111.9	11 900 *	60.0
62.0	37.3	98.8	6 300 *	43.6	104.5	8 000 *	52.2	110.3	11 000 *	62.0
64.0	34.4	95.8	6 000 *	41.1	102.1	7 400 *	50.0	108.6	10 100 *	64.0
66.0	31.2	92.5	5 600 *	38.4	99.5	6 900 *	47.8	106.7	9 300 *	66.0
68.0	27.7	88.6	5 200 *	35.6	96.7	6 300 *	45.5	104.7	8 600 *	68.0
72.0	18.7	78.3	4 300 *	29.2	89.9	5 400 *	40.5	100.1	7 300 *	72.0
76.0				20.9	80.5	4 500 *	35.0	94.5	6 200 *	76.0
80.0							28.5	87.5	5 300 *	80.0
84.0							19.9	77.8	4 400 *	84.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
25.9	74.9	128.4	15 000 *b							25.9
26.0	74.8	128.4	14 900 *b							26.0
28.0	73.2	127.8	14 500 *							28.0
30.0	71.5	127.1	14 000 *							30.0
32.0	69.8	126.3	13 500 *							32.0
34.0	68.1	125.4	13 000 *							34.0
36.0	66.4	124.5	12 400 *							36.0
38.0	64.7	123.5	11 900 *	68.8	125.4	15 800 *				38.0
40.0	62.9	122.5	11 400 *	67.1	124.5	15 200 *				40.0
42.0	61.2	121.3	10 800 *	65.4	123.5	14 800 *				42.0
44.0	59.3	120.1	10 300 *	63.7	122.5	14 300 *				44.0
46.0	57.5	118.8	9 800 *	61.9	121.4	14 000 *				46.0
48.0	55.6	117.3	9 200 *	60.1	120.2	13 600 *				48.0
50.0	53.6	115.8	8 700 *	58.2	118.9	12 800 *				50.0
52.0	51.6	114.2	8 300 *	56.4	117.5	11 800 *				52.0
54.0	49.5	112.4	7 800 *	54.4	116.0	10 800 *	61.5	119.6	13 600 *	54.0
56.0	47.4	110.5	7 400 *	52.4	114.5	10 000 *	59.7	118.4	13 200 *	56.0
58.0	45.2	108.5	7 000 *	50.4	112.8	9 200 *	57.9	117.1	12 400 *	58.0
60.0	42.8	106.3	6 600 *	48.3	110.9	8 500 *	56.0	115.7	11 600 *	60.0
62.0	40.4	103.9	6 200 *	46.1	108.9	7 800 *	54.0	114.2	10 700 *	62.0
64.0	37.8	101.2	5 800 *	43.8	106.8	7 200 *	52.0	112.6	9 800 *	64.0
66.0	35.1	98.3	5 300 *	41.4	104.5	6 600 *	50.0	110.9	9 000 *	66.0
68.0	32.2	95.1	4 900 *	38.9	101.9	6 000 *	47.8	109.0	8 300 *	68.0
72.0	25.3	87.2	4 100 *	33.4	96.1	5 100 *	43.3	104.8	7 100 *	72.0
76.0	15.4	75.2	3 100 *	26.8	88.6	4 200 *	38.4	99.9	5 900 *	76.0
80.0				18.0	77.9	3 500 *	32.8	93.9	5 000 *	80.0
84.0							26.1	86.2	4 200 *	84.0
88.0							16.8	75.0	3 400 *	88.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
25.9	75.5	131.6	13 900 *b							25.9
26.0	75.4	131.6	13 900 *b							26.0
28.0	73.8	131.0	13 500 *							28.0
30.0	72.3	130.3	13 100 *							30.0
32.0	70.7	129.6	12 700 *							32.0
34.0	69.1	128.8	12 200 *							34.0
36.0	67.4	127.9	11 800 *							36.0
38.0	65.8	126.9	11 300 *	69.7	128.7	14 700 *				38.0
40.0	64.1	125.9	10 800 *	68.1	127.8	14 500 *				40.0
42.0	62.4	124.8	10 300 *	66.5	126.9	14 200 *				42.0
44.0	60.7	123.7	9 800 *	64.8	125.9	13 900 *				44.0
46.0	58.9	122.4	9 400 *	63.1	124.9	13 500 *				46.0
48.0	57.1	121.1	8 900 *	61.4	123.7	13 100 *				48.0
50.0	55.3	119.7	8 500 *	59.7	122.5	12 500 *				50.0
52.0	53.4	118.1	8 000 *	57.9	121.2	11 500 *				52.0
54.0	51.5	116.5	7 600 *	56.1	119.8	10 600 *				54.0
56.0	49.5	114.7	7 200 *	54.2	118.4	9 700 *	61.1	122.0	12 700 *	56.0
58.0	47.5	112.8	6 800 *	52.3	116.8	8 900 *	59.3	120.7	12 100 *	58.0
60.0	45.3	110.8	6 400 *	50.3	115.1	8 200 *	57.5	119.4	11 300 *	60.0
62.0	43.1	108.6	6 000 *	48.3	113.2	7 500 *	55.7	118.0	10 400 *	62.0
64.0	40.8	106.2	5 600 *	46.2	111.3	6 900 *	53.8	116.5	9 500 *	64.0
66.0	38.4	103.7	5 100 *	44.0	109.1	6 300 *	51.9	114.9	8 800 *	66.0
68.0	35.8	100.8	4 600 *	41.8	106.8	5 800 *	49.9	113.2	8 000 *	68.0
72.0	30.0	94.2	3 800 *	36.9	101.6	4 800 *	45.8	109.3	6 800 *	72.0
76.0	22.8	85.5	3 100 *	31.3	95.3	4 000 *	41.3	104.8	5 700 *	76.0
80.0				24.5	87.1	3 200 *	36.3	99.5	4 700 *	80.0
84.0				14.7	74.6	2 500 *	30.7	93.0	3 900 *	84.0
88.0							23.7	84.6	3 100 *	88.0
92.0							13.3	71.2	2 500 *	92.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
27.4	75.2	134.5	12 600 *b							27.4
28.0	74.8	134.3	12 500 *b							28.0
30.0	73.2	133.6	12 200 *							30.0
32.0	71.7	132.9	11 800 *							32.0
34.0	70.2	132.2	11 500 *							34.0
36.0	68.6	131.4	11 000 *							36.0
38.0	67.1	130.5	10 700 *							38.0
40.0	65.5	129.5	10 300 *	69.3	131.3	13 300 *				40.0
42.0	63.9	128.5	9 800 *	67.7	130.4	13 100 *				42.0
44.0	62.2	127.4	9 400 *	66.1	129.5	12 900 *				44.0
46.0	60.6	126.2	9 000 *	64.5	128.5	12 600 *				46.0
48.0	58.9	125.0	8 500 *	62.9	127.5	12 200 *				48.0
50.0	57.1	123.7	8 100 *	61.3	126.3	11 900 *				50.0
52.0	55.4	122.2	7 700 *	59.6	125.1	11 600 *				52.0
54.0	53.6	120.7	7 300 *	57.9	123.8	11 000 *				54.0
56.0	51.7	119.1	7 000 *	56.1	122.4	10 100 *				56.0
58.0	49.8	117.3	6 600 *	54.3	120.9	9 200 *	60.9	124.5	12 000 *	58.0
60.0	47.9	115.5	6 200 *	52.5	119.4	8 400 *	59.2	123.3	11 600 *	60.0
62.0	45.8	113.5	5 900 *	50.6	117.7	7 700 *	57.5	122.0	10 900 *	62.0
64.0	43.7	111.4	5 600 *	48.7	115.9	7 000 *	55.8	120.6	9 900 *	64.0
66.0	41.5	109.0	5 100 *	46.7	113.9	6 400 *	54.0	119.1	9 100 *	66.0
68.0	39.2	106.5	4 600 *	44.6	111.8	5 800 *	52.1	117.5	8 300 *	68.0
72.0	34.2	100.8	3 700 *	40.2	107.2	4 800 *	48.3	113.9	6 900 *	72.0
76.0	28.4	93.8	2 900 *	35.3	101.7	3 900 *	44.2	109.9	5 800 *	76.0
80.0	21.1	84.4	2 300 *	29.7	95.0	3 100 *	39.7	105.1	4 700 *	80.0
84.0				22.8	86.2	2 400 *	34.8	99.5	3 900 *	84.0
88.0							29.1	92.7	3 100 *	88.0
92.0							22.0	83.6	2 300 *	92.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
25.9	75.5	128.4	14 800 *							25.9
26.0	75.5	128.4	14 800 *							26.0
28.0	73.8	127.7	14 300 *							28.0
30.0	72.2	127.0	13 900 *							30.0
32.0	70.5	126.2	13 500 *							32.0
34.0	68.8	125.4	13 000 *							34.0
36.0	67.1	124.5	12 500 *							36.0
38.0	65.4	123.5	12 000 *	69.5	125.3	13 900 *				38.0
40.0	63.6	122.4	11 500 *	67.8	124.5	13 400 *				40.0
42.0	61.8	121.3	10 900 *	66.1	123.5	12 900 *				42.0
44.0	60.0	120.1	10 400 *	64.4	122.5	12 500 *				44.0
46.0	58.1	118.7	9 900 *	62.6	121.4	12 100 *				46.0
48.0	56.2	117.3	9 400 *	60.8	120.2	11 700 *				48.0
50.0	54.3	115.8	9 000 *	58.9	118.9	11 300 *				50.0
52.0	52.3	114.1	8 500 *	57.0	117.5	11 000 *				52.0
54.0	50.2	112.4	8 000 *	55.1	116.0	10 600 *	62.2	119.6	11 900 *	54.0
56.0	48.1	110.5	7 600 *	53.1	114.4	10 300 *	60.4	118.4	11 500 *	56.0
58.0	45.8	108.4	7 200 *	51.1	112.7	9 900 *	58.5	117.1	11 200 *	58.0
60.0	43.5	106.2	6 800 *	49.0	110.9	9 500 *	56.6	115.7	10 900 *	60.0
62.0	41.1	103.8	6 400 *	46.8	108.9	8 500 *	54.7	114.2	10 600 *	62.0
64.0	38.5	101.2	6 100 *	44.5	106.8	7 800 *	52.7	112.6	10 300 *	64.0
66.0	35.8	98.3	5 700 *	42.1	104.4	7 200 *	50.6	110.8	9 700 *	66.0
68.0	32.8	95.1	5 400 *	39.6	101.9	6 700 *	48.5	109.0	9 000 *	68.0
72.0	25.9	87.1	4 700 *	34.1	96.0	5 700 *	44.0	104.8	7 700 *	72.0
76.0	16.0	75.1	3 700 *	27.5	88.6	4 800 *	39.1	99.8	6 600 *	76.0
80.0				18.6	77.8	4 100 *	33.5	93.8	5 600 *	80.0
84.0							26.7	86.1	4 800 *	84.0
88.0							17.4	74.8	4 000 *	88.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
27.4	75.2	131.2	13 600 *							27.4
28.0	74.8	131.1	13 500 *							28.0
30.0	73.2	130.4	13 100 *							30.0
32.0	71.6	129.7	12 700 *							32.0
34.0	70.0	128.9	12 300 *							34.0
36.0	68.4	128.0	11 800 *							36.0
38.0	66.7	127.1	11 400 *							38.0
40.0	65.1	126.1	10 900 *	69.1	128.0	13 000 *				40.0
42.0	63.4	125.0	10 500 *	67.4	127.1	12 500 *				42.0
44.0	61.7	123.8	10 000 *	65.8	126.1	12 100 *				44.0
46.0	59.9	122.6	9 500 *	64.1	125.0	11 700 *				46.0
48.0	58.1	121.3	9 100 *	62.4	123.9	11 300 *				48.0
50.0	56.3	119.9	8 600 *	60.6	122.7	11 000 *				50.0
52.0	54.4	118.4	8 200 *	58.9	121.4	10 600 *				52.0
54.0	52.5	116.7	7 800 *	57.0	120.1	10 300 *				54.0
56.0	50.5	115.0	7 400 *	55.2	118.6	10 000 *	62.0	122.2	11 100 *	56.0
58.0	48.5	113.1	7 000 *	53.3	117.0	9 600 *	60.3	120.9	10 800 *	58.0
60.0	46.4	111.1	6 600 *	51.3	115.3	8 900 *	58.5	119.6	10 500 *	60.0
62.0	44.2	109.0	6 300 *	49.3	113.5	8 200 *	56.7	118.2	10 200 *	62.0
64.0	41.9	106.6	5 900 *	47.2	111.6	7 600 *	54.8	116.7	10 000 *	64.0
66.0	39.4	104.1	5 600 *	45.1	109.5	7 000 *	52.9	115.1	9 500 *	66.0
68.0	36.9	101.3	5 300 *	42.8	107.2	6 500 *	50.9	113.4	8 800 *	68.0
72.0	31.2	94.8	4 500 *	38.0	102.1	5 500 *	46.8	109.6	7 500 *	72.0
76.0	24.1	86.3	3 800 *	32.4	95.9	4 700 *	42.4	105.2	6 400 *	76.0
80.0	13.5	72.7	2 500 *	25.8	87.9	3 900 *	37.4	100.0	5 400 *	80.0
84.0				16.4	76.0	3 200 *	31.8	93.6	4 600 *	84.0
88.0							25.0	85.4	3 800 *	88.0
92.0							15.1	72.8	3 100 *	92.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
27.4	75.8	134.4	12 600 *							27.4
28.0	75.4	134.2	12 500 *							28.0
30.0	73.9	133.6	12 200 *							30.0
32.0	72.4	132.9	11 900 *							32.0
34.0	70.8	132.1	11 500 *							34.0
36.0	69.3	131.3	11 200 *							36.0
38.0	67.7	130.4	10 800 *							38.0
40.0	66.1	129.5	10 400 *	69.9	131.3	13 000 *				40.0
42.0	64.5	128.5	10 000 *	68.3	130.4	12 600 *				42.0
44.0	62.9	127.4	9 600 *	66.8	129.5	12 100 *				44.0
46.0	61.2	126.2	9 100 *	65.2	128.5	11 700 *				46.0
48.0	59.5	124.9	8 700 *	63.5	127.4	11 400 *				48.0
50.0	57.8	123.6	8 300 *	61.9	126.3	11 000 *				50.0
52.0	56.0	122.2	7 900 *	60.2	125.1	10 700 *				52.0
54.0	54.2	120.7	7 500 *	58.5	123.8	10 400 *				54.0
56.0	52.3	119.0	7 200 *	56.7	122.4	10 100 *				56.0
58.0	50.4	117.3	6 800 *	55.0	120.9	9 800 *	61.5	124.5	10 800 *	58.0
60.0	48.5	115.4	6 500 *	53.1	119.3	9 200 *	59.9	123.3	10 500 *	60.0
62.0	46.5	113.4	6 100 *	51.2	117.6	8 500 *	58.1	122.0	10 300 *	62.0
64.0	44.4	111.3	5 800 *	49.3	115.8	7 800 *	56.4	120.5	10 000 *	64.0
66.0	42.2	109.0	5 500 *	47.3	113.9	7 200 *	54.6	119.0	9 700 *	66.0
68.0	39.9	106.5	5 200 *	45.2	111.8	6 600 *	52.7	117.4	9 100 *	68.0
72.0	34.8	100.8	4 500 *	40.8	107.1	5 500 *	48.9	113.9	7 700 *	72.0
76.0	29.0	93.7	3 700 *	35.9	101.6	4 600 *	44.8	109.8	6 500 *	76.0
80.0	21.7	84.3	2 900 *	30.3	94.9	3 800 *	40.4	105.1	5 400 *	80.0
84.0				23.4	86.1	3 100 *	35.4	99.5	4 500 *	84.0
88.0				12.7	71.9	2 300 *	29.7	92.6	3 800 *	88.0
92.0							22.6	83.5	3 000 *	92.0
96.0							11.0	67.9	2 400 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	75.3	137.1	11 600 *							29.0
30.0	74.5	136.8	11 400 *							30.0
32.0	73.0	136.1	11 100 *							32.0
34.0	71.6	135.4	10 800 *							34.0
36.0	70.1	134.6	10 500 *							36.0
