

Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 4,800 Lb. minimum block weight.

Upper luffing jib point capacity for liftcrane service with single part whip line is 30,000 Lbs. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacities.

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 and luffing jib point sheaves, is considered part of luffing jib load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 172894**, **No. 174308** or **No. 192086**, Wire Rope Specification chart **No. 7638-A**, Counterweight Arrangement chart **No. 7692-A** and Luffing Jib Raising Procedure chart **No. 7604-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 7678-A**.

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M-250 SERIES 2

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

MACHINE EQUIPMENT: Machine equipped with 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, 207,000 Lb. crane counterweight and two 30,000 Lb. carbody counterweights.

Consult chart **No. 7639-A** for lifting off main boom point with luffing jib attached.

Deduct From Luffing Jib Capacities When Fixed Jib Is Attached	
Fixed Jib Length	Fixed Jib No. 140
40 Ft.	7,200 Lbs.
60 Ft.	8,900 Lbs.
80 Ft.	11,100 Lbs.
100 Ft.	13,400 Lbs.
120 Ft.	16,000 Lbs.



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M-250 SERIES 2

80 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
36	69.9	155.4	180,000 *b																			36
38	68.1	154.6	174,000 *b																			38
40	66.3	153.7	166,800 *b																			40
45	61.7	151.2	150,600 *b	68.2	154.0	173,500 *b																45
50	56.9	148.1	132,700 *b	63.7	151.7	156,800 *b	67.6	153.0	170,300 *b													50
55	51.8	144.4	117,400 *	59.0	148.8	142,600 *b	63.0	150.6	154,200 *b													55
60	46.3	139.9	104,200 *	54.0	145.4	124,000 *	58.3	147.6	139,500 *b													60
65	40.2	134.4	93,500 *	48.7	141.2	109,500 *	53.3	144.1	121,700 *	60.2	147.2	132,100 b										65
70	33.2	127.4	84,700 *	42.9	136.2	97,900 *	47.9	139.8	107,700 *	55.3	143.9	120,300										70
75	24.4	117.9	77,200 *	36.3	129.9	88,300 *	42.0	134.6	96,400 *	50.1	140.0	110,300	57.1	142.9	107,500							75
80	9.3	100.1	65,200 *	28.5	121.7	80,300 *	35.3	128.1	87,100 *	44.4	135.2	100,600 *	52.0	139.2	99,100							80
85				17.5	109.3	73,500 *	27.1	119.5	79,300 *	38.0	129.2	90,600 *	46.5	134.7	91,900							85
90							15.2	105.8	72,600 *	30.6	121.6	82,200 *	40.4	129.3	85,600	48.3	133.4	83,400				90
95										20.7	110.7	75,200 *	33.5	122.3	80,000	42.4	128.3	77,900				95
100													24.7	113.0	75,000	35.8	121.9	73,100	44.0	126.3	71,200	100
105													10.2	96.0	70,400	27.8	113.5	68,700	37.6	120.3	67,000	105
110																16.4	100.5	64,800	30.1	112.5	63,200	110
115																			20.0	101.3	59,700	115



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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M-250 SERIES 2

80 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
36	72.5	166.1	177,500 *b																			36
38	71.0	165.4	170,100 *b																			38
40	69.4	164.6	163,200 *b																			40
45	65.5	162.4	148,000 *b																			45
50	61.5	159.9	134,700 *	67.2	162.7	153,800 *b																50
55	57.3	156.8	118,000 *	63.3	160.3	140,200 *b	66.6	161.7	151,400 *b													55
60	52.9	153.2	104,800 *	59.1	157.5	124,800 *	62.6	159.2	138,200 *b													60
65	48.2	148.9	94,000 *	54.8	154.1	110,200 *	58.5	156.3	122,400 *													65
70	43.1	143.9	85,100 *	50.2	150.2	98,400 *	54.1	152.9	108,300 *	60.2	155.9	119,800										70
75	37.4	137.8	77,600 *	45.3	145.5	88,700 *	49.5	148.8	96,900 *	55.9	152.6	109,900										75
80	30.9	130.2	71,200 *	40.0	139.9	80,700 *	44.6	144.0	87,500 *	51.4	148.8	101,100 *	57.5	151.6	98,600							80
85	22.7	119.8	65,600 *	33.9	133.0	73,800 *	39.1	138.2	79,600 *	46.6	144.3	91,000 *	53.1	148.0	91,400							85
90	8.6	100.8	56,200 *	26.5	124.1	67,900 *	32.9	131.1	72,900 *	41.3	139.0	82,600 *	48.4	143.8	85,200							90
95				16.3	110.7	62,800 *	25.3	121.7	67,100 *	35.4	132.4	75,500 *	43.3	138.8	79,600	49.9	142.3	77,500				95
100							14.1	107.0	62,100 *	28.5	124.1	69,400 *	37.7	132.7	74,700	44.9	137.6	72,700				100
105										19.3	112.3	64,100 *	31.2	125.1	70,200	39.5	131.9	68,400	46.3	135.5	66,500	105
110													23.1	115.0	65,900 *	33.4	124.9	64,500	41.0	130.1	62,800	110
115													9.5	96.8	61,000 *	25.9	115.8	60,900	35.1	123.5	59,300	115
120																15.2	101.7	57,700	28.0	115.0	56,200	120



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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M-250 SERIES 2

80 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
36	74.5	176.5	173,000 *b																			36
38	73.2	175.9	166,200 *b																			38
40	71.8	175.3	159,600 *b																			40
45	68.4	173.4	145,000 *b																			45
50	64.9	171.1	132,600 *	69.9	173.5	150,800 *b																50
55	61.3	168.5	118,500 *	66.4	171.5	137,800 *b																55
60	57.6	165.5	105,200 *	62.9	169.0	125,300 *	65.9	170.4	135,900 *													60
65	53.7	161.9	94,300 *	59.2	166.1	110,600 *	62.4	167.9	122,900 *													65
70	49.6	157.9	85,300 *	55.4	162.8	98,800 *	58.7	165.0	108,700 *													70
75	45.2	153.1	77,800 *	51.4	159.0	89,000 *	54.8	161.6	97,200 *	60.1	164.5	109,500										75
80	40.5	147.6	71,300 *	47.2	154.6	80,900 *	50.8	157.7	87,700 *	56.4	161.3	101,000										80
85	35.2	141.0	65,800 *	42.6	149.4	74,000 *	46.5	153.2	79,800 *	52.4	157.6	91,300 *	57.8	160.3	91,000							85
90	29.1	132.7	60,900 *	37.5	143.3	68,100 *	41.8	147.9	73,100 *	48.2	153.4	82,800 *	53.9	156.8	84,800							90
95	21.3	121.7	56,600 *	31.8	135.8	62,900 *	36.7	141.6	67,300 *	43.7	148.4	75,700 *	49.8	152.7	79,200							95
100	8.0	101.5	48,900 *	24.9	126.3	58,400 *	30.9	133.9	62,200 *	38.8	142.5	69,500 *	45.4	148.0	74,300	51.1	151.2	72,300				100
105				15.3	112.0	54,400 *	23.7	123.8	57,800 *	33.3	135.5	64,200 *	40.7	142.5	69,900	46.8	146.7	68,000				105
110							13.2	108.1	53,800 *	26.8	126.5	59,500 *	35.4	135.9	66,000	42.2	141.5	64,100	48.0	144.6	62,400	110
115										18.2	113.9	55,400 *	29.3	127.8	61,200 *	37.1	135.3	60,600	43.5	139.5	59,000	115
120													21.7	116.9	56,900 *	31.4	127.7	57,500	38.5	133.6	55,900	120
130																14.3	103.0	51,800	26.4	117.4	50,400	130



