

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
248,700 Lb. Crane Counterweight
120,000 Lb. 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 3,000 lb. minimum block weight. Capacities indicated by (c) provide less than required jib backward stability with 3,000 lb. minimum block weight and minimal jib movement may be observed.

200 Ft. 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 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 12 part boom hoist reeving, four 1-1/2 in. boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays, 248,700 Lb. crane counterweight, two 30,000 Lb. and four 15,000 Lb. carbody counterweights.

Maximum capacity on 1-1/8 in. wire rope is 30,000 Lbs. per line.



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 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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180 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.0	384.4	47,200 * c							70
75	73.5	382.9	45,900 * c							75
80	72.0	381.3	44,600 * c							80
85	70.5	379.5	43,100 * c							85
90	69.0	377.5	41,700 * b							90
95	67.4	375.4	40,200 * b							95
100	65.9	373.2	38,600 * b	70.7	378.4	50,500 * c				100
105	64.3	370.7	37,100 * b	69.2	376.5	49,800 * b				105
110	62.7	368.1	35,500 * b	67.7	374.4	48,900 * b				110
115	61.1	365.3	34,000 * b	66.1	372.2	47,900 * b				115
120	59.4	362.4	32,400 * b	64.6	369.8	46,800 * b				120
125	57.8	359.2	31,000 * b	63.0	367.2	45,500 * b				125
130	56.0	355.8	29,500 * b	61.4	364.5	44,200 * b				130
135	54.3	352.2	28,100 *	59.7	361.5	42,600 * b				135
140	52.5	348.4	26,800 *	58.0	358.4	39,600 * b				140
145	50.7	344.2	25,500 *	56.3	355.0	37,000 * b				145
150	48.8	339.9	24,200 *	54.6	351.5	34,500 *	62.9	362.1	40,300 * b	150
155	46.8	335.2	23,000 *	52.8	347.7	32,300 *	61.3	359.4	39,200 * b	155
160	44.8	330.1	21,900 *	51.0	343.6	30,300 *	59.7	356.4	38,100 * b	160
165	42.7	324.7	20,800 *	49.1	339.3	28,400 *	58.0	353.3	36,600 * b	165
170	40.6	318.9	19,800 *	47.2	334.6	26,700 *	56.3	349.9	34,800 * b	170
175	38.3	312.6	18,800 *	45.2	329.6	25,100 *	54.6	346.4	33,100 *	175
180	35.9	305.8	17,900 *	43.1	324.3	23,600 *	52.8	342.6	31,500 *	180
185	33.3	298.3	17,000 *	40.9	318.6	22,200 *	51.0	338.5	30,100 *	185
190	30.6	289.9	16,200 *	38.7	312.4	20,900 *	49.1	334.2	28,400 *	190
195	27.6	280.5	15,500 *	36.3	305.6	19,600 *	47.1	329.5	26,700 *	195
200	24.2	269.8	14,700 *	33.8	298.2	18,500 *	45.1	324.5	25,100 *	200
205	20.3	256.9	14,100 *	31.1	290.0	17,400 *	43.1	319.2	23,600 *	205
210	15.4	240.4	12,600 *	28.1	280.8	16,400 *	40.9	313.4	22,200 *	210
215	7.6	213.5	10,100 *	24.8	270.3	15,400 *	38.7	307.2	20,900 *	215
220				21.0	257.9	14,500 *	36.3	300.5	19,700 *	220
230				9.5	218.5	11,700 *	31.0	284.9	17,400 *	230
240							24.7	265.1	15,400 *	240
250							16.2	236.9	13,600 *	250

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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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.7	394.8	44,000 * c							70
75	74.3	393.4	42,800 * c							75
80	72.9	391.8	41,700 * c							80
85	71.4	390.1	40,500 * c							85
90	70.0	388.3	39,300 * c							90
95	68.6	386.3	38,000 * b							95
100	67.1	384.1	36,600 * b							100
105	65.6	381.9	35,300 * b	70.3	387.2	46,200 * c				105
110	64.1	379.4	33,900 * b	68.8	385.3	45,500 * b				110
115	62.6	376.8	32,500 * b	67.3	383.1	44,700 * b				115
120	61.0	374.0	31,200 * b	65.9	380.9	43,900 * b				120
125	59.5	371.0	29,800 * b	64.4	378.5	42,900 * b				125
130	57.9	367.9	28,500 * b	62.8	375.9	41,800 * b				130
135	56.2	364.5	27,200 * b	61.3	373.1	40,600 * b				135
140	54.6	360.9	26,000 *	59.7	370.2	39,200 * b				140
145	52.9	357.1	24,800 *	58.1	367.1	36,500 * b				145
150	51.1	353.1	23,600 *	56.5	363.7	34,100 * b				150
155	49.4	348.8	22,500 *	54.9	360.2	31,800 *	62.8	370.8	37,600 * b	155
160	47.5	344.2	21,400 *	53.2	356.4	29,800 *	61.3	368.0	36,600 * b	160
165	45.6	339.3	20,400 *	51.4	352.4	27,900 *	59.7	365.1	35,600 * b	165
170	43.7	334.1	19,400 *	49.7	348.2	26,200 *	58.1	362.0	34,300 * b	170
175	41.7	328.5	18,500 *	47.8	343.7	24,600 *	56.5	358.6	32,600 * b	175
180	39.5	322.5	17,600 *	46.0	338.8	23,100 *	54.8	355.1	31,000 *	180
185	37.3	316.0	16,800 *	44.0	333.6	21,700 *	53.1	351.3	29,500 *	185
190	35.0	308.9	16,000 *	42.0	328.1	20,400 *	51.4	347.3	27,900 *	190
195	32.5	301.1	15,200 *	39.9	322.2	19,200 *	49.6	343.1	26,200 *	195
200	29.8	292.5	14,500 *	37.7	315.7	18,000 *	47.8	338.5	24,600 *	200
205	26.9	282.9	13,800 *	35.4	308.7	17,000 *	45.9	333.7	23,100 *	205
210	23.6	271.8	13,000 *	32.9	301.1	15,900 *	44.0	328.5	21,700 *	210
215	19.8	258.6	12,200 *	30.3	292.7	15,000 *	42.0	323.0	20,400 *	215
220	15.0	241.7	10,600 *	27.4	283.2	14,100 *	39.9	317.0	19,200 *	220
230				20.5	259.6	12,400 *	35.4	303.6	17,000 *	230
240				9.2	219.2	9,800 *	30.2	287.5	15,000 *	240
250							24.1	267.2	13,200 *	250
260							15.8	238.2	11,600 *	260



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 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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 The Scope of ANSI B30.5

180 Ft. Boom, 180 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.0	403.8	39,800 * c							75
80	73.7	402.3	38,800 * c							80
85	72.3	400.7	37,800 * c							85
90	70.9	398.9	36,800 * c							90
95	69.6	397.0	35,700 * c							95
100	68.2	395.0	34,500 * b							100
105	66.8	392.9	33,300 * b							105
110	65.4	390.5	32,100 * b	69.8	396.0	42,100 * c				110
115	63.9	388.1	30,900 * b	68.4	394.0	41,500 * b				115
120	62.5	385.5	29,700 * b	67.0	391.9	40,800 * b				120
125	61.0	382.7	28,600 * b	65.6	389.6	40,000 * b				125
130	59.5	379.7	27,400 * b	64.2	387.1	39,200 * b				130
135	58.0	376.5	26,200 * b	62.7	384.5	38,200 * b				135
140	56.4	373.2	25,100 * b	61.2	381.8	37,200 * b				140
145	54.8	369.7	24,000 *	59.7	378.8	35,900 * b				145
150	53.2	365.9	22,900 *	58.2	375.7	33,400 * b				150
155	51.6	361.9	21,800 *	56.7	372.4	31,200 * b				155
160	49.9	357.7	20,800 *	55.1	368.9	29,200 *	62.7	379.5	34,900 * b	160
165	48.1	353.2	19,900 *	53.5	365.2	27,300 *	61.2	376.7	34,000 * b	165
170	46.4	348.5	19,000 *	51.8	361.3	25,600 *	59.7	373.8	33,100 * b	170
175	44.5	343.4	18,100 *	50.2	357.1	24,000 *	58.2	370.6	31,800 * b	175
180	42.6	338.0	17,200 *	48.4	352.6	22,500 *	56.6	367.3	30,200 * b	180
185	40.7	332.2	16,400 *	46.7	347.9	21,100 *	55.1	363.8	28,700 *	185
190	38.6	325.9	15,600 *	44.8	342.9	19,800 *	53.5	360.1	27,300 *	190
195	36.4	319.2	14,900 *	43.0	337.5	18,600 *	51.8	356.2	25,600 *	195
200	34.1	311.9	14,200 *	41.0	331.8	17,400 *	50.1	352.0	24,000 *	200
205	31.7	303.9	13,300 *	38.9	325.6	16,300 *	48.4	347.5	22,500 *	205
210	29.1	295.1	12,400 *	36.8	319.0	15,300 *	46.6	342.8	21,100 *	210
215	26.2	285.1	11,600 *	34.5	311.8	14,400 *	44.8	337.8	19,800 *	215
220	23.0	273.8	10,800 *	32.1	303.9	13,400 *	42.9	332.4	18,600 *	220
230	14.6	242.9	8,700 *	26.7	285.5	11,800 *	38.9	320.5	16,300 *	230
240				20.0	261.3	10,200 *	34.5	306.7	14,400 *	240
250				9.0	219.9	7,900 *	29.5	290.1	12,600 *	250
260							23.5	269.2	11,000 *	260
270							15.4	239.5	9,500 *	270

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180 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.7	414.2	37,000 * c							75
80	74.4	412.7	36,100 * c							80
85	73.1	411.2	35,300 * c							85
90	71.8	409.5	34,400 * c							90
95	70.5	407.7	33,400 * c							95
100	69.2	405.8	32,500 * b							100
105	67.8	403.8	31,500 * b							105
110	66.5	401.6	30,400 * b	70.7	406.7	38,800 * c				110
115	65.1	399.2	29,400 * b	69.4	404.8	38,400 * c				115
120	63.7	396.8	28,300 * b	68.1	402.8	37,900 * b				120
125	62.4	394.1	27,300 * b	66.7	400.6	37,300 * b				125
130	60.9	391.3	26,200 * b	65.4	398.3	36,600 * b				130
135	59.5	388.4	25,200 * b	64.0	395.8	35,900 * b				135
140	58.0	385.2	24,200 * b	62.6	393.2	35,100 * b				140
145	56.6	381.9	23,100 * b	61.2	390.4	34,200 * b				145
150	55.1	378.4	22,200 *	59.7	387.5	32,800 * b				150
155	53.5	374.7	21,200 *	58.3	384.4	30,600 * b				155
160	52.0	370.8	20,300 *	56.8	381.1	28,600 * b				160
165	50.4	366.6	19,400 *	55.3	377.6	26,700 *	62.6	388.1	32,500 * b	165
170	48.7	362.2	18,500 *	53.8	374.0	25,000 *	61.2	385.4	31,700 * b	170
175	47.0	357.6	17,700 *	52.2	370.1	23,400 *	59.7	382.4	30,800 * b	175
180	45.3	352.6	16,900 *	50.6	366.0	21,900 *	58.3	379.3	29,500 * b	180
185	43.5	347.3	16,100 *	49.0	361.6	20,500 *	56.8	376.0	28,000 * b	185
190	41.6	341.7	15,400 *	47.3	357.0	19,200 *	55.3	372.5	26,600 *	190
195	39.7	335.7	14,500 *	45.6	352.1	18,000 *	53.8	368.9	25,000 *	195
200	37.7	329.3	13,600 *	43.8	346.9	16,800 *	52.2	365.0	23,400 *	200
205	35.6	322.4	12,700 *	42.0	341.3	15,700 *	50.6	360.9	21,900 *	205
210	33.4	314.8	11,800 *	40.0	335.4	14,700 *	49.0	356.5	20,500 *	210
215	31.0	306.6	11,000 *	38.0	329.0	13,800 *	47.3	351.9	19,200 *	215
220	28.4	297.5	10,300 *	36.0	322.2	12,900 *	45.6	347.0	18,000 *	220
230	22.5	275.7	8,800 *	31.4	306.7	11,200 *	41.9	336.2	15,700 *	230
240	14.3	244.1	6,800 *	26.1	287.8	9,700 *	38.0	323.9	13,800 *	240
250				19.5	263.0	8,300 *	33.7	309.6	12,000 *	250
260				8.8	220.6	6,200 *	28.8	292.6	10,400 *	260
270							23.0	271.2	9,000 *	270
280							15.1	240.8	7,600 *	280



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Boom No. 44 With Heavy Lift Top

248,700 Lb. Crane Counterweight

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	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.3	423.5	30,000 * c							80
85	74.1	422.0	30,000 * c							85
90	72.9	420.5	30,000 * c							90
95	71.6	418.8	30,000 * c							95
100	70.4	417.0	30,000 * c							100
105	69.1	415.1	29,500 * b							105
110	67.8	413.0	28,700 * b							110
115	66.5	410.8	27,800 * b	70.6	415.9	30,000 * c				115
120	65.2	408.5	26,900 * b	69.3	414.0	30,000 * b				120
125	63.9	406.0	26,000 * b	68.0	412.0	30,000 * b				125
130	62.6	403.4	25,100 * b	66.7	409.8	30,000 * b				130
135	61.2	400.6	24,100 * b	65.4	407.5	30,000 * b				135
140	59.8	397.7	23,200 * b	64.1	405.1	30,000 * b				140
145	58.5	394.6	22,300 * b	62.8	402.5	30,000 * b				145
150	57.0	391.4	21,500 * b	61.4	399.8	30,000 * b				150
155	55.6	387.9	20,600 * b	60.1	396.9	30,000 * b				155
160	54.2	384.3	19,700 *	58.7	393.8	29,800 * b				160
165	52.7	380.5	18,900 *	57.3	390.6	28,200 * b				165
170	51.1	376.5	18,100 *	55.9	387.2	26,200 *	62.8	397.4	30,000 * b	170
175	49.6	372.2	17,300 *	54.4	383.6	24,400 *	61.4	394.7	30,000 * b	175
180	48.0	367.7	16,600 *	52.9	379.8	22,800 *	60.1	391.8	29,500 * b	180
185	46.4	362.9	15,800 *	51.4	375.8	21,200 *	58.7	388.7	28,700 * b	185
190	44.7	357.9	15,100 *	49.8	371.6	19,800 *	57.3	385.5	28,000 * b	190
195	42.9	352.5	14,400 *	48.3	367.1	18,500 *	55.8	382.1	26,200 * b	195
200	41.1	346.8	13,700 *	46.6	362.4	17,200 *	54.4	378.5	24,500 *	200
205	39.3	340.7	12,800 *	45.0	357.4	16,100 *	52.9	374.7	22,800 *	205
210	37.3	334.2	11,900 *	43.2	352.1	15,000 *	51.4	370.7	21,300 *	210
215	35.3	327.2	11,000 *	41.5	346.4	13,900 *	49.8	366.5	19,800 *	215
220	33.2	319.6	10,200 *	39.6	340.4	13,000 *	48.2	362.0	18,500 *	220
230	28.4	302.2	8,700 *	35.6	327.0	11,200 *	44.9	352.3	16,100 *	230
240	22.8	280.6	7,300 *	31.3	311.4	9,600 *	41.4	341.3	14,000 *	240
250	15.1	250.0	5,600 *	26.2	292.5	8,100 *	37.6	328.8	12,100 *	250
260				20.0	268.1	6,800 *	33.5	314.4	10,400 *	260
270				10.4	229.0	5,100 *	28.8	297.3	8,800 *	270
280							23.2	276.0	7,500 *	280
290							15.9	246.5	6,200 *	290

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.8	402.0	38,900 *b							80
85	73.4	400.4	37,900 *							85
90	72.1	398.7	36,900 *							90
95	70.7	396.8	35,800 *							95
100	69.3	394.7	34,700 *							100
105	67.9	392.6	33,600 *							105
110	66.5	390.3	32,500 *	70.9	395.7	40,200 *				110
115	65.0	387.8	31,300 *	69.5	393.7	39,100 *				115
120	63.6	385.2	30,100 *	68.1	391.6	38,100 *				120
125	62.1	382.4	29,000 *	66.7	389.3	37,100 *				125
130	60.6	379.4	27,800 *	65.3	386.8	36,100 *				130
135	59.1	376.2	26,700 *	63.8	384.2	35,200 *				135
140	57.5	372.9	25,500 *	62.3	381.5	34,300 *				140
145	55.9	369.4	24,500 *	60.8	378.5	33,500 *				145
150	54.3	365.6	23,400 *	59.3	375.4	32,700 *				150
155	52.7	361.6	22,400 *	57.8	372.1	32,000 *				155
160	51.0	357.4	21,400 *	56.2	368.6	31,000 *				160
165	49.2	352.9	20,500 *	54.6	364.9	29,100 *	62.3	376.4	33,800 *	165
170	47.5	348.1	19,500 *	52.9	360.9	27,400 *	60.8	373.5	33,100 *	170
175	45.6	343.0	18,700 *	51.3	356.7	25,700 *	59.3	370.3	32,500 *	175
180	43.7	337.6	17,800 *	49.5	352.3	24,200 *	57.8	367.0	31,800 *	180
185	41.7	331.8	17,000 *	47.8	347.6	22,800 *	56.2	363.5	30,300 *	185
190	39.7	325.5	16,200 *	45.9	342.5	21,500 *	54.6	359.8	28,900 *	190
195	37.5	318.7	15,500 *	44.0	337.2	20,300 *	52.9	355.8	27,400 *	195
200	35.2	311.4	14,800 *	42.1	331.4	19,100 *	51.2	351.6	25,700 *	200
205	32.7	303.4	14,200 *	40.0	325.2	18,000 *	49.5	347.2	24,200 *	205
210	30.1	294.5	13,500 *	37.9	318.6	17,000 *	47.7	342.5	22,800 *	210
215	27.2	284.5	12,900 *	35.6	311.3	16,000 *	45.9	337.4	21,500 *	215
220	24.0	273.1	12,400 *	33.2	303.4	15,100 *	44.0	332.0	20,300 *	220
230	15.5	241.8	10,200 *	27.7	284.9	13,400 *	40.0	320.1	18,000 *	230
240				20.9	260.5	11,800 *	35.6	306.2	16,000 *	240
250				9.6	218.0	9,400 *	30.5	289.5	14,200 *	250
260							24.5	268.6	12,600 *	260
270							16.3	238.5	11,100 *	270



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.5	412.5	36,300 *b							80
85	74.2	410.9	35,500 *							85
90	72.9	409.3	34,600 *							90
95	71.6	407.5	33,700 *							95
100	70.2	405.5	32,800 *							100
105	68.9	403.5	31,800 *							105
110	67.6	401.3	30,800 *							110
115	66.2	398.9	29,800 *	70.5	404.5	37,800 *				115
120	64.8	396.5	28,700 *	69.1	402.5	36,800 *				120
125	63.4	393.8	27,700 *	67.8	400.3	35,900 *				125
130	62.0	391.0	26,700 *	66.4	398.0	35,000 *				130
135	60.6	388.0	25,600 *	65.0	395.5	34,100 *				135
140	59.1	384.9	24,600 *	63.7	392.9	33,300 *				140
145	57.6	381.6	23,600 *	62.2	390.1	32,500 *				145
150	56.1	378.1	22,700 *	60.8	387.2	31,800 *				150
155	54.6	374.4	21,700 *	59.4	384.1	31,100 *				155
160	53.0	370.4	20,800 *	57.9	380.8	30,400 *				160
165	51.4	366.3	19,900 *	56.4	377.3	28,700 *				165
170	49.7	361.9	19,000 *	54.8	373.6	26,900 *	62.2	385.1	32,000 *	170
175	48.1	357.2	18,200 *	53.3	369.7	25,300 *	60.8	382.1	31,400 *	175
180	46.3	352.2	17,400 *	51.7	365.6	23,800 *	59.3	379.0	30,800 *	180
185	44.5	346.9	16,600 *	50.0	361.3	22,300 *	57.9	375.7	29,800 *	185
190	42.7	341.3	15,900 *	48.3	356.6	21,000 *	56.3	372.2	28,400 *	190
195	40.7	335.3	15,200 *	46.6	351.7	19,800 *	54.8	368.5	26,900 *	195
200	38.7	328.9	14,500 *	44.8	346.5	18,600 *	53.2	364.6	25,300 *	200
205	36.6	321.9	13,900 *	43.0	340.9	17,500 *	51.6	360.5	23,800 *	205
210	34.4	314.3	13,300 *	41.1	335.0	16,500 *	50.0	356.2	22,400 *	210
215	32.0	306.1	12,700 *	39.1	328.6	15,500 *	48.3	351.5	21,000 *	215
220	29.4	297.0	12,000 *	37.0	321.7	14,600 *	46.6	346.6	19,800 *	220
230	23.4	275.0	10,500 *	32.4	306.2	12,900 *	43.0	335.8	17,500 *	230
240	15.1	242.9	8,400 *	27.1	287.2	11,400 *	39.0	323.5	15,500 *	240
250				20.4	262.2	9,900 *	34.7	309.1	13,700 *	250
260				9.4	218.6	7,700 *	29.8	292.0	12,100 *	260
270							23.9	270.5	10,600 *	270
280							15.9	239.7	9,300 *	280