38.0	68.6	133.8	10 100 *							38.0
40.0	67.1	132.9	9 800 *	70.7	134.5	12 400 *				40.0
42.0	65.5	131.9	9 500 *	69.2	133.7	12 200 *				42.0
44.0	64.0	130.9	9 100 *	67.7	132.8	11 800 *				44.0
46.0	62.4	129.7	8 700 *	66.2	131.9	11 400 *				46.0
48.0	60.8	128.5	8 300 *	64.6	130.9	11 100 *				48.0
50.0	59.1	127.3	8 000 *	63.0	129.8	10 700 *				50.0
52.0	57.5	125.9	7 600 *	61.4	128.6	10 400 *				52.0
54.0	55.8	124.5	7 300 *	59.8	127.4	10 100 *				54.0
56.0	54.0	123.0	6 900 *	58.1	126.1	9 900 *				56.0
58.0	52.2	121.3	6 600 *	56.5	124.7	9 600 *	62.7	128.0	10 500 *	58.0
60.0	50.4	119.6	6 300 *	54.7	123.2	8 900 *	61.1	126.9	10 200 *	60.0
62.0	48.5	117.7	5 900 *	53.0	121.6	8 200 *	59.5	125.6	9 900 *	62.0
64.0	46.6	115.8	5 600 *	51.2	119.9	7 500 *	57.8	124.3	9 700 *	64.0
66.0	44.5	113.6	5 300 *	49.3	118.1	6 900 *	56.1	122.9	9 400 *	66.0
68.0	42.4	111.4	5 000 *	47.4	116.2	6 300 *	54.4	121.3	8 800 *	68.0
72.0	37.9	106.2	4 200 *	43.3	111.9	5 300 *	50.8	118.0	7 400 *	72.0
76.0	32.9	100.1	3 400 *	38.9	106.9	4 300 *	47.0	114.2	6 200 *	76.0
80.0	26.9	92.4	2 700 *	34.0	101.0	3 600 *	42.9	109.9	5 200 *	80.0
84.0				28.2	93.8	2 800 *	38.4	104.8	4 300 *	84.0
88.0				20.9	84.0	2 200 *	33.4	98.8	3 500 *	88.0
92.0							27.6	91.4	2 800 *	92.0
96.0							20.0	81.2	2 100 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	75.8	140.3	10 700 *							29.0
30.0	75.1	140.0	10 600 *							30.0
32.0	73.7	139.4	10 300 *							32.0
34.0	72.2	138.7	10 100 *							34.0
36.0	70.8	137.9	9 800 *							36.0
38.0	69.4	137.1	9 500 *							38.0
40.0	67.9	136.2	9 200 *							40.0
42.0	66.5	135.3	8 900 *	70.0	137.0	11 300 *				42.0
44.0	65.0	134.3	8 600 *	68.5	136.2	11 200 *				44.0
46.0	63.5	133.2	8 200 *	67.1	135.3	11 000 *				46.0
48.0	61.9	132.1	7 900 *	65.6	134.3	10 800 *				48.0
50.0	60.4	130.9	7 600 *	64.1	133.3	10 500 *				50.0
52.0	58.8	129.6	7 300 *	62.6	132.2	10 200 *				52.0
54.0	57.2	128.3	6 900 *	61.0	131.0	9 900 *				54.0
56.0	55.5	126.8	6 600 *	59.4	129.7	9 700 *				56.0
58.0	53.8	125.3	6 300 *	57.8	128.4	9 400 *				58.0
60.0	52.1	123.6	6 000 *	56.2	127.0	8 600 *	62.2	130.4	9 900 *	60.0
62.0	50.3	121.9	5 700 *	54.5	125.5	7 900 *	60.7	129.2	9 700 *	62.0
64.0	48.5	120.0	5 400 *	52.8	123.9	7 200 *	59.1	127.9	9 500 *	64.0
66.0	46.6	118.1	5 100 *	51.1	122.2	6 600 *	57.5	126.6	9 200 *	66.0
68.0	44.7	116.0	4 800 *	49.3	120.4	6 000 *	55.9	125.2	8 500 *	68.0
72.0	40.6	111.3	3 900 *	45.5	116.4	5 000 *	52.5	122.0	7 100 *	72.0
76.0	36.1	105.8	3 100 *	41.5	111.9	4 100 *	48.9	118.5	5 900 *	76.0
80.0	30.9	99.2	2 400 *	37.0	106.6	3 300 *	45.1	114.5	4 900 *	80.0
84.0				32.1	100.3	2 600 *	41.0	109.9	4 000 *	84.0
88.0				26.2	92.4	1 900 *	36.6	104.5	3 200 *	88.0
92.0							31.5	98.0	2 500 *	92.0
96.0							25.5	89.9	1 900 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	74.9	134.0	11 900 *							29.0
30.0	74.1	133.6	11 700 *							30.0
32.0	72.6	132.9	11 400 *							32.0
34.0	71.1	132.2	11 200 *							34.0
36.0	69.5	131.4	10 900 *							36.0
38.0	68.0	130.5	10 600 *							38.0
40.0	66.4	129.5	10 300 *	70.2	131.3	11 000 *				40.0
42.0	64.8	128.5	9 900 *	68.6	130.4	10 800 *				42.0
44.0	63.1	127.4	9 500 *	67.0	129.5	10 500 *				44.0
46.0	61.5	126.2	9 200 *	65.4	128.5	10 300 *				46.0
48.0	59.8	125.0	8 800 *	63.8	127.4	10 000 *				48.0
50.0	58.0	123.6	8 400 *	62.1	126.3	9 800 *				50.0
52.0	56.3	122.2	8 000 *	60.5	125.1	9 600 *				52.0
54.0	54.5	120.7	7 700 *	58.8	123.8	9 200 *				54.0
56.0	52.6	119.1	7 300 *	57.0	122.4	8 900 *				56.0
58.0	50.7	117.3	7 000 *	55.2	120.9	8 700 *	61.8	124.5	9 300 *	58.0
60.0	48.8	115.5	6 600 *	53.4	119.3	8 400 *	60.1	123.3	9 200 *	60.0
62.0	46.7	113.5	6 300 *	51.5	117.6	8 200 *	58.4	122.0	9 000 *	62.0
64.0	44.6	111.3	6 000 *	49.6	115.8	7 900 *	56.6	120.6	8 800 *	64.0
66.0	42.4	109.0	5 700 *	47.6	113.9	7 700 *	54.9	119.1	8 600 *	66.0
68.0	40.1	106.5	5 400 *	45.5	111.8	7 200 *	53.0	117.5	8 400 *	68.0
72.0	35.1	100.8	4 800 *	41.1	107.2	6 100 *	49.2	113.9	7 900 *	72.0
76.0	29.3	93.8	4 300 *	36.2	101.7	5 200 *	45.1	109.9	7 000 *	76.0
80.0	21.9	84.3	3 500 *	30.6	95.0	4 400 *	40.6	105.1	6 000 *	80.0
84.0				23.7	86.2	3 700 *	35.7	99.5	5 100 *	84.0
88.0				13.1	72.0	2 800 *	30.0	92.7	4 300 *	88.0
92.0							22.8	83.6	3 600 *	92.0
96.0							11.3	68.1	2 900 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	75.5	137.2	11 300 *							29.0
30.0	74.7	136.8	11 200 *							30.0
32.0	73.3	136.2	10 900 *							32.0
34.0	71.8	135.4	10 600 *							34.0
36.0	70.3	134.6	10 400 *							36.0
38.0	68.8	133.8	10 000 *							38.0
40.0	67.3	132.9	9 700 *							40.0
42.0	65.8	131.9	9 400 *	69.4	133.7	10 700 *				42.0
44.0	64.2	130.9	9 100 *	67.9	132.9	10 500 *				44.0
46.0	62.6	129.8	8 700 *	66.4	131.9	10 200 *				46.0
48.0	61.0	128.6	8 400 *	64.9	130.9	9 900 *				48.0
50.0	59.4	127.3	8 100 *	63.3	129.8	9 600 *				50.0
52.0	57.7	126.0	7 700 *	61.7	128.7	9 300 *				52.0
54.0	56.0	124.5	7 400 *	60.1	127.4	9 000 *				54.0
56.0	54.3	123.0	7 100 *	58.4	126.1	8 700 *				56.0
58.0	52.5	121.4	6 700 *	56.7	124.7	8 400 *				58.0
60.0	50.6	119.6	6 400 *	55.0	123.2	8 200 *	61.4	126.9	9 000 *	60.0
62.0	48.8	117.8	6 100 *	53.2	121.6	7 900 *	59.7	125.6	8 800 *	62.0
64.0	46.8	115.8	5 800 *	51.4	119.9	7 700 *	58.1	124.3	8 600 *	64.0
66.0	44.8	113.7	5 500 *	49.6	118.1	7 400 *	56.4	122.9	8 300 *	66.0
68.0	42.7	111.4	5 300 *	47.6	116.2	6 900 *	54.6	121.4	8 100 *	68.0
72.0	38.2	106.2	4 800 *	43.6	111.9	5 900 *	51.0	118.1	7 700 *	72.0
76.0	33.1	100.1	4 000 *	39.2	107.0	5 000 *	47.2	114.3	6 800 *	76.0
80.0	27.2	92.5	3 300 *	34.2	101.1	4 200 *	43.2	109.9	5 800 *	80.0
84.0	19.3	81.9	2 700 *	28.5	93.8	3 500 *	38.7	104.9	4 900 *	84.0
88.0				21.2	84.1	2 800 *	33.7	98.9	4 100 *	88.0
92.0							27.9	91.4	3 400 *	92.0
96.0							20.3	81.3	2 800 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	75.0	139.9	10 400 *							30.5
32.0	73.9	139.4	10 200 *							32.0
34.0	72.5	138.7	10 000 *							34.0
36.0	71.1	137.9	9 700 *							36.0
38.0	69.6	137.1	9 500 *							38.0
40.0	68.2	136.2	9 200 *							40.0
42.0	66.7	135.3	8 900 *	70.2	137.0	10 400 *				42.0
44.0	65.2	134.3	8 600 *	68.8	136.2	10 200 *				44.0
46.0	63.7	133.3	8 300 *	67.3	135.3	9 900 *				46.0
48.0	62.2	132.1	8 000 *	65.8	134.3	9 600 *				48.0
50.0	60.6	130.9	7 700 *	64.3	133.3	9 300 *				50.0
52.0	59.0	129.6	7 400 *	62.8	132.2	9 000 *				52.0
54.0	57.4	128.3	7 100 *	61.3	131.0	8 700 *				54.0
56.0	55.8	126.8	6 800 *	59.7	129.8	8 400 *				56.0
58.0	54.1	125.3	6 500 *	58.1	128.4	8 200 *				58.0
60.0	52.4	123.7	6 200 *	56.4	127.0	8 000 *	62.5	130.4	8 700 *	60.0
62.0	50.6	121.9	5 900 *	54.8	125.5	7 700 *	60.9	129.2	8 500 *	62.0
64.0	48.8	120.1	5 600 *	53.1	123.9	7 500 *	59.4	128.0	8 300 *	64.0
66.0	46.9	118.1	5 300 *	51.3	122.2	7 200 *	57.8	126.6	8 100 *	66.0
68.0	45.0	116.0	5 100 *	49.5	120.4	6 600 *	56.1	125.2	7 900 *	68.0
72.0	40.8	111.3	4 500 *	45.8	116.5	5 600 *	52.7	122.1	7 400 *	72.0
76.0	36.3	105.8	3 800 *	41.7	111.9	4 700 *	49.2	118.5	6 500 *	76.0
80.0	31.2	99.2	3 000 *	37.3	106.6	3 900 *	45.4	114.5	5 500 *	80.0
84.0	25.0	90.9	2 400 *	32.3	100.3	3 200 *	41.3	109.9	4 600 *	84.0
88.0				26.4	92.4	2 500 *	36.8	104.5	3 800 *	88.0
92.0				18.6	81.5	2 000 *	31.8	98.1	3 100 *	92.0
96.0							25.7	90.0	2 500 *	96.0
100.0							17.7	78.5	1 900 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	75.5	143.1	9 700 *							30.5
32.0	74.5	142.6	9 600 *							32.0
34.0	73.1	141.9	9 400 *							34.0
36.0	71.7	141.2	9 100 *							36.0
38.0	70.4	140.4	8 900 *							38.0
40.0	69.0	139.6	8 700 *							40.0
42.0	67.6	138.7	8 400 *							42.0
44.0	66.1	137.7	8 100 *	69.5	139.5	9 800 *				44.0
46.0	64.7	136.7	7 900 *	68.1	138.6	9 600 *				46.0
48.0	63.2	135.6	7 600 *	66.7	137.7	9 300 *				48.0
50.0	61.7	134.5	7 300 *	65.3	136.7	9 000 *				50.0
52.0	60.2	133.3	7 000 *	63.8	135.7	8 700 *				52.0
54.0	58.7	132.0	6 700 *	62.3	134.5	8 400 *				54.0
56.0	57.1	130.6	6 500 *	60.8	133.4	8 200 *				56.0
58.0	55.5	129.1	6 200 *	59.3	132.1	8 000 *				58.0
60.0	53.9	127.6	5 900 *	57.8	130.8	7 700 *				60.0
62.0	52.2	126.0	5 700 *	56.2	129.3	7 500 *	62.0	132.8	8 200 *	62.0
64.0	50.5	124.2	5 400 *	54.6	127.8	7 300 *	60.5	131.6	8 000 *	64.0
66.0	48.8	122.4	5 200 *	52.9	126.2	7 000 *	59.0	130.3	7 800 *	66.0
68.0	47.0	120.4	4 900 *	51.2	124.5	6 400 *	57.5	128.9	7 600 *	68.0
72.0	43.2	116.1	4 200 *	47.7	120.8	5 300 *	54.3	126.0	7 200 *	72.0
76.0	39.1	111.1	3 500 *	44.0	116.6	4 400 *	50.9	122.6	6 300 *	76.0
80.0	34.5	105.3	2 800 *	39.9	111.8	3 600 *	47.4	118.9	5 300 *	80.0
84.0	29.3	98.2	2 100 *	35.5	106.1	2 900 *	43.6	114.6	4 400 *	84.0
88.0				30.4	99.4	2 300 *	39.5	109.7	3 600 *	88.0
92.0							35.0	104.0	2 900 *	92.0
96.0							29.9	97.1	2 200 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	76.0	146.2	9 100 *							30.5
32.0	75.0	145.8	8 900 *							32.0
34.0	73.7	145.1	8 700 *							34.0
36.0	72.4	144.4	8 500 *							36.0
38.0	71.0	143.7	8 300 *							38.0
40.0	69.7	142.9	8 100 *							40.0
42.0	68.3	142.0	7 900 *							42.0
44.0	67.0	141.1	7 600 *							44.0
46.0	65.6	140.1	7 400 *	68.9	142.0	9 200 *				46.0
48.0	64.2	139.1	7 200 *	67.5	141.1	9 000 *				48.0
50.0	62.8	138.0	6 900 *	66.2	140.1	8 800 *				50.0
52.0	61.3	136.8	6 600 *	64.8	139.1	8 500 *				52.0
54.0	59.9	135.6	6 400 *	63.4	138.0	8 200 *				54.0
56.0	58.4	134.3	6 200 *	61.9	136.9	8 000 *				56.0
58.0	56.9	132.9	5 900 *	60.5	135.7	7 800 *				58.0
60.0	55.3	131.4	5 600 *	59.0	134.4	7 500 *				60.0
62.0	53.7	129.9	5 400 *	57.5	133.1	7 300 *				62.0
64.0	52.1	128.3	5 200 *	56.0	131.6	7 200 *	61.6	135.1	7 700 *	64.0
66.0	50.5	126.5	4 900 *	54.4	130.1	6 700 *	60.2	133.9	7 600 *	66.0
68.0	48.8	124.7	4 700 *	52.8	128.5	6 100 *	58.7	132.6	7 400 *	68.0
72.0	45.2	120.6	4 000 *	49.5	125.0	5 000 *	55.6	129.8	7 000 *	72.0
76.0	41.5	116.0	3 200 *	46.0	121.1	4 100 *	52.5	126.7	6 000 *	76.0
80.0	37.3	110.8	2 500 *	42.3	116.6	3 300 *	49.1	123.1	4 900 *	80.0
84.0				38.2	111.5	2 600 *	45.6	119.1	4 100 *	84.0