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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M-250 SERIES 2

80 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	74.9	186.4	157,100 *b																			38
40	73.7	185.8	153,700 *b																			40
45	70.7	184.1	141,900 *b																			45
50	67.6	182.1	130,000 *																			50
55	64.4	179.8	118,700 *	68.9	182.3	135,100 *																55
60	61.2	177.2	105,200 *	65.8	180.2	124,300 *																60
65	57.9	174.1	94,300 *	62.6	177.7	110,700 *	65.3	179.1	122,900 *													65
70	54.4	170.7	85,300 *	59.3	174.8	98,800 *	62.1	176.6	108,800 *													70
75	50.7	166.8	77,700 *	55.9	171.5	89,000 *	58.8	173.6	97,200 *													75
80	46.9	162.3	71,200 *	52.3	167.8	80,800 *	55.4	170.3	87,700 *	60.1	173.2	100,500										80
85	42.8	157.1	65,600 *	48.6	163.6	73,900 *	51.8	166.5	79,700 *	56.7	170.0	91,300 *										85
90	38.3	151.1	60,700 *	44.6	158.7	68,000 *	48.0	162.2	73,000 *	53.2	166.4	82,800 *	58.0	168.9	84,300							90
95	33.3	144.0	56,400 *	40.3	153.1	62,800 *	43.9	157.2	67,200 *	49.5	162.3	75,600 *	54.5	165.5	78,800							95
100	27.5	135.2	52,600 *	35.5	146.5	58,200 *	39.6	151.5	62,100 *	45.6	157.6	69,400 *	50.9	161.6	73,900							100
105	20.2	123.5	49,200 *	30.1	138.5	54,200 *	34.7	144.7	57,600 *	41.3	152.2	64,100 *	47.0	157.1	69,500	52.0	160.0	67,500				105
110	7.6	102.1	42,800 *	23.6	128.3	50,700 *	29.2	136.5	53,700 *	36.7	145.9	59,400 *	42.9	152.0	65,500	48.3	155.7	63,700				110
115				14.5	113.2	47,400 *	22.5	125.8	50,200 *	31.5	138.3	55,200 *	38.5	146.0	61,000 *	44.3	150.8	60,200				115
120							12.5	109.2	47,000 *	25.3	128.8	51,600 *	33.5	138.9	56,700 *	39.9	145.2	57,000	45.3	148.8	55,400	120
130													20.5	118.7	49,400 *	29.7	130.4	51,500	36.4	136.9	50,000	130
140																13.5	104.1	46,700	24.9	119.6	45,400	140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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M-250 SERIES 2

80 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.2	196.2	145,700 *b																			40
45	72.5	194.7	138,300 *b																			45
50	69.7	192.9	127,100 *																			50
55	66.9	190.9	117,300 *	70.9	193.0	132,000 *																55
60	64.0	188.5	108,300 *	68.1	191.1	121,800 *																60
65	61.1	185.8	97,000 *	65.3	188.9	112,800 *	67.7	190.1	120,400 *													65
70	58.1	182.8	87,600 *	62.4	186.3	101,600 *	64.9	187.8	111,700 *													70
75	54.9	179.4	79,800 *	59.4	183.5	91,500 *	61.9	185.2	100,000 *													75
80	51.6	175.6	73,100 *	56.3	180.2	83,000 *	58.9	182.3	90,100 *													80
85	48.2	171.3	67,300 *	53.1	176.6	75,900 *	55.8	179.0	81,900 *	60.1	181.8	92,700										85
90	44.5	166.4	62,300 *	49.7	172.5	69,700 *	52.6	175.3	74,900 *	57.0	178.7	85,000 *										90
95	40.7	160.8	57,900 *	46.1	167.9	64,400 *	49.2	171.2	68,900 *	53.9	175.2	77,600 *										95
100	36.4	154.4	54,000 *	42.4	162.6	59,700 *	45.6	166.4	63,700 *	50.5	171.2	71,200 *	55.0	174.2	73,400							100
105	31.7	146.8	50,500 *	38.3	156.6	55,600 *	41.8	161.1	59,100 *	47.0	166.7	65,700 *	51.7	170.4	69,000							105
110	26.2	137.5	47,300 *	33.8	149.6	51,900 *	37.6	154.9	55,000 *	43.3	161.6	60,900 *	48.3	166.1	65,100	52.8	168.8	63,200				110
115	19.2	125.1	44,400 *	28.6	141.1	48,600 *	33.1	147.7	51,400 *	39.3	155.8	56,600 *	44.7	161.3	61,500	49.4	164.7	59,700				115
120	7.2	102.6	35,800 *	22.5	130.3	45,700 *	27.8	138.9	48,200 *	34.9	149.0	52,800 *	40.8	155.7	58,100 *	45.9	160.0	56,600				120
130							11.9	110.2	42,600 *	24.1	130.9	46,400 *	31.9	141.8	50,700 *	38.0	148.6	51,100	43.1	152.8	49,500	130
140													19.5	120.4	44,600 *	28.2	132.9	46,400	34.7	140.1	45,000	140
150																12.9	105.2	42,200	23.7	121.7	41,000	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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M-250 SERIES 2

80 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.0	205.2	130,000 *																			45
50	71.5	203.5	124,200 *																			50
55	69.0	201.7	114,900 *																			55
60	66.4	199.6	106,600 *	70.1	201.8	119,300 *																60
65	63.7	197.2	96,700 *	67.5	199.8	110,700 *																65
70	61.0	194.5	87,300 *	64.9	197.6	101,300 *	67.1	198.8	109,700 *													70
75	58.2	191.5	79,400 *	62.2	195.0	91,200 *	64.5	196.5	99,700 *													75
80	55.3	188.1	72,700 *	59.4	192.1	82,700 *	61.8	193.9	89,800 *													80
85	52.4	184.4	66,900 *	56.6	188.9	75,500 *	59.0	191.0	81,600 *	62.8	193.3	92,200										85
90	49.3	180.2	61,900 *	53.7	185.4	69,400 *	56.2	187.7	74,600 *	60.1	190.5	84,700 *										90
95	46.0	175.6	57,500 *	50.6	181.4	64,000 *	53.2	184.1	68,500 *	57.3	187.4	77,200 *										95
100	42.5	170.3	53,500 *	47.4	177.0	59,300 *	50.1	180.1	63,300 *	54.4	183.9	70,800 *										100
105	38.8	164.4	50,000 *	44.0	172.0	55,200 *	46.9	175.5	58,700 *	51.4	180.0	65,300 *	55.5	182.9	68,500							105
110	34.8	157.6	46,900 *	40.5	166.4	51,500 *	43.5	170.5	54,600 *	48.2	175.7	60,500 *	52.5	179.2	64,600							110
115	30.3	149.5	44,000 *	36.6	159.9	48,200 *	39.9	164.7	51,000 *	44.9	170.9	56,200 *	49.4	175.1	61,100							115
120	25.0	139.7	41,500 *	32.3	152.5	45,300 *	35.9	158.2	47,800 *	41.4	165.4	52,400 *	46.1	170.4	57,700 *	50.4	173.6	56,100				120
130	6.9	103.2	31,600 *	21.5	132.2	40,100 *	26.6	141.3	42,200 *	33.4	152.0	46,000 *	39.0	159.3	50,300 *	43.8	164.1	50,600	48.0	166.9	49,000	130
140							11.4	111.1	37,500 *	23.1	132.9	40,700 *	30.4	144.5	44,200 *	36.3	151.9	45,900	41.1	156.5	44,500	140
150													18.6	122.0	39,300 *	27.0	135.3	41,900	33.1	143.0	40,600	150
160																12.3	106.2	37,800 *	22.7	123.6	37,200	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