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 180 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.9	421.4	33,100 *b							85
90	73.6	419.8	32,300 *							90
95	72.4	418.1	31,600 *							95
100	71.1	416.3	30,700 *							100
105	69.8	414.3	29,900 *							105
110	68.5	412.2	29,000 *							110
115	67.3	410.0	28,100 *							115
120	65.9	407.6	27,200 *	70.0	413.3	35,500 *				120
125	64.6	405.1	26,300 *	68.8	411.2	34,800 *				125
130	63.3	402.5	25,400 *	67.5	409.0	33,900 *				130
135	61.9	399.7	24,500 *	66.2	406.7	33,100 *				135
140	60.5	396.7	23,600 *	64.8	404.2	32,400 *				140
145	59.1	393.6	22,700 *	63.5	401.6	31,600 *				145
150	57.7	390.3	21,800 *	62.1	398.8	31,000 *				150
155	56.3	386.8	20,900 *	60.8	395.8	30,300 *				155
160	54.8	383.1	20,100 *	59.4	392.7	29,700 *				160
165	53.3	379.2	19,200 *	58.0	389.5	28,000 *				165
170	51.8	375.1	18,400 *	56.5	386.0	26,300 *				170
175	50.2	370.8	17,700 *	55.1	382.4	24,600 *	62.1	393.7	30,400 *	175
180	48.6	366.2	16,900 *	53.6	378.5	23,100 *	60.8	390.8	29,800 *	180
185	47.0	361.4	16,200 *	52.0	374.5	21,700 *	59.4	387.7	29,000 *	185
190	45.3	356.2	15,500 *	50.5	370.2	20,400 *	57.9	384.4	27,600 *	190
195	43.5	350.8	14,800 *	48.9	365.6	19,200 *	56.5	380.9	26,300 *	195
200	41.7	345.0	14,200 *	47.2	360.9	18,000 *	55.0	377.3	24,700 *	200
205	39.8	338.8	13,600 *	45.6	355.8	16,900 *	53.5	373.4	23,100 *	205
210	37.8	332.1	13,000 *	43.8	350.4	15,900 *	52.0	369.4	21,700 *	210
215	35.8	325.0	12,100 *	42.0	344.6	14,900 *	50.5	365.1	20,400 *	215
220	33.6	317.2	11,400 *	40.1	338.5	14,000 *	48.9	360.5	19,200 *	220
230	28.7	299.4	9,900 *	36.1	324.8	12,300 *	45.5	350.7	16,900 *	230
240	22.9	276.8	8,600 *	31.7	308.8	10,800 *	42.0	339.5	14,900 *	240
250	14.8	244.0	6,700 *	26.5	289.4	9,400 *	38.1	326.8	13,100 *	250
260				19.9	263.8	8,100 *	33.9	312.0	11,500 *	260
270				9.1	219.2	6,000 *	29.1	294.5	10,100 *	270
280							23.4	272.4	8,700 *	280
290							15.6	240.9	7,400 *	290



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.5	431.8	30,800 *b							85
90	74.3	430.3	30,200 *							90
95	73.1	428.7	29,500 *							95
100	71.9	426.9	28,800 *							100
105	70.7	425.0	28,100 *							105
110	69.4	423.1	27,300 *							110
115	68.2	420.9	26,600 *							115
120	67.0	418.7	25,800 *	70.9	424.0	32,800 *				120
125	65.7	416.3	25,000 *	69.7	422.0	32,500 *				125
130	64.4	413.8	24,200 *	68.4	419.9	32,100 *				130
135	63.1	411.1	23,400 *	67.2	417.7	31,600 *				135
140	61.8	408.3	22,500 *	65.9	415.4	31,100 *				140
145	60.5	405.4	21,700 *	64.6	412.9	30,600 *				145
150	59.2	402.2	20,900 *	63.4	410.2	30,000 *				150
155	57.8	399.0	20,100 *	62.1	407.4	29,300 *				155
160	56.4	395.5	19,400 *	60.7	404.5	28,700 *				160
165	55.0	391.9	18,600 *	59.4	401.4	27,400 *				165
170	53.6	388.0	17,900 *	58.0	398.2	25,700 *				170
175	52.1	384.0	17,100 *	56.7	394.7	24,100 *				175
180	50.6	379.7	16,400 *	55.3	391.1	22,500 *	62.0	402.4	28,600 *	180
185	49.1	375.2	15,700 *	53.8	387.3	21,100 *	60.7	399.4	27,900 *	185
190	47.5	370.5	15,100 *	52.4	383.3	19,800 *	59.4	396.3	26,900 *	190
195	45.9	365.5	14,500 *	50.9	379.1	18,600 *	58.0	393.1	25,600 *	195
200	44.3	360.2	13,800 *	49.4	374.6	17,400 *	56.6	389.6	24,100 *	200
205	42.6	354.5	13,200 *	47.8	369.9	16,300 *	55.2	386.0	22,600 *	205
210	40.8	348.6	12,400 *	46.2	365.0	15,300 *	53.8	382.2	21,100 *	210
215	38.9	342.2	11,600 *	44.6	359.7	14,300 *	52.4	378.2	19,800 *	215
220	37.0	335.3	10,800 *	42.9	354.1	13,400 *	50.9	374.0	18,600 *	220
230	32.9	320.0	9,300 *	39.3	341.9	11,700 *	47.8	364.8	16,300 *	230
240	28.1	301.7	8,000 *	35.3	327.9	10,200 *	44.5	354.6	14,300 *	240
250	22.4	278.7	6,800 *	31.0	311.5	8,800 *	41.1	343.1	12,600 *	250
260	14.4	245.1	5,000 *	25.9	291.5	7,500 *	37.3	330.0	10,900 *	260
270				19.5	265.3	6,300 *	33.2	314.9	9,500 *	270
280				8.9	219.8	4,400 *	28.5	296.9	8,100 *	280
290							22.9	274.3	6,900 *	290
300							15.2	242.0	5,800 *	300

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 200 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.2	441.1	27,900 *b							90
95	74.0	439.6	27,400 *							95
100	72.9	437.9	26,800 *							100
105	71.7	436.2	26,200 *							105
110	70.6	434.3	25,600 *							110
115	69.4	432.3	24,900 *							115
120	68.2	430.2	24,200 *							120
125	67.0	427.9	23,600 *	70.7	433.2	29,800 *				125
130	65.8	425.6	22,900 *	69.6	431.3	29,500 *				130
135	64.6	423.1	22,200 *	68.4	429.2	29,200 *				135
140	63.3	420.4	21,400 *	67.2	427.0	28,800 *				140
145	62.1	417.6	20,700 *	66.0	424.6	28,400 *				145
150	60.8	414.7	20,000 *	64.8	422.1	27,900 *				150
155	59.5	411.6	19,300 *	63.5	419.5	27,400 *				155
160	58.2	408.4	18,600 *	62.3	416.8	26,800 *				160
165	56.9	405.0	17,900 *	61.0	413.9	26,300 *				165
170	55.5	401.5	17,200 *	59.7	410.8	25,700 *				170
175	54.2	397.7	16,600 *	58.4	407.6	25,000 *				175
180	52.8	393.8	15,900 *	57.1	404.2	23,500 *				180
185	51.4	389.6	15,300 *	55.8	400.7	22,000 *	62.3	411.7	26,300 *	185
190	49.9	385.3	14,700 *	54.4	397.0	20,500 *	61.0	408.8	26,500 *	190
195	48.4	380.7	14,100 *	53.0	393.1	19,200 *	59.7	405.7	25,900 *	195
200	46.9	375.8	13,500 *	51.6	389.0	17,900 *	58.4	402.5	25,200 *	200
205	45.3	370.7	13,000 *	50.2	384.6	16,700 *	57.1	399.2	23,600 *	205
210	43.7	365.3	12,400 *	48.7	380.1	15,600 *	55.8	395.6	22,000 *	210
215	42.1	359.6	11,600 *	47.2	375.3	14,600 *	54.4	391.9	20,500 *	215
220	40.3	353.5	10,800 *	45.6	370.2	13,600 *	53.0	388.0	19,200 *	220
230	36.7	340.1	9,200 *	42.4	359.2	11,700 *	50.1	379.5	16,700 *	230
240	32.7	324.7	7,800 *	38.9	346.8	10,100 *	47.1	370.2	14,600 *	240
250	28.1	306.4	6,500 *	35.1	332.7	8,600 *	44.0	359.8	12,700 *	250
260	22.6	283.6	5,400 *	30.9	316.2	7,300 *	40.6	348.1	10,900 *	260
270				26.0	296.3	6,100 *	37.0	334.8	9,400 *	270
280				19.9	270.5	4,900 *	33.0	319.6	8,000 *	280
290							28.5	301.5	6,700 *	290
300							23.1	279.2	5,500 *	300
310							15.9	248.0	4,400 *	310



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 160 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.5	421.3	32,700 *							85
90	74.3	419.7	32,000 *							90
95	73.0	418.0	31,300 *							95
100	71.8	416.2	30,600 *							100
105	70.5	414.2	29,800 *							105
110	69.2	412.1	29,000 *							110
115	67.9	409.9	28,200 *							115
120	66.6	407.5	27,300 *	70.7	413.2	31,600 *				120
125	65.3	405.0	26,500 *	69.4	411.1	30,700 *				125
130	64.0	402.4	25,600 *	68.2	408.9	29,900 *				130
135	62.6	399.5	24,700 *	66.8	406.6	29,100 *				135
140	61.2	396.6	23,900 *	65.5	404.1	28,300 *				140
145	59.8	393.5	23,000 *	64.2	401.4	27,500 *				145
150	58.4	390.2	22,200 *	62.8	398.7	26,800 *				150
155	57.0	386.7	21,300 *	61.5	395.7	26,200 *				155
160	55.5	383.0	20,500 *	60.1	392.6	25,500 *				160
165	54.0	379.1	19,700 *	58.6	389.4	24,900 *				165
170	52.5	375.0	18,900 *	57.2	385.9	24,400 *				170
175	50.9	370.7	18,100 *	55.7	382.3	23,800 *	62.8	393.6	26,600 *	175
180	49.3	366.1	17,400 *	54.2	378.4	23,300 *	61.4	390.7	26,000 *	180
185	47.6	361.2	16,700 *	52.7	374.3	22,800 *	60.0	387.5	25,400 *	185
190	45.9	356.1	16,000 *	51.2	370.1	21,900 *	58.6	384.3	24,800 *	190
195	44.2	350.6	15,300 *	49.6	365.5	20,600 *	57.2	380.8	24,300 *	195
200	42.4	344.8	14,700 *	47.9	360.7	19,500 *	55.7	377.2	23,800 *	200
205	40.5	338.6	14,100 *	46.2	355.6	18,400 *	54.2	373.3	23,300 *	205
210	38.5	332.0	13,500 *	44.5	350.2	17,300 *	52.7	369.2	22,800 *	210
215	36.4	324.8	12,900 *	42.7	344.5	16,300 *	51.1	364.9	21,900 *	215
220	34.2	317.0	12,400 *	40.8	338.3	15,400 *	49.5	360.4	20,600 *	220
230	29.4	299.1	11,300 *	36.8	324.7	13,700 *	46.2	350.5	18,400 *	230
240	23.5	276.6	9,900 *	32.3	308.6	12,200 *	42.6	339.3	16,400 *	240
250	15.4	243.6	8,000 *	27.1	289.1	10,700 *	38.8	326.6	14,600 *	250
260				20.6	263.4	9,400 *	34.6	311.8	12,900 *	260
270				9.6	218.4	7,300 *	29.8	294.3	11,400 *	270
280							24.0	272.1	10,100 *	280
290							16.1	240.4	8,800 *	290

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.2	430.6	30,000 *							90
95	74.0	429.0	29,400 *							95
100	72.8	427.2	28,800 *							100
105	71.6	425.4	28,100 *							105
110	70.4	423.4	27,400 *							110
115	69.2	421.3	26,700 *							115
120	67.9	419.1	25,900 *							120
125	66.7	416.8	25,200 *	70.6	422.4	29,700 *				125
130	65.4	414.3	24,400 *	69.4	420.3	28,900 *				130
135	64.1	411.6	23,600 *	68.1	418.1	28,100 *				135
140	62.8	408.9	22,800 *	66.9	415.8	27,300 *				140
145	61.5	405.9	22,100 *	65.6	413.3	26,700 *				145
150	60.1	402.9	21,300 *	64.3	410.7	26,000 *				150
155	58.8	399.6	20,500 *	63.0	408.0	25,400 *				155
160	57.4	396.2	19,700 *	61.7	405.1	24,800 *				160
165	56.0	392.6	19,000 *	60.4	402.0	24,200 *				165
170	54.6	388.8	18,300 *	59.0	398.8	23,600 *				170
175	53.1	384.8	17,600 *	57.6	395.4	23,100 *				175
180	51.6	380.6	16,900 *	56.2	391.8	22,600 *	63.0	402.9	25,100 *	180
185	50.1	376.2	16,200 *	54.8	388.1	22,100 *	61.7	400.0	24,500 *	185
190	48.6	371.5	15,600 *	53.4	384.1	21,400 *	60.4	396.9	24,000 *	190
195	47.0	366.5	14,900 *	51.9	380.0	20,200 *	59.0	393.7	23,500 *	195
200	45.3	361.3	14,300 *	50.4	375.6	19,000 *	57.6	390.3	23,000 *	200
205	43.6	355.7	13,700 *	48.8	370.9	17,900 *	56.2	386.8	22,500 *	205
210	41.8	349.8	13,200 *	47.2	366.0	16,900 *	54.8	383.0	22,100 *	210
215	40.0	343.5	12,600 *	45.6	360.8	15,900 *	53.3	379.0	21,400 *	215
220	38.1	336.8	12,100 *	43.9	355.3	14,900 *	51.9	374.9	20,200 *	220
230	34.0	321.7	10,800 *	40.3	343.3	13,200 *	48.8	365.8	17,900 *	230
240	29.3	303.8	9,500 *	36.4	329.4	11,700 *	45.6	355.7	15,900 *	240
250	23.7	281.4	8,300 *	32.1	313.3	10,300 *	42.1	344.4	14,100 *	250
260	16.2	249.7	6,500 *	27.1	293.8	9,000 *	38.4	331.5	12,500 *	260
270				21.0	268.6	7,800 *	34.3	316.6	11,000 *	270
280				11.3	227.4	5,800 *	29.7	298.9	9,600 *	280
290							24.2	277.0	8,400 *	290
300							16.9	246.3	7,200 *	300



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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.8	441.0	27,900 *							90
95	74.7	439.5	27,400 *							95
100	73.5	437.8	26,900 *							100
105	72.4	436.0	26,300 *							105
110	71.2	434.2	25,700 *							110
115	70.0	432.2	25,100 *							115
120	68.8	430.1	24,500 *							120
125	67.6	427.8	23,800 *							125
130	66.4	425.4	23,100 *	70.2	431.2	29,000 *				130
135	65.2	422.9	22,500 *	69.0	429.1	28,200 *				135
140	63.9	420.3	21,800 *	67.8	426.8	27,500 *				140
145	62.7	417.5	21,100 *	66.6	424.5	26,800 *				145
150	61.4	414.6	20,400 *	65.4	422.0	26,100 *				150
155	60.1	411.5	19,700 *	64.2	419.4	25,500 *				155
160	58.8	408.3	19,000 *	62.9	416.6	24,900 *				160
165	57.5	404.9	18,300 *	61.6	413.7	24,300 *				165
170	56.2	401.3	17,700 *	60.4	410.7	23,800 *				170
175	54.8	397.6	17,000 *	59.1	407.5	23,300 *				175
180	53.4	393.6	16,400 *	57.7	404.1	22,800 *				180
185	52.0	389.5	15,700 *	56.4	400.6	22,300 *	62.9	411.6	24,500 *	185
190	50.5	385.1	15,100 *	55.0	396.8	21,800 *	61.6	408.7	24,000 *	190
195	49.0	380.5	14,600 *	53.6	392.9	20,800 *	60.3	405.6	23,500 *	195
200	47.5	375.7	14,000 *	52.2	388.8	19,600 *	59.0	402.4	23,100 *	200
205	46.0	370.6	13,400 *	50.8	384.5	18,400 *	57.7	399.0	22,600 *	205
210	44.3	365.2	12,900 *	49.3	379.9	17,200 *	56.4	395.5	22,200 *	210
215	42.7	359.4	12,400 *	47.8	375.1	16,200 *	55.0	391.8	21,800 *	215
220	41.0	353.3	11,900 *	46.2	370.1	15,200 *	53.6	387.8	20,900 *	220
230	37.3	340.0	10,800 *	43.0	359.1	13,300 *	50.8	379.4	18,400 *	230
240	33.3	324.5	9,400 *	39.5	346.6	11,700 *	47.8	370.0	16,200 *	240
250	28.7	306.2	8,100 *	35.7	332.5	10,200 *	44.6	359.6	14,300 *	250
260	23.2	283.3	6,900 *	31.4	315.9	8,800 *	41.2	347.9	12,500 *	260
270	15.8	250.8	5,300 *	26.6	296.0	7,600 *	37.6	334.7	10,900 *	270
280				20.5	270.1	6,400 *	33.6	319.4	9,500 *	280
290				11.0	228.1	4,800 *	29.1	301.3	8,200 *	290
300							23.7	278.9	7,000 *	300
310							16.5	247.5	5,900 *	310

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.3	449.9	25,600 *							95
100	74.1	448.4	25,100 *							100
105	73.0	446.7	24,600 *							105
110	71.9	444.9	24,100 *							110
115	70.8	442.9	23,600 *							115
120	69.6	440.9	23,000 *							120
125	68.5	438.8	22,400 *							125
130	67.3	436.5	21,900 *	71.0	441.9	27,500 *				130
135	66.2	434.1	21,300 *	69.8	439.9	27,200 *				135
140	65.0	431.6	20,700 *	68.7	437.8	26,700 *				140
145	63.8	429.0	20,000 *	67.5	435.5	26,000 *				145
150	62.6	426.2	19,400 *	66.4	433.2	25,400 *				150
155	61.4	423.2	18,800 *	65.2	430.7	24,800 *				155
160	60.1	420.2	18,200 *	64.0	428.0	24,200 *				160
165	58.9	417.0	17,600 *	62.8	425.3	23,700 *				165
170	57.6	413.6	17,000 *	61.6	422.4	23,100 *				170
175	56.3	410.0	16,400 *	60.3	419.3	22,600 *				175
180	55.0	406.3	15,800 *	59.1	416.2	22,200 *				180
185	53.7	402.4	15,200 *	57.8	412.8	21,700 *				185
190	52.3	398.3	14,600 *	56.5	409.3	21,300 *	62.8	420.2	23,200 *	190
195	50.9	394.0	14,100 *	55.2	405.6	20,200 *	61.6	417.3	22,800 *	195
200	49.5	389.5	13,500 *	53.9	401.7	18,900 *	60.3	414.3	22,300 *	200
205	48.0	384.8	13,000 *	52.5	397.7	17,800 *	59.1	411.1	21,900 *	205
210	46.5	379.8	12,500 *	51.2	393.4	16,600 *	57.8	407.7	21,500 *	210
215	45.0	374.5	12,000 *	49.7	388.9	15,600 *	56.5	404.2	21,100 *	215
220	43.4	368.9	11,600 *	48.3	384.2	14,600 *	55.2	400.5	20,200 *	220
230	40.1	356.8	10,200 *	45.3	374.0	12,700 *	52.5	392.6	17,800 *	230
240	36.5	343.1	8,800 *	42.1	362.7	11,100 *	49.7	383.8	15,600 *	240
250	32.6	327.2	7,500 *	38.7	349.9	9,600 *	46.8	374.2	13,700 *	250
260	28.1	308.5	6,300 *	35.0	335.4	8,300 *	43.7	363.4	11,900 *	260
270	22.7	285.1	5,200 *	30.8	318.5	7,000 *	40.4	351.4	10,400 *	270
280				26.0	298.1	5,900 *	36.8	337.8	8,900 *	280
290				20.1	271.7	4,800 *	32.9	322.1	7,600 *	290
300							28.5	303.6	6,400 *	300
310							23.2	280.7	5,300 *	310
320							16.1	248.7	4,300 *	320



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.8	460.4	23,800 *							95
100	74.7	458.8	23,300 *							100
105	73.7	457.2	22,900 *							105
110	72.6	455.5	22,500 *							110
115	71.5	453.7	22,000 *							115
120	70.4	451.7	21,500 *							120
125	69.3	449.7	21,000 *							125
130	68.2	447.5	20,500 *							130
135	67.1	445.2	20,000 *	70.6	450.7	25,100 *				135
140	66.0	442.8	19,500 *	69.5	448.6	24,900 *				140
145	64.8	440.3	18,900 *	68.4	446.5	24,700 *				145
150	63.7	437.6	18,400 *	67.3	444.2	24,400 *				150
155	62.5	434.8	17,800 *	66.1	441.8	24,100 *				155
160	61.3	431.9	17,300 *	65.0	439.3	23,600 *				160
165	60.1	428.8	16,700 *	63.9	436.7	23,100 *				165
170	58.9	425.6	16,200 *	62.7	433.9	22,600 *				170
175	57.7	422.3	15,600 *	61.5	431.0	22,100 *				175
180	56.5	418.8	15,100 *	60.3	428.0	21,700 *				180
185	55.2	415.1	14,500 *	59.1	424.8	21,300 *				185
190	53.9	411.2	14,000 *	57.9	421.5	20,800 *				190
195	52.6	407.2	13,500 *	56.7	418.0	19,600 *	62.7	428.9	22,000 *	195
200	51.3	402.9	13,000 *	55.4	414.3	18,300 *	61.5	426.0	21,700 *	200
205	49.9	398.5	12,500 *	54.1	410.5	17,100 *	60.3	422.9	21,300 *	205
210	48.5	393.8	12,100 *	52.8	406.5	16,000 *	59.1	419.7	21,000 *	210
215	47.1	388.9	11,600 *	51.5	402.3	14,900 *	57.9	416.4	20,600 *	215
220	45.6	383.8	11,100 *	50.1	397.9	13,900 *	56.6	412.9	19,600 *	220
230	42.6	372.6	9,600 *	47.3	388.4	12,100 *	54.1	405.4	17,100 *	230
240	39.3	360.2	8,200 *	44.4	377.9	10,500 *	51.5	397.2	15,000 *	240
250	35.8	346.1	6,900 *	41.3	366.3	9,000 *	48.7	388.2	13,000 *	250
260	32.0	329.9	5,700 *	37.9	353.2	7,600 *	45.9	378.2	11,300 *	260
270	27.6	310.7	4,600 *	34.3	338.3	6,400 *	42.8	367.1	9,700 *	270
280				30.2	321.0	5,300 *	39.6	354.8	8,300 *	280
290				25.5	300.2	4,200 *	36.1	340.8	7,000 *	290
300							32.3	324.8	5,800 *	300
310							27.9	305.9	4,700 *	310