88.0				33.7	105.5	2 000 *	41.9	114.6	3 300 *	88.0
92.0							37.8	109.4	2 600 *	92.0
96.0							33.2	103.3	1 900 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	76.0	140.4	9 500 *							29.0
30.0	75.2	140.1	9 300 *							30.0
32.0	73.8	139.4	9 100 *							32.0
34.0	72.4	138.7	8 800 *							34.0
36.0	71.0	138.0	8 600 *							36.0
38.0	69.6	137.2	8 300 *							38.0
40.0	68.1	136.3	8 100 *							40.0
42.0	66.6	135.4	7 800 *	70.2	137.1	8 200 *				42.0
44.0	65.2	134.4	7 600 *	68.7	136.2	8 000 *				44.0
46.0	63.6	133.3	7 400 *	67.3	135.3	7 700 *				46.0
48.0	62.1	132.2	7 100 *	65.8	134.4	7 500 *				48.0
50.0	60.6	131.0	6 900 *	64.3	133.3	7 300 *				50.0
52.0	59.0	129.7	6 800 *	62.8	132.2	7 100 *				52.0
54.0	57.4	128.3	6 600 *	61.2	131.1	6 900 *				54.0
56.0	55.7	126.9	6 400 *	59.6	129.8	6 700 *				56.0
58.0	54.0	125.3	6 200 *	58.0	128.5	6 600 *				58.0
60.0	52.3	123.7	6 100 *	56.4	127.1	6 400 *	62.4	130.5	6 700 *	60.0
62.0	50.6	122.0	5 900 *	54.7	125.6	6 200 *	60.9	129.3	6 600 *	62.0
64.0	48.7	120.1	5 700 *	53.0	124.0	6 100 *	59.3	128.0	6 400 *	64.0
66.0	46.9	118.2	5 400 *	51.3	122.3	5 900 *	57.7	126.7	6 300 *	66.0
68.0	44.9	116.1	5 200 *	49.5	120.5	5 800 *	56.1	125.2	6 100 *	68.0
72.0	40.8	111.4	4 700 *	45.7	116.5	5 600 *	52.7	122.1	5 900 *	72.0
76.0	36.3	105.9	4 200 *	41.7	112.0	5 200 *	49.1	118.6	5 600 *	76.0
80.0	31.2	99.3	3 600 *	37.3	106.7	4 400 *	45.3	114.6	5 400 *	80.0
84.0	25.0	91.0	2 900 *	32.3	100.4	3 700 *	41.3	110.0	5 100 *	84.0
88.0	16.6	79.0	2 200 *	26.4	92.5	3 000 *	36.8	104.6	4 300 *	88.0
92.0				18.7	81.6	2 500 *	31.8	98.1	3 600 *	92.0
96.0							25.8	90.1	3 000 *	96.0
100.0							17.7	78.7	2 400 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	75.4	143.1	9 100 *							30.5
32.0	74.4	142.6	8 900 *							32.0
34.0	73.1	142.0	8 600 *							34.0
36.0	71.7	141.2	8 400 *							36.0
38.0	70.3	140.5	8 200 *							38.0
40.0	68.9	139.6	7 900 *							40.0
42.0	67.5	138.7	7 700 *							42.0
44.0	66.1	137.8	7 500 *	69.5	139.6	7 800 *				44.0
46.0	64.6	136.8	7 300 *	68.1	138.7	7 600 *				46.0
48.0	63.2	135.7	7 100 *	66.7	137.8	7 400 *				48.0
50.0	61.7	134.5	6 900 *	65.2	136.8	7 200 *				50.0
52.0	60.2	133.3	6 700 *	63.8	135.7	7 100 *				52.0
54.0	58.6	132.0	6 600 *	62.3	134.6	6 800 *				54.0
56.0	57.1	130.6	6 400 *	60.8	133.4	6 700 *				56.0
58.0	55.5	129.2	6 200 *	59.3	132.1	6 500 *				58.0
60.0	53.9	127.6	6 000 *	57.7	130.8	6 300 *				60.0
62.0	52.2	126.0	5 700 *	56.2	129.4	6 200 *	62.0	132.8	6 500 *	62.0
64.0	50.5	124.3	5 500 *	54.5	127.9	6 000 *	60.5	131.6	6 300 *	64.0
66.0	48.7	122.4	5 200 *	52.9	126.3	5 900 *	59.0	130.3	6 200 *	66.0
68.0	46.9	120.5	5 000 *	51.2	124.6	5 800 *	57.4	129.0	6 100 *	68.0
72.0	43.1	116.1	4 600 *	47.7	120.9	5 500 *	54.2	126.0	5 800 *	72.0
76.0	39.0	111.2	4 000 *	44.0	116.7	5 000 *	50.9	122.7	5 600 *	76.0
80.0	34.5	105.3	3 300 *	39.9	111.8	4 200 *	47.3	118.9	5 400 *	80.0
84.0	29.3	98.3	2 700 *	35.5	106.2	3 500 *	43.6	114.7	4 900 *	84.0
88.0	22.9	89.2	2 100 *	30.4	99.5	2 800 *	39.5	109.8	4 100 *	88.0
92.0				24.3	90.9	2 300 *	35.0	104.1	3 400 *	92.0
96.0							29.9	97.2	2 800 *	96.0
100.0							23.6	88.4	2 200 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	75.9	146.3	8 700 *							30.5
32.0	75.0	145.8	8 600 *							32.0
34.0	73.6	145.2	8 400 *							34.0
36.0	72.3	144.5	8 200 *							36.0
38.0	71.0	143.7	8 000 *							38.0
40.0	69.7	142.9	7 800 *							40.0
42.0	68.3	142.1	7 600 *							42.0
44.0	66.9	141.2	7 400 *							44.0
46.0	65.5	140.2	7 200 *	68.9	142.0	7 500 *				46.0
48.0	64.1	139.1	7 000 *	67.5	141.1	7 300 *				48.0
50.0	62.7	138.0	6 800 *	66.1	140.2	7 100 *				50.0
52.0	61.3	136.9	6 600 *	64.7	139.2	6 900 *				52.0
54.0	59.8	135.6	6 400 *	63.3	138.1	6 800 *				54.0
56.0	58.3	134.3	6 100 *	61.9	137.0	6 600 *				56.0
58.0	56.8	133.0	5 900 *	60.4	135.7	6 400 *				58.0
60.0	55.3	131.5	5 700 *	59.0	134.5	6 300 *				60.0
62.0	53.7	129.9	5 500 *	57.4	133.1	6 100 *				62.0
64.0	52.1	128.3	5 300 *	55.9	131.7	6 000 *	61.6	135.2	6 200 *	64.0
66.0	50.4	126.6	5 000 *	54.4	130.2	5 900 *	60.1	134.0	6 100 *	66.0
68.0	48.8	124.7	4 800 *	52.8	128.6	5 700 *	58.7	132.7	6 000 *	68.0
72.0	45.2	120.7	4 400 *	49.5	125.1	5 400 *	55.6	129.9	5 700 *	72.0
76.0	41.4	116.1	3 800 *	46.0	121.2	4 700 *	52.4	126.7	5 500 *	76.0
80.0	37.3	110.8	3 100 *	42.2	116.7	3 900 *	49.1	123.2	5 300 *	80.0
84.0	32.7	104.6	2 400 *	38.2	111.6	3 200 *	45.6	119.2	4 600 *	84.0
88.0	27.4	97.0	1 900 *	33.7	105.6	2 500 *	41.8	114.7	3 800 *	88.0
92.0				28.5	98.3	2 000 *	37.8	109.5	3 100 *	92.0
96.0							33.2	103.4	2 500 *	96.0
100.0							28.0	96.0	1 900 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
32.0	75.5	149.0	8 100 *							32.0
34.0	74.2	148.4	7 900 *							34.0
36.0	72.9	147.7	7 800 *							36.0
38.0	71.6	147.0	7 600 *							38.0
40.0	70.3	146.2	7 500 *							40.0
42.0	69.0	145.4	7 300 *							42.0
44.0	67.7	144.5	7 100 *							44.0
46.0	66.4	143.6	6 900 *	69.6	145.3	7 300 *				46.0
48.0	65.0	142.6	6 700 *	68.3	144.5	7 100 *				48.0
50.0	63.7	141.5	6 500 *	66.9	143.6	7 000 *				50.0
52.0	62.3	140.4	6 300 *	65.6	142.6	6 800 *				52.0
54.0	60.9	139.2	6 100 *	64.3	141.6	6 700 *				54.0
56.0	59.5	138.0	5 900 *	62.9	140.5	6 500 *				56.0
58.0	58.0	136.7	5 700 *	61.5	139.3	6 300 *				58.0
60.0	56.6	135.3	5 400 *	60.1	138.1	6 200 *				60.0
62.0	55.1	133.8	5 200 *	58.6	136.8	6 100 *				62.0
64.0	53.6	132.2	5 000 *	57.2	135.4	5 900 *	62.6	138.7	6 000 *	64.0
66.0	52.0	130.6	4 800 *	55.7	134.0	5 800 *	61.2	137.5	6 000 *	66.0
68.0	50.4	128.9	4 600 *	54.2	132.5	5 700 *	59.8	136.3	5 800 *	68.0
72.0	47.1	125.1	4 200 *	51.1	129.2	5 300 *	56.9	133.6	5 600 *	72.0
76.0	43.6	120.8	3 500 *	47.8	125.5	4 400 *	53.9	130.6	5 500 *	76.0
80.0	39.8	116.0	2 800 *	44.3	121.3	3 600 *	50.7	127.3	5 200 *	80.0
84.0	35.6	110.4	2 100 *	40.6	116.6	2 900 *	47.4	123.6	4 400 *	84.0
88.0				36.5	111.2	2 300 *	43.9	119.4	3 600 *	88.0
92.0							40.2	114.6	2 900 *	92.0
96.0							36.1	109.1	2 200 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
32.0	75.9	152.2	7 500 *							32.0
34.0	74.7	151.6	7 400 *							34.0
36.0	73.5	150.9	7 200 *							36.0
38.0	72.2	150.2	7 100 *							38.0
40.0	71.0	149.5	7 000 *							40.0
42.0	69.7	148.7	6 800 *							42.0
44.0	68.5	147.8	6 600 *							44.0
46.0	67.2	146.9	6 500 *	70.3	148.6	7 100 *				46.0
48.0	65.9	146.0	6 300 *	69.0	147.8	6 900 *				48.0
50.0	64.6	145.0	6 100 *	67.7	146.9	6 800 *				50.0
52.0	63.3	143.9	5 900 *	66.4	146.0	6 600 *				52.0
54.0	61.9	142.8	5 700 *	65.1	145.0	6 500 *				54.0
56.0	60.6	141.6	5 500 *	63.8	143.9	6 300 *				56.0
58.0	59.2	140.3	5 300 *	62.5	142.8	6 200 *				58.0
60.0	57.8	139.0	5 200 *	61.1	141.7	6 100 *				60.0
62.0	56.3	137.6	5 000 *	59.7	140.4	5 900 *				62.0
64.0	54.9	136.1	4 800 *	58.4	139.1	5 800 *				64.0
66.0	53.4	134.5	4 600 *	56.9	137.8	5 700 *	62.2	141.1	5 700 *	66.0
68.0	51.9	132.9	4 400 *	55.5	136.3	5 600 *	60.8	139.9	5 700 *	68.0
72.0	48.8	129.3	4 000 *	52.5	133.2	5 000 *	58.1	137.3	5 500 *	72.0
76.0	45.5	125.3	3 200 *	49.4	129.7	4 100 *	55.2	134.5	5 300 *	76.0
80.0	41.9	120.8	2 500 *	46.2	125.8	3 400 *	52.2	131.3	5 000 *	80.0
84.0				42.7	121.4	2 600 *	49.1	127.8	4 000 *	84.0
88.0				39.0	116.4	2 000 *	45.8	123.8	3 300 *	88.0
92.0							42.3	119.4	2 600 *	92.0
96.0							38.6	114.3	1 900 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.1	120.2	19 800 *c							21.3
22.0	74.4	120.1	19 500 *c							22.0
24.0	72.5	119.4	18 800 *c							24.0
26.0	70.5	118.7	18 100 *c							26.0
28.0	68.5	117.9	17 200 *b							28.0
30.0	66.5	117.1	16 400 *b							30.0
32.0	64.4	116.1	15 600 *b	69.6	117.9	20 800 *c				32.0
34.0	62.3	115.1	14 700 *b	67.6	117.1	20 300 *b				34.0
36.0	60.2	113.9	13 900 *b	65.5	116.2	19 700 *b				36.0
38.0	58.0	112.7	13 100 *b	63.5	115.2	19 000 *b				38.0
40.0	55.7	111.3	12 300 *b	61.3	114.1	18 300 *b				40.0
42.0	53.4	109.8	11 600 *	59.2	112.9	17 500 *b				42.0
44.0	51.0	108.2	10 800 *	57.0	111.6	16 700 *b				44.0
46.0	48.6	106.5	10 200 *	54.7	110.2	15 700 *				46.0
48.0	46.0	104.6	9 500 *	52.4	108.7	14 400 *	61.4	112.5	16 400 *b	48.0
50.0	43.3	102.5	8 900 *	49.9	107.0	13 200 *	59.2	111.3	15 800 *b	50.0
52.0	40.5	100.2	8 300 *	47.4	105.2	12 100 *	57.0	110.0	15 000 *b	52.0
54.0	37.4	97.6	7 800 *	44.8	103.2	11 200 *	54.7	108.6	14 000 *	54.0
56.0	34.2	94.7	7 300 *	42.0	101.0	10 300 *	52.4	107.1	13 100 *	56.0
58.0	30.6	91.4	6 900 *	39.1	98.6	9 500 *	49.9	105.4	12 300 *	58.0
60.0	26.6	87.6	6 500 *	36.0	95.9	8 800 *	47.4	103.6	11 600 *	60.0
62.0	21.9	83.0	6 100 *	32.6	92.9	8 100 *	44.8	101.6	10 900 *	62.0
64.0	15.8	76.8	5 800 *	28.9	89.4	7 500 *	42.1	99.4	10 200 *	64.0
66.0				24.6	85.2	6 900 *	39.1	97.0	9 500 *	66.0
68.0				19.4	80.0	6 400 *	36.0	94.3	8 800 *	68.0
72.0							28.9	87.8	7 500 *	72.0
76.0							19.4	78.4	6 400 *	76.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.8	123.4	18 500 *c							21.3
22.0	75.2	123.2	18 300 *c							22.0
24.0	73.3	122.6	17 600 *c							24.0
26.0	71.5	122.0	17 000 *c							26.0
28.0	69.6	121.2	16 300 *c							28.0
30.0	67.7	120.4	15 500 *b							30.0
32.0	65.7	119.5	14 800 *b	70.6	121.2	19 300 *c				32.0
34.0	63.7	118.5	14 100 *b	68.7	120.4	19 000 *b				34.0
36.0	61.7	117.4	13 300 *b	66.8	119.6	18 500 *b				36.0
38.0	59.7	116.3	12 600 *b	64.8	118.6	17 900 *b				38.0
40.0	57.6	115.0	11 900 *b	62.8	117.6	17 300 *b				40.0
42.0	55.4	113.6	11 200 *	60.8	116.5	16 700 *b				42.0
44.0	53.2	112.1	10 500 *	58.7	115.3	16 000 *b				44.0
46.0	50.9	110.5	9 900 *	56.6	114.0	15 300 *b				46.0
48.0	48.6	108.8	9 300 *	54.4	112.5	14 200 *				48.0
50.0	46.1	106.9	8 700 *	52.2	111.0	13 000 *	60.8	114.9	15 200 *b	50.0
52.0	43.6	104.8	8 200 *	49.9	109.3	11 900 *	58.7	113.7	14 600 *b	52.0
54.0	40.9	102.5	7 700 *	47.5	107.5	11 000 *	56.6	112.3	13 800 *b	54.0
56.0	38.1	100.0	7 200 *	45.0	105.5	10 100 *	54.4	110.9	12 900 *	56.0
58.0	35.0	97.2	6 700 *	42.4	103.4	9 300 *	52.2	109.4	12 100 *	58.0
60.0	31.7	94.1	6 300 *	39.6	101.0	8 600 *	49.9	107.7	11 400 *	60.0