80 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.3	215.6	122,000 *																			45
50	73.0	214.1	117,000 *																			50
55	70.6	212.4	112,200 *																			55
60	68.3	210.5	104,700 *																			60
65	65.9	208.3	96,600 *	69.3	210.6	108,600 *																65
70	63.4	205.9	87,200 *	66.9	208.6	101,300 *																70
75	60.9	203.2	79,400 *	64.5	206.2	91,100 *	66.6	207.5	99,700 *													75
80	58.4	200.2	72,600 *	62.0	203.7	82,600 *	64.1	205.2	89,800 *													80
85	55.7	196.8	66,800 *	59.5	200.8	75,400 *	61.6	202.5	81,500 *													85
90	53.0	193.2	61,800 *	56.9	197.6	69,300 *	59.1	199.6	74,500 *	62.6	202.0	84,600 *										90
95	50.1	189.1	57,300 *	54.2	194.1	63,900 *	56.5	196.4	68,400 *	60.1	199.2	77,200 *										95
100	47.2	184.6	53,400 *	51.4	190.2	59,200 *	53.8	192.9	63,200 *	57.5	196.1	70,800 *										100
105	44.1	179.7	49,900 *	48.5	185.9	55,100 *	50.9	188.9	58,600 *	54.8	192.6	65,200 *										105
110	40.8	174.1	46,700 *	45.4	181.2	51,400 *	48.0	184.6	54,500 *	52.1	188.9	60,400 *	55.8	191.6	64,400							110
115	37.2	167.8	43,900 *	42.2	175.9	48,100 *	45.0	179.7	50,900 *	49.2	184.7	56,100 *	53.1	188.0	60,800							115
120	33.4	160.6	41,300 *	38.8	169.9	45,100 *	41.7	174.3	47,600 *	46.2	180.0	52,300 *	50.3	184.0	57,600							120
130	24.0	141.8	36,800 *	31.0	155.2	40,000 *	34.5	161.3	42,100 *	39.6	169.1	45,900 *	44.2	174.5	50,100 *	48.2	178.1	50,300				130
140	6.6	103.7	28,100 *	20.6	134.0	35,700 *	25.5	143.5	37,400 *	32.0	154.9	40,600 *	37.4	162.7	44,100 *	42.0	167.9	45,700	46.0	171.2	44,300	140
150							10.9	112.1	33,500 *	22.1	134.8	36,200 *	29.2	147.1	39,100 *	34.8	155.1	41,700	39.4	160.2	40,400	150
160													17.9	123.5	34,900 *	25.9	137.6	37,600 *	31.8	145.9	37,000	160
170																11.8	107.2	33,700 *	21.8	125.6	34,000	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

80 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.2	224.5	108,600 *																			50
55	72.1	223.0	104,300 *																			55
60	69.9	221.2	100,200 *																			60
65	67.7	219.2	95,400 *	70.8	221.3	103,000 *																65
70	65.5	217.0	87,500 *	68.7	219.4	98,900 *																70
75	63.2	214.5	79,500 *	66.4	217.3	91,400 *																75
80	60.9	211.8	72,700 *	64.2	214.9	82,800 *	66.1	216.2	90,100 *													80
85	58.5	208.8	66,800 *	61.9	212.3	75,500 *	63.8	213.9	81,700 *													85
90	56.0	205.5	61,700 *	59.5	209.5	69,300 *	61.5	211.2	74,500 *													90
95	53.5	201.9	57,200 *	57.1	206.3	63,800 *	59.1	208.3	68,400 *	62.4	210.6	77,300 *										95
100	50.9	198.0	53,200 *	54.6	202.8	59,100 *	56.7	205.1	63,100 *	60.1	207.8	70,800 *										100
105	48.2	193.6	49,700 *	52.0	199.1	54,900 *	54.2	201.6	58,400 *	57.7	204.7	65,200 *										105
110	45.4	188.9	46,500 *	49.4	194.9	51,200 *	51.6	197.7	54,300 *	55.2	201.4	60,300 *										110
115	42.4	183.6	43,600 *	46.6	190.3	47,800 *	49.0	193.5	50,700 *	52.7	197.6	55,900 *	56.1	200.3	60,300							115
120	39.2	177.7	41,000 *	43.7	185.2	44,800 *	46.2	188.9	47,400 *	50.0	193.6	52,100 *	53.6	196.8	57,100							120
130	32.1	163.4	36,500 *	37.3	173.3	39,700 *	40.1	178.0	41,800 *	44.4	184.1	45,600 *	48.3	188.5	49,900 *	51.8	191.3	49,800				130
140	23.1	143.9	32,600 *	29.8	157.9	35,300 *	33.2	164.3	37,100 *	38.1	172.5	40,300 *	42.5	178.4	43,800 *	46.4	182.4	45,200				140
150	6.3	104.2	25,000 *	19.8	135.7	31,600 *	24.5	145.7	33,100 *	30.8	157.7	35,900 *	35.9	166.0	38,800 *	40.3	171.6	41,300	44.2	175.3	39,900	150
160							10.5	112.9	29,700 *	21.3	136.7	32,100 *	28.1	149.6	34,600 *	33.4	158.1	37,300 *	37.9	163.6	36,500	160
170													17.2	125.0	31,000 *	24.9	139.8	33,400 *	30.6	148.6	33,600	170
180																11.3	108.2	29,900 *	20.9	127.4	31,000	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

80 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.3	234.9	103,900 *																			50
55	73.3	233.5	100,300 *																			55
60	71.3	231.8	96,600 *																			60
65	69.3	230.0	93,200 *																			65
70	67.2	227.9	87,700 *	70.1	230.1	95,600 *																70
75	65.1	225.7	80,300 *	68.1	228.2	90,900 *																75
80	63.0	223.2	73,400 *	66.0	226.0	83,700 *	67.8	227.2	90,200 *													80
85	60.8	220.5	67,400 *	63.9	223.6	76,300 *	65.7	225.0	82,500 *													85
90	58.6	217.5	62,200 *	61.7	221.0	69,900 *	63.6	222.5	75,300 *													90
95	56.3	214.2	57,700 *	59.5	218.1	64,400 *	61.4	219.9	69,100 *													95
100	54.0	210.7	53,700 *	57.3	215.0	59,600 *	59.2	217.0	63,700 *	62.3	219.3	71,400 *										100
105	51.5	206.8	50,100 *	55.0	211.6	55,400 *	56.9	213.8	59,000 *	60.1	216.5	65,700 *										105
110	49.0	202.6	46,800 *	52.6	207.8	51,600 *	54.6	210.3	54,800 *	57.8	213.4	60,800 *										110
115	46.4	198.0	43,900 *	50.1	203.8	48,200 *	52.2	206.5	51,100 *	55.5	210.1	56,400 *										115
120	43.7	192.9	41,200 *	47.6	199.3	45,100 *	49.8	202.4	47,700 *	53.2	206.4	52,500 *	56.4	209.0	56,700							120
130	37.8	181.1	36,500 *	42.1	189.1	39,800 *	44.5	193.0	42,000 *	48.2	198.1	45,900 *	51.6	201.6	50,200 *							130
140	31.0	166.2	32,500 *	36.0	176.5	35,300 *	38.7	181.5	37,100 *	42.8	188.1	40,400 *	46.5	192.8	44,000 *	49.9	196.0	44,800				140
150	22.3	145.8	29,100 *	28.7	160.5	31,500 *	32.0	167.1	33,100 *	36.8	175.9	35,800 *	41.0	182.2	38,900 *	44.7	186.6	40,800				150
160	6.1	104.7	20,900 *	19.1	137.4	28,200 *	23.7	147.8	29,600 *	29.7	160.3	32,000 *	34.7	169.1	34,500 *	38.9	175.2	37,300 *	42.6	179.2	36,100	160
170							10.1	113.8	26,100 *	20.5	138.5	28,600 *	27.1	152.0	30,800 *	32.3	161.0	33,200 *	36.6	166.9	33,200	170
180													16.6	126.5	27,600 *	24.0	141.9	29,700 *	29.5	151.3	30,600	180
190																10.9	109.1	26,500 *	20.2	129.1	28,200	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