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 160 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.9	439.5	26,300 *							95
100	73.8	437.9	25,800 *							100
105	72.6	436.1	25,300 *							105
110	71.4	434.2	24,900 *							110
115	70.3	432.2	24,400 *							115
120	69.1	430.1	23,900 *							120
125	67.9	427.9	23,500 *							125
130	66.7	425.5	22,900 *	70.5	431.2	24,500 *				130
135	65.4	423.0	22,300 *	69.3	429.1	24,100 *				135
140	64.2	420.4	21,600 *	68.1	426.9	23,600 *				140
145	63.0	417.6	21,000 *	66.9	424.6	23,200 *				145
150	61.7	414.7	20,400 *	65.6	422.1	22,800 *				150
155	60.4	411.6	19,800 *	64.4	419.5	22,400 *				155
160	59.1	408.4	19,100 *	63.2	416.7	22,000 *				160
165	57.8	405.0	18,500 *	61.9	413.8	21,600 *				165
170	56.4	401.4	17,900 *	60.6	410.8	21,300 *				170
175	55.1	397.7	17,300 *	59.3	407.6	20,700 *				175
180	53.7	393.7	16,700 *	58.0	404.2	20,200 *				180
185	52.3	389.6	16,100 *	56.7	400.7	19,700 *				185
190	50.8	385.2	15,500 *	55.3	396.9	19,300 *	61.9	408.7	20,700 *	190
195	49.3	380.6	14,900 *	53.9	393.0	18,800 *	60.6	405.7	20,500 *	195
200	47.8	375.8	14,400 *	52.5	388.9	18,400 *	59.3	402.5	20,200 *	200
205	46.2	370.7	13,800 *	51.0	384.6	18,000 *	58.0	399.1	19,900 *	205
210	44.6	365.3	13,300 *	49.6	380.0	17,600 *	56.6	395.6	19,600 *	210
215	43.0	359.5	12,800 *	48.0	375.2	17,300 *	55.3	391.8	19,200 *	215
220	41.2	353.5	12,300 *	46.5	370.2	16,500 *	53.9	387.9	18,800 *	220
230	37.6	340.1	11,400 *	43.2	359.2	14,600 *	51.0	379.5	18,000 *	230
240	33.5	324.6	10,500 *	39.7	346.7	13,000 *	48.0	370.1	17,300 *	240
250	29.0	306.3	9,400 *	36.0	332.6	11,500 *	44.9	359.7	15,500 *	250
260	23.5	283.5	8,200 *	31.7	316.1	10,100 *	41.5	348.0	13,800 *	260
270	16.1	251.1	6,500 *	26.9	296.2	8,900 *	37.9	334.8	12,200 *	270
280				20.8	270.4	7,700 *	33.9	319.5	10,800 *	280
290				11.4	228.6	6,000 *	29.4	301.5	9,500 *	290
300							24.0	279.0	8,300 *	300
310							16.8	247.8	7,200 *	310



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 170 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.5	450.0	25,000 *							95
100	74.4	448.4	24,600 *							100
105	73.3	446.7	24,200 *							105
110	72.2	444.9	23,700 *							110
115	71.0	443.0	23,300 *							115
120	69.9	441.0	22,800 *							120
125	68.7	438.8	22,200 *							125
130	67.6	436.6	21,700 *							130
135	66.4	434.2	21,200 *	70.1	440.0	23,900 *				135
140	65.2	431.7	20,600 *	68.9	437.8	23,500 *				140
145	64.1	429.0	20,100 *	67.8	435.6	23,100 *				145
150	62.8	426.2	19,500 *	66.6	433.2	22,700 *				150
155	61.6	423.3	18,900 *	65.4	430.7	22,300 *				155
160	60.4	420.3	18,300 *	64.3	428.1	21,700 *				160
165	59.1	417.0	17,800 *	63.0	425.4	21,100 *				165
170	57.9	413.7	17,200 *	61.8	422.5	20,600 *				170
175	56.6	410.1	16,600 *	60.6	419.4	20,100 *				175
180	55.3	406.4	16,100 *	59.3	416.2	19,600 *				180
185	53.9	402.5	15,500 *	58.1	412.9	19,100 *				185
190	52.6	398.4	15,000 *	56.8	409.4	18,700 *				190
195	51.2	394.1	14,400 *	55.5	405.7	18,300 *	61.8	417.4	20,000 *	195
200	49.8	389.6	13,900 *	54.1	401.8	17,900 *	60.6	414.3	19,700 *	200
205	48.3	384.9	13,400 *	52.8	397.8	17,500 *	59.3	411.1	19,500 *	205
210	46.8	379.9	12,900 *	51.4	393.5	17,100 *	58.1	407.8	19,000 *	210
215	45.3	374.6	12,400 *	50.0	389.0	16,700 *	56.8	404.3	18,600 *	215
220	43.7	369.0	12,000 *	48.5	384.3	16,000 *	55.5	400.6	18,200 *	220
230	40.4	356.9	11,100 *	45.5	374.1	14,100 *	52.8	392.7	17,500 *	230
240	36.8	343.2	10,200 *	42.3	362.8	12,500 *	50.0	383.9	16,800 *	240
250	32.9	327.4	8,900 *	38.9	350.0	11,000 *	47.0	374.2	15,000 *	250
260	28.4	308.6	7,700 *	35.2	335.5	9,600 *	43.9	363.5	13,300 *	260
270	23.0	285.2	6,600 *	31.1	318.6	8,400 *	40.6	351.5	11,700 *	270
280	15.7	252.2	5,000 *	26.3	298.3	7,200 *	37.1	337.9	10,300 *	280
290				20.4	271.9	6,200 *	33.2	322.3	9,000 *	290
300				11.1	229.3	4,600 *	28.7	303.8	7,800 *	300
310							23.5	280.9	6,700 *	310
320							16.4	249.0	5,700 *	320

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 180 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.0	458.9	23,100 *							100
105	73.9	457.3	22,700 *							105
110	72.8	455.6	22,300 *							110
115	71.7	453.7	21,900 *							115
120	70.6	451.8	21,400 *							120
125	69.5	449.7	21,000 *							125
130	68.4	447.6	20,500 *							130
135	67.3	445.3	20,000 *	70.8	450.7	23,100 *				135
140	66.2	442.9	19,500 *	69.7	448.7	22,800 *				140
145	65.1	440.3	19,000 *	68.6	446.6	22,500 *				145
150	63.9	437.7	18,500 *	67.5	444.3	22,100 *				150
155	62.7	434.9	18,000 *	66.4	441.9	21,600 *				155
160	61.6	432.0	17,500 *	65.2	439.4	21,000 *				160
165	60.4	428.9	16,900 *	64.1	436.8	20,500 *				165
170	59.2	425.7	16,400 *	62.9	434.0	20,000 *				170
175	57.9	422.3	15,900 *	61.8	431.1	19,500 *				175
180	56.7	418.8	15,400 *	60.6	428.1	19,000 *				180
185	55.4	415.1	14,900 *	59.4	424.9	18,600 *				185
190	54.2	411.3	14,400 *	58.1	421.6	18,200 *				190
195	52.8	407.3	13,900 *	56.9	418.1	17,800 *	62.9	428.9	19,300 *	195
200	51.5	403.0	13,400 *	55.6	414.4	17,400 *	61.7	426.0	19,100 *	200
205	50.2	398.6	12,900 *	54.4	410.6	17,000 *	60.6	423.0	18,800 *	205
210	48.8	393.9	12,500 *	53.1	406.6	16,700 *	59.4	419.8	18,400 *	210
215	47.3	389.0	12,000 *	51.7	402.4	16,300 *	58.1	416.5	18,100 *	215
220	45.9	383.9	11,600 *	50.4	398.0	15,300 *	56.9	413.0	17,700 *	220
230	42.8	372.7	10,700 *	47.6	388.5	13,500 *	54.3	405.5	17,000 *	230
240	39.6	360.3	9,500 *	44.6	378.0	11,900 *	51.7	397.3	16,300 *	240
250	36.1	346.2	8,300 *	41.5	366.4	10,400 *	49.0	388.2	14,400 *	250
260	32.2	330.0	7,100 *	38.2	353.3	9,000 *	46.1	378.3	12,700 *	260
270	27.8	310.9	6,000 *	34.5	338.4	7,800 *	43.1	367.2	11,100 *	270
280	22.6	287.0	5,000 *	30.5	321.1	6,600 *	39.8	354.9	9,700 *	280
290				25.8	300.3	5,600 *	36.4	341.0	8,400 *	290
300				19.9	273.4	4,600 *	32.5	324.9	7,200 *	300
310							28.2	306.1	6,100 *	310
320							23.0	282.7	5,100 *	320
330							16.1	250.2	4,100 *	330



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 190 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.5	469.4	21,600 *							100
105	74.5	467.8	21,200 *							105
110	73.4	466.1	20,900 *							110
115	72.4	464.4	20,500 *							115
120	71.3	462.5	20,100 *							120
125	70.3	460.5	19,700 *							125
130	69.2	458.5	19,300 *							130
135	68.2	456.3	18,900 *							135
140	67.1	454.0	18,500 *	70.5	459.5	22,000 *				140
145	66.0	451.5	18,000 *	69.4	457.4	21,700 *				145
150	64.9	449.0	17,500 *	68.3	455.3	21,400 *				150
155	63.8	446.3	17,100 *	67.3	453.0	20,900 *				155
160	62.6	443.5	16,600 *	66.2	450.6	20,400 *				160
165	61.5	440.6	16,100 *	65.1	448.1	19,900 *				165
170	60.4	437.6	15,700 *	64.0	445.4	19,400 *				170
175	59.2	434.4	15,200 *	62.8	442.7	18,900 *				175
180	58.0	431.0	14,700 *	61.7	439.8	18,500 *				180
185	56.8	427.5	14,300 *	60.6	436.7	18,100 *				185
190	55.6	423.9	13,800 *	59.4	433.6	17,700 *				190
195	54.4	420.1	13,300 *	58.2	430.2	17,300 *				195
200	53.1	416.1	12,900 *	57.0	426.8	16,900 *	62.8	437.6	18,300 *	200
205	51.8	411.9	12,400 *	55.8	423.2	16,500 *	61.7	434.7	18,200 *	205
210	50.5	407.5	12,000 *	54.6	419.4	16,200 *	60.5	431.7	17,800 *	210
215	49.2	402.9	11,600 *	53.3	415.4	15,700 *	59.4	428.5	17,500 *	215
220	47.8	398.1	11,200 *	52.0	411.2	14,700 *	58.2	425.2	17,100 *	220
230	45.0	387.8	10,400 *	49.4	402.4	12,900 *	55.8	418.1	16,500 *	230
240	42.0	376.4	9,000 *	46.7	392.6	11,300 *	53.3	410.3	15,700 *	240
250	38.8	363.6	7,700 *	43.8	381.8	9,800 *	50.7	401.8	13,800 *	250
260	35.4	349.2	6,500 *	40.7	369.9	8,400 *	48.0	392.5	12,100 *	260
270	31.6	332.6	5,400 *	37.4	356.5	7,200 *	45.2	382.2	10,500 *	270
280	27.3	313.1	4,400 *	33.9	341.2	6,100 *	42.3	370.9	9,100 *	280
290				29.9	323.6	5,000 *	39.1	358.2	7,800 *	290
300				25.3	302.3	4,000 *	35.7	344.0	6,600 *	300
310							31.9	327.6	5,500 *	310
320							27.6	308.3	4,500 *	320

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 200 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	76.0	479.8	20,100 *							100
105	75.0	478.3	19,800 *							105
110	74.0	476.7	19,500 *							110
115	73.0	475.0	19,100 *							115
120	72.0	473.2	18,800 *							120
125	71.0	471.3	18,400 *							125
130	70.0	469.3	18,100 *							130
135	68.9	467.2	17,700 *							135
140	67.9	465.0	17,300 *							140
145	66.8	462.6	16,900 *	70.1	468.3	20,700 *				145
150	65.8	460.2	16,500 *	69.1	466.2	20,400 *				150
155	64.7	457.7	16,100 *	68.1	464.0	20,200 *				155
160	63.6	455.0	15,700 *	67.0	461.7	19,800 *				160
165	62.6	452.2	15,300 *	66.0	459.3	19,400 *				165
170	61.5	449.3	14,800 *	64.9	456.7	18,900 *				170
175	60.3	446.2	14,400 *	63.8	454.1	18,500 *				175
180	59.2	443.0	14,000 *	62.7	451.3	18,000 *				180
185	58.1	439.7	13,600 *	61.6	448.4	17,600 *				185
190	56.9	436.2	13,100 *	60.5	445.4	17,300 *				190
195	55.8	432.6	12,700 *	59.4	442.2	16,900 *				195
200	54.6	428.8	12,300 *	58.3	438.9	16,500 *				200
205	53.4	424.9	11,900 *	57.1	435.5	16,200 *	62.7	446.2	17,300 *	205
210	52.1	420.8	11,500 *	56.0	431.9	15,900 *	61.6	443.3	17,100 *	210
215	50.9	416.4	11,100 *	54.8	428.1	15,100 *	60.5	440.3	17,000 *	215
220	49.6	411.9	10,700 *	53.6	424.2	14,100 *	59.4	437.1	16,700 *	220
230	47.0	402.3	9,700 *	51.1	415.8	12,300 *	57.1	430.4	16,000 *	230
240	44.2	391.7	8,300 *	48.5	406.7	10,600 *	54.7	423.0	15,100 *	240
250	41.3	379.9	7,100 *	45.8	396.6	9,100 *	52.3	415.0	13,200 *	250
260	38.1	366.8	5,900 *	43.0	385.6	7,800 *	49.8	406.2	11,400 *	260
270	34.7	352.1	4,800 *	40.0	373.3	6,600 *	47.2	396.6	9,900 *	270
280				36.8	359.6	5,400 *	44.4	386.1	8,500 *	280
290				33.2	344.0	4,400 *	41.5	374.5	7,200 *	290
300							38.4	361.5	6,000 *	300
310							35.0	346.9	4,900 *	310



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 160 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	76.0	460.6	21,000 *							95
100	74.9	459.1	20,500 *							100
105	73.8	457.4	20,100 *							105
110	72.8	455.7	19,700 *							110
115	71.7	453.9	19,300 *							115
120	70.6	451.9	18,800 *							120
125	69.5	449.9	18,400 *							125
130	68.4	447.7	18,000 *							130
135	67.3	445.4	17,600 *	70.8	450.9	18,400 *				135
140	66.1	443.0	17,100 *	69.7	448.9	18,000 *				140
145	65.0	440.5	16,800 *	68.6	446.7	17,600 *				145
150	63.9	437.8	16,400 *	67.5	444.4	17,200 *				150
155	62.7	435.1	16,000 *	66.3	442.1	16,900 *				155
160	61.5	432.1	15,700 *	65.2	439.6	16,500 *				160
165	60.3	429.1	15,300 *	64.1	436.9	16,200 *				165
170	59.1	425.9	15,100 *	62.9	434.2	15,900 *				170
175	57.9	422.5	14,700 *	61.7	431.3	15,500 *				175
180	56.7	419.0	14,400 *	60.5	428.2	15,200 *				180
185	55.4	415.3	14,100 *	59.3	425.1	14,900 *				185
190	54.1	411.5	13,900 *	58.1	421.7	14,600 *				190
195	52.8	407.4	13,600 *	56.9	418.2	14,300 *	62.9	429.1	15,100 *	195
200	51.5	403.2	13,300 *	55.6	414.6	14,000 *	61.7	426.2	14,800 *	200
205	50.1	398.8	13,000 *	54.3	410.8	13,800 *	60.5	423.2	14,500 *	205
210	48.7	394.1	12,600 *	53.0	406.8	13,500 *	59.3	420.0	14,300 *	210
215	47.3	389.2	12,200 *	51.7	402.6	13,200 *	58.1	416.6	14,100 *	215
220	45.8	384.1	11,800 *	50.3	398.2	13,000 *	56.8	413.2	13,800 *	220
230	42.8	372.9	11,000 *	47.5	388.7	12,600 *	54.3	405.7	13,400 *	230
240	39.6	360.5	10,200 *	44.6	378.2	12,200 *	51.7	397.5	12,900 *	240
250	36.1	346.5	9,400 *	41.5	366.6	11,500 *	48.9	388.4	12,500 *	250
260	32.2	330.3	8,200 *	38.1	353.5	10,100 *	46.1	378.5	12,100 *	260
270	27.8	311.2	7,100 *	34.5	338.7	8,900 *	43.0	367.4	11,800 *	270
280	22.6	287.4	6,100 *	30.5	321.4	7,800 *	39.8	355.1	10,800 *	280
290	15.5	254.0	4,600 *	25.8	300.7	6,700 *	36.3	341.2	9,500 *	290
300				20.0	273.9	5,700 *	32.5	325.2	8,300 *	300
310				11.0	230.9	4,300 *	28.2	306.4	7,300 *	310
320							23.0	283.1	6,200 *	320
330							16.1	250.8	5,300 *	330

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 170 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.4	469.5	20,100 *							100
105	74.4	468.0	19,700 *							105
110	73.4	466.3	19,300 *							110
115	72.3	464.5	18,900 *							115
120	71.3	462.7	18,500 *							120
125	70.2	460.7	18,100 *							125
130	69.2	458.6	17,700 *							130
135	68.1	456.4	17,300 *							135
140	67.0	454.1	17,000 *	70.4	459.7	17,700 *				140
145	65.9	451.7	16,600 *	69.4	457.6	17,300 *				145
150	64.8	449.2	16,300 *	68.3	455.4	17,000 *				150
155	63.7	446.5	15,900 *	67.2	453.1	16,600 *				155
160	62.6	443.7	15,600 *	66.1	450.7	16,300 *				160
165	61.5	440.8	15,200 *	65.0	448.2	16,000 *				165
170	60.3	437.7	14,900 *	63.9	445.6	15,700 *				170
175	59.2	434.5	14,700 *	62.8	442.8	15,300 *				175
180	58.0	431.2	14,300 *	61.7	439.9	15,100 *				180
185	56.8	427.7	14,100 *	60.5	436.9	14,800 *				185
190	55.6	424.1	13,800 *	59.3	433.7	14,500 *				190
195	54.3	420.2	13,400 *	58.2	430.4	14,200 *				195
200	53.1	416.3	13,000 *	57.0	426.9	13,900 *	62.8	437.7	14,500 *	200
205	51.8	412.1	12,600 *	55.8	423.3	13,700 *	61.6	434.8	14,300 *	205
210	50.5	407.7	12,200 *	54.5	419.5	13,400 *	60.5	431.8	14,100 *	210
215	49.2	403.1	11,800 *	53.3	415.6	13,200 *	59.3	428.6	13,900 *	215
220	47.8	398.3	11,400 *	52.0	411.4	13,000 *	58.2	425.3	13,700 *	220
230	45.0	388.0	10,600 *	49.4	402.6	12,500 *	55.7	418.2	13,200 *	230
240	42.0	376.6	9,900 *	46.6	392.8	12,100 *	53.3	410.5	12,800 *	240
250	38.8	363.8	8,900 *	43.8	382.0	11,000 *	50.7	402.0	12,400 *	250
260	35.4	349.4	7,700 *	40.7	370.1	9,600 *	48.0	392.7	12,100 *	260
270	31.6	332.9	6,700 *	37.4	356.7	8,400 *	45.2	382.4	11,700 *	270
280	27.3	313.4	5,700 *	33.9	341.5	7,300 *	42.2	371.1	10,300 *	280
290	22.1	289.2	4,700 *	29.9	323.9	6,200 *	39.1	358.5	9,000 *	290
300				25.3	302.7	5,300 *	35.7	344.2	7,800 *	300
310				19.6	275.4	4,400 *	31.9	327.9	6,800 *	310
320							27.6	308.6	5,800 *	320
330							22.6	284.9	4,800 *	330