62.0	28.0	90.4	6 000 *	36.7	98.3	7 900 *	47.5	105.9	10 600 *	62.0
64.0	23.9	86.2	5 600 *	33.6	95.4	7 300 *	45.0	103.9	10 000 *	64.0
66.0	18.8	80.8	5 300 *	30.1	92.1	6 700 *	42.4	101.8	9 400 *	66.0
68.0	11.5	72.9	4 300 *	26.2	88.2	6 200 *	39.7	99.4	8 600 *	68.0
72.0				15.9	77.3	5 200 *	33.6	93.8	7 300 *	72.0
76.0							26.3	86.6	6 200 *	76.0
80.0							16.0	75.7	5 200 *	80.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.1	126.1	16 700 *c							22.9
24.0	74.1	125.8	16 400 *c							24.0
26.0	72.3	125.2	15 800 *c							26.0
28.0	70.5	124.5	15 200 *c							28.0
30.0	68.7	123.7	14 600 *b							30.0
32.0	66.9	122.8	14 000 *b							32.0
34.0	65.0	121.9	13 300 *b	69.7	123.7	17 600 *c				34.0
36.0	63.1	120.9	12 700 *b	67.9	122.9	17 200 *b				36.0
38.0	61.2	119.8	12 000 *b	66.0	122.0	16 800 *b				38.0
40.0	59.2	118.6	11 400 *b	64.2	121.0	16 300 *b				40.0
42.0	57.2	117.3	10 700 *b	62.2	120.0	15 800 *b				42.0
44.0	55.1	115.9	10 100 *	60.3	118.8	15 200 *b				44.0
46.0	53.0	114.4	9 500 *	58.3	117.6	14 600 *b				46.0
48.0	50.9	112.8	9 000 *	56.3	116.3	13 800 *b				48.0
50.0	48.6	111.1	8 500 *	54.2	114.8	12 700 *				50.0
52.0	46.3	109.2	7 900 *	52.1	113.3	11 700 *	60.3	117.2	14 000 *b	52.0
54.0	43.8	107.1	7 500 *	49.8	111.6	10 700 *	58.3	116.0	13 400 *b	54.0
56.0	41.3	104.9	7 000 *	47.6	109.8	9 800 *	56.3	114.7	12 500 *b	56.0
58.0	38.6	102.4	6 600 *	45.2	107.8	9 000 *	54.2	113.2	11 700 *	58.0
60.0	35.8	99.7	6 200 *	42.7	105.7	8 300 *	52.1	111.7	11 000 *	60.0
62.0	32.7	96.6	5 800 *	40.1	103.4	7 600 *	49.9	110.0	10 300 *	62.0
64.0	29.3	93.2	5 500 *	37.3	100.8	7 000 *	47.6	108.2	9 600 *	64.0
66.0	25.5	89.2	5 100 *	34.4	97.9	6 400 *	45.2	106.2	9 000 *	66.0
68.0	21.1	84.3	4 700 *	31.2	94.7	5 900 *	42.7	104.1	8 300 *	68.0
72.0				23.6	86.7	4 900 *	37.4	99.2	7 000 *	72.0
76.0				11.9	73.5	3 900 *	31.2	93.1	5 900 *	76.0
80.0							23.6	85.1	4 900 *	80.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.8	129.3	15 600 *c							22.9
24.0	74.8	129.0	15 300 *c							24.0
26.0	73.1	128.4	14 800 *c							26.0
28.0	71.4	127.7	14 300 *c							28.0
30.0	69.7	127.0	13 800 *c							30.0
32.0	67.9	126.2	13 200 *b							32.0
34.0	66.2	125.3	12 700 *b	70.6	126.9	16 300 *c				34.0
36.0	64.4	124.3	12 100 *b	68.9	126.2	16 000 *b				36.0
38.0	62.5	123.3	11 500 *b	67.1	125.3	15 700 *b				38.0
40.0	60.7	122.2	10 900 *b	65.4	124.4	15 300 *b				40.0
42.0	58.8	121.0	10 300 *b	63.5	123.4	14 900 *b				42.0
44.0	56.9	119.7	9 800 *b	61.7	122.3	14 400 *b				44.0
46.0	54.9	118.3	9 200 *	59.8	121.2	13 900 *b				46.0
48.0	52.9	116.7	8 700 *	57.9	119.9	13 300 *b				48.0
50.0	50.8	115.1	8 200 *	56.0	118.6	12 400 *b				50.0
52.0	48.6	113.4	7 700 *	54.0	117.2	11 400 *	61.7	120.7	13 300 *b	52.0
54.0	46.4	111.5	7 300 *	51.9	115.6	10 400 *	59.8	119.6	12 900 *b	54.0
56.0	44.1	109.4	6 800 *	49.8	113.9	9 500 *	57.9	118.3	12 200 *b	56.0
58.0	41.7	107.2	6 400 *	47.6	112.1	8 800 *	56.0	117.0	11 400 *b	58.0
60.0	39.1	104.8	6 100 *	45.4	110.1	8 000 *	54.0	115.5	10 600 *	60.0
62.0	36.4	102.1	5 700 *	43.0	108.0	7 400 *	51.9	114.0	9 900 *	62.0
64.0	33.5	99.2	5 300 *	40.5	105.7	6 800 *	49.8	112.3	9 300 *	64.0
66.0	30.4	95.9	4 900 *	37.9	103.2	6 200 *	47.6	110.5	8 700 *	66.0
68.0	26.9	92.1	4 400 *	35.1	100.4	5 600 *	45.4	108.5	8 100 *	68.0
72.0	18.1	82.0	3 600 *	28.9	93.8	4 700 *	40.5	104.1	6 800 *	72.0
76.0				20.9	84.8	3 800 *	35.2	98.8	5 700 *	76.0
80.0							28.9	92.2	4 700 *	80.0
84.0							20.9	83.2	3 800 *	84.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
24.4	75.4	132.2	13 600 *c							24.4
26.0	74.1	131.7	13 500 *c							26.0
28.0	72.5	131.1	13 300 *c							28.0
30.0	70.9	130.4	12 900 *c							30.0
32.0	69.2	129.6	12 400 *b							32.0
34.0	67.5	128.8	11 900 *b							34.0
36.0	65.8	127.9	11 400 *b	70.1	129.6	13 600 *c				36.0
38.0	64.1	126.9	10 900 *b	68.4	128.8	13 600 *b				38.0
40.0	62.3	125.9	10 400 *b	66.7	127.9	13 600 *b				40.0
42.0	60.6	124.7	9 900 *b	65.0	127.0	13 600 *b				42.0
44.0	58.7	123.5	9 400 *b	63.3	126.0	13 400 *b				44.0
46.0	56.9	122.2	8 900 *b	61.5	124.9	13 000 *b				46.0
48.0	55.0	120.8	8 400 *b	59.7	123.8	12 600 *b				48.0
50.0	53.1	119.3	8 000 *	57.9	122.5	12 200 *b				50.0
52.0	51.1	117.7	7 500 *	56.0	121.2	11 700 *b				52.0
54.0	49.0	116.0	7 100 *	54.1	119.7	10 900 *	61.5	123.3	12 600 *b	54.0
56.0	46.9	114.1	6 700 *	52.2	118.2	9 900 *	59.7	122.2	12 200 *b	56.0
58.0	44.7	112.1	6 300 *	50.1	116.5	9 100 *	57.9	120.9	11 800 *b	58.0
60.0	42.4	110.0	5 900 *	48.1	114.7	8 300 *	56.0	119.6	11 100 *b	60.0
62.0	40.0	107.6	5 600 *	45.9	112.8	7 500 *	54.1	118.1	10 300 *	62.0
64.0	37.5	105.1	5 300 *	43.7	110.7	6 800 *	52.2	116.6	9 600 *	64.0
66.0	34.8	102.2	4 900 *	41.3	108.5	6 300 *	50.2	114.9	9 000 *	66.0
68.0	31.9	99.1	4 400 *	38.9	106.1	5 700 *	48.1	113.1	8 300 *	68.0
72.0	25.2	91.5	3 500 *	33.5	100.4	4 700 *	43.7	109.1	6 900 *	72.0
76.0	16.1	80.4	2 600 *	27.2	93.4	3 800 *	38.9	104.5	5 700 *	76.0
80.0				19.0	83.6	2 900 *	33.5	98.8	4 700 *	80.0
84.0							27.2	91.8	3 800 *	84.0
88.0							19.1	82.0	3 000 *	88.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
24.4	74.9	125.6	16 400 * ^b							24.4
26.0	73.5	125.1	15 900 *							26.0
28.0	71.7	124.4	15 400 *							28.0
30.0	69.8	123.6	14 800 *							30.0
32.0	68.0	122.8	14 100 *							32.0
34.0	66.1	121.8	13 500 *							34.0
36.0	64.2	120.8	12 900 *	69.0	122.8	17 300 *				36.0
38.0	62.3	119.7	12 200 *	67.2	121.9	16 800 *				38.0
40.0	60.3	118.5	11 600 *	65.3	120.9	16 200 *				40.0
42.0	58.3	117.2	11 000 *	63.4	119.9	15 700 *				42.0
44.0	56.2	115.8	10 400 *	61.4	118.7	15 200 *				44.0
46.0	54.1	114.3	9 800 *	59.4	117.5	14 700 *				46.0
48.0	51.9	112.7	9 200 *	57.4	116.2	14 200 *				48.0
50.0	49.7	111.0	8 700 *	55.3	114.7	13 500 *				50.0
52.0	47.4	109.1	8 200 *	53.1	113.2	12 500 *	61.4	117.1	14 500 *	52.0
54.0	44.9	107.0	7 700 *	50.9	111.5	11 500 *	59.4	115.9	14 000 *	54.0
56.0	42.4	104.8	7 300 *	48.6	109.7	10 600 *	57.4	114.6	13 300 *	56.0
58.0	39.7	102.3	6 900 *	46.3	107.7	9 800 *	55.3	113.1	12 400 *	58.0
60.0	36.8	99.5	6 500 *	43.8	105.6	9 100 *	53.2	111.6	11 700 *	60.0
62.0	33.7	96.5	6 100 *	41.2	103.2	8 400 *	51.0	109.9	11 000 *	62.0
64.0	30.3	93.0	5 800 *	38.4	100.6	7 800 *	48.7	108.1	10 300 *	64.0
66.0	26.5	89.0	5 400 *	35.4	97.8	7 200 *	46.3	106.1	9 700 *	66.0
68.0	22.0	84.1	5 100 *	32.2	94.5	6 600 *	43.8	104.0	9 100 *	68.0
72.0				24.6	86.5	5 600 *	38.4	99.0	7 800 *	72.0
76.0				12.7	73.0	4 600 *	32.2	93.0	6 600 *	76.0
80.0							24.6	84.9	5 700 *	80.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
24.4	75.6	128.8	15 300 * ^b							24.4
26.0	74.2	128.3	14 900 *							26.0
28.0	72.5	127.6	14 500 *							28.0
30.0	70.8	126.9	13 900 *							30.0
32.0	69.0	126.1	13 400 *							32.0
34.0	67.2	125.2	12 800 *							34.0
36.0	65.4	124.2	12 300 *	70.0	126.1	16 200 *				36.0
38.0	63.6	123.2	11 700 *	68.2	125.2	15 800 *				38.0
40.0	61.7	122.1	11 100 *	66.4	124.3	15 500 *				40.0
42.0	59.9	120.9	10 600 *	64.6	123.3	15 100 *				42.0
44.0	57.9	119.6	10 000 *	62.8	122.3	14 600 *				44.0
46.0	55.9	118.2	9 500 *	60.9	121.1	14 100 *				46.0
48.0	53.9	116.6	9 000 *	59.0	119.8	13 600 *				48.0
50.0	51.8	115.0	8 500 *	57.0	118.5	13 000 *				50.0
52.0	49.7	113.3	8 000 *	55.0	117.0	12 300 *	62.8	120.6	13 900 *	52.0
54.0	47.4	111.4	7 500 *	53.0	115.5	11 300 *	60.9	119.5	13 400 *	54.0
56.0	45.1	109.3	7 100 *	50.9	113.8	10 400 *	59.0	118.2	12 900 *	56.0
58.0	42.7	107.1	6 700 *	48.7	112.0	9 600 *	57.0	116.9	12 200 *	58.0
60.0	40.1	104.7	6 300 *	46.4	110.0	8 900 *	55.0	115.4	11 400 *	60.0
62.0	37.4	102.0	6 000 *	44.0	107.9	8 200 *	53.0	113.9	10 800 *	62.0
64.0	34.5	99.0	5 600 *	41.5	105.6	7 600 *	50.9	112.2	10 100 *	64.0
66.0	31.4	95.7	5 300 *	38.9	103.1	7 000 *	48.7	110.4	9 500 *	66.0
68.0	27.9	91.9	5 000 *	36.1	100.3	6 400 *	46.4	108.4	8 900 *	68.0
72.0	19.0	81.7	4 300 *	29.8	93.6	5 400 *	41.6	104.0	7 500 *	72.0
76.0				21.8	84.6	4 600 *	36.2	98.7	6 400 *	76.0
80.0							29.9	92.0	5 500 *	80.0
84.0							21.9	83.0	4 600 *	84.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
25.9	74.9	131.5	13 900 *b							25.9
26.0	74.9	131.5	13 900 *b							26.0
28.0	73.2	130.8	13 500 *							28.0
30.0	71.6	130.1	13 000 *							30.0
32.0	69.9	129.4	12 600 *							32.0
34.0	68.2	128.5	12 100 *							34.0
36.0	66.5	127.6	11 600 *							36.0
38.0	64.8	126.6	11 100 *	69.2	128.6	14 700 *				38.0
40.0	63.0	125.6	10 600 *	67.5	127.7	14 500 *				40.0
42.0	61.2	124.4	10 100 *	65.7	126.7	14 100 *				42.0
44.0	59.4	123.2	9 600 *	64.0	125.7	13 700 *				44.0
46.0	57.6	121.9	9 100 *	62.2	124.6	13 300 *				46.0
48.0	55.7	120.5	8 600 *	60.4	123.4	12 900 *				48.0
50.0	53.7	118.9	8 100 *	58.6	122.2	12 400 *				50.0
52.0	51.7	117.3	7 700 *	56.7	120.8	11 900 *				52.0
54.0	49.6	115.6	7 300 *	54.8	119.4	11 000 *	62.2	123.0	12 800 *	54.0
56.0	47.5	113.7	6 900 *	52.8	117.8	10 100 *	60.4	121.8	12 400 *	56.0
58.0	45.3	111.6	6 500 *	50.8	116.1	9 300 *	58.6	120.6	11 900 *	58.0
60.0	43.0	109.4	6 100 *	48.7	114.3	8 600 *	56.7	119.2	11 100 *	60.0
62.0	40.5	107.1	5 800 *	46.5	112.3	7 900 *	54.8	117.8	10 400 *	62.0
64.0	38.0	104.4	5 400 *	44.2	110.2	7 300 *	52.8	116.2	9 800 *	64.0
66.0	35.3	101.6	5 100 *	41.9	108.0	6 700 *	50.8	114.5	9 100 *	66.0
68.0	32.3	98.3	4 800 *	39.4	105.5	6 100 *	48.7	112.7	8 600 *	68.0
72.0	25.5	90.5	4 100 *	34.0	99.7	5 200 *	44.3	108.6	7 300 *	72.0
76.0	15.8	78.7	3 200 *	27.5	92.4	4 300 *	39.4	103.9	6 200 *	76.0
80.0				19.0	82.2	3 500 *	34.0	98.1	5 200 *	80.0
84.0							27.5	90.9	4 300 *	84.0
88.0							19.0	80.6	3 600 *	88.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
25.9	75.8	134.8	13 000 *b							25.9
26.0	75.8	134.8	13 000 *b							26.0
28.0	74.2	134.2	12 600 *							28.0
30.0	72.6	133.5	12 200 *							30.0
32.0	71.0	132.8	11 800 *							32.0
34.0	69.4	132.0	11 400 *							34.0
36.0	67.8	131.1	11 000 *							36.0
38.0	66.2	130.2	10 500 *							38.0
40.0	64.5	129.2	10 100 *	68.7	131.2	13 500 *				40.0