80 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.4	243.9	94,100 *																			55
60	72.5	242.4	90,900 *																			60
65	70.6	240.7	87,700 *																			65
70	68.7	238.8	84,700 *																			70
75	66.8	236.7	79,800 *	69.5	238.9	86,800 *																75
80	64.8	234.4	72,900 *	67.6	236.9	83,200 *																80
85	62.8	231.9	66,900 *	65.6	234.7	75,800 *	67.3	235.9	82,000 *													85
90	60.8	229.1	61,700 *	63.7	232.3	69,400 *	65.4	233.7	74,800 *													90
95	58.7	226.2	57,200 *	61.6	229.7	63,900 *	63.4	231.2	68,500 *													95
100	56.5	222.9	53,100 *	59.6	226.8	59,100 *	61.3	228.5	63,200 *													100
105	54.4	219.4	49,500 *	57.5	223.7	54,800 *	59.3	225.6	58,400 *	62.1	228.0	65,200 *										105
110	52.1	215.6	46,300 *	55.3	220.3	51,100 *	57.1	222.5	54,300 *	60.1	225.1	60,300 *										110
115	49.8	211.5	43,400 *	53.1	216.6	47,700 *	55.0	219.0	50,500 *	58.0	222.1	55,900 *										115
120	47.4	207.0	40,800 *	50.8	212.6	44,600 *	52.7	215.3	47,200 *	55.8	218.8	52,000 *										120
130	42.3	196.8	36,100 *	46.0	203.6	39,400 *	48.1	206.9	41,500 *	51.4	211.3	45,400 *	54.4	214.2	49,800 *							130
140	36.6	184.4	32,100 *	40.7	192.8	34,900 *	43.0	196.9	36,700 *	46.6	202.4	40,000 *	49.9	206.3	43,500 *	52.9	208.8	44,300				140
150	29.9	168.9	28,700 *	34.8	179.7	31,100 *	37.4	184.9	32,600 *	41.4	191.9	35,400 *	45.0	197.0	38,400 *	48.2	200.5	40,300				150
160	21.5	147.7	25,700 *	27.8	162.9	27,800 *	30.9	169.9	29,200 *	35.6	179.1	31,500 *	39.6	185.8	34,100 *	43.2	190.6	36,800 *	46.4	193.6	35,600	160
170	5.9	105.2	18,300 *	18.5	139.0	24,900 *	22.9	149.8	26,100 *	28.7	162.9	28,200 *	33.5	172.1	30,400 *	37.6	178.6	32,800 *	41.2	183.0	32,700	170
180							9.8	114.6	23,100 *	19.9	140.2	25,300 *	26.2	154.4	27,200 *	31.2	163.8	29,300 *	35.4	170.1	30,100	180
190													16.1	127.8	24,400 *	23.2	143.9	26,200 *	28.5	153.8	27,800	190
200																10.6	110.0	23,400 *	19.5	130.9	25,100 *	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

80 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.3	254.3	87,400 *																			55
60	73.6	252.9	84,500 *																			60
65	71.8	251.3	81,600 *																			65
70	70.0	249.5	78,800 *																			70
75	68.2	247.5	76,200 *	70.8	249.6	80,600 *																75
80	66.4	245.4	73,100 *	69.0	247.7	78,000 *																80
85	64.5	243.1	67,300 *	67.2	245.7	75,000 *																85
90	62.6	240.5	62,000 *	65.3	243.4	69,800 *	66.9	244.6	74,400 *													90
95	60.7	237.8	57,400 *	63.4	241.0	64,200 *	65.0	242.4	69,000 *													95
100	58.7	234.8	53,300 *	61.5	238.3	59,300 *	63.2	239.9	63,500 *													100
105	56.7	231.6	49,600 *	59.6	235.4	55,000 *	61.2	237.2	58,700 *													105
110	54.7	228.1	46,400 *	57.6	232.3	51,200 *	59.3	234.3	54,400 *	62.0	236.6	60,500 *										110
115	52.6	224.4	43,400 *	55.6	229.0	47,700 *	57.3	231.1	50,700 *	60.1	233.8	56,100 *										115
120	50.4	220.4	40,700 *	53.5	225.4	44,600 *	55.3	227.8	47,300 *	58.1	230.8	52,100 *										120
130	45.9	211.3	36,000 *	49.2	217.2	39,300 *	51.0	220.1	41,400 *	54.0	223.9	45,400 *	56.8	226.4	49,800 *							130
140	40.9	200.5	32,000 *	44.5	207.7	34,800 *	46.5	211.2	36,600 *	49.7	215.9	39,900 *	52.7	219.2	43,500 *							140
150	35.4	187.6	28,600 *	39.4	196.4	31,000 *	41.6	200.8	32,500 *	45.1	206.6	35,300 *	48.3	210.9	38,300 *	51.2	213.7	40,000				150
160	29.0	171.5	25,600 *	33.7	182.7	27,700 *	36.2	188.2	29,000 *	40.1	195.6	31,400 *	43.5	201.0	34,000 *	46.7	204.8	36,600				160
170	20.9	149.5	23,000 *	26.9	165.3	24,800 *	30.0	172.6	26,000 *	34.4	182.2	28,100 *	38.4	189.3	30,300 *	41.8	194.4	32,600 *	45.0	197.8	32,400	170
180	5.7	105.7	16,200 *	17.9	140.5	22,300 *	22.2	151.8	23,300 *	27.8	165.4	25,200 *	32.5	175.0	27,100 *	36.4	181.9	29,100 *	39.9	186.7	29,800	180
190							9.5	115.4	20,700 *	19.2	141.9	22,600 *	25.4	156.6	24,300 *	30.2	166.5	26,100 *	34.3	173.2	27,600	190
200													15.6	129.2	21,800 *	22.5	145.9	23,400 *	27.6	156.2	25,000 *	200
210																10.2	110.9	20,900 *	18.9	132.5	22,400 *	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