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 180 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.9	479.9	19,300 *							100
105	75.0	478.4	19,100 *							105
110	74.0	476.8	18,800 *							110
115	73.0	475.1	18,400 *							115
120	71.9	473.3	18,100 *							120
125	70.9	471.4	17,700 *							125
130	69.9	469.4	17,400 *							130
135	68.9	467.3	17,000 *							135
140	67.8	465.1	16,700 *							140
145	66.8	462.8	16,300 *	70.1	468.4	16,900 *				145
150	65.7	460.4	16,000 *	69.1	466.3	16,600 *				150
155	64.7	457.8	15,700 *	68.0	464.1	16,300 *				155
160	63.6	455.1	15,400 *	67.0	461.8	16,000 *				160
165	62.5	452.4	15,100 *	65.9	459.4	15,700 *				165
170	61.4	449.4	14,700 *	64.9	456.9	15,400 *				170
175	60.3	446.4	14,300 *	63.8	454.2	15,100 *				175
180	59.2	443.2	13,900 *	62.7	451.5	14,900 *				180
185	58.0	439.9	13,600 *	61.6	448.6	14,600 *				185
190	56.9	436.4	13,200 *	60.5	445.6	14,300 *				190
195	55.7	432.8	12,800 *	59.4	442.4	14,000 *				195
200	54.5	429.0	12,400 *	58.2	439.1	13,800 *				200
205	53.3	425.1	12,000 *	57.1	435.6	13,500 *	62.7	446.4	14,000 *	205
210	52.1	420.9	11,700 *	55.9	432.1	13,300 *	61.6	443.5	13,800 *	210
215	50.8	416.6	11,300 *	54.7	428.3	13,100 *	60.5	440.5	13,600 *	215
220	49.6	412.1	10,900 *	53.5	424.4	12,900 *	59.4	437.3	13,400 *	220
230	46.9	402.5	10,200 *	51.0	416.0	12,700 *	57.1	430.6	13,000 *	230
240	44.2	391.9	9,500 *	48.5	406.9	11,800 *	54.7	423.2	12,600 *	240
250	41.2	380.1	8,300 *	45.8	396.8	10,400 *	52.3	415.2	12,300 *	250
260	38.1	367.1	7,100 *	43.0	385.8	9,000 *	49.8	406.4	11,900 *	260
270	34.7	352.4	6,000 *	40.0	373.5	7,800 *	47.1	396.8	11,100 *	270
280	31.0	335.5	5,000 *	36.7	359.8	6,700 *	44.4	386.3	9,700 *	280
290	26.8	315.6	4,100 *	33.2	344.3	5,600 *	41.5	374.7	8,400 *	290
300				29.3	326.3	4,700 *	38.4	361.7	7,200 *	300
310							35.0	347.2	6,200 *	310
320							31.3	330.5	5,200 *	320
330							27.1	310.8	4,200 *	330

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 190 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
105	75.5	488.9	17,900 *							105
110	74.5	487.3	17,600 *							110
115	73.5	485.7	17,400 *							115
120	72.6	484.0	17,100 *							120
125	71.6	482.1	16,800 *							125
130	70.6	480.2	16,600 *							130
135	69.6	478.2	16,300 *							135
140	68.6	476.1	16,000 *							140
145	67.6	473.8	15,600 *	70.8	479.2	16,500 *				145
150	66.6	471.5	15,300 *	69.8	477.2	16,200 *				150
155	65.6	469.0	15,000 *	68.8	475.1	15,900 *				155
160	64.5	466.5	14,700 *	67.8	472.8	15,800 *				160
165	63.5	463.8	14,300 *	66.8	470.5	15,400 *				165
170	62.4	461.0	14,000 *	65.7	468.1	15,100 *				170
175	61.4	458.1	13,600 *	64.7	465.6	14,900 *				175
180	60.3	455.1	13,300 *	63.7	462.9	14,600 *				180
185	59.2	451.9	12,900 *	62.6	460.1	14,300 *				185
190	58.1	448.6	12,600 *	61.6	457.2	14,100 *				190
195	57.0	445.1	12,200 *	60.5	454.2	13,900 *				195
200	55.9	441.5	11,900 *	59.4	451.1	13,600 *				200
205	54.7	437.8	11,500 *	58.3	447.8	13,400 *				205
210	53.5	433.9	11,200 *	57.2	444.3	13,200 *	62.6	455.0	13,400 *	210
215	52.4	429.8	10,800 *	56.1	440.8	12,900 *	61.5	452.2	13,300 *	215
220	51.2	425.5	10,500 *	54.9	437.1	12,700 *	60.5	449.1	13,100 *	220
230	48.7	416.5	9,800 *	52.6	429.1	12,300 *	58.3	442.7	12,800 *	230
240	46.1	406.5	8,900 *	50.1	420.5	11,200 *	56.0	435.7	12,400 *	240
250	43.4	395.6	7,700 *	47.6	411.1	9,800 *	53.7	428.1	12,100 *	250
260	40.5	383.6	6,500 *	45.0	400.8	8,400 *	51.3	419.8	11,800 *	260
270	37.4	370.3	5,400 *	42.2	389.4	7,200 *	48.9	410.8	10,500 *	270
280	34.1	355.2	4,500 *	39.3	376.9	6,100 *	46.3	400.9	9,100 *	280
290				36.1	362.9	5,000 *	43.6	390.1	7,800 *	290
300				32.6	347.0	4,100 *	40.7	378.2	6,600 *	300
310							37.7	365.0	5,600 *	310
320							34.4	350.1	4,600 *	320



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 200 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
105	75.9	499.3	16,700 *							105
110	75.0	497.8	16,500 *							110
115	74.1	496.2	16,200 *							115
120	73.1	494.5	16,000 *							120
125	72.2	492.8	15,700 *							125
130	71.2	490.9	15,500 *							130
135	70.3	489.0	15,200 *							135
140	69.3	486.9	15,000 *							140
145	68.3	484.8	14,700 *							145
150	67.4	482.5	14,400 *	70.4	487.9	15,700 *				150
155	66.4	480.2	14,100 *	69.5	485.9	15,500 *				155
160	65.4	477.7	13,800 *	68.5	483.8	15,200 *				160
165	64.4	475.1	13,500 *	67.5	481.5	15,000 *				165
170	63.4	472.5	13,200 *	66.5	479.2	14,700 *				170
175	62.4	469.7	12,900 *	65.6	476.8	14,500 *				175
180	61.3	466.7	12,600 *	64.6	474.2	14,300 *				180
185	60.3	463.7	12,200 *	63.5	471.6	14,000 *				185
190	59.2	460.5	11,900 *	62.5	468.8	13,800 *				190
195	58.2	457.3	11,600 *	61.5	465.9	13,600 *				195
200	57.1	453.8	11,300 *	60.5	462.9	13,400 *				200
205	56.0	450.2	11,000 *	59.4	459.7	13,100 *				205
210	54.9	446.5	10,600 *	58.3	456.5	12,900 *				210
215	53.8	442.7	10,300 *	57.3	453.0	12,700 *	62.5	463.7	12,800 *	215
220	52.6	438.6	10,000 *	56.2	449.5	12,500 *	61.5	460.8	12,700 *	220
230	50.3	430.0	9,400 *	54.0	442.0	12,100 *	59.4	454.6	12,400 *	230
240	47.8	420.7	8,300 *	51.7	433.8	10,600 *	57.3	448.0	12,100 *	240
250	45.3	410.5	7,100 *	49.3	424.9	9,100 *	55.1	440.7	11,800 *	250
260	42.6	399.4	5,900 *	46.8	415.2	7,800 *	52.8	432.9	11,400 *	260
270	39.8	387.1	4,800 *	44.2	404.6	6,600 *	50.5	424.3	9,900 *	270
280				41.5	393.0	5,500 *	48.0	415.0	8,500 *	280
290				38.6	380.2	4,400 *	45.5	404.9	7,200 *	290
300							42.8	393.9	6,000 *	300
310							40.0	381.7	4,900 *	310

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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.1	394.5	43,700 *c							70
75	73.6	393.0	42,500 *c							75
80	72.1	391.4	41,300 *c							80
85	70.6	389.6	40,000 *c							85
90	69.1	387.7	38,600 *b							90
95	67.5	385.6	37,200 *b							95
100	66.0	383.3	35,800 *b							100
105	64.4	380.9	34,400 *b	69.6	386.9	46,000 *c				105
110	62.8	378.3	33,000 *b	68.1	384.9	45,200 *b				110
115	61.2	375.5	31,600 *b	66.5	382.7	44,200 *b				115
120	59.5	372.6	30,200 *b	64.9	380.3	43,200 *b				120
125	57.9	369.4	28,800 *b	63.4	377.8	42,000 *b				125
130	56.2	366.0	27,500 *b	61.8	375.1	40,800 *b				130
135	54.4	362.5	26,300 *	60.1	372.2	39,500 *b				135
140	52.6	358.6	25,000 *	58.4	369.1	38,200 *b				140
145	50.8	354.5	23,800 *	56.7	365.8	36,800 *b				145
150	48.9	350.2	22,700 *	55.0	362.3	35,100 *				150
155	47.0	345.5	21,600 *	53.2	358.5	32,800 *	62.2	370.5	36,800 *b	155
160	45.0	340.5	20,600 *	51.4	354.5	30,800 *	60.5	367.6	35,700 *b	160
165	42.9	335.1	19,600 *	49.6	350.3	28,800 *	58.9	364.6	34,700 *b	165
170	40.7	329.3	18,600 *	47.7	345.7	27,100 *	57.2	361.4	33,300 *b	170
175	38.5	323.1	17,700 *	45.7	340.8	25,400 *	55.5	357.9	31,700 *	175
180	36.1	316.3	16,900 *	43.6	335.6	23,900 *	53.7	354.2	30,200 *	180
185	33.5	308.8	16,100 *	41.5	329.9	22,500 *	51.9	350.3	28,700 *	185
190	30.8	300.5	15,300 *	39.2	323.8	21,200 *	50.1	346.1	27,400 *	190
195	27.8	291.2	14,600 *	36.9	317.2	19,900 *	48.2	341.6	26,100 *	195
200	24.4	280.6	14,000 *	34.4	310.0	18,800 *	46.2	336.8	24,900 *	200
205	20.6	267.9	13,400 *	31.7	302.0	17,700 *	44.2	331.7	23,700 *	205
210	15.8	251.7	12,800 *	28.8	293.1	16,600 *	42.0	326.1	22,600 *	210
215	8.4	226.3	10,400 *	25.6	283.0	15,700 *	39.8	320.2	21,500 *	215
220				22.0	271.1	14,700 *	37.5	313.7	20,300 *	220
230				11.5	235.7	12,400 *	32.4	298.9	18,000 *	230
240							26.5	280.4	15,900 *	240
250							18.8	255.3	14,100 *	250



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.8	404.9	40,800 * c							70
75	74.4	403.5	39,800 * c							75
80	73.0	401.9	38,700 * c							80
85	71.5	400.2	37,600 * c							85
90	70.1	398.4	36,400 * c							90
95	68.7	396.4	35,200 * b							95
100	67.2	394.3	34,000 * b							100
105	65.7	392.0	32,700 * b	70.6	397.6	42,700 * c				105
110	64.2	389.6	31,500 * b	69.2	395.7	42,100 * b				110
115	62.7	387.0	30,200 * b	67.7	393.6	41,400 * b				115
120	61.1	384.2	29,000 * b	66.2	391.4	40,600 * b				120
125	59.6	381.2	27,800 * b	64.7	389.0	39,600 * b				125
130	58.0	378.1	26,600 * b	63.2	386.4	38,600 * b				130
135	56.3	374.7	25,400 * b	61.7	383.7	37,600 * b				135
140	54.7	371.2	24,200 *	60.1	380.8	36,400 * b				140
145	53.0	367.4	23,100 *	58.5	377.8	35,200 * b				145
150	51.3	363.4	22,100 *	56.9	374.5	34,000 * b				150
155	49.5	359.1	21,000 *	55.3	371.0	32,400 *				155
160	47.7	354.5	20,100 *	53.6	367.3	30,300 *	62.1	379.1	34,400 * b	160
165	45.8	349.7	19,100 *	51.9	363.4	28,400 *	60.5	376.3	33,400 * b	165
170	43.8	344.5	18,200 *	50.1	359.2	26,600 *	58.9	373.3	32,400 * b	170
175	41.8	338.9	17,400 *	48.3	354.7	25,000 *	57.3	370.0	31,200 * b	175
180	39.7	332.9	16,600 *	46.4	350.0	23,500 *	55.7	366.6	29,600 * b	180
185	37.5	326.4	15,800 *	44.5	344.9	22,000 *	54.0	363.0	28,200 *	185
190	35.2	319.4	15,000 *	42.5	339.4	20,700 *	52.3	359.1	26,900 *	190
195	32.7	311.7	14,300 *	40.4	333.6	19,500 *	50.6	355.0	25,600 *	195
200	30.0	303.1	13,700 *	38.3	327.3	18,300 *	48.8	350.6	24,400 *	200
205	27.1	293.6	13,100 *	36.0	320.4	17,200 *	46.9	345.9	23,200 *	205
210	23.8	282.6	12,500 *	33.5	313.0	16,200 *	45.0	340.9	22,100 *	210
215	20.1	269.6	12,000 *	30.9	304.7	15,200 *	43.0	335.6	21,100 *	215
220	15.4	253.0	10,800 *	28.1	295.6	14,300 *	41.0	329.8	19,800 *	220
230				21.4	272.9	12,600 *	36.6	316.9	17,500 *	230
240				11.2	236.6	10,500 *	31.6	301.6	15,500 *	240
250							25.8	282.7	13,700 *	250
260							18.3	256.8	12,000 *	260

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 180 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.1	413.9	37,000 * c							75
80	73.8	412.4	36,100 * c							80
85	72.4	410.8	35,100 * c							85
90	71.0	409.1	34,100 * c							90
95	69.7	407.2	33,100 * c							95
100	68.3	405.2	32,000 * b							100
105	66.9	403.0	30,900 * b							105
110	65.5	400.7	29,800 * b	70.1	406.4	39,000 * c				110
115	64.0	398.2	28,700 * b	68.8	404.4	38,400 * b				115
120	62.6	395.6	27,600 * b	67.4	402.3	37,800 * b				120
125	61.1	392.9	26,500 * b	65.9	400.1	37,100 * b				125
130	59.6	389.9	25,500 * b	64.5	397.7	36,300 * b				130
135	58.1	386.8	24,400 * b	63.1	395.1	35,400 * b				135
140	56.5	383.4	23,300 * b	61.6	392.4	34,500 * b				140
145	54.9	379.9	22,300 *	60.1	389.5	33,500 * b				145
150	53.3	376.2	21,300 *	58.6	386.4	32,500 * b				150
155	51.7	372.2	20,400 *	57.1	383.2	31,400 * b				155
160	50.0	368.0	19,500 *	55.5	379.7	29,700 *				160
165	48.3	363.6	18,600 *	53.9	376.1	27,700 *	62.0	387.8	31,800 * b	165
170	46.5	358.8	17,700 *	52.3	372.2	26,000 *	60.5	385.0	31,000 * b	170
175	44.7	353.8	16,900 *	50.6	368.1	24,300 *	59.0	381.9	30,100 * b	175
180	42.8	348.4	16,100 *	48.9	363.7	22,800 *	57.5	378.7	28,800 * b	180
185	40.8	342.6	15,400 *	47.1	359.0	21,400 *	55.9	375.3	27,400 * b	185
190	38.7	336.4	14,700 *	45.3	354.1	20,100 *	54.3	371.7	26,000 *	190
195	36.6	329.7	14,000 *	43.4	348.8	18,800 *	52.7	367.9	24,800 *	195
200	34.3	322.4	13,300 *	41.5	343.2	17,700 *	51.0	363.8	23,500 *	200
205	31.9	314.5	12,700 *	39.4	337.1	16,600 *	49.3	359.5	22,400 *	205
210	29.3	305.7	12,200 *	37.3	330.6	15,600 *	47.6	355.0	21,300 *	210
215	26.4	295.9	11,600 *	35.1	323.5	14,600 *	45.8	350.1	20,300 *	215
220	23.3	284.6	10,900 *	32.7	315.8	13,700 *	43.9	344.9	19,200 *	220
230	15.0	254.3	8,900 *	27.4	297.9	12,000 *	40.0	333.4	16,900 *	230
240				20.9	274.7	10,400 *	35.7	320.1	14,900 *	240
250				11.0	237.5	8,500 *	30.9	304.4	13,000 *	250
260							25.2	284.8	11,400 *	260
270							17.9	258.3	9,900 *	270



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

248,700 Lb. Crane Counterweight

120,000 Lb. Carbody Counterweight

360 Degree Rating

Designed And Tested With The Intent To Be In The Scope of ANSI B30.5
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190 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.8	424.2	34,500 * c							75
80	74.5	422.8	33,600 * c							80
85	73.2	421.3	32,800 * c							85
90	71.9	419.7	32,000 * c							90
95	70.6	417.9	31,100 * c							95
100	69.3	416.0	30,200 * c							100
105	67.9	413.9	29,200 * b							105
110	66.6	411.7	28,300 * b	71.0	417.1	36,100 * c				110
115	65.2	409.4	27,300 * b	69.7	415.2	35,700 * c				115
120	63.8	406.9	26,300 * b	68.4	413.2	35,200 * b				120
125	62.5	404.3	25,300 * b	67.0	411.1	34,600 * b				125
130	61.0	401.5	24,400 * b	65.7	408.8	34,000 * b				130
135	59.6	398.6	23,400 * b	64.3	406.4	33,300 * b				135
140	58.2	395.4	22,500 * b	62.9	403.8	32,500 * b				140
145	56.7	392.1	21,500 * b	61.5	401.1	31,700 * b				145
150	55.2	388.6	20,600 *	60.1	398.2	30,800 * b				150
155	53.6	384.9	19,700 *	58.7	395.1	30,000 * b				155
160	52.1	381.0	18,900 *	57.2	391.9	29,000 * b				160
165	50.5	376.9	18,000 *	55.7	388.4	27,100 * b				165
170	48.8	372.5	17,200 *	54.2	384.8	25,400 *	61.9	396.5	29,600 * b	170
175	47.1	367.9	16,500 *	52.6	381.0	23,700 *	60.5	393.6	28,900 * b	175
180	45.4	363.0	15,700 *	51.0	376.9	22,200 *	59.0	390.6	28,100 * b	180
185	43.6	357.7	15,000 *	49.4	372.6	20,800 *	57.6	387.4	26,600 * b	185
190	41.8	352.1	14,300 *	47.7	368.1	19,500 *	56.1	384.0	25,300 * b	190
195	39.8	346.2	13,700 *	46.0	363.2	18,200 *	54.6	380.5	24,000 *	195
200	37.8	339.8	13,100 *	44.2	358.1	17,100 *	53.0	376.7	22,800 *	200
205	35.7	332.9	12,500 *	42.4	352.6	16,000 *	51.4	372.7	21,700 *	205
210	33.5	325.4	11,900 *	40.5	346.8	15,000 *	49.8	368.5	20,600 *	210
215	31.2	317.2	11,100 *	38.5	340.6	14,000 *	48.2	364.0	19,600 *	215
220	28.6	308.2	10,300 *	36.5	333.8	13,100 *	46.5	359.2	18,600 *	220
230	22.7	286.6	8,900 *	32.0	318.7	11,400 *	42.9	348.8	16,300 *	230
240	14.7	255.5	7,000 *	26.8	300.3	9,800 *	39.1	336.9	14,300 *	240
250				20.4	276.4	8,400 *	34.9	323.2	12,500 *	250
260				10.7	238.4	6,700 *	30.2	307.0	10,800 *	260
270							24.6	287.0	9,300 *	270
280							17.5	259.8	8,000 *	280

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 200 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.4	433.6	30,000 * c							80
85	74.2	432.1	30,000 * c							85
90	73.0	430.6	29,700 * c							90
95	71.7	428.9	29,000 * c							95
100	70.5	427.1	28,200 * c							100
105	69.2	425.2	27,400 * b							105
110	67.9	423.1	26,600 * b							110
115	66.6	421.0	25,800 * b	70.9	426.3	30,000 * c				115
120	65.3	418.6	25,000 * b	69.6	424.4	30,000 * c				120
125	64.0	416.2	24,100 * b	68.3	422.4	30,000 * b				125
130	62.7	413.6	23,300 * b	67.1	420.3	30,000 * b				130
135	61.3	410.8	22,400 * b	65.8	418.0	30,000 * b				135
140	59.9	407.9	21,600 * b	64.5	415.6	30,000 * b				140
145	58.6	404.9	20,700 * b	63.1	413.1	29,700 * b				145
150	57.1	401.6	19,900 * b	61.8	410.4	29,000 * b				150
155	55.7	398.2	19,100 * b	60.4	407.5	28,300 * b				155
160	54.3	394.6	18,300 *	59.0	404.5	27,600 * b				160
165	52.8	390.8	17,500 *	57.6	401.3	26,800 * b				165
170	51.2	386.7	16,800 *	56.2	397.9	26,000 * b				170
175	49.7	382.5	16,100 *	54.8	394.4	24,900 *	62.1	405.8	28,300 * b	175
180	48.1	378.0	15,400 *	53.3	390.7	23,200 *	60.8	403.0	27,600 * b	180
185	46.5	373.3	14,700 *	51.8	386.7	21,600 *	59.4	400.0	26,800 * b	185
190	44.8	368.2	14,100 *	50.2	382.5	20,200 *	58.0	396.8	26,100 * b	190
195	43.1	362.9	13,400 *	48.7	378.1	18,800 *	56.6	393.5	25,100 * b	195
200	41.3	357.2	12,800 *	47.0	373.5	17,500 *	55.1	390.0	23,800 *	200
205	39.4	351.1	12,300 *	45.4	368.5	16,300 *	53.7	386.3	22,500 *	205
210	37.5	344.6	11,700 *	43.7	363.3	15,200 *	52.2	382.5	21,300 *	210
215	35.4	337.7	11,100 *	41.9	357.7	14,200 *	50.6	378.3	20,200 *	215
220	33.3	330.1	10,300 *	40.1	351.8	13,200 *	49.1	374.0	19,100 *	220
230	28.6	312.9	8,700 *	36.2	338.7	11,400 *	45.8	364.5	16,700 *	230
240	23.0	291.4	7,300 *	31.8	323.4	9,800 *	42.4	353.9	14,500 *	240
250	15.5	261.4	5,700 *	26.9	305.0	8,300 *	38.7	341.9	12,500 *	250
260				20.8	281.4	6,900 *	34.6	328.0	10,800 *	260
270				12.0	245.6	5,500 *	30.1	311.7	9,200 *	270
280							24.8	291.7	7,800 *	280
290							18.1	265.1	6,500 *	290
300							5.7	214.0	5,200 *	300