42.0	62.8	128.1	9 600 *	67.1	130.3	13 200 *				42.0
44.0	61.1	127.0	9 200 *	65.4	129.3	12 900 *				44.0
46.0	59.3	125.8	8 700 *	63.7	128.3	12 600 *				46.0
48.0	57.6	124.4	8 300 *	62.0	127.2	12 200 *				48.0
50.0	55.7	123.0	7 900 *	60.3	126.0	11 800 *				50.0
52.0	53.9	121.5	7 400 *	58.5	124.7	11 300 *				52.0
54.0	51.9	119.9	7 000 *	56.7	123.4	10 800 *				54.0
56.0	50.0	118.2	6 700 *	54.9	121.9	9 900 *	62.1	125.6	11 800 *	56.0
58.0	47.9	116.3	6 300 *	53.0	120.4	9 000 *	60.3	124.4	11 400 *	58.0
60.0	45.8	114.3	6 000 *	51.1	118.7	8 300 *	58.5	123.1	10 800 *	60.0
62.0	43.6	112.2	5 600 *	49.1	116.9	7 600 *	56.7	121.8	10 100 *	62.0
64.0	41.3	109.9	5 300 *	47.0	115.0	7 000 *	54.9	120.3	9 400 *	64.0
66.0	38.9	107.3	5 000 *	44.8	112.9	6 400 *	53.0	118.8	8 800 *	66.0
68.0	36.4	104.6	4 700 *	42.6	110.7	5 900 *	51.1	117.1	8 200 *	68.0
72.0	30.7	98.1	3 800 *	37.8	105.7	4 900 *	47.0	113.4	7 000 *	72.0
76.0	23.8	89.7	3 100 *	32.4	99.6	4 100 *	42.6	109.1	5 900 *	76.0
80.0				25.8	91.8	3 300 *	37.8	104.1	4 900 *	80.0
84.0				16.9	80.6	2 600 *	32.4	98.0	4 000 *	84.0
88.0							25.9	90.2	3 300 *	88.0
92.0							17.0	79.0	2 600 *	92.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
27.4	75.3	137.5	11 800 *b							27.4
28.0	74.8	137.4	11 700 *b							28.0
30.0	73.3	136.7	11 400 *							30.0
32.0	71.8	136.0	11 000 *							32.0
34.0	70.3	135.3	10 700 *							34.0
36.0	68.7	134.5	10 300 *							36.0
38.0	67.2	133.6	9 900 *							38.0
40.0	65.6	132.6	9 500 *	69.6	134.5	12 400 *				40.0
42.0	64.0	131.6	9 100 *	68.0	133.6	12 200 *				42.0
44.0	62.3	130.5	8 700 *	66.4	132.7	11 900 *				44.0
46.0	60.7	129.3	8 300 *	64.8	131.7	11 700 *				46.0
48.0	59.0	128.1	8 000 *	63.2	130.7	11 400 *				48.0
50.0	57.2	126.8	7 600 *	61.6	129.6	11 100 *				50.0
52.0	55.5	125.4	7 200 *	59.9	128.4	10 800 *				52.0
54.0	53.7	123.8	6 800 *	58.2	127.1	10 300 *				54.0
56.0	51.8	122.2	6 500 *	56.4	125.7	10 000 *				56.0
58.0	49.9	120.5	6 100 *	54.7	124.2	9 400 *	61.6	128.0	11 200 *	58.0
60.0	48.0	118.6	5 800 *	52.8	122.7	8 600 *	59.9	126.8	10 800 *	60.0
62.0	46.0	116.7	5 500 *	51.0	121.0	7 800 *	58.2	125.5	10 400 *	62.0
64.0	43.9	114.5	5 200 *	49.1	119.2	7 200 *	56.5	124.1	9 800 *	64.0
66.0	41.7	112.2	4 900 *	47.1	117.3	6 500 *	54.7	122.6	9 100 *	66.0
68.0	39.4	109.7	4 600 *	45.0	115.3	6 000 *	52.9	121.1	8 500 *	68.0
72.0	34.4	104.1	3 800 *	40.6	110.7	4 900 *	49.1	117.6	7 200 *	72.0
76.0	28.6	97.1	3 000 *	35.8	105.3	4 000 *	45.0	113.7	6 000 *	76.0
80.0	21.3	87.7	2 300 *	30.3	98.7	3 200 *	40.7	109.1	4 900 *	80.0
84.0				23.5	90.2	2 500 *	35.8	103.7	4 000 *	84.0
88.0							30.3	97.1	3 200 *	88.0
92.0							23.6	88.6	2 500 *	92.0
96.0							13.7	75.4	1 800 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
25.9	75.6	131.5	13 800 *							25.9
26.0	75.6	131.5	13 800 *							26.0
28.0	73.9	130.8	13 400 *							28.0
30.0	72.3	130.1	13 000 *							30.0
32.0	70.6	129.3	12 600 *							32.0
34.0	68.9	128.5	12 100 *							34.0
36.0	67.2	127.6	11 700 *							36.0
38.0	65.5	126.6	11 200 *							38.0
40.0	63.7	125.5	10 700 *	68.1	127.7	13 400 *				40.0
42.0	61.9	124.4	10 200 *	66.4	126.7	13 000 *				42.0
44.0	60.1	123.2	9 700 *	64.7	125.7	12 500 *				44.0
46.0	58.2	121.8	9 300 *	62.9	124.6	12 100 *				46.0
48.0	56.3	120.4	8 800 *	61.1	123.4	11 700 *				48.0
50.0	54.4	118.9	8 400 *	59.3	122.1	11 300 *				50.0
52.0	52.4	117.3	7 900 *	57.4	120.8	11 000 *				52.0
54.0	50.3	115.5	7 500 *	55.5	119.3	10 700 *				54.0
56.0	48.2	113.6	7 100 *	53.5	117.8	10 300 *	61.1	121.8	11 600 *	56.0
58.0	46.0	111.6	6 700 *	51.4	116.1	10 000 *	59.3	120.5	11 300 *	58.0
60.0	43.6	109.4	6 400 *	49.3	114.3	9 200 *	57.4	119.2	11 000 *	60.0
62.0	41.2	107.0	6 000 *	47.2	112.3	8 500 *	55.5	117.7	10 700 *	62.0
64.0	38.6	104.4	5 700 *	44.9	110.2	7 900 *	53.5	116.1	10 300 *	64.0
66.0	35.9	101.5	5 400 *	42.6	107.9	7 300 *	51.5	114.5	9 700 *	66.0
68.0	33.0	98.3	5 100 *	40.1	105.4	6 800 *	49.4	112.7	9 200 *	68.0
72.0	26.1	90.4	4 600 *	34.6	99.6	5 800 *	44.9	108.6	8 000 *	72.0
76.0	16.4	78.6	3 700 *	28.2	92.4	4 900 *	40.1	103.8	6 800 *	76.0
80.0				19.6	82.1	4 200 *	34.6	98.1	5 800 *	80.0
84.0							28.2	90.8	4 900 *	84.0
88.0							19.6	80.5	4 200 *	88.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
27.4	75.3	134.3	12 700 *							27.4
28.0	74.9	134.1	12 600 *							28.0
30.0	73.3	133.5	12 200 *							30.0
32.0	71.7	132.7	11 900 *							32.0
34.0	70.1	132.0	11 500 *							34.0
36.0	68.5	131.1	11 000 *							36.0
38.0	66.8	130.2	10 600 *							38.0
40.0	65.2	129.2	10 200 *	69.4	131.1	12 900 *				40.0
42.0	63.5	128.1	9 800 *	67.7	130.3	12 500 *				42.0
44.0	61.7	127.0	9 300 *	66.1	129.3	12 100 *				44.0
46.0	60.0	125.7	8 900 *	64.4	128.3	11 700 *				46.0
48.0	58.2	124.4	8 500 *	62.7	127.2	11 300 *				48.0
50.0	56.4	123.0	8 100 *	61.0	126.0	11 000 *				50.0
52.0	54.5	121.5	7 700 *	59.2	124.7	10 600 *				52.0
54.0	52.6	119.9	7 300 *	57.4	123.3	10 300 *				54.0
56.0	50.6	118.1	6 900 *	55.5	121.9	10 100 *				56.0
58.0	48.6	116.3	6 600 *	53.6	120.3	9 800 *	61.0	124.4	10 900 *	58.0
60.0	46.5	114.3	6 200 *	51.7	118.7	9 000 *	59.2	123.1	10 600 *	60.0
62.0	44.3	112.1	5 900 *	49.7	116.9	8 300 *	57.4	121.7	10 300 *	62.0
64.0	42.0	109.8	5 500 *	47.6	115.0	7 700 *	55.5	120.3	10 000 *	64.0
66.0	39.6	107.3	5 200 *	45.5	112.9	7 100 *	53.7	118.7	9 500 *	66.0
68.0	37.0	104.5	5 000 *	43.2	110.7	6 600 *	51.7	117.1	8 900 *	68.0
72.0	31.3	98.0	4 400 *	38.4	105.6	5 600 *	47.6	113.4	7 700 *	72.0
76.0	24.4	89.6	3 800 *	33.0	99.5	4 700 *	43.3	109.1	6 600 *	76.0
80.0	13.9	76.3	2 600 *	26.5	91.7	3 900 *	38.5	104.0	5 600 *	80.0
84.0				17.5	80.5	3 200 *	33.0	97.9	4 700 *	84.0
88.0							26.5	90.2	4 000 *	88.0
92.0							17.5	78.9	3 300 *	92.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
27.4	75.9	137.5	11 800 *							27.4
28.0	75.5	137.3	11 700 *							28.0
30.0	74.0	136.7	11 400 *							30.0
32.0	72.4	136.0	11 100 *							32.0
34.0	70.9	135.2	10 800 *							34.0
36.0	69.4	134.4	10 400 *							36.0
38.0	67.8	133.5	10 000 *							38.0
40.0	66.2	132.6	9 700 *	70.2	134.4	12 500 *				40.0
42.0	64.6	131.6	9 300 *	68.6	133.6	12 300 *				42.0
44.0	62.9	130.5	8 900 *	67.1	132.7	12 100 *				44.0
46.0	61.3	129.3	8 500 *	65.5	131.7	11 700 *				46.0
48.0	59.6	128.1	8 100 *	63.8	130.6	11 400 *				48.0
50.0	57.9	126.7	7 800 *	62.2	129.5	11 000 *				50.0
52.0	56.1	125.3	7 400 *	60.5	128.3	10 700 *				52.0
54.0	54.3	123.8	7 000 *	58.8	127.0	10 400 *				54.0
56.0	52.4	122.2	6 700 *	57.1	125.7	10 100 *				56.0
58.0	50.5	120.4	6 300 *	55.3	124.2	9 800 *	62.2	127.9	10 900 *	58.0
60.0	48.6	118.6	6 000 *	53.5	122.6	9 300 *	60.5	126.7	10 600 *	60.0
62.0	46.6	116.6	5 700 *	51.6	121.0	8 600 *	58.8	125.4	10 300 *	62.0
64.0	44.5	114.5	5 400 *	49.7	119.2	7 900 *	57.1	124.1	10 100 *	64.0
66.0	42.3	112.2	5 100 *	47.7	117.3	7 200 *	55.3	122.6	9 800 *	66.0
68.0	40.0	109.7	4 800 *	45.6	115.2	6 700 *	53.5	121.0	9 200 *	68.0
72.0	35.0	104.0	4 400 *	41.3	110.6	5 600 *	49.7	117.6	7 900 *	72.0
76.0	29.2	97.0	3 700 *	36.4	105.2	4 700 *	45.6	113.6	6 700 *	76.0
80.0	21.9	87.6	3 000 *	30.9	98.6	3 900 *	41.3	109.0	5 600 *	80.0
84.0				24.1	90.1	3 100 *	36.4	103.6	4 700 *	84.0
88.0				14.1	76.8	2 400 *	30.9	97.0	3 900 *	88.0
92.0							24.1	88.5	3 200 *	92.0
96.0							14.2	75.3	2 500 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	75.3	140.2	10 800 *							29.0
30.0	74.6	139.9	10 700 *							30.0
32.0	73.1	139.2	10 400 *							32.0
34.0	71.6	138.5	10 100 *							34.0
36.0	70.2	137.7	9 800 *							36.0
38.0	68.7	136.9	9 500 *							38.0
40.0	67.1	136.0	9 100 *							40.0
42.0	65.6	135.0	8 800 *	69.5	136.9	11 400 *				42.0
44.0	64.0	134.0	8 500 *	68.0	136.0	11 300 *				44.0
46.0	62.5	132.8	8 100 *	66.4	135.1	11 100 *				46.0
48.0	60.8	131.7	7 800 *	64.9	134.1	10 800 *				48.0
50.0	59.2	130.4	7 400 *	63.3	133.0	10 600 *				50.0
52.0	57.5	129.1	7 100 *	61.7	131.9	10 300 *				52.0
54.0	55.8	127.6	6 700 *	60.1	130.7	10 000 *				54.0
56.0	54.1	126.1	6 400 *	58.5	129.4	9 700 *				56.0
58.0	52.3	124.5	6 100 *	56.8	128.0	9 400 *				58.0
60.0	50.5	122.7	5 800 *	55.1	126.5	9 000 *	61.7	130.3	10 200 *	60.0
62.0	48.6	120.9	5 500 *	53.3	124.9	8 300 *	60.1	129.1	10 000 *	62.0
64.0	46.7	118.9	5 200 *	51.5	123.3	7 600 *	58.5	127.8	9 700 *	64.0
66.0	44.6	116.8	5 000 *	49.6	121.5	7 000 *	56.8	126.4	9 500 *	66.0
68.0	42.6	114.5	4 700 *	47.7	119.6	6 400 *	55.1	124.9	8 900 *	68.0
72.0	38.1	109.4	4 200 *	43.7	115.4	5 300 *	51.5	121.7	7 600 *	72.0
76.0	33.0	103.3	3 400 *	39.3	110.5	4 400 *	47.7	118.0	6 400 *	76.0
80.0	27.1	95.7	2 700 *	34.5	104.7	3 600 *	43.7	113.8	5 300 *	80.0
84.0				28.8	97.5	2 900 *	39.3	108.9	4 400 *	84.0
88.0				21.7	88.1	2 200 *	34.5	103.1	3 600 *	88.0
92.0							28.8	96.0	2 900 *	92.0
96.0							21.7	86.5	2 300 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	75.9	143.4	10 100 *							29.0
30.0	75.1	143.1	9 900 *							30.0
32.0	73.7	142.4	9 700 *							32.0
34.0	72.3	141.7	9 400 *							34.0
36.0	70.9	141.0	9 200 *							36.0
38.0	69.5	140.2	8 900 *							38.0
40.0	68.0	139.3	8 600 *							40.0
42.0	66.5	138.4	8 300 *	70.2	140.2	10 600 *				42.0
44.0	65.0	137.4	8 000 *	68.8	139.4	10 400 *				44.0
46.0	63.5	136.3	7 700 *	67.3	138.5	10 300 *				46.0
48.0	62.0	135.2	7 400 *	65.9	137.5	10 100 *				48.0
50.0	60.4	134.0	7 000 *	64.4	136.5	9 900 *				50.0
52.0	58.9	132.7	6 700 *	62.8	135.4	9 600 *				52.0
54.0	57.2	131.4	6 400 *	61.3	134.2	9 400 *				54.0
56.0	55.6	129.9	6 100 *	59.7	133.0	9 100 *				56.0
58.0	53.9	128.4	5 800 *	58.1	131.7	8 900 *				58.0
60.0	52.2	126.8	5 500 *	56.5	130.3	8 600 *				60.0
62.0	50.4	125.0	5 300 *	54.8	128.8	8 000 *	61.3	132.6	9 600 *	62.0
64.0	48.6	123.2	5 000 *	53.1	127.2	7 300 *	59.7	131.4	9 500 *	64.0
66.0	46.8	121.2	4 700 *	51.4	125.6	6 700 *	58.1	130.1	9 100 *	66.0
68.0	44.8	119.1	4 500 *	49.6	123.8	6 100 *	56.5	128.7	8 500 *	68.0
72.0	40.7	114.5	3 900 *	45.9	119.9	5 100 *	53.2	125.6	7 400 *	72.0
76.0	36.2	109.0	3 100 *	41.9	115.4	4 200 *	49.6	122.2	6 100 *	76.0