80 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.5	263.3	79,400 *																			60
65	72.9	261.8	76,800 *																			65
70	71.2	260.1	74,300 *																			70
75	69.5	258.3	71,300 *																			75
80	67.8	256.3	68,200 *	70.2	258.4	73,100 *																80
85	66.0	254.1	65,200 *	68.5	256.5	70,000 *																85
90	64.3	251.8	61,500 *	66.8	254.4	67,000 *																90
95	62.5	249.2	56,900 *	65.0	252.1	63,700 *	66.5	253.4	66,400 *													95
100	60.7	246.5	52,700 *	63.3	249.6	58,800 *	64.8	251.0	62,900 *													100
105	58.8	243.5	49,100 *	61.5	247.0	54,500 *	63.0	248.5	58,100 *													105
110	56.9	240.3	45,800 *	59.6	244.1	50,600 *	61.2	245.9	53,900 *													110
115	55.0	236.9	42,900 *	57.7	241.0	47,200 *	59.3	242.9	50,100 *	61.9	245.3	55,500 *										115
120	53.0	233.2	40,200 *	55.8	237.7	44,100 *	57.5	239.8	46,700 *	60.1	242.5	51,600 *										120
130	48.9	225.0	35,500 *	51.9	230.3	38,800 *	53.6	232.9	41,000 *	56.3	236.2	44,900 *										130
140	44.5	215.4	31,500 *	47.7	221.7	34,300 *	49.5	224.8	36,100 *	52.4	228.9	39,400 *	55.1	231.7	43,000 *							140
150	39.7	204.2	28,100 *	43.2	211.7	30,500 *	45.1	215.4	32,100 *	48.2	220.4	34,800 *	51.1	224.0	37,900 *							150
160	34.4	190.7	25,200 *	38.3	199.9	27,200 *	40.4	204.5	28,600 *	43.7	210.6	31,000 *	46.8	215.2	33,500 *	49.6	218.3	36,100				160
170	28.2	174.0	22,600 *	32.7	185.7	24,400 *	35.2	191.4	25,600 *	38.9	199.1	27,600 *	42.2	204.9	29,800 *	45.3	209.0	32,200 *				170
180	20.3	151.3	20,200 *	26.1	167.6	21,900 *	29.1	175.2	22,900 *	33.4	185.2	24,700 *	37.2	192.7	26,600 *	40.6	198.1	28,700 *	43.6	201.8	29,400	180
190	5.5	106.1	14,100 *	17.4	142.1	19,600 *	21.5	153.7	20,500 *	27.0	167.8	22,200 *	31.5	177.8	23,900 *	35.4	185.1	25,600 *	38.7	190.2	27,100	190
200							9.2	116.2	18,200 *	18.7	143.6	19,900 *	24.7	158.8	21,400 *	29.3	169.1	23,000 *	33.3	176.2	24,600 *	200
210													15.1	130.5	19,200 *	21.9	147.8	20,600 *	26.8	158.6	22,100 *	210
220																9.9	111.7	18,400 *	18.4	134.1	19,800 *	220



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

80 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.4	273.7	74,900 *																			60
65	73.8	272.2	72,300 *																			65
70	72.2	270.7	69,600 *																			70
75	70.6	269.0	66,800 *																			75
80	69.0	267.1	63,900 *																			80
85	67.4	265.0	61,200 *	69.7	267.2	65,500 *																85
90	65.7	262.8	58,300 *	68.1	265.3	62,700 *																90
95	64.1	260.4	55,600 *	66.4	263.1	60,000 *	67.8	264.2	62,100 *													95
100	62.4	257.9	52,300 *	64.8	260.8	57,200 *	66.2	262.1	59,400 *													100
105	60.6	255.1	48,600 *	63.1	258.3	54,000 *	64.5	259.7	56,800 *													105
110	58.9	252.2	45,300 *	61.4	255.6	50,100 *	62.8	257.2	53,400 *													110
115	57.1	249.0	42,400 *	59.6	252.8	46,700 *	61.1	254.5	49,600 *													115
120	55.3	245.6	39,700 *	57.9	249.7	43,600 *	59.4	251.6	46,200 *	61.8	253.9	51,100 *										120
130	51.5	238.0	35,000 *	54.2	242.9	38,300 *	55.8	245.2	40,500 *	58.3	248.1	44,400 *										130
140	47.5	229.4	31,100 *	50.4	235.0	33,800 *	52.0	237.8	35,700 *	54.7	241.4	38,900 *	57.2	243.8	42,600 *							140
150	43.2	219.4	27,700 *	46.3	226.0	30,000 *	48.1	229.3	31,600 *	50.9	233.7	34,400 *	53.5	236.8	37,400 *							150
160	38.6	207.7	24,700 *	42.0	215.6	26,800 *	43.9	219.5	28,100 *	46.8	224.8	30,500 *	49.6	228.7	33,000 *	52.2	231.3	35,700				160
170	33.4	193.7	22,100 *	37.2	203.3	23,900 *	39.3	208.0	25,100 *	42.5	214.6	27,200 *	45.5	219.4	29,400 *	48.2	222.8	31,700 *				170
180	27.4	176.4	19,800 *	31.8	188.5	21,500 *	34.2	194.5	22,500 *	37.8	202.5	24,300 *	41.1	208.7	26,200 *	44.0	213.1	28,200 *	46.7	216.0	28,900	180
190	19.7	153.0	17,800 *	25.4	169.9	19,200 *	28.3	177.7	20,100 *	32.5	188.1	21,700 *	36.2	196.0	23,400 *	39.5	201.7	25,200 *	42.4	205.7	26,700	190
200	5.3	106.5	12,100 *	16.9	143.5	17,200 *	20.9	155.5	18,000 *	26.3	170.1	19,500 *	30.6	180.6	21,000 *	34.4	188.2	22,500 *	37.7	193.6	24,100 *	200
210							8.9	116.9	16,000 *	18.2	145.1	17,400 *	24.0	160.9	18,800 *	28.5	171.6	20,200 *	32.3	179.1	21,600 *	210
220													14.7	131.8	16,800 *	21.3	149.7	18,100 *	26.1	160.9	19,400 *	220
230																9.6	112.5	16,100 *	17.9	135.7	17,300 *	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