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	412.1	36,200 * ^b							80
85	73.5	410.5	35,300 *							85
90	72.2	408.8	34,400 *							90
95	70.8	406.9	33,400 *							95
100	69.4	404.9	32,300 *							100
105	68.0	402.7	31,300 *							105
110	66.6	400.4	30,200 *							110
115	65.1	398.0	29,200 *	69.9	404.2	38,700 *				115
120	63.7	395.3	28,100 *	68.5	402.0	37,900 *				120
125	62.2	392.6	27,000 *	67.1	399.8	37,000 *				125
130	60.7	389.6	25,900 *	65.6	397.4	36,000 *				130
135	59.2	386.5	24,900 *	64.2	394.8	35,100 *				135
140	57.6	383.1	23,900 *	62.7	392.1	34,300 *				140
145	56.0	379.6	22,900 *	61.2	389.2	33,500 *				145
150	54.4	375.9	21,900 *	59.7	386.1	32,700 *				150
155	52.8	371.9	20,900 *	58.2	382.9	31,900 *				155
160	51.1	367.7	20,000 *	56.6	379.4	30,800 *				160
165	49.4	363.2	19,200 *	55.0	375.7	29,600 *				165
170	47.6	358.4	18,300 *	53.3	371.8	27,800 *	61.6	384.7	32,200 *	170
175	45.7	353.4	17,500 *	51.7	367.7	26,100 *	60.1	381.6	31,400 *	175
180	43.8	348.0	16,700 *	50.0	363.3	24,600 *	58.6	378.4	30,400 *	180
185	41.9	342.2	16,000 *	48.2	358.7	23,100 *	57.0	375.0	29,000 *	185
190	39.8	335.9	15,300 *	46.4	353.7	21,800 *	55.4	371.4	27,600 *	190
195	37.6	329.2	14,600 *	44.5	348.4	20,500 *	53.8	367.6	26,300 *	195
200	35.4	321.9	14,000 *	42.5	342.8	19,400 *	52.1	363.5	25,100 *	200
205	32.9	314.0	13,400 *	40.5	336.7	18,300 *	50.4	359.2	24,000 *	205
210	30.3	305.2	12,800 *	38.4	330.2	17,200 *	48.7	354.6	22,900 *	210
215	27.4	295.3	12,200 *	36.2	323.1	16,200 *	46.9	349.7	21,800 *	215
220	24.2	283.9	11,700 *	33.8	315.4	15,300 *	45.0	344.5	20,800 *	220
230	15.9	253.2	10,400 *	28.5	297.4	13,600 *	41.0	333.0	18,600 *	230
240				21.9	273.9	12,000 *	36.7	319.7	16,500 *	240
250				11.7	236.0	10,000 *	31.9	303.8	14,600 *	250
260							26.2	284.2	13,000 *	260
270							18.8	257.4	11,400 *	270

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.6	422.6	33,900 *b							80
85	74.3	421.0	33,100 *							85
90	73.0	419.4	32,300 *							90
95	71.7	417.6	31,400 *							95
100	70.3	415.7	30,500 *							100
105	69.0	413.6	29,600 *							105
110	67.7	411.4	28,700 *							110
115	66.3	409.1	27,700 *	70.8	414.9	36,100 *				115
120	64.9	406.6	26,800 *	69.5	412.9	35,600 *				120
125	63.5	404.0	25,800 *	68.1	410.8	35,000 *				125
130	62.1	401.2	24,900 *	66.8	408.5	34,400 *				130
135	60.7	398.3	23,900 *	65.4	406.1	33,700 *				135
140	59.2	395.1	23,000 *	64.0	403.5	33,000 *				140
145	57.7	391.8	22,100 *	62.6	400.7	32,200 *				145
150	56.2	388.3	21,200 *	61.2	397.8	31,300 *				150
155	54.7	384.6	20,300 *	59.7	394.8	30,500 *				155
160	53.1	380.7	19,400 *	58.2	391.5	29,500 *				160
165	51.5	376.6	18,600 *	56.7	388.1	28,600 *				165
170	49.9	372.2	17,800 *	55.2	384.5	27,300 *	63.0	396.2	30,900 *	170
175	48.2	367.5	17,000 *	53.7	380.6	25,700 *	61.5	393.3	30,100 *	175
180	46.4	362.6	16,300 *	52.1	376.6	24,100 *	60.1	390.3	29,300 *	180
185	44.6	357.3	15,600 *	50.4	372.3	22,700 *	58.6	387.1	28,400 *	185
190	42.8	351.7	14,900 *	48.8	367.7	21,300 *	57.1	383.7	27,100 *	190
195	40.9	345.7	14,300 *	47.0	362.9	20,100 *	55.6	380.1	25,800 *	195
200	38.9	339.3	13,600 *	45.3	357.7	18,900 *	54.1	376.3	24,600 *	200
205	36.7	332.4	13,100 *	43.4	352.2	17,800 *	52.5	372.3	23,500 *	205
210	34.5	324.9	12,500 *	41.5	346.4	16,800 *	50.9	368.1	22,400 *	210
215	32.1	316.7	11,900 *	39.6	340.1	15,800 *	49.2	363.6	21,300 *	215
220	29.6	307.6	11,400 *	37.5	333.4	14,800 *	47.5	358.8	20,400 *	220
230	23.7	285.9	10,500 *	33.0	318.1	13,100 *	43.9	348.4	18,100 *	230
240	15.5	254.4	8,600 *	27.8	299.7	11,500 *	40.1	336.5	16,000 *	240
250				21.4	275.6	10,100 *	35.9	322.7	14,200 *	250
260				11.4	236.8	8,300 *	31.1	306.5	12,500 *	260
270							25.6	286.3	11,000 *	270
280							18.4	258.9	9,600 *	280



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 180 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.9	431.5	30,800 * ^b							85
90	73.7	429.9	30,100 *							90
95	72.5	428.2	29,400 *							95
100	71.2	426.4	28,600 *							100
105	69.9	424.4	27,800 *							105
110	68.6	422.4	27,000 *							110
115	67.3	420.1	26,200 *							115
120	66.0	417.8	25,400 *	70.4	423.7	33,000 *				120
125	64.7	415.3	24,500 *	69.1	421.6	32,600 *				125
130	63.4	412.7	23,700 *	67.8	419.5	32,100 *				130
135	62.0	409.9	22,800 *	66.5	417.2	31,600 *				135
140	60.6	406.9	22,000 *	65.2	414.7	31,000 *				140
145	59.2	403.8	21,100 *	63.8	412.1	30,300 *				145
150	57.8	400.5	20,300 *	62.5	409.4	29,600 *				150
155	56.4	397.0	19,500 *	61.1	406.5	28,900 *				155
160	54.9	393.4	18,700 *	59.7	403.4	28,100 *				160
165	53.4	389.5	17,900 *	58.3	400.2	27,300 *				165
170	51.9	385.4	17,200 *	56.9	396.8	26,500 *				170
175	50.3	381.1	16,500 *	55.4	393.2	25,000 *	62.8	404.8	28,600 *	175
180	48.7	376.5	15,800 *	53.9	389.4	23,500 *	61.5	402.0	27,900 *	180
185	47.1	371.7	15,100 *	52.4	385.4	22,100 *	60.1	399.0	27,200 *	185
190	45.4	366.6	14,500 *	50.9	381.2	20,700 *	58.7	395.8	26,300 *	190
195	43.6	361.2	13,800 *	49.3	376.7	19,500 *	57.3	392.4	25,000 *	195
200	41.8	355.4	13,200 *	47.6	372.0	18,300 *	55.8	388.9	23,800 *	200
205	39.9	349.2	12,700 *	46.0	367.0	17,200 *	54.3	385.1	22,700 *	205
210	38.0	342.6	12,100 *	44.2	361.6	16,100 *	52.8	381.2	21,600 *	210
215	35.9	335.5	11,600 *	42.4	356.0	15,200 *	51.3	377.0	20,500 *	215
220	33.7	327.8	11,100 *	40.6	349.9	14,200 *	49.7	372.6	19,600 *	220
230	28.9	310.0	10,000 *	36.6	336.5	12,500 *	46.4	363.0	17,500 *	230
240	23.1	287.7	8,600 *	32.2	320.9	10,900 *	42.9	352.2	15,400 *	240
250	15.1	255.5	6,900 *	27.1	301.9	9,500 *	39.2	339.9	13,600 *	250
260				20.9	277.3	8,200 *	35.1	325.7	11,900 *	260
270				11.1	237.6	6,600 *	30.4	309.0	10,400 *	270
280							25.0	288.4	9,000 *	280
290							17.9	260.3	7,800 *	290

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.8	442.3	28,800 *b							85
90	74.7	440.8	28,100 *							90
95	73.5	439.2	27,500 *							95
100	72.3	437.5	26,900 *							100
105	71.0	435.6	26,200 *							105
110	69.8	433.7	25,500 *							110
115	68.6	431.6	24,700 *							115
120	67.3	429.4	24,000 *							120
125	66.1	427.0	23,200 *	70.2	432.9	30,300 *				125
130	64.8	424.6	22,500 *	69.0	430.9	29,900 *				130
135	63.5	421.9	21,700 *	67.8	428.7	29,400 *				135
140	62.2	419.2	21,000 *	66.5	426.4	29,000 *				140
145	60.9	416.3	20,200 *	65.3	424.0	28,500 *				145
150	59.6	413.2	19,500 *	64.0	421.4	27,900 *				150
155	58.2	410.0	18,700 *	62.7	418.7	27,300 *				155
160	56.9	406.6	18,000 *	61.4	415.9	26,600 *				160
165	55.5	403.0	17,300 *	60.0	412.8	25,900 *				165
170	54.0	399.2	16,600 *	58.7	409.7	25,200 *				170
175	52.6	395.2	15,900 *	57.3	406.3	24,400 *				175
180	51.1	391.0	15,300 *	55.9	402.8	22,900 *	63.0	414.1	26,700 *	180
185	49.6	386.6	14,700 *	54.5	399.1	21,500 *	61.7	411.3	26,000 *	185
190	48.0	381.9	14,100 *	53.1	395.2	20,100 *	60.4	408.3	25,300 *	190
195	46.4	377.0	13,500 *	51.6	391.1	18,900 *	59.1	405.2	24,300 *	195
200	44.8	371.8	12,900 *	50.1	386.7	17,700 *	57.7	401.9	23,100 *	200
205	43.1	366.3	12,300 *	48.6	382.1	16,600 *	56.3	398.4	21,900 *	205
210	41.3	360.4	11,800 *	47.0	377.3	15,500 *	54.9	394.8	20,900 *	210
215	39.5	354.1	11,300 *	45.4	372.2	14,600 *	53.5	390.9	19,800 *	215
220	37.6	347.5	10,800 *	43.7	366.8	13,600 *	52.0	386.8	18,900 *	220
230	33.5	332.5	9,400 *	40.1	354.9	11,900 *	49.0	378.0	16,900 *	230
240	28.9	314.7	8,100 *	36.3	341.4	10,400 *	45.8	368.2	14,800 *	240
250	23.4	292.6	6,800 *	32.1	325.6	9,000 *	42.4	357.2	13,000 *	250
260	15.9	261.5	5,200 *	27.2	306.6	7,700 *	38.8	344.8	11,300 *	260
270				21.2	282.4	6,500 *	34.8	330.5	9,800 *	270
280				12.4	245.1	5,000 *	30.3	313.7	8,500 *	280
290							25.1	293.1	7,200 *	290
300							18.5	265.7	6,000 *	300



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 200 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.3	451.2	26,100 * ^b							90
95	74.1	449.7	25,600 *							95
100	73.0	448.0	25,000 *							100
105	71.8	446.3	24,400 *							105
110	70.6	444.4	23,800 *							110
115	69.5	442.4	23,200 *							115
120	68.3	440.3	22,600 *							120
125	67.1	438.1	21,900 *							125
130	65.9	435.7	21,300 *	69.9	441.7	27,500 *				130
135	64.6	433.2	20,600 *	68.7	439.6	27,200 *				135
140	63.4	430.6	19,900 *	67.5	437.4	26,800 *				140
145	62.2	427.8	19,300 *	66.3	435.1	26,400 *				145
150	60.9	424.9	18,600 *	65.1	432.7	26,000 *				150
155	59.6	421.9	18,000 *	63.8	430.1	25,500 *				155
160	58.3	418.6	17,300 *	62.6	427.4	25,000 *				160
165	57.0	415.3	16,700 *	61.3	424.5	24,400 *				165
170	55.6	411.7	16,000 *	60.0	421.5	23,900 *				170
175	54.3	408.0	15,400 *	58.8	418.3	23,200 *				175
180	52.9	404.0	14,800 *	57.4	415.0	22,600 *				180
185	51.5	399.9	14,200 *	56.1	411.5	22,000 *	62.9	422.8	25,300 *	185
190	50.0	395.6	13,600 *	54.7	407.8	20,900 *	61.7	420.0	24,800 *	190
195	48.5	391.0	13,100 *	53.4	404.0	19,500 *	60.4	417.0	24,100 *	195
200	47.0	386.2	12,600 *	52.0	399.9	18,200 *	59.1	413.9	23,500 *	200
205	45.5	381.1	12,000 *	50.5	395.6	17,000 *	57.8	410.6	22,800 *	205
210	43.8	375.7	11,500 *	49.0	391.1	15,900 *	56.4	407.1	21,600 *	210
215	42.2	370.0	11,100 *	47.5	386.4	14,800 *	55.1	403.5	20,500 *	215
220	40.5	364.0	10,600 *	46.0	381.4	13,800 *	53.7	399.7	19,400 *	220
230	36.8	350.6	9,300 *	42.8	370.6	12,000 *	50.9	391.5	17,300 *	230
240	32.8	335.3	7,900 *	39.3	358.3	10,300 *	47.9	382.4	15,100 *	240
250	28.3	317.1	6,600 *	35.6	344.4	8,800 *	44.8	372.2	13,100 *	250
260	22.9	294.5	5,400 *	31.4	328.2	7,500 *	41.5	360.9	11,400 *	260
270	15.6	262.7	4,000 *	26.6	308.8	6,200 *	38.0	348.1	9,800 *	270
280				20.8	284.0	5,000 *	34.1	333.4	8,300 *	280
290							29.7	316.2	7,000 *	290
300							24.6	295.2	5,800 *	300
310							18.1	267.1	4,700 *	310

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 160 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.6	431.4	30,600 *							85
90	74.4	429.8	30,000 *							90
95	73.1	428.1	29,300 *							95
100	71.9	426.3	28,600 *							100
105	70.6	424.3	27,900 *							105
110	69.3	422.2	27,100 *							110
115	68.0	420.0	26,300 *							115
120	66.7	417.7	25,500 *							120
125	65.4	415.2	24,700 *	69.8	421.5	30,700 *				125
130	64.1	412.5	23,900 *	68.5	419.4	29,800 *				130
135	62.7	409.7	23,100 *	67.2	417.1	29,100 *				135
140	61.3	406.8	22,300 *	65.8	414.6	28,300 *				140
145	59.9	403.7	21,500 *	64.5	412.0	27,600 *				145
150	58.5	400.4	20,700 *	63.2	409.3	26,900 *				150
155	57.1	396.9	19,900 *	61.8	406.4	26,200 *				155
160	55.6	393.2	19,200 *	60.4	403.3	25,600 *				160
165	54.1	389.4	18,400 *	59.0	400.1	25,000 *				165
170	52.6	385.3	17,700 *	57.6	396.7	24,400 *				170
175	51.0	381.0	17,000 *	56.1	393.1	23,900 *				175
180	49.4	376.4	16,300 *	54.6	389.3	23,300 *	62.1	401.9	26,100 *	180
185	47.7	371.6	15,600 *	53.1	385.3	22,800 *	60.8	398.8	25,600 *	185
190	46.1	366.5	15,000 *	51.5	381.0	22,200 *	59.4	395.6	25,000 *	190
195	44.3	361.0	14,400 *	49.9	376.6	20,900 *	57.9	392.3	24,500 *	195
200	42.5	355.2	13,800 *	48.3	371.8	19,700 *	56.5	388.7	24,000 *	200
205	40.6	349.1	13,200 *	46.6	366.8	18,600 *	55.0	385.0	23,500 *	205
210	38.6	342.4	12,700 *	44.9	361.5	17,600 *	53.5	381.0	22,900 *	210
215	36.6	335.3	12,200 *	43.1	355.8	16,600 *	51.9	376.9	21,900 *	215
220	34.4	327.6	11,700 *	41.3	349.8	15,600 *	50.4	372.4	20,900 *	220
230	29.6	309.8	10,700 *	37.3	336.4	13,900 *	47.1	362.8	18,900 *	230
240	23.8	287.5	9,900 *	32.9	320.7	12,300 *	43.6	352.0	16,900 *	240
250	15.7	255.1	8,200 *	27.8	301.7	10,900 *	39.8	339.7	15,000 *	250
260				21.5	277.0	9,600 *	35.7	325.6	13,300 *	260
270				11.7	236.9	7,900 *	31.1	308.8	11,800 *	270
280							25.6	288.1	10,400 *	280
290							18.6	259.9	9,100 *	290



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.3	440.7	28,100 *							90
95	74.1	439.1	27,500 *							95
100	72.9	437.3	26,900 *							100
105	71.7	435.5	26,300 *							105
110	70.5	433.6	25,600 *							110
115	69.2	431.5	24,900 *							115
120	68.0	429.3	24,200 *							120
125	66.7	426.9	23,500 *	70.9	432.8	29,600 *				125
130	65.5	424.4	22,800 *	69.7	430.8	28,800 *				130
135	64.2	421.8	22,100 *	68.4	428.6	28,100 *				135
140	62.9	419.1	21,300 *	67.2	426.3	27,300 *				140
145	61.6	416.1	20,600 *	65.9	423.9	26,700 *				145
150	60.2	413.1	19,900 *	64.6	421.3	26,000 *				150
155	58.9	409.8	19,200 *	63.3	418.6	25,400 *				155
160	57.5	406.4	18,500 *	62.0	415.7	24,800 *				160
165	56.1	402.8	17,800 *	60.7	412.7	24,200 *				165
170	54.7	399.1	17,100 *	59.4	409.5	23,600 *				170
175	53.2	395.1	16,400 *	58.0	406.2	23,100 *				175
180	51.7	390.9	15,800 *	56.6	402.7	22,600 *				180
185	50.2	386.5	15,200 *	55.2	399.0	22,200 *	62.4	411.2	24,600 *	185
190	48.7	381.8	14,600 *	53.7	395.0	21,700 *	61.0	408.2	24,100 *	190
195	47.1	376.9	14,000 *	52.3	390.9	20,400 *	59.7	405.1	23,600 *	195
200	45.4	371.7	13,400 *	50.7	386.6	19,300 *	58.3	401.8	23,200 *	200
205	43.7	366.1	12,900 *	49.2	382.0	18,100 *	57.0	398.3	22,700 *	205
210	42.0	360.2	12,300 *	47.6	377.2	17,100 *	55.5	394.6	22,200 *	210
215	40.1	354.0	11,800 *	46.0	372.0	16,100 *	54.1	390.8	21,400 *	215
220	38.2	347.3	11,300 *	44.3	366.6	15,200 *	52.6	386.7	20,400 *	220
230	34.1	332.3	10,400 *	40.8	354.7	13,400 *	49.6	377.9	18,500 *	230
240	29.5	314.5	9,500 *	36.9	341.2	11,900 *	46.4	368.1	16,400 *	240
250	24.0	292.3	8,300 *	32.7	325.4	10,500 *	43.0	357.1	14,500 *	250
260	16.5	261.1	6,600 *	27.8	306.4	9,100 *	39.4	344.6	12,900 *	260
270				21.8	282.0	7,900 *	35.4	330.3	11,400 *	270
280				13.0	244.5	6,400 *	31.0	313.5	10,000 *	280
290							25.8	292.9	8,700 *	290
300							19.1	265.3	7,500 *	300