80.0	31.1	102.4	2 400 *	37.5	110.1	3 300 *	45.9	118.3	5 100 *	80.0
84.0				32.6	103.9	2 600 *	41.9	113.8	4 200 *	84.0
88.0				26.8	96.2	2 000 *	37.5	108.5	3 300 *	88.0
92.0							32.6	102.3	2 600 *	92.0
96.0							26.8	94.6	2 000 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	75.0	137.1	11 300 *							29.0
30.0	74.2	136.7	11 200 *							30.0
32.0	72.7	136.0	10 900 *							32.0
34.0	71.2	135.3	10 600 *							34.0
36.0	69.6	134.4	10 300 *							36.0
38.0	68.0	133.6	9 900 *							38.0
40.0	66.5	132.6	9 600 *	70.5	134.5	10 900 *				40.0
42.0	64.8	131.6	9 300 *	68.9	133.6	10 700 *				42.0
44.0	63.2	130.5	8 900 *	67.3	132.7	10 500 *				44.0
46.0	61.5	129.3	8 600 *	65.7	131.7	10 200 *				46.0
48.0	59.8	128.1	8 200 *	64.1	130.7	10 000 *				48.0
50.0	58.1	126.8	7 800 *	62.5	129.5	9 800 *				50.0
52.0	56.4	125.3	7 500 *	60.8	128.3	9 500 *				52.0
54.0	54.6	123.8	7 200 *	59.1	127.1	9 300 *				54.0
56.0	52.7	122.2	6 800 *	57.3	125.7	9 000 *				56.0
58.0	50.8	120.5	6 500 *	55.6	124.2	8 700 *	62.5	127.9	9 300 *	58.0
60.0	48.9	118.6	6 200 *	53.7	122.7	8 500 *	60.8	126.7	9 200 *	60.0
62.0	46.8	116.6	5 900 *	51.9	121.0	8 200 *	59.1	125.5	9 000 *	62.0
64.0	44.7	114.5	5 600 *	49.9	119.2	8 000 *	57.3	124.1	8 800 *	64.0
66.0	42.5	112.2	5 300 *	48.0	117.3	7 700 *	55.6	122.6	8 700 *	66.0
68.0	40.3	109.7	5 000 *	45.9	115.3	7 300 *	53.7	121.1	8 500 *	68.0
72.0	35.3	104.0	4 600 *	41.5	110.7	6 200 *	50.0	117.6	8 000 *	72.0
76.0	29.5	97.0	4 100 *	36.7	105.3	5 300 *	45.9	113.6	7 300 *	76.0
80.0	22.2	87.7	3 500 *	31.2	98.7	4 500 *	41.5	109.1	6 200 *	80.0
84.0				24.4	90.2	3 700 *	36.7	103.7	5 300 *	84.0
88.0				14.5	76.9	3 000 *	31.2	97.1	4 500 *	88.0
92.0							24.4	88.6	3 800 *	92.0
96.0							14.5	75.4	3 100 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	75.6	140.2	10 700 *							29.0
30.0	74.8	139.9	10 500 *							30.0
32.0	73.4	139.2	10 300 *							32.0
34.0	71.9	138.5	10 000 *							34.0
36.0	70.4	137.7	9 700 *							36.0
38.0	68.9	136.9	9 400 *							38.0
40.0	67.4	136.0	9 100 *							40.0
42.0	65.8	135.0	8 800 *	69.7	136.9	10 600 *				42.0
44.0	64.3	134.0	8 500 *	68.2	136.1	10 400 *				44.0
46.0	62.7	132.9	8 200 *	66.7	135.1	10 100 *				46.0
48.0	61.1	131.7	7 900 *	65.1	134.1	9 900 *				48.0
50.0	59.5	130.4	7 500 *	63.6	133.0	9 600 *				50.0
52.0	57.8	129.1	7 200 *	62.0	131.9	9 300 *				52.0
54.0	56.1	127.6	6 900 *	60.4	130.7	9 000 *				54.0
56.0	54.4	126.1	6 600 *	58.7	129.4	8 700 *				56.0
58.0	52.6	124.5	6 300 *	57.0	128.0	8 400 *				58.0
60.0	50.7	122.8	6 000 *	55.3	126.5	8 200 *	62.0	130.3	8 900 *	60.0
62.0	48.9	120.9	5 700 *	53.6	125.0	7 900 *	60.4	129.1	8 800 *	62.0
64.0	46.9	118.9	5 400 *	51.8	123.3	7 700 *	58.7	127.8	8 600 *	64.0
66.0	44.9	116.8	5 200 *	49.9	121.5	7 500 *	57.0	126.4	8 400 *	66.0
68.0	42.8	114.6	4 900 *	48.0	119.6	7 000 *	55.3	124.9	8 200 *	68.0
72.0	38.3	109.4	4 400 *	44.0	115.4	6 000 *	51.8	121.7	7 700 *	72.0
76.0	33.3	103.3	4 000 *	39.6	110.5	5 100 *	48.0	118.0	7 100 *	76.0
80.0	27.3	95.7	3 300 *	34.7	104.7	4 300 *	44.0	113.8	6 000 *	80.0
84.0	19.6	85.3	2 700 *	29.1	97.6	3 500 *	39.6	108.9	5 100 *	84.0
88.0				22.0	88.2	2 900 *	34.7	103.1	4 300 *	88.0
92.0							29.1	96.0	3 500 *	92.0
96.0							22.0	86.6	2 900 *	96.0
100.0							10.3	70.1	2 200 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	75.0	143.0	9 800 *							30.5
32.0	74.0	142.5	9 600 *							32.0
34.0	72.6	141.8	9 400 *							34.0
36.0	71.1	141.0	9 100 *							36.0
38.0	69.7	140.2	8 900 *							38.0
40.0	68.2	139.3	8 600 *							40.0
42.0	66.8	138.4	8 300 *							42.0
44.0	65.3	137.4	8 100 *	69.0	139.4	10 000 *				44.0
46.0	63.8	136.4	7 800 *	67.6	138.5	9 900 *				46.0
48.0	62.2	135.2	7 500 *	66.1	137.5	9 600 *				48.0
50.0	60.7	134.0	7 200 *	64.6	136.5	9 300 *				50.0
52.0	59.1	132.8	6 900 *	63.1	135.4	9 000 *				52.0
54.0	57.5	131.4	6 600 *	61.5	134.3	8 700 *				54.0
56.0	55.8	130.0	6 300 *	60.0	133.0	8 400 *				56.0
58.0	54.2	128.4	6 000 *	58.4	131.7	8 200 *				58.0
60.0	52.4	126.8	5 700 *	56.8	130.3	8 000 *				60.0
62.0	50.7	125.1	5 500 *	55.1	128.8	7 700 *	61.6	132.6	8 500 *	62.0
64.0	48.9	123.2	5 200 *	53.4	127.3	7 500 *	60.0	131.4	8 300 *	64.0
66.0	47.0	121.3	5 000 *	51.7	125.6	7 300 *	58.4	130.1	8 200 *	66.0
68.0	45.1	119.2	4 700 *	49.9	123.8	6 800 *	56.8	128.7	7 900 *	68.0
72.0	41.0	114.5	4 300 *	46.1	119.9	5 700 *	53.4	125.7	7 500 *	72.0
76.0	36.4	109.0	3 700 *	42.1	115.4	4 800 *	49.9	122.2	6 800 *	76.0
80.0	31.3	102.5	3 100 *	37.7	110.2	4 000 *	46.1	118.3	5 700 *	80.0
84.0	25.2	94.2	2 400 *	32.8	104.0	3 200 *	42.1	113.8	4 800 *	84.0
88.0				27.0	96.3	2 600 *	37.7	108.6	4 000 *	88.0
92.0				19.5	85.8	2 000 *	32.8	102.4	3 300 *	92.0
96.0							27.0	94.7	2 600 *	96.0
100.0							19.5	84.2	2 000 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	75.6	146.1	9 200 *							30.5
32.0	74.5	145.7	9 000 *							32.0
34.0	73.2	145.0	8 800 *							34.0
36.0	71.8	144.3	8 600 *							36.0
38.0	70.4	143.5	8 400 *							38.0
40.0	69.0	142.7	8 100 *							40.0
42.0	67.6	141.8	7 900 *							42.0
44.0	66.2	140.8	7 600 *	69.8	142.7	9 600 *				44.0
46.0	64.8	139.8	7 400 *	68.4	141.8	9 500 *				46.0
48.0	63.3	138.7	7 100 *	67.0	140.9	9 300 *				48.0
50.0	61.8	137.6	6 800 *	65.5	139.9	9 000 *				50.0
52.0	60.3	136.4	6 600 *	64.1	138.9	8 700 *				52.0
54.0	58.8	135.1	6 300 *	62.6	137.8	8 400 *				54.0
56.0	57.2	133.7	6 000 *	61.1	136.6	8 200 *				56.0
58.0	55.6	132.3	5 700 *	59.6	135.4	8 000 *				58.0
60.0	54.0	130.7	5 500 *	58.1	134.0	7 700 *				60.0
62.0	52.3	129.1	5 200 *	56.5	132.6	7 500 *				62.0
64.0	50.6	127.4	5 000 *	54.9	131.1	7 300 *	61.1	135.0	8 000 *	64.0
66.0	48.9	125.5	4 800 *	53.2	129.6	7 100 *	59.6	133.8	7 900 *	66.0
68.0	47.1	123.6	4 600 *	51.6	127.9	6 500 *	58.1	132.4	7 700 *	68.0
72.0	43.3	119.2	4 100 *	48.1	124.2	5 400 *	54.9	129.5	7 300 *	72.0
76.0	39.2	114.3	3 500 *	44.3	120.0	4 500 *	51.6	126.3	6 500 *	76.0
80.0	34.6	108.5	2 800 *	40.3	115.3	3 700 *	48.1	122.6	5 400 *	80.0
84.0	29.4	101.4	2 100 *	35.9	109.7	3 000 *	44.4	118.4	4 500 *	84.0
88.0				30.9	103.1	2 300 *	40.3	113.7	3 700 *	88.0
92.0							35.9	108.1	3 000 *	92.0
96.0							30.9	101.5	2 400 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
32.0	75.1	148.9	8 400 *							32.0
34.0	73.8	148.2	8 200 *							34.0
36.0	72.4	147.5	8 000 *							36.0
38.0	71.1	146.8	7 800 *							38.0
40.0	69.8	146.0	7 600 *							40.0
42.0	68.4	145.1	7 400 *							42.0
44.0	67.1	144.2	7 100 *							44.0
46.0	65.7	143.2	6 900 *	69.2	145.2	8 800 *				46.0
48.0	64.3	142.2	6 700 *	67.8	144.3	8 700 *				48.0
50.0	62.8	141.1	6 400 *	66.4	143.3	8 600 *				50.0
52.0	61.4	139.9	6 200 *	65.0	142.3	8 400 *				52.0
54.0	59.9	138.7	5 900 *	63.6	141.3	8 300 *				54.0
56.0	58.5	137.4	5 700 *	62.2	140.1	8 000 *				56.0
58.0	56.9	136.0	5 500 *	60.7	139.0	7 800 *				58.0
60.0	55.4	134.6	5 200 *	59.3	137.7	7 500 *				60.0
62.0	53.8	133.0	5 000 *	57.8	136.4	7 300 *				62.0
64.0	52.2	131.4	4 800 *	56.2	134.9	7 200 *	62.2	138.5	7 600 *	64.0
66.0	50.6	129.7	4 600 *	54.7	133.4	6 800 *	60.8	137.3	7 600 *	66.0
68.0	48.9	127.8	4 300 *	53.1	131.9	6 200 *	59.3	136.1	7 500 *	68.0
72.0	45.3	123.8	3 900 *	49.8	128.4	5 100 *	56.3	133.3	7 100 *	72.0
76.0	41.6	119.2	3 200 *	46.3	124.5	4 200 *	53.1	130.3	6 200 *	76.0
80.0	37.4	114.0	2 500 *	42.6	120.1	3 400 *	49.8	126.8	5 200 *	80.0
84.0				38.6	115.0	2 700 *	46.3	122.9	4 200 *	84.0
88.0				34.2	109.1	2 000 *	42.6	118.5	3 400 *	88.0
92.0							38.6	113.4	2 700 *	92.0
96.0							34.2	107.5	2 100 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	75.0	143.0	9 200 *							30.5
32.0	73.9	142.5	8 900 *							32.0
34.0	72.5	141.8	8 700 *							34.0
36.0	71.1	141.1	8 500 *							36.0
38.0	69.6	140.3	8 300 *							38.0
40.0	68.2	139.4	8 000 *							40.0
42.0	66.7	138.5	7 800 *							42.0
44.0	65.2	137.5	7 500 *	69.0	139.4	7 900 *				44.0
46.0	63.7	136.4	7 300 *	67.5	138.5	7 700 *				46.0
48.0	62.2	135.3	7 100 *	66.1	137.6	7 500 *				48.0
50.0	60.6	134.1	6 900 *	64.6	136.6	7 300 *				50.0
52.0	59.1	132.8	6 700 *	63.0	135.5	7 100 *				52.0
54.0	57.4	131.4	6 500 *	61.5	134.3	6 900 *				54.0
56.0	55.8	130.0	6 300 *	59.9	133.1	6 700 *				56.0
58.0	54.1	128.5	6 000 *	58.3	131.8	6 500 *				58.0
60.0	52.4	126.8	5 800 *	56.7	130.4	6 400 *				60.0
62.0	50.6	125.1	5 500 *	55.0	128.9	6 200 *	61.5	132.7	6 600 *	62.0
64.0	48.8	123.3	5 300 *	53.4	127.3	6 100 *	59.9	131.5	6 400 *	64.0
66.0	47.0	121.3	5 100 *	51.6	125.6	5 900 *	58.3	130.2	6 300 *	66.0
68.0	45.0	119.2	4 800 *	49.8	123.9	5 800 *	56.7	128.8	6 200 *	68.0
72.0	40.9	114.5	4 400 *	46.1	119.9	5 600 *	53.4	125.7	5 900 *	72.0
76.0	36.4	109.1	4 000 *	42.1	115.5	5 300 *	49.8	122.3	5 700 *	76.0
80.0	31.3	102.6	3 600 *	37.7	110.2	4 500 *	46.1	118.3	5 400 *	80.0
84.0	25.2	94.3	3 000 *	32.8	104.1	3 800 *	42.1	113.9	5 200 *	84.0
88.0	16.9	82.5	2 200 *	27.0	96.4	3 100 *	37.7	108.7	4 500 *	88.0
92.0				19.5	85.9	2 500 *	32.8	102.5	3 800 *	92.0
96.0							27.0	94.8	3 100 *	96.0
100.0							19.6	84.3	2 500 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	75.5	146.2	8 800 *							30.5
32.0	74.5	145.7	8 700 *							32.0
34.0	73.1	145.0	8 500 *							34.0
36.0	71.8	144.3	8 300 *							36.0
38.0	70.4	143.5	8 100 *							38.0
40.0	69.0	142.7	7 900 *							40.0
42.0	67.6	141.8	7 700 *							42.0
44.0	66.2	140.9	7 400 *	69.8	142.7	7 800 *				44.0
46.0	64.7	139.9	7 200 *	68.4	141.9	7 600 *				46.0
48.0	63.2	138.8	7 000 *	66.9	141.0	7 500 *				48.0
50.0	61.8	137.6	6 700 *	65.5	140.0	7 300 *				50.0
52.0	60.3	136.4	6 500 *	64.1	138.9	7 000 *				52.0
54.0	58.7	135.1	6 300 *	62.6	137.8	6 800 *				54.0
56.0	57.2	133.8	6 000 *	61.1	136.7	6 700 *				56.0
58.0	55.6	132.3	5 800 *	59.6	135.4	6 500 *				58.0
60.0	54.0	130.8	5 600 *	58.0	134.1	6 300 *				60.0
62.0	52.3	129.1	5 300 *	56.4	132.7	6 200 *				62.0
64.0	50.6	127.4	5 100 *	54.8	131.2	6 000 *	61.1	135.0	6 300 *	64.0
66.0	48.8	125.6	4 900 *	53.2	129.6	5 900 *	59.6	133.8	6 300 *	66.0