80 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.6	282.7	67,000 *																			65
70	73.1	281.2	64,800 *																			70
75	71.6	279.5	62,100 *																			75
80	70.1	277.8	59,400 *																			80
85	68.6	275.8	56,700 *	70.8	277.9	60,700 *																85
90	67.0	273.8	54,000 *	69.2	276.0	58,100 *																90
95	65.4	271.5	51,400 *	67.7	274.0	55,400 *																95
100	63.9	269.1	48,800 *	66.1	271.8	52,800 *	67.4	273.0	54,900 *													100
105	62.2	266.5	46,300 *	64.5	269.5	50,200 *	65.9	270.8	52,400 *													105
110	60.6	263.8	44,000 *	62.9	267.0	47,700 *	64.3	268.4	49,800 *													110
115	58.9	260.8	41,700 *	61.3	264.3	45,300 *	62.7	265.9	47,400 *													115
120	57.2	257.7	39,100 *	59.7	261.4	43,100 *	61.1	263.2	45,000 *													120
130	53.8	250.7	34,500 *	56.3	255.1	37,700 *	57.7	257.2	39,900 *	60.1	259.8	43,500 *										130
140	50.1	242.7	30,500 *	52.7	247.8	33,300 *	54.2	250.3	35,100 *	56.7	253.5	38,400 *										140
150	46.2	233.7	27,200 *	49.0	239.6	29,600 *	50.6	242.5	31,100 *	53.2	246.4	33,800 *	55.6	249.1	36,900 *							150
160	42.1	223.2	24,200 *	45.1	230.2	26,300 *	46.8	233.6	27,600 *	49.5	238.3	30,000 *	52.0	241.7	32,600 *							160
170	37.6	211.1	21,700 *	40.8	219.3	23,500 *	42.7	223.4	24,600 *	45.6	229.0	26,700 *	48.3	233.2	28,900 *	50.8	236.1	31,200 *				170
180	32.5	196.6	19,400 *	36.2	206.6	21,000 *	38.2	211.5	22,000 *	41.4	218.3	23,800 *	44.3	223.5	25,700 *	46.9	227.2	27,700 *				180
190	26.7	178.8	17,300 *	31.0	191.3	18,800 *	33.3	197.4	19,700 *	36.8	205.9	21,300 *	40.0	212.3	22,900 *	42.8	217.0	24,700 *	45.5	220.2	26,200	190
200	19.2	154.7	15,500 *	24.8	172.1	16,800 *	27.6	180.2	17,600 *	31.7	191.0	19,000 *	35.2	199.2	20,500 *	38.4	205.2	22,100 *	41.2	209.5	23,700 *	200
210	5.2	107.0	10,300 *	16.5	145.0	15,000 *	20.4	157.3	15,700 *	25.6	172.4	17,000 *	29.8	183.3	18,400 *	33.5	191.2	19,700 *	36.7	196.9	21,200 *	210
220							8.7	117.7	13,900 *	17.7	146.7	15,200 *	23.4	163.0	16,400 *	27.8	174.1	17,700 *	31.5	181.9	18,900 *	220
230													14.3	133.0	14,600 *	20.7	151.5	15,800 *	25.4	163.2	16,900 *	230
240																9.4	113.3	14,000 *	17.4	137.2	15,100 *	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	68.4	164.8	175,400 *b																			38
40	66.6	163.9	168,500 *b																			40
45	62.1	161.4	152,900 *b	69.3	164.4	177,800 *b																45
50	57.3	158.3	135,100 *b	64.8	162.2	161,000 *b																50
55	52.2	154.7	118,400 *	60.2	159.5	146,800 *b	64.6	161.3	159,700 *b													55
60	46.7	150.2	105,000 *	55.3	156.2	128,100 *b	60.0	158.6	145,900 *b													60
65	40.7	144.8	94,200 *	50.1	152.2	112,800 *	55.0	155.3	127,400 *	62.6	158.3	130,900 b										65
70	33.7	137.9	85,300 *	44.4	147.4	100,500 *	49.8	151.3	112,200 *	57.9	155.3	119,200 b										70
75	25.1	128.7	77,700 *	38.0	141.5	90,500 *	44.1	146.4	100,000 *	52.8	151.8	109,300										75
80	11.1	112.3	70,000 *	30.6	133.9	82,200 *	37.7	140.4	90,100 *	47.4	147.4	100,800	55.5	151.2	97,800							80
85				20.7	122.9	75,100 *	30.2	132.7	81,800 *	41.4	142.1	93,400	50.3	147.3	90,700							85
90							20.1	121.5	74,800 *	34.6	135.5	86,400 *	44.7	142.5	84,500	52.8	146.1	81,900				90
95										26.3	126.6	78,700 *	38.4	136.7	78,900	47.4	141.7	76,600				95
100										13.6	112.0	72,100 *	31.0	129.1	74,000	41.5	136.4	71,900				100
105													21.3	118.4	69,600	34.7	129.8	67,600	44.0	135.0	65,600	105
110																26.3	120.9	63,700	37.6	129.0	61,900	110
115																13.7	106.4	60,200	30.1	121.2	58,500	115
120																			20.0	110.0	55,400	120



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	71.2	175.5	171,400 *b																			38
40	69.7	174.7	164,700 *b																			40
45	65.8	172.6	149,800 *b																			45
50	61.8	170.0	136,200 *b	68.2	173.2	157,800 *b																50
55	57.6	167.0	119,100 *	64.2	170.9	144,200 *b	68.0	172.3	156,600 *b													55
60	53.2	163.4	105,600 *	60.2	168.2	128,900 *	64.1	170.0	143,200 *b													60
65	48.5	159.2	94,700 *	55.9	164.9	113,400 *	60.0	167.2	128,200 *													65
70	43.5	154.3	85,700 *	51.4	161.1	101,100 *	55.7	164.0	112,800 *	62.3	167.0	118,700 b										70
75	37.9	148.2	78,100 *	46.6	156.6	90,900 *	51.2	160.1	100,600 *	58.1	164.0	108,800										75
80	31.4	140.7	71,600 *	41.3	151.3	82,500 *	46.3	155.6	90,500 *	53.8	160.5	100,400										80
85	23.4	130.7	66,000 *	35.4	144.7	75,400 *	41.1	150.2	82,200 *	49.1	156.4	93,000	56.1	159.9	90,200							85
90	10.3	113.1	60,300 *	28.5	136.4	69,300 *	35.1	143.6	75,100 *	44.1	151.5	86,600	51.6	156.1	84,000							90
95				19.3	124.6	64,000 *	28.1	135.2	69,100 *	38.6	145.7	79,000 *	46.8	151.7	78,500							95
100							18.8	123.1	63,800 *	32.3	138.4	72,400 *	41.6	146.4	73,700	49.1	150.7	71,400				100
105										24.5	128.8	66,700 *	35.7	139.9	69,300	44.1	145.8	67,200				105
110										12.7	113.0	61,700 *	28.8	131.7	65,300	38.6	140.0	63,300	46.3	144.2	61,400	110
115													19.8	120.2	61,700	32.3	132.7	59,900	41.0	138.7	58,000	115
120																24.5	123.1	56,700	35.1	132.1	55,000	120
130																			18.6	111.6	49,600	130