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.9	451.1	26,200 *							90
95	74.7	449.6	25,700 *							95
100	73.6	447.9	25,100 *							100
105	72.4	446.2	24,600 *							105
110	71.3	444.3	24,000 *							110
115	70.1	442.3	23,500 *							115
120	68.9	440.2	22,900 *							120
125	67.7	438.0	22,200 *							125
130	66.5	435.6	21,600 *	70.5	441.6	27,700 *				130
135	65.3	433.1	21,000 *	69.3	439.5	27,400 *				135
140	64.0	430.5	20,300 *	68.1	437.3	27,100 *				140
145	62.8	427.7	19,700 *	66.9	435.0	26,700 *				145
150	61.5	424.8	19,000 *	65.7	432.5	26,100 *				150
155	60.2	421.7	18,400 *	64.5	430.0	25,500 *				155
160	58.9	418.5	17,700 *	63.2	427.2	24,900 *				160
165	57.6	415.1	17,100 *	61.9	424.4	24,300 *				165
170	56.3	411.6	16,500 *	60.7	421.4	23,800 *				170
175	54.9	407.8	15,900 *	59.4	418.2	23,300 *				175
180	53.5	403.9	15,300 *	58.1	414.9	22,800 *				180
185	52.1	399.8	14,700 *	56.7	411.4	22,300 *				185
190	50.6	395.4	14,100 *	55.4	407.7	21,800 *	62.3	419.8	24,100 *	190
195	49.2	390.8	13,600 *	54.0	403.8	21,100 *	61.0	416.9	23,600 *	195
200	47.6	386.0	13,000 *	52.6	399.8	19,900 *	59.7	413.7	23,200 *	200
205	46.1	380.9	12,500 *	51.1	395.5	18,600 *	58.4	410.4	22,700 *	205
210	44.5	375.5	12,000 *	49.7	391.0	17,500 *	57.1	407.0	22,300 *	210
215	42.8	369.8	11,500 *	48.2	386.3	16,400 *	55.7	403.4	21,900 *	215
220	41.1	363.8	11,100 *	46.6	381.3	15,400 *	54.3	399.6	21,000 *	220
230	37.4	350.5	10,200 *	43.4	370.4	13,600 *	51.5	391.3	19,000 *	230
240	33.4	335.1	9,400 *	39.9	358.2	11,900 *	48.5	382.2	16,700 *	240
250	28.9	316.9	8,100 *	36.2	344.2	10,400 *	45.4	372.1	14,700 *	250
260	23.4	294.2	6,900 *	32.0	328.0	9,000 *	42.1	360.7	12,900 *	260
270	16.1	262.3	5,500 *	27.2	308.6	7,700 *	38.6	347.9	11,300 *	270
280				21.3	283.7	6,600 *	34.7	333.2	9,900 *	280
290				12.7	245.4	5,300 *	30.3	316.0	8,500 *	290
300							25.2	294.9	7,300 *	300
310							18.7	266.7	6,200 *	310
320							5.9	209.4	5,000 *	320



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.3	460.0	24,000 *							95
100	74.2	458.5	23,500 *							100
105	73.1	456.8	23,000 *							105
110	72.0	455.0	22,500 *							110
115	70.9	453.1	22,000 *							115
120	69.7	451.1	21,500 *							120
125	68.6	448.9	21,000 *							125
130	67.4	446.7	20,400 *							130
135	66.3	444.3	19,800 *	70.1	450.3	25,500 *				135
140	65.1	441.8	19,300 *	69.0	448.2	25,200 *				140
145	63.9	439.1	18,700 *	67.8	446.0	24,900 *				145
150	62.7	436.4	18,100 *	66.7	443.7	24,600 *				150
155	61.5	433.5	17,500 *	65.5	441.2	24,200 *				155
160	60.2	430.4	16,900 *	64.3	438.6	23,800 *				160
165	59.0	427.2	16,400 *	63.1	435.9	23,300 *				165
170	57.7	423.8	15,800 *	61.9	433.0	22,900 *				170
175	56.4	420.3	15,200 *	60.6	430.0	22,400 *				175
180	55.1	416.6	14,700 *	59.4	426.9	21,900 *				180
185	53.8	412.7	14,100 *	58.1	423.6	21,300 *				185
190	52.4	408.6	13,600 *	56.9	420.1	20,800 *				190
195	51.0	404.3	13,100 *	55.5	416.4	20,200 *	62.2	428.5	22,800 *	195
200	49.6	399.8	12,600 *	54.2	412.6	19,300 *	61.0	425.5	22,400 *	200
205	48.1	395.1	12,100 *	52.9	408.6	18,000 *	59.7	422.4	22,000 *	205
210	46.7	390.1	11,600 *	51.5	404.4	16,900 *	58.5	419.1	21,600 *	210
215	45.1	384.9	11,200 *	50.1	400.0	15,800 *	57.2	415.7	21,200 *	215
220	43.6	379.3	10,700 *	48.6	395.3	14,800 *	55.9	412.1	20,300 *	220
230	40.2	367.2	9,900 *	45.7	385.3	13,000 *	53.2	404.4	18,300 *	230
240	36.7	353.6	8,800 *	42.5	374.1	11,300 *	50.5	395.8	16,100 *	240
250	32.7	337.8	7,500 *	39.1	361.5	9,800 *	47.6	386.4	14,100 *	250
260	28.3	319.2	6,400 *	35.4	347.2	8,400 *	44.5	376.0	12,300 *	260
270	23.0	296.0	5,300 *	31.3	330.6	7,200 *	41.3	364.3	10,700 *	270
280				26.6	310.8	6,000 *	37.8	351.1	9,300 *	280
290				20.9	285.3	4,900 *	34.0	336.1	8,000 *	290
300							29.7	318.4	6,700 *	300
310							24.7	296.9	5,600 *	310
320							18.3	268.1	4,600 *	320

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.9	470.5	22,300 *							95
100	74.8	468.9	21,900 *							100
105	73.7	467.3	21,400 *							105
110	72.7	465.6	21,000 *							110
115	71.6	463.8	20,600 *							115
120	70.5	461.8	20,100 *							120
125	69.4	459.8	19,600 *							125
130	68.3	457.6	19,100 *							130
135	67.2	455.4	18,600 *	70.9	461.1	23,500 *				135
140	66.0	453.0	18,100 *	69.8	459.1	23,300 *				140
145	64.9	450.4	17,600 *	68.7	457.0	23,100 *				145
150	63.7	447.8	17,100 *	67.5	454.7	22,800 *				150
155	62.6	445.0	16,600 *	66.4	452.4	22,500 *				155
160	61.4	442.1	16,100 *	65.3	449.9	22,200 *				160
165	60.2	439.1	15,500 *	64.1	447.3	21,800 *				165
170	59.0	435.9	15,000 *	63.0	444.5	21,400 *				170
175	57.8	432.5	14,500 *	61.8	441.7	21,000 *				175
180	56.5	429.0	14,000 *	60.6	438.7	20,600 *				180
185	55.3	425.3	13,500 *	59.4	435.5	20,100 *				185
190	54.0	421.5	13,000 *	58.2	432.2	19,700 *				190
195	52.7	417.5	12,500 *	57.0	428.8	19,200 *				195
200	51.4	413.2	12,100 *	55.7	425.2	18,600 *	62.1	437.1	21,400 *	200
205	50.0	408.8	11,600 *	54.4	421.4	17,400 *	60.9	434.2	21,300 *	205
210	48.6	404.2	11,200 *	53.1	417.4	16,300 *	59.7	431.1	21,000 *	210
215	47.2	399.3	10,700 *	51.8	413.3	15,200 *	58.5	427.8	20,500 *	215
220	45.7	394.1	10,300 *	50.5	408.9	14,200 *	57.3	424.4	19,400 *	220
230	42.7	383.0	9,500 *	47.7	399.5	12,300 *	54.8	417.1	17,500 *	230
240	39.5	370.6	8,200 *	44.8	389.2	10,700 *	52.2	409.1	15,500 *	240
250	36.0	356.6	6,900 *	41.7	377.7	9,200 *	49.5	400.2	13,500 *	250
260	32.1	340.5	5,700 *	38.3	364.8	7,800 *	46.6	390.5	11,700 *	260
270	27.7	321.4	4,700 *	34.7	350.1	6,500 *	43.6	379.8	10,100 *	270
280				30.7	333.2	5,400 *	40.5	367.8	8,700 *	280
290				26.1	312.9	4,300 *	37.0	354.3	7,300 *	290
300							33.3	338.9	6,100 *	300
310							29.1	320.8	5,000 *	310
320							24.2	298.8	4,000 *	320



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 160 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.0	449.6	25,100 *							95
100	73.9	448.0	24,600 *							100
105	72.7	446.2	24,100 *							105
110	71.5	444.4	23,600 *							110
115	70.3	442.4	23,100 *							115
120	69.2	440.3	22,600 *							120
125	68.0	438.0	22,000 *							125
130	66.8	435.7	21,500 *	70.8	441.6	24,300 *				130
135	65.5	433.2	20,900 *	69.6	439.6	23,900 *				135
140	64.3	430.6	20,300 *	68.4	437.4	23,500 *				140
145	63.0	427.8	19,700 *	67.2	435.1	23,100 *				145
150	61.8	424.9	19,100 *	65.9	432.6	22,700 *				150
155	60.5	421.8	18,500 *	64.7	430.0	22,300 *				155
160	59.2	418.6	17,900 *	63.5	427.3	21,900 *				160
165	57.9	415.2	17,300 *	62.2	424.5	21,600 *				165
170	56.5	411.7	16,700 *	60.9	421.4	21,200 *				170
175	55.2	407.9	16,200 *	59.6	418.3	20,800 *				175
180	53.8	404.0	15,600 *	58.3	415.0	20,300 *				180
185	52.4	399.9	15,000 *	57.0	411.5	19,800 *				185
190	50.9	395.5	14,500 *	55.6	407.8	19,300 *	62.5	419.9	20,600 *	190
195	49.4	390.9	14,000 *	54.2	403.9	18,900 *	61.3	416.9	20,400 *	195
200	47.9	386.1	13,400 *	52.8	399.9	18,500 *	60.0	413.8	20,100 *	200
205	46.3	381.0	12,900 *	51.4	395.6	18,100 *	58.7	410.5	19,800 *	205
210	44.7	375.6	12,500 *	49.9	391.1	17,700 *	57.3	407.1	19,500 *	210
215	43.1	369.9	12,000 *	48.4	386.4	17,300 *	56.0	403.4	19,300 *	215
220	41.4	363.9	11,500 *	46.9	381.4	16,700 *	54.6	399.6	19,000 *	220
230	37.7	350.6	10,700 *	43.6	370.5	14,800 *	51.8	391.4	18,200 *	230
240	33.7	335.2	9,900 *	40.2	358.3	13,200 *	48.8	382.3	17,500 *	240
250	29.2	317.0	9,100 *	36.4	344.3	11,700 *	45.7	372.2	16,000 *	250
260	23.7	294.4	8,200 *	32.3	328.2	10,300 *	42.4	360.8	14,200 *	260
270	16.4	262.5	6,600 *	27.5	308.7	9,000 *	38.8	348.0	12,600 *	270
280				21.6	283.9	7,800 *	34.9	333.3	11,200 *	280
290				13.0	245.7	6,500 *	30.6	316.1	9,800 *	290
300							25.5	295.1	8,600 *	300
310							19.0	267.0	7,400 *	310
320							6.4	210.5	6,200 *	320

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 170 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.6	460.1	23,600 *							95
100	74.5	458.5	23,200 *							100
105	73.4	456.8	22,800 *							105
110	72.2	455.0	22,300 *							110
115	71.1	453.1	21,900 *							115
120	70.0	451.1	21,400 *							120
125	68.8	449.0	20,900 *							125
130	67.7	446.7	20,400 *							130
135	66.5	444.4	19,900 *	70.4	450.4	23,700 *				135
140	65.3	441.8	19,300 *	69.2	448.3	23,300 *				140
145	64.1	439.2	18,800 *	68.1	446.1	22,900 *				145
150	62.9	436.4	18,300 *	66.9	443.7	22,500 *				150
155	61.7	433.5	17,700 *	65.7	441.3	22,200 *				155
160	60.5	430.5	17,200 *	64.5	438.7	21,700 *				160
165	59.2	427.3	16,600 *	63.3	436.0	21,100 *				165
170	58.0	423.9	16,100 *	62.1	433.1	20,600 *				170
175	56.7	420.4	15,500 *	60.9	430.1	20,100 *				175
180	55.3	416.7	15,000 *	59.7	426.9	19,600 *				180
185	54.0	412.8	14,500 *	58.4	423.6	19,200 *				185
190	52.7	408.7	14,000 *	57.1	420.2	18,700 *				190
195	51.3	404.4	13,500 *	55.8	416.5	18,300 *	62.4	428.6	19,800 *	195
200	49.9	399.9	13,000 *	54.5	412.7	17,900 *	61.2	425.6	19,600 *	200
205	48.4	395.2	12,500 *	53.1	408.7	17,500 *	60.0	422.5	19,400 *	205
210	46.9	390.2	12,100 *	51.7	404.5	17,100 *	58.7	419.2	19,100 *	210
215	45.4	385.0	11,600 *	50.3	400.1	16,800 *	57.4	415.8	18,700 *	215
220	43.8	379.4	11,200 *	48.9	395.4	16,200 *	56.1	412.2	18,300 *	220
230	40.5	367.3	10,300 *	45.9	385.4	14,300 *	53.5	404.4	17,600 *	230
240	36.9	353.7	9,600 *	42.7	374.2	12,700 *	50.7	395.9	16,900 *	240
250	33.0	337.9	8,800 *	39.4	361.6	11,200 *	47.8	386.5	15,500 *	250
260	28.6	319.3	7,700 *	35.7	347.3	9,800 *	44.8	376.1	13,700 *	260
270	23.2	296.2	6,600 *	31.6	330.8	8,500 *	41.5	364.4	12,100 *	270
280	16.1	263.7	5,200 *	26.9	310.9	7,400 *	38.0	351.2	10,700 *	280
290				21.2	285.5	6,300 *	34.2	336.2	9,300 *	290
300				12.7	246.6	5,100 *	30.0	318.6	8,100 *	300
310							25.0	297.0	7,000 *	310
320							18.5	268.4	5,900 *	320
330							6.2	210.7	4,800 *	330



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 180 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.0	469.0	21,700 *							100
105	74.0	467.4	21,300 *							105
110	72.9	465.7	20,900 *							110
115	71.8	463.8	20,500 *							115
120	70.7	461.9	20,100 *							120
125	69.6	459.9	19,700 *							125
130	68.5	457.7	19,200 *							130
135	67.4	455.4	18,700 *							135
140	66.3	453.0	18,300 *	70.0	459.1	22,500 *				140
145	65.1	450.5	17,800 *	68.9	457.0	22,200 *				145
150	64.0	447.9	17,300 *	67.8	454.8	21,900 *				150
155	62.8	445.1	16,800 *	66.7	452.4	21,500 *				155
160	61.6	442.2	16,300 *	65.5	450.0	21,100 *				160
165	60.5	439.1	15,800 *	64.4	447.4	20,500 *				165
170	59.3	435.9	15,300 *	63.2	444.6	20,000 *				170
175	58.0	432.6	14,800 *	62.1	441.8	19,500 *				175
180	56.8	429.1	14,300 *	60.9	438.8	19,100 *				180
185	55.5	425.4	13,900 *	59.7	435.6	18,600 *				185
190	54.2	421.6	13,400 *	58.4	432.3	18,200 *				190
195	52.9	417.5	12,900 *	57.2	428.9	17,800 *				195
200	51.6	413.3	12,500 *	56.0	425.2	17,400 *	62.4	437.2	18,900 *	200
205	50.2	408.9	12,000 *	54.7	421.5	17,100 *	61.2	434.2	18,700 *	205
210	48.9	404.2	11,600 *	53.4	417.5	16,700 *	60.0	431.1	18,500 *	210
215	47.4	399.4	11,200 *	52.1	413.3	16,400 *	58.8	427.9	18,200 *	215
220	46.0	394.2	10,700 *	50.7	409.0	15,600 *	57.5	424.5	17,800 *	220
230	42.9	383.1	10,000 *	47.9	399.6	13,700 *	55.0	417.2	17,100 *	230
240	39.7	370.7	9,200 *	45.0	389.3	12,000 *	52.4	409.1	16,400 *	240
250	36.2	356.7	8,300 *	41.9	377.8	10,500 *	49.7	400.3	14,900 *	250
260	32.4	340.6	7,100 *	38.6	364.9	9,200 *	46.9	390.6	13,100 *	260
270	28.0	321.6	6,000 *	35.0	350.3	7,900 *	43.9	379.9	11,500 *	270
280	22.8	298.0	5,000 *	31.0	333.3	6,800 *	40.7	367.9	10,000 *	280
290				26.4	313.0	5,700 *	37.3	354.4	8,700 *	290
300				20.7	287.1	4,700 *	33.6	339.0	7,500 *	300
310							29.4	321.0	6,400 *	310
320							24.5	299.0	5,400 *	320
330							18.2	269.7	4,400 *	330

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 190 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.6	479.5	20,300 *							100
105	74.5	477.9	19,900 *							105
110	73.5	476.3	19,600 *							110
115	72.5	474.5	19,300 *							115
120	71.4	472.6	18,900 *							120
125	70.4	470.7	18,500 *							125
130	69.3	468.6	18,100 *							130
135	68.2	466.4	17,700 *							135
140	67.2	464.1	17,300 *	70.7	469.9	21,500 *				140
145	66.1	461.7	16,800 *	69.7	467.9	21,300 *				145
150	65.0	459.2	16,400 *	68.6	465.7	21,100 *				150
155	63.8	456.5	15,900 *	67.5	463.5	20,800 *				155
160	62.7	453.7	15,500 *	66.4	461.1	20,400 *				160
165	61.6	450.8	15,000 *	65.3	458.6	19,900 *				165
170	60.4	447.8	14,600 *	64.2	456.0	19,400 *				170
175	59.3	444.6	14,200 *	63.1	453.3	18,900 *				175
180	58.1	441.3	13,700 *	62.0	450.4	18,500 *				180
185	56.9	437.8	13,300 *	60.8	447.4	18,100 *				185
190	55.7	434.1	12,800 *	59.7	444.3	17,700 *				190
195	54.5	430.3	12,400 *	58.5	441.0	17,300 *				195
200	53.2	426.4	12,000 *	57.3	437.6	16,900 *				200
205	51.9	422.2	11,500 *	56.1	434.0	16,600 *	62.3	445.9	17,900 *	205
210	50.6	417.8	11,100 *	54.9	430.2	16,200 *	61.1	442.9	17,800 *	210
215	49.3	413.3	10,700 *	53.6	426.3	15,900 *	60.0	439.8	17,600 *	215
220	47.9	408.5	10,400 *	52.4	422.2	15,000 *	58.8	436.6	17,200 *	220
230	45.1	398.2	9,600 *	49.7	413.4	13,100 *	56.4	429.6	16,600 *	230
240	42.1	386.8	8,900 *	47.0	403.8	11,400 *	54.0	422.0	15,900 *	240
250	39.0	374.1	7,700 *	44.1	393.1	9,900 *	51.4	413.7	14,300 *	250
260	35.5	359.7	6,500 *	41.1	381.3	8,600 *	48.7	404.6	12,500 *	260
270	31.7	343.2	5,500 *	37.9	368.1	7,300 *	46.0	394.6	10,900 *	270
280	27.4	323.8	4,400 *	34.3	353.1	6,200 *	43.0	383.6	9,400 *	280
290				30.4	335.8	5,100 *	39.9	371.3	8,100 *	290
300				25.9	315.1	4,100 *	36.6	357.5	6,900 *	300
310							32.9	341.7	5,800 *	310
320							28.8	323.3	4,800 *	320



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 200 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
105	75.1	488.4	18,600 *							105
110	74.1	486.8	18,200 *							110
115	73.1	485.1	17,900 *							115
120	72.1	483.3	17,600 *							120
125	71.1	481.4	17,300 *							125
130	70.0	479.4	16,900 *							130
135	69.0	477.3	16,500 *							135
140	68.0	475.1	16,200 *							140
145	66.9	472.8	15,800 *	70.4	478.7	19,800 *				145
150	65.9	470.4	15,400 *	69.4	476.6	19,600 *				150
155	64.8	467.8	15,000 *	68.3	474.5	19,400 *				155
160	63.7	465.2	14,600 *	67.3	472.2	19,200 *				160
165	62.6	462.4	14,200 *	66.2	469.8	19,000 *				165
170	61.5	459.5	13,800 *	65.2	467.3	18,700 *				170
175	60.4	456.4	13,400 *	64.1	464.7	18,500 *				175
180	59.3	453.3	13,000 *	63.0	461.9	18,000 *				180
185	58.2	449.9	12,600 *	61.9	459.1	17,600 *				185
190	57.0	446.5	12,200 *	60.8	456.1	17,300 *				190
195	55.8	442.9	11,800 *	59.7	452.9	16,900 *				195
200	54.6	439.1	11,400 *	58.6	449.7	16,500 *				200
205	53.4	435.2	11,000 *	57.4	446.3	16,200 *				205
210	52.2	431.0	10,600 *	56.2	442.7	15,900 *	62.2	454.5	16,900 *	210
215	51.0	426.7	10,300 *	55.1	439.0	15,400 *	61.1	451.6	16,800 *	215
220	49.7	422.2	9,900 *	53.9	435.1	14,300 *	60.0	448.5	16,700 *	220
230	47.0	412.6	9,200 *	51.4	426.8	12,500 *	57.7	441.9	16,100 *	230
240	44.3	402.0	8,400 *	48.8	417.7	10,800 *	55.4	434.7	15,500 *	240
250	41.4	390.3	7,100 *	46.2	407.8	9,300 *	53.0	426.8	13,700 *	250
260	38.2	377.3	5,900 *	43.3	396.9	8,000 *	50.5	418.2	11,900 *	260
270	34.9	362.7	4,800 *	40.4	384.8	6,700 *	47.8	408.9	10,300 *	270
280				37.2	371.3	5,600 *	45.1	398.6	8,800 *	280
290				33.7	356.0	4,500 *	42.3	387.3	7,500 *	290
300							39.2	374.7	6,300 *	300
310							35.9	360.5	5,200 *	310
320							32.3	344.4	4,200 *	320