68.0	47.0	123.6	4 700 *	51.5	127.9	5 800 *	58.0	132.5	6 200 *	68.0
72.0	43.2	119.3	4 300 *	48.0	124.3	5 500 *	54.9	129.6	5 800 *	72.0
76.0	39.1	114.4	3 900 *	44.3	120.1	5 100 *	51.5	126.3	5 600 *	76.0
80.0	34.6	108.5	3 400 *	40.3	115.3	4 300 *	48.0	122.7	5 400 *	80.0
84.0	29.4	101.5	2 700 *	35.9	109.8	3 500 *	44.3	118.5	5 100 *	84.0
88.0	23.1	92.5	2 200 *	30.9	103.2	2 900 *	40.3	113.7	4 300 *	88.0
92.0				25.0	94.8	2 300 *	35.9	108.2	3 500 *	92.0
96.0				16.9	83.0	1 800 *	30.9	101.6	2 900 *	96.0
100.0							25.0	93.3	2 300 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	76.0	149.4	8 300 *							30.5
32.0	75.0	148.9	8 100 *							32.0
34.0	73.7	148.3	7 900 *							34.0
36.0	72.4	147.6	7 800 *							36.0
38.0	71.1	146.8	7 600 *							38.0
40.0	69.7	146.0	7 400 *							40.0
42.0	68.4	145.2	7 200 *							42.0
44.0	67.0	144.3	7 000 *							44.0
46.0	65.6	143.3	6 800 *	69.1	145.2	7 400 *				46.0
48.0	64.2	142.2	6 600 *	67.8	144.3	7 200 *				48.0
50.0	62.8	141.2	6 400 *	66.4	143.4	7 100 *				50.0
52.0	61.4	140.0	6 200 *	65.0	142.4	6 900 *				52.0
54.0	59.9	138.8	5 900 *	63.6	141.3	6 700 *				54.0
56.0	58.4	137.5	5 700 *	62.2	140.2	6 600 *				56.0
58.0	56.9	136.1	5 500 *	60.7	139.0	6 400 *				58.0
60.0	55.4	134.6	5 300 *	59.2	137.7	6 200 *				60.0
62.0	53.8	133.1	5 100 *	57.7	136.4	6 100 *				62.0
64.0	52.2	131.4	4 900 *	56.2	135.0	6 000 *	62.2	138.6	6 200 *	64.0
66.0	50.5	129.7	4 700 *	54.7	133.5	5 800 *	60.7	137.4	6 100 *	66.0
68.0	48.8	127.9	4 500 *	53.1	131.9	5 700 *	59.2	136.1	6 000 *	68.0
72.0	45.3	123.9	4 100 *	49.8	128.5	5 500 *	56.2	133.4	5 700 *	72.0
76.0	41.5	119.3	3 700 *	46.3	124.6	4 800 *	53.1	130.3	5 500 *	76.0
80.0	37.4	114.0	3 100 *	42.6	120.2	4 000 *	49.8	126.9	5 300 *	80.0
84.0	32.8	107.8	2 500 *	38.6	115.1	3 300 *	46.3	123.0	4 800 *	84.0
88.0	27.5	100.3	1 900 *	34.1	109.2	2 600 *	42.6	118.6	4 000 *	88.0
92.0				29.1	102.1	2 000 *	38.6	113.5	3 300 *	92.0
96.0							34.2	107.6	2 600 *	96.0
100.0							29.1	100.5	2 100 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
32.0	75.5	152.1	7 600 *							32.0
34.0	74.3	151.5	7 400 *							34.0
36.0	73.0	150.8	7 300 *							36.0
38.0	71.7	150.1	7 200 *							38.0
40.0	70.4	149.3	7 000 *							40.0
42.0	69.1	148.5	6 800 *							42.0
44.0	67.8	147.6	6 600 *							44.0
46.0	66.5	146.7	6 500 *	69.8	148.5	7 200 *				46.0
48.0	65.1	145.7	6 300 *	68.5	147.7	7 000 *				48.0
50.0	63.8	144.6	6 100 *	67.2	146.8	6 900 *				50.0
52.0	62.4	143.5	5 900 *	65.9	145.8	6 700 *				52.0
54.0	61.0	142.3	5 600 *	64.5	144.8	6 600 *				54.0
56.0	59.6	141.1	5 500 *	63.1	143.7	6 500 *				56.0
58.0	58.1	139.8	5 200 *	61.7	142.6	6 300 *				58.0
60.0	56.7	138.4	5 100 *	60.3	141.3	6 200 *				60.0
62.0	55.2	136.9	4 800 *	58.9	140.1	6 000 *				62.0
64.0	53.6	135.4	4 700 *	57.5	138.7	5 900 *				64.0
66.0	52.1	133.7	4 500 *	56.0	137.3	5 800 *	61.8	140.9	5 900 *	66.0
68.0	50.5	132.0	4 300 *	54.5	135.8	5 700 *	60.4	139.7	5 800 *	68.0
72.0	47.2	128.2	3 900 *	51.4	132.5	5 400 *	57.5	137.1	5 600 *	72.0
76.0	43.7	124.0	3 500 *	48.1	128.9	4 500 *	54.5	134.2	5 400 *	76.0
80.0	39.9	119.2	2 800 *	44.6	124.8	3 700 *	51.4	130.9	5 300 *	80.0
84.0	35.7	113.6	2 200 *	40.9	120.1	3 000 *	48.1	127.3	4 500 *	84.0
88.0				36.9	114.8	2 400 *	44.6	123.2	3 700 *	88.0
92.0							40.9	118.5	3 000 *	92.0
96.0							36.9	113.2	2 400 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
32.0	76.0	155.3	7 100 *							32.0
34.0	74.8	154.7	7 000 *							34.0
36.0	73.5	154.0	6 800 *							36.0
38.0	72.3	153.3	6 700 *							38.0
40.0	71.1	152.6	6 500 *							40.0
42.0	69.8	151.8	6 400 *							42.0
44.0	68.5	150.9	6 200 *							44.0
46.0	67.3	150.0	6 100 *	70.5	151.8	6 900 *				46.0
48.0	66.0	149.1	5 900 *	69.2	151.0	6 800 *				48.0
50.0	64.6	148.1	5 700 *	68.0	150.1	6 700 *				50.0
52.0	63.3	147.0	5 500 *	66.7	149.2	6 600 *				52.0
54.0	62.0	145.9	5 300 *	65.4	148.2	6 400 *				54.0
56.0	60.6	144.7	5 200 *	64.1	147.2	6 300 *				56.0
58.0	59.2	143.4	5 000 *	62.7	146.1	6 200 *				58.0
60.0	57.8	142.1	4 800 *	61.4	144.9	6 000 *				60.0
62.0	56.4	140.7	4 600 *	60.0	143.7	5 900 *				62.0
64.0	55.0	139.2	4 400 *	58.6	142.4	5 800 *				64.0
66.0	53.5	137.7	4 200 *	57.2	141.0	5 700 *				66.0
68.0	52.0	136.0	4 000 *	55.8	139.6	5 600 *	61.4	143.3	5 600 *	68.0
72.0	48.9	132.5	3 700 *	52.8	136.5	5 100 *	58.6	140.8	5 500 *	72.0
76.0	45.6	128.5	3 200 *	49.7	133.1	4 200 *	55.8	138.0	5 300 *	76.0
80.0	42.0	124.0	2 500 *	46.5	129.2	3 400 *	52.8	134.9	5 100 *	80.0
84.0				43.0	124.9	2 700 *	49.7	131.5	4 200 *	84.0
88.0				39.3	119.9	2 100 *	46.5	127.6	3 400 *	88.0
92.0							43.0	123.3	2 700 *	92.0
96.0							39.3	118.3	2 100 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.2	123.3	19 000 *c							21.3
22.0	74.5	123.1	18 800 *c							22.0
24.0	72.6	122.5	18 000 *c							24.0
26.0	70.6	121.8	17 300 *c							26.0
28.0	68.6	121.0	16 500 *b							28.0
30.0	66.6	120.1	15 700 *b							30.0
32.0	64.5	119.2	14 900 *b	70.0	121.1	20 000 *c				32.0
34.0	62.4	118.2	14 100 *b	68.0	120.3	19 500 *b				34.0
36.0	60.3	117.0	13 300 *b	65.9	119.4	18 900 *b				36.0
38.0	58.1	115.8	12 600 *b	63.9	118.4	18 300 *b				38.0
40.0	55.9	114.4	11 800 *b	61.7	117.3	17 600 *b				40.0
42.0	53.5	113.0	11 100 *	59.6	116.2	16 900 *b				42.0
44.0	51.2	111.4	10 400 *	57.4	114.9	16 100 *b				44.0
46.0	48.7	109.6	9 800 *	55.1	113.5	15 300 *				46.0
48.0	46.1	107.7	9 200 *	52.8	112.0	14 500 *	62.2	115.9	15 600 *b	48.0
50.0	43.4	105.6	8 600 *	50.4	110.4	13 400 *	60.1	114.7	14 900 *b	50.0
52.0	40.6	103.3	8 100 *	47.9	108.6	12 300 *	57.9	113.5	14 300 *b	52.0
54.0	37.6	100.8	7 500 *	45.3	106.6	11 300 *	55.6	112.1	13 600 *b	54.0
56.0	34.4	97.9	7 100 *	42.6	104.5	10 500 *	53.3	110.6	12 700 *	56.0
58.0	30.8	94.7	6 600 *	39.7	102.1	9 700 *	50.9	109.0	11 900 *	58.0
60.0	26.8	90.9	6 200 *	36.6	99.4	8 900 *	48.4	107.3	11 200 *	60.0
62.0	22.2	86.3	5 900 *	33.3	96.5	8 200 *	45.9	105.4	10 500 *	62.0
64.0	16.2	80.2	5 600 *	29.6	93.1	7 600 *	43.2	103.2	9 800 *	64.0
66.0				25.4	89.1	7 000 *	40.3	100.9	9 300 *	66.0
68.0				20.4	84.1	6 500 *	37.3	98.3	8 700 *	68.0
72.0							30.4	92.2	7 700 *	72.0
76.0							21.6	83.6	6 600 *	76.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.9	126.5	17 800 *c							21.3
22.0	75.3	126.3	17 600 *c							22.0
24.0	73.4	125.7	16 900 *c							24.0
26.0	71.6	125.0	16 300 *c							26.0
28.0	69.7	124.3	15 600 *c							28.0
30.0	67.8	123.5	14 900 *b							30.0
32.0	65.8	122.6	14 200 *b	71.0	124.4	18 500 *c				32.0
34.0	63.8	121.6	13 500 *b	69.1	123.6	18 200 *c				34.0
36.0	61.8	120.5	12 800 *b	67.1	122.7	17 700 *b				36.0
38.0	59.8	119.4	12 100 *b	65.2	121.8	17 300 *b				38.0
40.0	57.7	118.1	11 400 *b	63.2	120.8	16 700 *b				40.0
42.0	55.5	116.7	10 700 *	61.2	119.7	16 100 *b				42.0
44.0	53.3	115.3	10 100 *	59.1	118.5	15 400 *b				44.0
46.0	51.1	113.7	9 500 *	57.0	117.2	14 700 *b				46.0
48.0	48.7	111.9	8 900 *	54.8	115.8	14 000 *b				48.0
50.0	46.3	110.0	8 400 *	52.6	114.3	13 200 *	61.6	118.3	14 400 *b	50.0
52.0	43.7	108.0	7 800 *	50.3	112.7	12 100 *	59.6	117.1	13 800 *b	52.0
54.0	41.0	105.7	7 400 *	47.9	110.9	11 200 *	57.5	115.8	13 200 *b	54.0
56.0	38.2	103.2	6 900 *	45.5	108.9	10 300 *	55.3	114.4	12 500 *	56.0
58.0	35.2	100.4	6 500 *	42.9	106.8	9 400 *	53.1	113.0	11 700 *	58.0
60.0	31.9	97.3	6 100 *	40.2	104.5	8 700 *	50.8	111.3	10 900 *	60.0
62.0	28.3	93.7	5 800 *	37.3	101.9	8 000 *	48.5	109.6	10 300 *	62.0
64.0	24.1	89.5	5 400 *	34.2	99.0	7 400 *	46.0	107.7	9 700 *	64.0
66.0	19.1	84.1	5 100 *	30.8	95.7	6 800 *	43.5	105.6	9 000 *	66.0
68.0	12.0	76.5	4 400 *	27.0	92.0	6 300 *	40.8	103.3	8 500 *	68.0
72.0				17.1	81.6	5 300 *	34.8	98.0	7 400 *	72.0
76.0							27.8	91.1	6 400 *	76.0
80.0							18.5	81.3	5 400 *	80.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
24.4	75.0	128.7	15 800 * ^b							24.4
26.0	73.5	128.2	15 300 *							26.0
28.0	71.8	127.5	14 800 *							28.0
30.0	69.9	126.7	14 200 *							30.0
32.0	68.1	125.8	13 600 *							32.0
34.0	66.2	124.9	13 000 *							34.0
36.0	64.3	123.9	12 400 *	69.3	126.0	16 700 *				36.0
38.0	62.4	122.8	11 800 *	67.5	125.1	16 300 *				38.0
40.0	60.4	121.6	11 200 *	65.6	124.1	15 800 *				40.0
42.0	58.4	120.3	10 600 *	63.7	123.1	15 400 *				42.0
44.0	56.4	119.0	10 000 *	61.8	122.0	14 800 *				44.0
46.0	54.2	117.5	9 400 *	59.8	120.8	14 200 *				46.0
48.0	52.1	115.9	8 900 *	57.8	119.5	13 700 *				48.0
50.0	49.8	114.1	8 400 *	55.7	118.0	13 100 *				50.0
52.0	47.5	112.2	7 900 *	53.6	116.5	12 400 *	62.2	120.5	13 700 *	52.0
54.0	45.1	110.2	7 500 *	51.4	114.9	11 700 *	60.2	119.3	13 300 *	54.0
56.0	42.5	107.9	7 000 *	49.1	113.1	10 800 *	58.2	118.1	12 700 *	56.0
58.0	39.8	105.5	6 600 *	46.7	111.1	9 900 *	56.1	116.7	12 000 *	58.0
60.0	37.0	102.7	6 200 *	44.3	109.0	9 200 *	54.0	115.2	11 300 *	60.0
62.0	33.9	99.7	5 900 *	41.7	106.7	8 500 *	51.8	113.5	10 600 *	62.0
64.0	30.5	96.3	5 500 *	38.9	104.2	7 900 *	49.6	111.8	10 000 *	64.0
66.0	26.7	92.3	5 200 *	36.0	101.4	7 300 *	47.2	109.9	9 400 *	66.0
68.0	22.3	87.4	4 900 *	32.8	98.2	6 700 *	44.8	107.8	8 800 *	68.0
72.0				25.4	90.4	5 700 *	39.5	103.0	7 700 *	72.0
76.0				14.3	77.9	4 800 *	33.5	97.2	6 800 *	76.0
80.0							26.3	89.7	5 800 *	80.0
84.0							15.9	78.1	4 900 *	84.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
24.4	75.7	131.9	14 800 * ^b							24.4
26.0	74.3	131.4	14 400 *							26.0
28.0	72.6	130.7	13 900 *							28.0
30.0	70.8	130.0	13 400 *							30.0
32.0	69.1	129.2	12 900 *							32.0
34.0	67.3	128.3	12 300 *							34.0
36.0	65.5	127.3	11 800 *							36.0
38.0	63.7	126.3	11 200 *	68.5	128.4	15 300 *				38.0
40.0	61.8	125.2	10 700 *	66.8	127.5	14 900 *				40.0
42.0	60.0	124.0	10 200 *	64.9	126.5	14 500 *				42.0
44.0	58.0	122.7	9 600 *	63.1	125.5	14 100 *				44.0
46.0	56.0	121.3	9 100 *	61.2	124.3	13 600 *				46.0
48.0	54.0	119.8	8 600 *	59.3	123.1	13 100 *				48.0
50.0	51.9	118.2	8 100 *	57.4	121.8	12 600 *				50.0
52.0	49.8	116.4	7 700 *	55.4	120.4	12 000 *				52.0