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
36	74.7	186.6	172,600 *b																			36
38	73.4	186.0	167,300 *b																			38
40	72.1	185.4	160,900 *b																			40
45	68.7	183.5	146,700 *b																			45
50	65.2	181.3	134,400 *	70.7	183.9	154,500 *b																50
55	61.6	178.7	119,600 *	67.3	181.9	141,500 *b																55
60	57.9	175.7	106,000 *	63.8	179.6	129,500 *	67.1	181.0	140,700 *b													60
65	54.0	172.2	95,000 *	60.1	176.8	113,900 *	63.6	178.7	128,700 *													65
70	49.9	168.2	85,900 *	56.4	173.6	101,400 *	60.0	175.9	113,300 *													70
75	45.5	163.5	78,300 *	52.4	169.9	91,200 *	56.2	172.7	100,900 *	62.0	175.7	108,400										75
80	40.8	158.0	71,800 *	48.2	165.7	82,800 *	52.2	169.0	90,800 *	58.3	172.7	100,000										80
85	35.6	151.5	66,100 *	43.7	160.7	75,600 *	48.0	164.7	82,400 *	54.5	169.3	92,700										85
90	29.5	143.4	61,200 *	38.8	154.8	69,500 *	43.5	159.6	75,300 *	50.4	165.3	86,300	56.5	168.6	83,600							90
95	22.0	132.6	56,900 *	33.3	147.7	64,100 *	38.6	153.7	69,200 *	46.1	160.7	79,200 *	52.6	164.9	78,100							95
100	9.6	113.9	52,400 *	26.8	138.8	59,500 *	33.0	146.6	63,900 *	41.4	155.3	72,600 *	48.4	160.7	73,300							100
105				18.1	126.2	55,300 *	26.4	137.5	59,300 *	36.3	149.0	66,900 *	43.9	155.8	68,900	50.4	159.6	66,700				105
110							17.6	124.6	55,200 *	30.3	141.1	61,900 *	39.1	149.9	65,000	46.1	155.0	63,000				110
115										23.0	130.8	57,500 *	33.6	142.9	61,500	41.5	149.7	59,500	48.0	153.2	57,600	115
120										11.9	114.0	53,600 *	27.1	134.1	58,200	36.3	143.3	56,400	43.5	148.2	54,600	120
130																23.1	125.1	50,900	33.0	135.1	49,300	130
140																17.5	113.1	44,700	17.5	113.1	44,700	140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	75.1	196.5	156,700 *b																			38
40	73.9	195.9	153,300 *b																			40
45	70.9	194.2	143,400 *b																			45
50	67.8	192.3	131,800 *																			50
55	64.7	190.0	119,700 *	69.7	192.7	138,600 *b																55
60	61.4	187.4	106,100 *	66.6	190.7	127,700 *																60
65	58.1	184.4	95,000 *	63.4	188.2	114,000 *	66.4	189.8	127,200 *													65
70	54.6	180.9	85,900 *	60.1	185.5	101,500 *	63.2	187.3	113,400 *													70
75	51.0	177.0	78,200 *	56.7	182.3	91,200 *	60.0	184.5	101,000 *													75
80	47.2	172.6	71,600 *	53.2	178.7	82,700 *	56.6	181.4	90,800 *	61.8	184.3	99,500										80
85	43.1	167.5	66,000 *	49.5	174.6	75,500 *	53.0	177.7	82,400 *	58.5	181.4	92,200										85
90	38.6	161.5	61,100 *	45.6	169.9	69,300 *	49.3	173.6	75,200 *	55.1	178.0	85,800										90
95	33.7	154.5	56,700 *	41.3	164.5	64,000 *	45.4	168.9	69,100 *	51.4	174.2	79,200 *	56.9	177.3	77,600							95
100	27.9	145.9	52,900 *	36.7	158.2	59,300 *	41.1	163.4	63,800 *	47.6	169.8	72,500 *	53.4	173.7	72,800							100
105	20.8	134.4	49,400 *	31.5	150.6	55,200 *	36.5	157.0	59,100 *	43.6	164.8	66,700 *	49.7	169.6	68,500							105
110	9.1	114.7	45,800 *	25.3	141.0	51,500 *	31.2	149.4	55,000 *	39.2	158.9	61,700 *	45.8	165.0	64,600	51.5	168.5	62,400				110
115				17.2	127.7	48,200 *	25.0	139.7	51,400 *	34.3	152.1	57,300 *	41.5	159.6	61,100	47.7	164.1	59,000				115
120							16.7	126.1	48,100 *	28.7	143.7	53,400 *	36.9	153.3	57,800	43.6	159.1	55,900				120
130										11.2	115.0	46,800 *	25.7	136.4	51,800 *	34.3	146.4	50,500	41.1	152.0	48,800	130
140																21.8	127.0	45,800	31.2	137.9	44,300	140
150																			16.6	114.5	40,400	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.4	206.3	145,000 *b																			40
45	72.7	204.8	138,500 *b																			45
50	69.9	203.0	128,600 *																			50
55	67.1	201.0	119,000 *																			55
60	64.3	198.7	109,200 *	68.8	201.5	125,000 *																60
65	61.3	196.0	97,700 *	66.0	199.4	115,900 *																65
70	58.3	193.0	88,200 *	63.1	196.9	104,400 *	65.9	198.5	115,600 *													70
75	55.1	189.7	80,300 *	60.1	194.1	93,800 *	63.0	196.0	103,900 *													75
80	51.9	185.9	73,500 *	57.0	191.0	85,000 *	60.0	193.2	93,400 *													80
85	48.4	181.6	67,700 *	53.8	187.5	77,500 *	56.9	190.1	84,600 *	61.7	193.0	91,700										85
90	44.8	176.8	62,600 *	50.5	183.5	71,200 *	53.7	186.5	77,200 *	58.6	190.0	85,400										90
95	40.9	171.2	58,200 *	47.0	179.0	65,600 *	50.4	182.5	70,900 *	55.5	186.7	79,800										95
100	36.7	164.9	54,200 *	43.3	173.9	60,800 *	46.9	178.0	65,400 *	52.3	183.0	74,400 *	57.2	186.0	72,300							100
105	32.0	157.4	50,700 *	39.3	168.1	56,600 *	43.1	172.9	60,600 *	48.9	178.8	68,500 *	54.0	182.5	68,000							105
110	26.6	148.2	47,500 *	34.9	161.3	52,800 *	39.1	167.0	56,400 *	45.3	174.0	63,300 *	50.7	178.5	64,100							110
115	19.8	136.2	44,600 *	30.0	153.2	49,400 *	34.7	160.2	52,700 *	41.4	168.6	58,800 *	47.2	174.1	60,600	52.3	177.3	58,500				115
120	8.6	115.4	38,500 *	24.1	143.2	46,400 *	29.7	152.0	49,300 *	37.3	162.3	54,800 *	43.5	169.0	57,400	48.9	173.1	55,400				120
130							15.9	127.4	43,500 *	27.3	146.1	48,000 *	35.1	156.5	51,800	41.4	162.9	50,000	46.8	166.6	48,300	130
140										10.7	115.9	42,400 *	24.4	138.5	46,600 *	32.7	149.3	45,400	39.1	155.5	43,900	140
150																20.8	128.9	41,400	29.7	140.6	40,000	150
160																			15.8	115.8	36,600	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.2	215.3	129,400 *b																			45
50	71.7	213.7	124,000 *																			50
55	69.1	211.8	116,500 *																			55
60	66.5	209.7	108,400 *	70.7	212.2	122,200 *																60
65	63.9	207.3	97,400 *	68.1	210.3	113,700 *																65
70	61.2	204.7	87,900 *	65.5	208.1	104,100 *	68.0	209.4	113,400 *													70
75	58.4	201.7	80,000 *	62.8	205.6	93,500 *	65.4	207.2	103,600 *													75
80	55.5	198.4	73,200 *	60.1	202.8	84,600 *	62.7	204.7	93,000 *													80