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 160 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.0	469.2	20,300 *							100
105	73.9	467.5	19,800 *							105
110	72.8	465.8	19,400 *							110
115	71.8	464.0	19,000 *							115
120	70.7	462.1	18,700 *							120
125	69.6	460.0	18,300 *							125
130	68.5	457.9	17,900 *							130
135	67.4	455.6	17,500 *							135
140	66.2	453.2	17,000 *	70.0	459.3	17,900 *				140
145	65.1	450.7	16,700 *	68.8	457.2	17,500 *				145
150	63.9	448.0	16,300 *	67.7	454.9	17,100 *				150
155	62.8	445.2	15,900 *	66.6	452.6	16,800 *				155
160	61.6	442.3	15,600 *	65.5	450.1	16,400 *				160
165	60.4	439.3	15,300 *	64.3	447.5	16,100 *				165
170	59.2	436.1	15,000 *	63.2	444.8	15,800 *				170
175	58.0	432.8	14,700 *	62.0	441.9	15,500 *				175
180	56.7	429.2	14,300 *	60.8	438.9	15,200 *				180
185	55.5	425.6	13,900 *	59.6	435.8	14,900 *				185
190	54.2	421.7	13,400 *	58.4	432.5	14,500 *				190
195	52.9	417.7	13,000 *	57.2	429.0	14,300 *				195
200	51.6	413.5	12,600 *	55.9	425.4	14,000 *	62.3	437.4	14,800 *	200
205	50.2	409.1	12,200 *	54.6	421.6	13,800 *	61.1	434.4	14,600 *	205
210	48.8	404.4	11,800 *	53.3	417.7	13,500 *	59.9	431.3	14,300 *	210
215	47.4	399.6	11,400 *	52.0	413.5	13,300 *	58.7	428.0	14,100 *	215
220	46.0	394.4	11,000 *	50.7	409.2	13,000 *	57.5	424.6	13,900 *	220
230	42.9	383.4	10,300 *	47.9	399.8	12,600 *	55.0	417.3	13,400 *	230
240	39.7	371.0	9,600 *	45.0	389.5	12,200 *	52.4	409.3	13,000 *	240
250	36.2	357.0	8,900 *	41.9	378.0	11,700 *	49.7	400.5	12,600 *	250
260	32.3	340.9	8,300 *	38.6	365.1	10,300 *	46.8	390.8	12,200 *	260
270	28.0	321.9	7,200 *	35.0	350.5	9,100 *	43.8	380.1	11,800 *	270
280	22.8	298.4	6,200 *	31.0	333.6	7,900 *	40.7	368.1	11,200 *	280
290	15.8	265.4	4,700 *	26.4	313.4	6,900 *	37.3	354.6	9,800 *	290
300				20.8	287.6	5,900 *	33.5	339.3	8,600 *	300
310				12.5	248.2	4,700 *	29.4	321.3	7,500 *	310
320							24.5	299.4	6,500 *	320
330							18.2	270.2	5,500 *	330
340							6.4	212.9	4,500 *	340



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 170 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.5	479.6	19,500 *							100
105	74.5	478.1	19,200 *							105
110	73.5	476.4	18,900 *							110
115	72.4	474.6	18,600 *							115
120	71.4	472.8	18,300 *							120
125	70.3	470.8	17,900 *							125
130	69.3	468.7	17,600 *							130
135	68.2	466.6	17,200 *							135
140	67.1	464.3	16,800 *	70.7	470.1	17,500 *				140
145	66.0	461.9	16,500 *	69.6	468.0	17,200 *				145
150	64.9	459.3	16,100 *	68.6	465.9	16,900 *				150
155	63.8	456.7	15,700 *	67.5	463.6	16,600 *				155
160	62.7	453.9	15,300 *	66.4	461.3	16,900 *				160
165	61.5	451.0	14,900 *	65.3	458.8	15,900 *				165
170	60.4	447.9	14,500 *	64.2	456.2	15,600 *				170
175	59.2	444.8	14,100 *	63.1	453.4	15,300 *				175
180	58.1	441.4	13,700 *	61.9	450.6	15,000 *				180
185	56.9	438.0	13,300 *	60.8	447.6	14,700 *				185
190	55.6	434.3	12,900 *	59.6	444.4	14,400 *				190
195	54.4	430.5	12,500 *	58.5	441.2	14,200 *				195
200	53.2	426.5	12,100 *	57.3	437.7	13,900 *				200
205	51.9	422.4	11,700 *	56.1	434.1	13,600 *	62.2	446.0	14,300 *	205
210	50.6	418.0	11,400 *	54.8	430.4	13,400 *	61.1	443.1	14,100 *	210
215	49.3	413.4	11,000 *	53.6	426.5	13,200 *	59.9	440.0	13,900 *	215
220	47.9	408.7	10,600 *	52.3	422.4	13,000 *	58.8	436.7	14,000 *	220
230	45.1	398.4	9,900 *	49.7	413.6	12,600 *	56.4	429.8	13,200 *	230
240	42.1	387.0	9,200 *	47.0	404.0	12,100 *	53.9	422.2	12,800 *	240
250	38.9	374.3	8,600 *	44.1	393.3	11,200 *	51.4	413.9	12,400 *	250
260	35.5	360.0	7,800 *	41.1	381.5	9,800 *	48.7	404.8	12,100 *	260
270	31.7	343.5	6,700 *	37.8	368.3	8,600 *	45.9	394.8	11,800 *	270
280	27.4	324.1	5,700 *	34.3	353.4	7,400 *	43.0	383.8	10,700 *	280
290	22.3	300.1	4,800 *	30.4	336.1	6,400 *	39.9	371.5	9,300 *	290
300				25.9	315.5	5,400 *	36.6	357.7	8,100 *	300
310				20.4	289.2	4,500 *	32.9	342.0	7,000 *	310
320							28.8	323.6	6,000 *	320
330							24.0	301.3	5,100 *	330
340							17.8	271.6	4,200 *	340

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

248,700 Lb. Crane Counterweight

120,000 Lb. Carbody Counterweight

360 Degree Rating

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

190 Ft. Boom, 180 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	76.0	490.0	18,300 *							100
105	75.0	488.5	18,000 *							105
110	74.0	486.9	17,700 *							110
115	73.0	485.2	17,500 *							115
120	72.0	483.5	17,200 *							120
125	71.0	481.6	16,900 *							125
130	70.0	479.6	16,600 *							130
135	69.0	477.5	16,200 *							135
140	67.9	475.3	15,900 *							140
145	66.9	473.0	15,600 *	70.3	478.8	16,700 *				145
150	65.8	470.5	15,200 *	69.3	476.8	16,500 *				150
155	64.8	468.0	14,900 *	68.3	474.6	16,200 *				155
160	63.7	465.3	14,500 *	67.2	472.3	15,900 *				160
165	62.6	462.6	14,100 *	66.2	469.9	15,600 *				165
170	61.5	459.6	13,800 *	65.1	467.4	15,300 *				170
175	60.4	456.6	13,400 *	64.0	464.8	15,000 *				175
180	59.3	453.4	13,000 *	63.0	462.1	14,800 *				180
185	58.1	450.1	12,700 *	61.9	459.2	14,500 *				185
190	57.0	446.7	12,300 *	60.8	456.2	14,300 *				190
195	55.8	443.0	11,900 *	59.6	453.1	14,000 *				195
200	54.6	439.3	11,600 *	58.5	449.8	13,700 *				200
205	53.4	435.3	11,200 *	57.4	446.4	13,500 *				205
210	52.2	431.2	10,900 *	56.2	442.9	13,300 *	62.2	454.7	13,700 *	210
215	50.9	426.9	10,500 *	55.0	439.2	13,000 *	61.1	451.7	13,600 *	215
220	49.6	422.4	10,200 *	53.8	435.3	12,800 *	59.9	448.6	13,400 *	220
230	47.0	412.8	9,500 *	51.4	427.0	12,400 *	57.7	442.0	13,000 *	230
240	44.3	402.2	8,900 *	48.8	417.9	12,000 *	55.3	434.8	12,600 *	240
250	41.3	390.6	8,200 *	46.1	408.0	10,500 *	52.9	427.0	12,300 *	250
260	38.2	377.6	7,200 *	43.3	397.1	9,200 *	50.4	418.4	11,900 *	260
270	34.9	362.9	6,100 *	40.3	385.0	7,900 *	47.8	409.1	11,500 *	270
280	31.1	346.1	5,100 *	37.1	371.5	6,800 *	45.1	398.8	10,000 *	280
290	26.9	326.3	4,200 *	33.7	356.2	5,800 *	42.2	387.5	8,700 *	290
300				29.8	338.6	4,800 *	39.2	374.9	7,500 *	300
310							35.9	360.8	6,400 *	310
320							32.3	344.7	5,400 *	320
330							28.3	325.9	4,500 *	330



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 190 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
105	75.5	499.0	16,900 *							105
110	74.6	497.4	16,600 *							110
115	73.6	495.8	16,400 *							115
120	72.6	494.1	16,100 *							120
125	71.6	492.3	15,900 *							125
130	70.7	490.3	15,600 *							130
135	69.7	488.3	15,300 *							135
140	68.7	486.2	15,000 *							140
145	67.7	484.0	14,700 *	71.0	489.6	16,300 *				145
150	66.7	481.6	14,400 *	70.0	487.6	16,100 *				150
155	65.6	479.2	14,100 *	69.0	485.5	15,800 *				155
160	64.6	476.7	13,700 *	68.0	483.3	15,500 *				160
165	63.6	474.0	13,400 *	67.0	481.0	15,300 *				165
170	62.5	471.2	13,100 *	66.0	478.6	15,000 *				170
175	61.4	468.3	12,700 *	65.0	476.1	14,700 *				175
180	60.4	465.3	12,400 *	63.9	473.5	14,500 *				180
185	59.3	462.1	12,100 *	62.9	470.7	14,300 *				185
190	58.2	458.8	11,700 *	61.8	467.9	14,000 *				190
195	57.1	455.4	11,400 *	60.7	464.9	13,800 *				195
200	55.9	451.8	11,000 *	59.7	461.8	13,500 *				200
205	54.8	448.0	10,700 *	58.6	458.5	13,300 *				205
210	53.6	444.1	10,400 *	57.5	455.1	13,100 *				210
215	52.4	440.1	10,100 *	56.3	451.6	12,900 *	62.1	463.3	13,200 *	215
220	51.2	435.8	9,700 *	55.2	447.9	12,700 *	61.0	460.4	13,000 *	220
230	48.8	426.8	9,100 *	52.9	440.1	12,300 *	58.8	454.1	12,700 *	230
240	46.2	416.9	8,500 *	50.4	431.5	11,400 *	56.6	447.2	12,400 *	240
250	43.5	406.0	7,700 *	47.9	422.2	9,900 *	54.3	439.8	12,100 *	250
260	40.6	394.1	6,600 *	45.3	412.0	8,600 *	52.0	431.7	11,800 *	260
270	37.5	380.8	5,500 *	42.5	400.8	7,300 *	49.5	422.8	10,900 *	270
280	34.2	365.8	4,500 *	39.6	388.4	6,200 *	47.0	413.2	9,400 *	280
290				36.5	374.6	5,200 *	44.3	402.7	8,100 *	290
300				33.1	359.0	4,200 *	41.5	391.1	6,900 *	300
310							38.5	378.2	5,800 *	310
320							35.3	363.8	4,800 *	320

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 200 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
105	76.0	509.4	15,700 *							105
110	75.1	507.9	15,500 *							110
115	74.1	506.3	15,300 *							115
120	73.2	504.7	15,000 *							120
125	72.2	502.9	14,800 *							125
130	71.3	501.1	14,500 *							130
135	70.3	499.1	14,300 *							135
140	69.4	497.1	14,000 *							140
145	68.4	494.9	13,700 *							145
150	67.4	492.7	13,500 *	70.7	498.4	15,400 *				150
155	66.4	490.3	13,200 *	69.7	496.3	15,300 *				155
160	65.5	487.9	12,900 *	68.7	494.2	15,000 *				160
165	64.5	485.3	12,600 *	67.8	492.0	14,800 *				165
170	63.4	482.6	12,300 *	66.8	489.7	14,600 *				170
175	62.4	479.9	12,000 *	65.8	487.3	14,300 *				175
180	61.4	476.9	11,700 *	64.8	484.8	14,100 *				180
185	60.4	473.9	11,400 *	63.8	482.1	13,900 *				185
190	59.3	470.8	11,100 *	62.8	479.4	13,700 *				190
195	58.2	467.5	10,800 *	61.8	476.5	13,500 *				195
200	57.2	464.1	10,400 *	60.7	473.5	13,300 *				200
205	56.1	460.5	10,100 *	59.7	470.4	13,100 *				205
210	55.0	456.8	9,800 *	58.6	467.2	12,900 *				210
215	53.8	452.9	9,500 *	57.5	463.8	12,700 *				215
220	52.7	448.9	9,200 *	56.4	460.3	12,500 *	62.0	472.0	12,600 *	220
230	50.4	440.3	8,600 *	54.2	452.8	12,100 *	59.9	465.9	12,300 *	230
240	47.9	431.0	8,100 *	51.9	444.7	10,800 *	57.8	459.4	12,100 *	240
250	45.4	420.9	7,100 *	49.6	435.9	9,300 *	55.6	452.3	11,800 *	250
260	42.7	409.8	5,900 *	47.1	426.4	8,000 *	53.4	444.6	11,500 *	260
270	39.9	397.5	4,900 *	44.5	415.9	6,700 *	51.1	436.3	10,300 *	270
280				41.8	404.4	5,600 *	48.7	427.2	8,800 *	280
290				38.9	391.8	4,500 *	46.2	417.3	7,500 *	290
300							43.5	406.5	6,300 *	300
310							40.8	394.6	5,200 *	310
320							37.8	381.4	4,200 *	320



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

200 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.2	404.6	42,000 * c							70
75	73.7	403.1	40,800 * c							75
80	72.2	401.5	39,600 * c							80
85	70.7	399.7	38,400 * c							85
90	69.2	397.8	37,100 * b							90
95	67.6	395.7	35,700 * b							95
100	66.1	393.5	34,400 * b							100
105	64.5	391.1	33,000 * b	70.0	397.3	44,100 * c				105
110	62.9	388.5	31,700 * b	68.4	395.3	43,300 * b				110
115	61.3	385.7	30,300 * b	66.9	393.1	42,400 * b				115
120	59.7	382.8	29,000 * b	65.3	390.8	41,400 * b				120
125	58.0	379.6	27,700 * b	63.8	388.3	40,400 * b				125
130	56.3	376.3	26,500 * b	62.1	385.7	39,200 * b				130
135	54.5	372.7	25,300 *	60.5	382.8	38,000 * b				135
140	52.8	368.9	24,100 *	58.9	379.8	36,700 * b				140
145	50.9	364.8	22,900 *	57.2	376.5	35,400 * b				145
150	49.1	360.5	21,800 *	55.4	373.1	34,100 *				150
155	47.1	355.8	20,800 *	53.7	369.4	32,700 *	63.0	381.5	34,900 * b	155
160	45.1	350.9	19,800 *	51.9	365.5	31,300 *	61.4	378.8	33,900 * b	160
165	43.0	345.5	18,900 *	50.0	361.3	29,300 *	59.7	375.9	32,800 * b	165
170	40.9	339.8	18,000 *	48.1	356.8	27,500 *	58.1	372.7	31,800 * b	170
175	38.6	333.5	17,100 *	46.2	352.0	25,800 *	56.4	369.4	30,700 * b	175
180	36.2	326.8	16,300 *	44.1	346.8	24,300 *	54.6	365.8	29,200 *	180
185	33.7	319.3	15,500 *	42.0	341.3	22,800 *	52.8	362.0	27,800 *	185
190	31.0	311.1	14,800 *	39.8	335.3	21,500 *	51.0	358.0	26,500 *	190
195	28.0	301.9	14,100 *	37.5	328.8	20,200 *	49.1	353.6	25,200 *	195
200	24.7	291.4	13,500 *	35.0	321.8	19,000 *	47.2	349.0	24,100 *	200
205	20.9	278.9	12,900 *	32.4	314.0	17,900 *	45.2	344.0	22,900 *	205
210	16.2	263.0	12,400 *	29.6	305.3	16,900 *	43.1	338.7	21,800 *	210
215	9.2	238.9	10,700 *	26.5	295.5	15,900 *	41.0	333.0	20,800 *	215
220				22.9	284.1	14,900 *	38.7	326.8	19,900 *	220
230				13.3	251.7	13,000 *	33.8	312.6	18,000 *	230
240							28.2	295.3	16,400 *	240
250							21.1	272.5	14,600 *	250
260							9.6	233.4	12,800 *	260

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.9	415.0	39,400 * c							70
75	74.5	413.6	38,200 * c							75
80	73.1	412.0	37,200 * c							80
85	71.6	410.3	36,100 * c							85
90	70.2	408.5	35,000 * c							90
95	68.8	406.5	33,800 * b							95
100	67.3	404.4	32,600 * b							100
105	65.8	402.2	31,400 * b	71.0	408.0	41,000 * c				105
110	64.3	399.7	30,200 * b	69.5	406.1	40,400 * c				110
115	62.8	397.1	29,000 * b	68.1	404.0	39,700 * b				115
120	61.2	394.4	27,800 * b	66.6	401.9	38,900 * b				120
125	59.7	391.4	26,700 * b	65.1	399.5	38,100 * b				125
130	58.1	388.3	25,500 * b	63.6	397.0	37,100 * b				130
135	56.5	385.0	24,400 * b	62.0	394.3	36,100 * b				135
140	54.8	381.4	23,300 *	60.5	391.5	35,000 * b				140
145	53.1	377.7	22,300 *	58.9	388.5	33,900 * b				145
150	51.4	373.7	21,200 *	57.3	385.2	32,800 * b				150
155	49.6	369.4	20,200 *	55.7	381.8	31,600 * b				155
160	47.8	364.9	19,300 *	54.0	378.1	30,400 *	62.9	390.2	32,500 * b	160
165	45.9	360.0	18,400 *	52.3	374.3	28,800 *	61.3	387.5	31,600 * b	165
170	44.0	354.8	17,500 *	50.5	370.1	27,000 *	59.8	384.5	30,700 * b	170
175	41.9	349.3	16,700 *	48.7	365.7	25,400 *	58.2	381.4	29,700 * b	175
180	39.8	343.3	15,900 *	46.9	361.1	23,800 *	56.5	378.1	28,700 * b	180
185	37.6	336.9	15,200 *	45.0	356.1	22,400 *	54.9	374.6	27,300 *	185
190	35.3	329.9	14,500 *	43.0	350.7	21,000 *	53.2	370.8	26,000 *	190
195	32.8	322.2	13,800 *	40.9	345.0	19,800 *	51.5	366.8	24,700 *	195
200	30.2	313.8	13,200 *	38.8	338.8	18,600 *	49.7	362.6	23,500 *	200
205	27.3	304.3	12,600 *	36.5	332.1	17,500 *	47.9	358.0	22,400 *	205
210	24.1	293.4	12,000 *	34.1	324.8	16,400 *	46.0	353.2	21,400 *	210
215	20.4	280.6	11,500 *	31.6	316.7	15,400 *	44.1	348.0	20,300 *	215
220	15.8	264.4	11,000 *	28.8	307.8	14,500 *	42.0	342.5	19,400 *	220
230				22.4	286.0	12,800 *	37.8	330.1	17,600 *	230
240				12.9	252.7	11,000 *	33.0	315.5	15,900 *	240
250							27.4	297.7	14,100 *	250
260							20.5	274.2	12,400 *	260
270							9.4	234.2	10,800 *	270



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

200 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.0	422.2	34,900 * ^b							80
85	73.6	420.6	34,000 *							85
90	72.3	418.9	33,100 *							90
95	70.9	417.0	32,100 *							95
100	69.5	415.0	31,100 *							100
105	68.1	412.9	30,100 *							105
110	66.7	410.6	29,100 *							110
115	65.2	408.1	28,000 *	70.2	414.6	37,200 *				115
120	63.8	405.5	27,000 *	68.8	412.5	36,600 *				120
125	62.3	402.7	26,000 *	67.4	410.3	36,000 *				125
130	60.8	399.8	25,000 *	66.0	407.9	35,200 *				130
135	59.3	396.7	24,000 *	64.5	405.4	34,400 *				135
140	57.7	393.4	23,000 *	63.1	402.7	33,600 *				140
145	56.2	389.8	22,000 *	61.6	399.8	32,700 *				145
150	54.5	386.1	21,100 *	60.1	396.8	31,700 *				150
155	52.9	382.2	20,200 *	58.5	393.6	30,700 *				155
160	51.2	378.0	19,300 *	57.0	390.2	29,700 *				160
165	49.5	373.5	18,400 *	55.4	386.6	28,700 *				165
170	47.7	368.8	17,600 *	53.8	382.7	27,600 *	62.4	395.8	30,500 *	170
175	45.9	363.7	16,900 *	52.1	378.7	26,500 *	60.9	392.9	29,700 *	175
180	44.0	358.3	16,100 *	50.4	374.3	24,900 *	59.4	389.8	28,800 *	180
185	42.0	352.6	15,400 *	48.6	369.8	23,500 *	57.8	386.5	27,900 *	185
190	39.9	346.4	14,700 *	46.8	364.9	22,100 *	56.2	383.0	26,700 *	190
195	37.8	339.7	14,100 *	45.0	359.7	20,800 *	54.6	379.2	25,500 *	195
200	35.5	332.5	13,500 *	43.0	354.1	19,700 *	53.0	375.3	24,300 *	200
205	33.1	324.5	12,900 *	41.0	348.1	18,500 *	51.3	371.1	23,100 *	205
210	30.5	315.8	12,300 *	38.9	341.7	17,500 *	49.6	366.7	22,100 *	210
215	27.7	306.0	11,800 *	36.7	334.8	16,500 *	47.8	361.9	21,100 *	215
220	24.5	294.8	11,300 *	34.4	327.2	15,500 *	46.0	356.9	20,100 *	220
230	16.3	264.6	10,400 *	29.2	309.7	13,800 *	42.1	345.8	18,300 *	230
240				22.8	287.2	12,200 *	37.9	333.0	16,600 *	240
250				13.4	252.4	10,600 *	33.2	317.9	15,100 *	250
260							27.8	299.4	13,400 *	260
270							21.0	275.1	11,800 *	270
280							9.8	233.0	10,300 *	280