54.0	47.6	114.5	7 300 *	53.4	118.8	11 400 *	61.7	122.9	12 700 *	54.0
56.0	45.2	112.5	6 800 *	51.3	117.2	10 600 *	59.8	121.7	12 200 *	56.0
58.0	42.8	110.3	6 400 *	49.1	115.4	9 800 *	57.8	120.4	11 800 *	58.0
60.0	40.3	107.9	6 100 *	46.8	113.4	9 000 *	55.8	119.0	11 100 *	60.0
62.0	37.6	105.2	5 700 *	44.5	111.3	8 300 *	53.8	117.5	10 400 *	62.0
64.0	34.7	102.2	5 400 *	42.0	109.1	7 700 *	51.7	115.8	9 700 *	64.0
66.0	31.6	98.9	5 100 *	39.4	106.6	7 100 *	49.6	114.1	9 200 *	66.0
68.0	28.1	95.2	4 800 *	36.7	103.8	6 500 *	47.3	112.2	8 600 *	68.0
72.0	19.3	85.1	4 300 *	30.5	97.3	5 500 *	42.6	107.9	7 600 *	72.0
76.0				22.7	88.6	4 700 *	37.3	102.7	6 700 *	76.0
80.0							31.2	96.4	5 600 *	80.0
84.0							23.7	88.0	4 800 *	84.0
88.0							11.7	73.8	3 900 *	88.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
25.9	75.7	134.6	13 400 *							25.9
26.0	75.6	134.5	13 400 *							26.0
28.0	74.0	133.9	13 000 *							28.0
30.0	72.4	133.2	12 600 *							30.0
32.0	70.7	132.4	12 200 *							32.0
34.0	69.0	131.6	11 700 *							34.0
36.0	67.3	130.7	11 300 *							36.0
38.0	65.6	129.7	10 800 *							38.0
40.0	63.8	128.6	10 300 *	68.5	130.8	13 400 *				40.0
42.0	62.0	127.5	9 900 *	66.8	129.9	13 000 *				42.0
44.0	60.2	126.3	9 400 *	65.0	128.9	12 500 *				44.0
46.0	58.3	125.0	8 900 *	63.2	127.8	12 100 *				46.0
48.0	56.4	123.6	8 500 *	61.4	126.7	11 700 *				48.0
50.0	54.5	122.0	8 000 *	59.6	125.4	11 400 *				50.0
52.0	52.5	120.4	7 600 *	57.7	124.1	11 000 *				52.0
54.0	50.4	118.7	7 200 *	55.8	122.6	10 700 *				54.0
56.0	48.3	116.8	6 800 *	53.9	121.1	10 400 *	61.8	125.2	11 700 *	56.0
58.0	46.1	114.8	6 500 *	51.8	119.4	10 100 *	60.0	124.0	11 400 *	58.0
60.0	43.8	112.6	6 100 *	49.7	117.6	9 400 *	58.1	122.7	11 100 *	60.0
62.0	41.3	110.2	5 800 *	47.6	115.7	8 700 *	56.2	121.2	10 600 *	62.0
64.0	38.8	107.6	5 500 *	45.3	113.6	8 000 *	54.3	119.7	10 000 *	64.0
66.0	36.1	104.7	5 200 *	43.0	111.4	7 400 *	52.3	118.1	9 400 *	66.0
68.0	33.1	101.5	4 900 *	40.5	108.9	6 900 *	50.2	116.3	8 800 *	68.0
72.0	26.3	93.7	4 400 *	35.2	103.3	5 900 *	45.8	112.4	7 800 *	72.0
76.0	16.7	82.1	3 800 *	28.8	96.2	5 000 *	41.1	107.8	6 900 *	76.0
80.0				20.5	86.3	4 200 *	35.8	102.2	6 000 *	80.0
84.0							29.6	95.3	5 100 *	84.0
88.0							21.6	85.9	4 300 *	88.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
27.4	75.4	137.4	12 200 *							27.4
28.0	75.0	137.2	12 200 *							28.0
30.0	73.4	136.6	11 800 *							30.0
32.0	71.8	135.8	11 400 *							32.0
34.0	70.2	135.0	11 100 *							34.0
36.0	68.6	134.2	10 600 *							36.0
38.0	66.9	133.3	10 200 *							38.0
40.0	65.3	132.3	9 800 *	69.7	134.3	13 000 *				40.0
42.0	63.6	131.2	9 400 *	68.0	133.4	12 500 *				42.0
44.0	61.8	130.1	9 000 *	66.4	132.5	12 100 *				44.0
46.0	60.1	128.8	8 600 *	64.7	131.5	11 700 *				46.0
48.0	58.3	127.5	8 100 *	63.0	130.4	11 300 *				48.0
50.0	56.5	126.1	7 800 *	61.3	129.2	11 000 *				50.0
52.0	54.6	124.6	7 400 *	59.5	128.0	10 700 *				52.0
54.0	52.7	123.0	7 000 *	57.7	126.6	10 400 *				54.0
56.0	50.7	121.3	6 600 *	55.9	125.2	10 100 *				56.0
58.0	48.7	119.4	6 300 *	54.0	123.7	9 800 *	61.7	127.8	11 000 *	58.0
60.0	46.6	117.4	5 900 *	52.1	122.0	9 100 *	59.9	126.6	10 700 *	60.0
62.0	44.4	115.3	5 600 *	50.1	120.3	8 400 *	58.1	125.2	10 300 *	62.0
64.0	42.1	113.0	5 300 *	48.0	118.4	7 800 *	56.3	123.8	9 800 *	64.0
66.0	39.7	110.5	5 100 *	45.9	116.3	7 200 *	54.4	122.3	9 200 *	66.0
68.0	37.2	107.7	4 800 *	43.7	114.1	6 700 *	52.5	120.7	8 600 *	68.0
72.0	31.5	101.3	4 300 *	38.9	109.2	5 700 *	48.5	117.1	7 600 *	72.0
76.0	24.6	92.9	3 800 *	33.5	103.2	4 800 *	44.2	112.9	6 700 *	76.0
80.0	14.3	79.8	2 700 *	27.1	95.6	4 000 *	39.4	108.0	5 800 *	80.0
84.0				18.5	84.8	3 300 *	34.1	102.2	4 900 *	84.0
88.0							27.9	94.8	4 100 *	88.0
92.0							19.7	84.6	3 400 *	92.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	75.1	140.1	11 000 *							29.0
30.0	74.3	139.8	10 800 *							30.0
32.0	72.8	139.1	10 600 *							32.0
34.0	71.2	138.3	10 300 *							34.0
36.0	69.7	137.5	10 000 *							36.0
38.0	68.1	136.7	9 600 *							38.0
40.0	66.5	135.7	9 300 *							40.0
42.0	64.9	134.7	9 000 *	69.2	136.8	10 700 *				42.0
44.0	63.3	133.6	8 600 *	67.6	135.9	10 500 *				44.0
46.0	61.6	132.4	8 200 *	66.0	134.9	10 200 *				46.0
48.0	59.9	131.2	7 900 *	64.4	133.9	10 000 *				48.0
50.0	58.2	129.9	7 600 *	62.8	132.8	9 800 *				50.0
52.0	56.5	128.5	7 200 *	61.1	131.6	9 500 *				52.0
54.0	54.7	126.9	6 900 *	59.4	130.3	9 300 *				54.0
56.0	52.8	125.3	6 600 *	57.7	129.0	9 000 *				56.0
58.0	50.9	123.6	6 200 *	55.9	127.5	8 700 *				58.0
60.0	49.0	121.8	5 900 *	54.1	126.0	8 500 *	61.5	130.2	9 100 *	60.0
62.0	46.9	119.8	5 600 *	52.2	124.3	8 300 *	59.8	128.9	9 000 *	62.0
64.0	44.9	117.7	5 400 *	50.3	122.6	8 000 *	58.0	127.6	8 800 *	64.0
66.0	42.7	115.4	5 100 *	48.3	120.7	7 800 *	56.3	126.2	8 700 *	66.0
68.0	40.4	112.9	4 800 *	46.3	118.7	7 400 *	54.5	124.6	8 500 *	68.0
72.0	35.4	107.2	4 400 *	41.9	114.1	6 300 *	50.7	121.3	8 100 *	72.0
76.0	29.6	100.3	4 000 *	37.2	108.8	5 400 *	46.7	117.4	7 300 *	76.0
80.0	22.4	91.0	3 500 *	31.7	102.4	4 500 *	42.4	113.0	6 400 *	80.0
84.0				25.1	94.1	3 800 *	37.7	107.7	5 500 *	84.0
88.0				15.7	81.6	3 100 *	32.3	101.4	4 600 *	88.0
92.0							25.9	93.4	3 900 *	92.0
96.0							17.0	81.7	3 200 *	96.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 30.5m (100 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
29.0	75.7	143.3	10 300 *							29.0
30.0	74.9	143.0	10 200 *							30.0
32.0	73.4	142.3	9 900 *							32.0
34.0	72.0	141.6	9 700 *							34.0
36.0	70.5	140.8	9 400 *							36.0
38.0	69.0	140.0	9 100 *							38.0
40.0	67.5	139.1	8 800 *							40.0
42.0	65.9	138.1	8 500 *	70.0	140.1	10 500 *				42.0
44.0	64.4	137.1	8 200 *	68.5	139.2	10 300 *				44.0
46.0	62.8	136.0	7 900 *	67.0	138.3	10 100 *				46.0
48.0	61.2	134.8	7 600 *	65.4	137.3	9 900 *				48.0
50.0	59.6	133.5	7 200 *	63.9	136.3	9 600 *				50.0
52.0	57.9	132.2	7 000 *	62.3	135.1	9 300 *				52.0
54.0	56.2	130.8	6 600 *	60.7	133.9	9 000 *				54.0
56.0	54.5	129.3	6 300 *	59.0	132.7	8 700 *				56.0
58.0	52.7	127.6	6 000 *	57.3	131.3	8 500 *				58.0
60.0	50.8	125.9	5 700 *	55.6	129.8	8 200 *				60.0
62.0	49.0	124.1	5 500 *	53.9	128.3	8 000 *	61.0	132.5	8 700 *	62.0
64.0	47.0	122.1	5 200 *	52.1	126.6	7 800 *	59.4	131.2	8 600 *	64.0
66.0	45.0	120.0	4 900 *	50.2	124.9	7 600 *	57.7	129.9	8 400 *	66.0
68.0	42.9	117.7	4 700 *	48.4	123.0	7 200 *	56.0	128.5	8 200 *	68.0
72.0	38.4	112.6	4 200 *	44.4	118.8	6 100 *	52.5	125.3	7 800 *	72.0
76.0	33.4	106.6	3 800 *	40.0	114.0	5 100 *	48.8	121.7	7 000 *	76.0
80.0	27.5	99.0	3 400 *	35.2	108.3	4 300 *	44.8	117.6	6 200 *	80.0
84.0	19.8	88.7	2 700 *	29.7	101.3	3 600 *	40.5	112.9	5 300 *	84.0
88.0				22.8	92.2	2 900 *	35.8	107.3	4 400 *	88.0
92.0							30.3	100.5	3 700 *	92.0
96.0							23.6	91.7	3 000 *	96.0
100.0							13.6	77.8	2 400 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	75.1	146.1	9 100 *							30.5
32.0	74.0	145.6	8 900 *							32.0
34.0	72.6	144.9	8 600 *							34.0
36.0	71.2	144.1	8 400 *							36.0
38.0	69.7	143.3	8 200 *							38.0
40.0	68.3	142.5	7 900 *							40.0
42.0	66.8	141.6	7 700 *							42.0
44.0	65.3	140.6	7 500 *	69.3	142.6	7 900 *				44.0
46.0	63.8	139.5	7 300 *	67.8	141.7	7 700 *				46.0
48.0	62.3	138.4	7 100 *	66.3	140.8	7 500 *				48.0
50.0	60.7	137.2	6 800 *	64.8	139.8	7 300 *				50.0
52.0	59.1	135.9	6 500 *	63.3	138.7	7 100 *				52.0
54.0	57.5	134.6	6 300 *	61.8	137.6	6 900 *				54.0
56.0	55.9	133.1	6 100 *	60.2	136.3	6 700 *				56.0
58.0	54.2	131.6	5 800 *	58.6	135.0	6 600 *				58.0
60.0	52.5	130.0	5 600 *	57.0	133.7	6 400 *				60.0
62.0	50.7	128.3	5 300 *	55.4	132.2	6 200 *	62.1	136.1	6 600 *	62.0
64.0	48.9	126.4	5 100 *	53.7	130.6	6 100 *	60.6	134.9	6 400 *	64.0
66.0	47.1	124.5	4 800 *	51.9	129.0	5 900 *	59.0	133.6	6 300 *	66.0
68.0	45.1	122.4	4 700 *	50.2	127.2	5 800 *	57.4	132.3	6 200 *	68.0
72.0	41.0	117.7	4 200 *	46.5	123.4	5 600 *	54.0	129.3	5 900 *	72.0
76.0	36.6	112.3	3 800 *	42.5	118.9	5 300 *	50.6	125.9	5 700 *	76.0
80.0	31.5	105.8	3 500 *	38.1	113.8	4 600 *	46.9	122.1	5 400 *	80.0
84.0	25.4	97.6	3 000 *	33.3	107.7	3 800 *	42.9	117.7	5 200 *	84.0
88.0	17.1	85.9	2 300 *	27.6	100.2	3 200 *	38.6	112.7	4 600 *	88.0
92.0				20.4	90.1	2 600 *	33.8	106.7	3 900 *	92.0
96.0							28.3	99.4	3 300 *	96.0
100.0							21.3	89.7	2 700 *	100.0



Liftcrane Fixed Jib Capacities

M-250 SERIES 3

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 36.6m (120 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
30.5	75.6	149.3	8 500 *							30.5
32.0	74.6	148.8	8 400 *							32.0
34.0	73.2	148.1	8 200 *							34.0
36.0	71.8	147.4	8 000 *							36.0
38.0	70.5	146.6	7 900 *							38.0
40.0	69.1	145.8	7 600 *							40.0
42.0	67.7	144.9	7 400 *							42.0
44.0	66.2	144.0	7 200 *	70.0	145.9	7 700 *				44.0
46.0	64.8	143.0	7 000 *	68.6	145.1	7 500 *				46.0
48.0	63.3	141.9	6 800 *	67.2	144.2	7 300 *				48.0
50.0	61.8	140.7	6 500 *	65.8	143.2	7 200 *				50.0
52.0	60.3	139.5	6 300 *	64.3	142.2	7 000 *				52.0
54.0	58.8	138.2	6 000 *	62.9	141.1	6 800 *				54.0
56.0	57.2	136.9	5 800 *	61.4	139.9	6 700 *				56.0
58.0	55.7	135.4	5 600 *	59.9	138.7	6 500 *				58.0
60.0	54.0	133.9	5 300 *	58.3	137.4	6 300 *				60.0
62.0	52.4	132.3	5 100 *	56.7	136.0	6 200 *				62.0
64.0	50.7	130.6	4 900 *	55.1	134.5	6 000 *	61.7	138.5	6 300 *	64.0
66.0	48.9	128.7	4 700 *	53.5	132.9	5 900 *	60.2	137.2	6 200 *	66.0
68.0	47.1	126.8	4 500 *	51.8	131.3	5 800 *	58.6	136.0	6 100 *	68.0
72.0	43.4	122.5	4 100 *	48.4	127.7	5 500 *	55.5	133.1	5 800 *	72.0
76.0	39.3	117.5	3 700 *	44.7	123.5	5 100 *	52.2	130.0	5 600 *	76.0
80.0	34.7	111.8	3 300 *	40.7	118.8	4 300 *	48.7	126.4	5 400 *	80.0
84.0	29.6	104.8	2 700 *	36.3	113.4	3 600 *	45.1	122.3	5 200 *	84.0
88.0	23.3	95.9	2 200 *	31.4	106.9	3 000 *	41.1	117.7	4 400 *	88.0
92.0				25.6	98.7	2 400 *	36.8	112.3	3 700 *	92.0
96.0				17.8	87.4	1 800 *	32.0	105.9	3 000 *	96.0
100.0							26.3	98.0	2 400 *	100.0