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.7	432.7	32,700 *b							80
85	74.4	431.1	31,900 *							85
90	73.1	429.5	31,100 *							90
95	71.8	427.7	30,200 *							95
100	70.4	425.8	29,400 *							100
105	69.1	423.8	28,500 *							105
110	67.7	421.6	27,600 *							110
115	66.4	419.3	26,700 *							115
120	65.0	416.8	25,700 *	69.8	423.3	34,200 *				120
125	63.6	414.2	24,800 *	68.4	421.2	33,700 *				125
130	62.2	411.4	23,900 *	67.1	419.0	33,100 *				130
135	60.8	408.5	23,000 *	65.7	416.6	32,500 *				135
140	59.3	405.3	22,100 *	64.3	414.0	31,800 *				140
145	57.8	402.0	21,200 *	62.9	411.4	31,000 *				145
150	56.3	398.6	20,300 *	61.5	408.5	30,200 *				150
155	54.8	394.9	19,500 *	60.1	405.5	29,300 *				155
160	53.2	391.0	18,700 *	58.6	402.3	28,500 *				160
165	51.6	386.8	17,900 *	57.1	398.9	27,600 *				165
170	50.0	382.5	17,100 *	55.6	395.3	26,700 *				170
175	48.3	377.8	16,400 *	54.0	391.5	25,700 *	62.3	404.5	28,500 *	175
180	46.6	372.9	15,700 *	52.5	387.5	24,500 *	60.8	401.5	27,700 *	180
185	44.8	367.7	15,000 *	50.8	383.3	23,000 *	59.4	398.4	26,900 *	185
190	42.9	362.1	14,300 *	49.2	378.8	21,700 *	57.9	395.1	26,100 *	190
195	41.0	356.2	13,700 *	47.5	374.0	20,400 *	56.4	391.7	24,900 *	195
200	39.0	349.8	13,100 *	45.7	368.9	19,200 *	54.9	388.0	23,800 *	200
205	36.9	342.9	12,600 *	43.9	363.5	18,100 *	53.3	384.1	22,600 *	205
210	34.7	335.4	12,000 *	42.0	357.8	17,000 *	51.7	380.0	21,600 *	210
215	32.3	327.3	11,500 *	40.0	351.6	16,000 *	50.1	375.6	20,600 *	215
220	29.8	318.3	11,000 *	38.0	345.0	15,100 *	48.4	371.0	19,600 *	220
230	23.9	296.7	10,100 *	33.6	330.1	13,300 *	44.9	360.9	17,800 *	230
240	15.9	265.8	8,800 *	28.5	312.1	11,700 *	41.1	349.4	16,200 *	240
250				22.2	289.0	10,300 *	37.0	336.2	14,700 *	250
260				13.1	253.4	8,800 *	32.4	320.6	12,900 *	260
270							27.1	301.7	11,400 *	270
280							20.5	276.8	10,000 *	280
290							9.6	233.7	8,600 *	290



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

200 Ft. Boom, 160 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.7	441.5	29,600 *							85
90	74.5	439.9	28,900 *							90
95	73.2	438.2	28,300 *							95
100	72.0	436.4	27,600 *							100
105	70.7	434.5	26,900 *							105
110	69.4	432.4	26,100 *							110
115	68.1	430.2	25,400 *							115
120	66.8	427.8	24,600 *							120
125	65.5	425.4	23,800 *	70.1	432.0	30,700 *				125
130	64.1	422.7	23,000 *	68.8	429.8	29,900 *				130
135	62.8	419.9	22,300 *	67.5	427.6	29,100 *				135
140	61.4	417.0	21,500 *	66.2	425.2	28,400 *				140
145	60.0	413.9	20,700 *	64.8	422.6	27,600 *				145
150	58.6	410.6	19,900 *	63.5	419.9	27,000 *				150
155	57.2	407.1	19,200 *	62.1	417.0	26,300 *				155
160	55.7	403.5	18,400 *	60.7	414.0	25,700 *				160
165	54.2	399.6	17,700 *	59.3	410.8	25,100 *				165
170	52.7	395.6	17,000 *	57.9	407.5	24,500 *				170
175	51.1	391.3	16,300 *	56.5	403.9	23,900 *				175
180	49.5	386.7	15,700 *	55.0	400.2	23,400 *	62.9	413.0	26,300 *	180
185	47.9	381.9	15,000 *	53.5	396.2	22,900 *	61.5	410.1	25,700 *	185
190	46.2	376.8	14,400 *	51.9	392.0	22,500 *	60.1	407.0	25,200 *	190
195	44.4	371.4	13,800 *	50.3	387.6	21,200 *	58.7	403.7	24,700 *	195
200	42.6	365.6	13,300 *	48.7	382.9	20,000 *	57.2	400.3	24,100 *	200
205	40.7	359.5	12,700 *	47.1	378.0	18,900 *	55.8	396.6	23,100 *	205
210	38.8	352.9	12,200 *	45.3	372.7	17,800 *	54.3	392.8	22,100 *	210
215	36.7	345.8	11,700 *	43.6	367.2	16,800 *	52.7	388.7	21,100 *	215
220	34.5	338.1	11,200 *	41.7	361.2	15,900 *	51.2	384.4	20,100 *	220
230	29.7	320.5	10,300 *	37.8	348.0	14,100 *	47.9	375.1	18,300 *	230
240	24.0	298.4	9,500 *	33.4	332.7	12,500 *	44.5	364.6	16,700 *	240
250	16.1	266.6	8,300 *	28.5	314.2	11,100 *	40.8	352.7	15,200 *	250
260				22.4	290.4	9,700 *	36.8	339.1	13,700 *	260
270				13.4	253.8	8,400 *	32.4	323.1	12,200 *	270
280							27.2	303.6	10,800 *	280
290							20.6	278.0	9,500 *	290
300							9.8	233.5	8,200 *	300

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.4	450.8	27,100 *							90
95	74.2	449.2	26,600 *							95
100	73.0	447.5	26,000 *							100
105	71.8	445.6	25,300 *							105
110	70.6	443.7	24,700 *							110
115	69.3	441.6	24,000 *							115
120	68.1	439.4	23,300 *							120
125	66.8	437.1	22,600 *	71.2	443.2	29,200 *				125
130	65.6	434.6	21,900 *	70.0	441.2	28,900 *				130
135	64.3	432.0	21,200 *	68.7	439.1	28,100 *				135
140	63.0	429.3	20,500 *	67.5	436.8	27,400 *				140
145	61.7	426.4	19,800 *	66.2	434.4	26,700 *				145
150	60.3	423.3	19,100 *	64.9	431.9	26,100 *				150
155	59.0	420.1	18,400 *	63.7	429.2	25,400 *				155
160	57.6	416.7	17,700 *	62.3	426.4	24,900 *				160
165	56.2	413.1	17,100 *	61.0	423.4	24,300 *				165
170	54.8	409.3	16,400 *	59.7	420.3	23,700 *				170
175	53.3	405.4	15,800 *	58.3	416.9	23,200 *				175
180	51.8	401.2	15,200 *	56.9	413.5	22,700 *				180
185	50.3	396.8	14,600 *	55.5	409.8	22,200 *	63.0	422.3	24,800 *	185
190	48.8	392.1	14,000 *	54.1	405.9	21,800 *	61.7	419.4	24,300 *	190
195	47.2	387.2	13,400 *	52.6	401.9	20,700 *	60.4	416.4	23,800 *	195
200	45.5	382.0	12,900 *	51.1	397.6	19,500 *	59.0	413.2	23,300 *	200
205	43.8	376.5	12,300 *	49.6	393.1	18,400 *	57.7	409.8	22,600 *	205
210	42.1	370.7	11,800 *	48.0	388.3	17,300 *	56.3	406.2	21,600 *	210
215	40.3	364.4	11,400 *	46.4	383.2	16,300 *	54.9	402.5	20,600 *	215
220	38.4	357.8	10,900 *	44.7	377.9	15,400 *	53.4	398.5	19,600 *	220
230	34.3	342.9	10,000 *	41.2	366.2	13,600 *	50.4	389.9	17,800 *	230
240	29.7	325.2	9,200 *	37.4	352.9	12,100 *	47.3	380.4	16,200 *	240
250	24.2	303.2	8,400 *	33.2	337.4	10,600 *	43.9	369.7	14,700 *	250
260	16.8	272.5	6,800 *	28.4	318.9	9,300 *	40.4	357.7	13,300 *	260
270				22.6	295.4	8,100 *	36.5	343.9	11,700 *	270
280				14.4	260.6	6,800 *	32.2	327.8	10,300 *	280
290							27.2	308.4	9,000 *	290
300							21.0	283.1	7,800 *	300
310							11.5	242.4	6,600 *	310



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

200 Ft. Boom, 160 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.1	459.7	24,300 *							95
100	73.9	458.1	23,800 *							100
105	72.8	456.4	23,400 *							105
110	71.6	454.5	22,900 *							110
115	70.4	452.5	22,400 *							115
120	69.2	450.4	21,900 *							120
125	68.0	448.2	21,300 *							125
130	66.8	445.8	20,700 *							130
135	65.6	443.4	20,200 *	69.9	450.0	23,900 *				135
140	64.4	440.7	19,600 *	68.7	447.9	23,500 *				140
145	63.1	438.0	19,000 *	67.5	445.6	23,100 *				145
150	61.9	435.1	18,400 *	66.2	443.2	22,700 *				150
155	60.6	432.0	17,800 *	65.0	440.6	22,300 *				155
160	59.3	428.8	17,300 *	63.8	437.9	21,900 *				160
165	58.0	425.4	16,700 *	62.5	435.1	21,600 *				165
170	56.6	421.9	16,100 *	61.2	432.1	21,200 *				170
175	55.3	418.2	15,500 *	60.0	429.0	20,900 *				175
180	53.9	414.3	15,000 *	58.6	425.7	20,400 *				180
185	52.5	410.1	14,500 *	57.3	422.2	19,900 *				185
190	51.0	405.8	13,900 *	56.0	418.6	19,400 *				190
195	49.5	401.2	13,400 *	54.6	414.8	19,000 *	61.9	428.2	20,300 *	195
200	48.0	396.4	12,900 *	53.2	410.8	18,600 *	60.6	425.1	20,000 *	200
205	46.4	391.4	12,400 *	51.8	406.6	18,200 *	59.3	421.9	19,800 *	205
210	44.8	386.0	12,000 *	50.3	402.1	17,800 *	58.0	418.5	19,500 *	210
215	43.2	380.3	11,500 *	48.8	397.5	17,400 *	56.7	415.0	19,300 *	215
220	41.5	374.3	11,100 *	47.3	392.5	16,900 *	55.3	411.3	19,000 *	220
230	37.8	361.1	10,200 *	44.0	381.8	15,100 *	52.5	403.3	18,400 *	230
240	33.8	345.8	9,500 *	40.6	369.8	13,400 *	49.6	394.4	17,600 *	240
250	29.3	327.7	8,800 *	36.9	356.1	11,800 *	46.5	384.6	16,100 *	250
260	23.9	305.3	8,100 *	32.8	340.2	10,400 *	43.3	373.6	14,600 *	260
270	16.7	273.9	6,800 *	28.1	321.3	9,200 *	39.8	361.2	13,000 *	270
280				22.4	297.3	8,000 *	36.0	347.0	11,500 *	280
290				14.4	261.9	6,900 *	31.8	330.5	10,200 *	290
300							26.9	310.7	8,900 *	300
310							20.9	285.0	7,700 *	310
320							11.5	243.5	6,600 *	320

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.7	470.2	22,800 *							95
100	74.5	468.6	22,400 *							100
105	73.4	467.0	22,000 *							105
110	72.3	465.2	21,600 *							110
115	71.2	463.3	21,100 *							115
120	70.1	461.3	20,700 *							120
125	68.9	459.1	20,200 *							125
130	67.8	456.9	19,700 *							130
135	66.6	454.5	19,200 *	70.6	460.8	23,400 *				135
140	65.4	452.0	18,600 *	69.5	458.7	23,100 *				140
145	64.2	449.4	18,100 *	68.4	456.6	22,800 *				145
150	63.0	446.6	17,600 *	67.2	454.3	22,400 *				150
155	61.8	443.7	17,100 *	66.0	451.8	22,000 *				155
160	60.6	440.7	16,500 *	64.8	449.3	21,700 *				160
165	59.3	437.5	16,000 *	63.6	446.6	21,200 *				165
170	58.0	434.1	15,500 *	62.4	443.7	20,700 *				170
175	56.8	430.6	14,900 *	61.2	440.8	20,200 *				175
180	55.4	426.9	14,400 *	60.0	437.7	19,700 *				180
185	54.1	423.0	13,900 *	58.7	434.4	19,200 *				185
190	52.8	419.0	13,400 *	57.4	430.9	18,800 *				190
195	51.4	414.7	12,900 *	56.1	427.3	18,400 *				195
200	50.0	410.2	12,500 *	54.8	423.6	18,000 *	61.9	436.8	19,400 *	200
205	48.5	405.5	12,000 *	53.5	419.6	17,600 *	60.6	433.8	19,200 *	205
210	47.0	400.6	11,600 *	52.1	415.4	17,200 *	59.4	430.6	19,000 *	210
215	45.5	395.3	11,100 *	50.7	411.1	16,900 *	58.1	427.2	18,800 *	215
220	43.9	389.8	10,700 *	49.3	406.5	16,400 *	56.8	423.7	18,500 *	220
230	40.6	377.8	9,900 *	46.3	396.6	14,600 *	54.2	416.2	17,800 *	230
240	37.1	364.2	9,200 *	43.1	385.5	12,900 *	51.4	407.9	17,100 *	240
250	33.1	348.5	8,500 *	39.8	373.2	11,300 *	48.6	398.7	15,500 *	250
260	28.7	330.0	7,800 *	36.2	359.1	10,000 *	45.6	388.5	14,100 *	260
270	23.4	307.1	6,700 *	32.1	342.9	8,700 *	42.4	377.2	12,500 *	270
280	16.4	275.1	5,300 *	27.5	323.5	7,500 *	39.0	364.5	11,000 *	280
290				22.0	299.0	6,400 *	35.3	350.0	9,700 *	290
300				14.1	262.9	5,400 *	31.1	333.1	8,400 *	300
310							26.3	312.8	7,300 *	310
320							20.4	286.5	6,200 *	320
330							11.2	244.2	5,200 *	330



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
 248,700 Lb. Crane Counterweight
 120,000 Lb. Carbody Counterweight
 360 Degree Rating

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

200 Ft. Boom, 160 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.1	479.3	20,100 *							100
105	74.0	477.7	19,700 *							105
110	72.9	475.9	19,300 *							110
115	71.8	474.1	18,900 *							115
120	70.7	472.2	18,500 *							120
125	69.7	470.2	18,100 *							125
130	68.5	468.0	17,700 *							130
135	67.4	465.7	17,300 *							135
140	66.3	463.3	17,000 *	70.2	469.7	17,800 *				140
145	65.2	460.8	16,600 *	69.1	467.6	17,400 *				145
150	64.0	458.2	16,300 *	68.0	465.4	17,100 *				150
155	62.9	455.4	15,900 *	66.9	463.1	16,700 *				155
160	61.7	452.5	15,500 *	65.8	460.6	16,400 *				160
165	60.5	449.5	15,100 *	64.6	458.1	16,100 *				165
170	59.3	446.3	14,600 *	63.5	455.4	15,700 *				170
175	58.1	443.0	14,200 *	62.3	452.6	15,400 *				175
180	56.8	439.5	13,800 *	61.1	449.6	15,100 *				180
185	55.6	435.8	13,400 *	59.9	446.5	14,800 *				185
190	54.3	432.0	12,900 *	58.7	443.2	14,600 *				190
195	53.0	428.0	12,500 *	57.5	439.8	14,300 *				195
200	51.7	423.8	12,100 *	56.2	436.2	14,000 *	62.9	448.5	14,800 *	200
205	50.3	419.4	11,700 *	55.0	432.5	13,800 *	61.7	445.6	14,600 *	205
210	48.9	414.8	11,300 *	53.7	428.6	13,500 *	60.6	442.6	14,300 *	210
215	47.5	409.9	10,900 *	52.3	424.5	13,200 *	59.3	439.4	14,100 *	215
220	46.1	404.8	10,600 *	51.0	420.2	13,000 *	58.1	436.1	13,900 *	220
230	43.0	393.8	9,800 *	48.2	410.9	12,600 *	55.6	428.9	13,400 *	230
240	39.8	381.4	9,200 *	45.3	400.7	12,200 *	53.1	421.1	13,000 *	240
250	36.3	367.5	8,500 *	42.3	389.4	11,800 *	50.4	412.5	12,600 *	250
260	32.5	351.5	7,900 *	39.0	376.7	10,500 *	47.6	403.1	12,200 *	260
270	28.1	332.6	7,200 *	35.4	362.3	9,200 *	44.6	392.6	11,900 *	270
280	23.0	309.3	6,200 *	31.5	345.7	8,000 *	41.5	381.0	11,500 *	280
290	16.1	276.9	4,900 *	27.0	326.0	7,000 *	38.2	367.9	10,200 *	290
300				21.5	301.1	6,000 *	34.5	353.1	8,900 *	300
310				13.8	264.5	5,000 *	30.5	335.9	7,800 *	310
320							25.8	315.2	6,800 *	320
330							20.0	288.5	5,800 *	330
340							11.1	245.8	4,800 *	340

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
248,700 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.6	489.7	18,900 *							100
105	74.6	488.2	18,600 *							105
110	73.5	486.5	18,300 *							110
115	72.5	484.8	18,000 *							115
120	71.4	482.9	17,700 *							120
125	70.4	481.0	17,400 *							125
130	69.3	478.9	17,000 *							130
135	68.3	476.7	16,700 *							135
140	67.2	474.4	16,300 *	70.9	480.5	17,400 *				140
145	66.1	472.0	15,900 *	69.9	478.5	17,100 *				145
150	65.0	469.5	15,500 *	68.8	476.3	16,800 *				150
155	63.9	466.9	15,200 *	67.7	474.1	16,400 *				155
160	62.8	464.1	14,800 *	66.7	471.8	16,200 *				160
165	61.6	461.2	14,400 *	65.6	469.3	15,900 *				165
170	60.5	458.2	14,000 *	64.5	466.7	15,600 *				170
175	59.3	455.0	13,600 *	63.3	464.0	15,300 *				175
180	58.1	451.7	13,200 *	62.2	461.2	15,000 *				180
185	56.9	448.2	12,800 *	61.1	458.2	14,700 *				185
190	55.7	444.6	12,400 *	59.9	455.1	14,400 *				190
195	54.5	440.8	12,000 *	58.7	451.9	14,200 *				195
200	53.2	436.8	11,600 *	57.6	448.5	13,900 *				200
205	52.0	432.7	11,300 *	56.4	445.0	13,600 *	62.8	457.2	14,200 *	205
210	50.7	428.3	10,900 *	55.1	441.3	13,400 *	61.7	454.3	14,100 *	210
215	49.3	423.8	10,500 *	53.9	437.4	13,200 *	60.5	451.2	13,800 *	215
220	48.0	419.0	10,200 *	52.6	433.3	13,000 *	59.4	448.1	13,600 *	220
230	45.2	408.7	9,500 *	50.0	424.6	12,500 *	57.0	441.3	13,200 *	230
240	42.2	397.4	8,800 *	47.3	415.1	12,100 *	54.6	433.9	12,800 *	240
250	39.0	384.8	8,200 *	44.5	404.6	11,300 *	52.0	425.8	12,500 *	250
260	35.6	370.5	7,600 *	41.5	393.0	10,000 *	49.4	416.9	12,100 *	260
270	31.9	354.1	6,700 *	38.2	380.0	8,700 *	46.7	407.2	11,800 *	270
280	27.6	334.9	5,700 *	34.8	365.3	7,600 *	43.8	396.4	11,000 *	280
290	22.5	311.1	4,800 *	30.9	348.3	6,500 *	40.7	384.5	9,700 *	290
300				26.5	328.1	5,500 *	37.5	371.1	8,400 *	300
310				21.1	302.7	4,600 *	33.9	356.0	7,300 *	310
320							29.9	338.3	6,300 *	320
330							25.3	317.2	5,300 *	330
340							19.6	290.0	4,400 *	340