85	52.6	194.7	67,300 *	57.3	199.7	77,200 *	60.0	201.9	84,300 *													85
90	49.5	190.5	62,200 *	54.4	196.2	70,800 *	57.2	198.7	76,900 *	61.5	201.6	84,900										90
95	46.2	185.9	57,800 *	51.4	192.3	65,300 *	54.2	195.2	70,500 *	58.8	198.7	79,300										95
100	42.8	180.7	53,800 *	48.2	188.0	60,400 *	51.2	191.4	65,000 *	55.9	195.4	74,000 *										100
105	39.1	174.8	50,300 *	44.9	183.2	56,200 *	48.1	187.0	60,200 *	52.9	191.8	68,100 *	57.4	194.7	67,500							105
110	35.1	168.1	47,100 *	41.4	177.7	52,400 *	44.7	182.1	56,000 *	49.9	187.7	62,900 *	54.5	191.2	63,600							110
115	30.6	160.1	44,200 *	37.5	171.5	49,000 *	41.2	176.7	52,200 *	46.6	183.1	58,400 *	51.5	187.4	60,100							115
120	25.4	150.5	41,600 *	33.4	164.3	46,000 *	37.4	170.4	48,900 *	43.2	178.0	54,400 *	48.4	183.1	56,900	53.0	186.1	54,900				120
130	8.2	116.1	34,100 *	23.0	145.2	40,700 *	28.4	154.6	43,100 *	35.6	165.6	47,600 *	41.5	172.8	51,400	46.7	177.4	49,500				130
140							15.1	128.7	38,300 *	26.1	148.4	42,000 *	33.6	159.5	46,200 *	39.6	166.5	45,000	44.7	170.7	43,300	140
150										10.2	116.7	37,400 *	23.3	140.6	40,900 *	31.2	152.1	41,000	37.3	158.9	39,500	150
160																19.9	130.6	37,600	28.4	143.1	36,200	160
170																			15.0	117.1	33,200	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.4	225.6	120,000 *																			45
50	73.1	224.2	115,300 *																			50
55	70.8	222.5	110,600 *																			55
60	68.5	220.6	105,800 *																			60
65	66.1	218.4	98,200 *	69.9	221.0	110,200 *																65
70	63.6	216.0	88,500 *	67.5	219.0	103,700 *																70
75	61.1	213.3	80,400 *	65.1	216.8	94,200 *	67.4	218.1	103,400 *	65.1	216.8	94,200 *										75
80	58.5	210.4	73,600 *	62.6	214.2	85,200 *	65.0	215.9	93,800 *													80
85	55.9	207.1	67,600 *	60.1	211.5	77,600 *	62.5	213.3	84,800 *													85
90	53.2	203.4	62,500 *	57.5	208.4	71,100 *	60.0	210.5	77,300 *													90
95	50.3	199.4	57,900 *	54.8	204.9	65,500 *	57.4	207.4	70,900 *	61.4	210.3	79,000										95
100	47.4	195.0	53,900 *	52.1	201.1	60,600 *	54.7	204.0	65,300 *	58.9	207.4	74,100										100
105	44.3	190.0	50,400 *	49.2	197.0	56,300 *	51.9	200.2	60,500 *	56.2	204.1	68,400 *										105
110	41.0	184.5	47,200 *	46.2	192.3	52,500 *	49.1	196.0	56,200 *	53.5	200.5	63,200 *	57.6	203.3	63,300							110
115	37.5	178.2	44,300 *	43.0	187.1	49,100 *	46.0	191.3	52,400 *	50.7	196.5	58,600 *	55.0	199.9	59,900							115
120	33.6	171.1	41,700 *	39.6	181.3	46,000 *	42.9	186.1	49,000 *	47.8	192.2	54,500 *	52.2	196.2	56,700							120
130	24.4	152.6	37,100 *	32.0	167.2	40,700 *	35.8	173.7	43,100 *	41.4	181.8	47,600 *	46.3	187.4	51,100	50.7	190.9	49,300				130
140	7.9	116.7	30,500 *	22.1	147.1	36,300 *	27.2	157.0	38,300 *	34.1	168.6	42,000 *	39.8	176.5	46,200 *	44.7	181.6	44,700				140
150							14.5	130.0	34,200 *	25.0	150.6	37,400 *	32.2	162.4	40,900 *	38.0	170.0	40,800	42.8	174.7	39,300	150
160										9.8	117.5	33,400 *	22.4	142.5	36,400 *	29.9	154.8	37,400	35.8	162.2	36,000	160
170																19.0	132.2	34,400	27.2	145.5	33,100	170
180																14.4	118.4	30,500				180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.4	234.6	108,100 *																			50
55	72.2	233.1	104,000 *																			55
60	70.1	231.3	100,000 *																			60
65	67.9	229.3	96,200 *																			65
70	65.6	227.1	88,100 *	69.2	229.8	99,700 *																70
75	63.4	224.7	80,000 *	67.0	227.8	93,800 *																75
80	61.0	222.0	73,100 *	64.7	225.5	84,800 *	66.9	226.9	93,400 *													80
85	58.6	219.0	67,200 *	62.4	222.9	77,200 *	64.6	224.6	84,400 *													85
90	56.2	215.8	62,000 *	60.1	220.1	70,700 *	62.3	222.0	76,900 *													90
95	53.7	212.2	57,500 *	57.7	217.0	65,100 *	60.0	219.2	70,400 *													95
100	51.1	208.3	53,500 *	55.2	213.6	60,200 *	57.6	216.1	64,900 *	61.3	219.0	73,600 *										100
105	48.4	204.0	49,900 *	52.7	209.9	55,900 *	55.1	212.7	60,000 *	58.9	216.0	68,000 *										105
110	45.6	199.2	46,700 *	50.0	205.9	52,100 *	52.5	209.0	55,700 *	56.5	212.8	62,700 *										110
115	42.6	193.9	43,800 *	47.3	201.4	48,600 *	49.9	204.9	51,900 *	54.0	209.3	58,100 *	57.8	212.0	59,400 *							115
120	39.4	188.1	41,200 *	44.4	196.4	45,600 *	47.1	200.4	48,500 *	51.4	205.4	54,000 *	55.3	208.6	56,200 *							120
130	32.4	174.0	36,600 *	38.1	184.8	40,200 *	41.2	189.9	42,700 *	45.9	196.4	47,200 *	50.2	200.9	50,700 *							130
140	23.5	154.7	32,700 *	30.8	169.9	35,800 *	34.5	176.8	37,800 *	39.8	185.5	41,600 *	44.5	191.5	45,800 *	48.7	195.4	44,200 *				140
150	7.6	117.3	27,000 *	21.3	149.0	32,100 *	26.2	159.3	33,800 *	32.8	171.6	36,900 *	38.3	180.0	40,400 *	43.0	185.5	40,300 *	47.1	188.9	38,800 *	150
160							14.0	131.2	30,300 *	24.1	152.7	33,000 *	31.0	165.2	36,000 *	36.5	173.3	37,000 *	41.2	178.4	35,500 *	160
170										9.4	118.3	29,600 *	21.5	144.4	32,200 *	28.8	157.4	34,000 *	34.4	165.3	32,700 *	170
180																18.3	133.8	31,300 *	26.2	147.8	30,100 *	180
190																13.9	119.6	27,800 *	13.9	119.6	27,800 *	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.4	245.0	103,300 *																			50
55	73.5	243.6	99,700 *																			55
60	71.4	241.9	96,300 *																			60
65	69.4	240.1	93,000 *																			65
70	67.4	238.1	89,100 *	70.6	240.5	95,800 *																70
75	65.3	235.8	80,800 *	68.6	238.6	92,700 *																75
80	63.1	233.4	73,800 *	66.5	236.5	85,700 *																80
85	61.0	230.7	67,800 *	64.4	234.1	78,000 *	66.4	235.6	85,300 *													85
90	58.7	227.7	62,600 *	62.3	231.6	71,400 *	64.3	233.2	77,700 *													90
95	56.5	224.5	58,000 *	60.1	228.8	65,700 *	62.2	230.7	71,100 *													95
100	54.1	220.9	53,900 *	57.8	225.7	60,700 *	60.0	227.9	65,500 *													100
105	51.7	217.1	50,300 *	55.5	222.4	56,400 *	57.7	224.8	60,500 *	61.2	227.6	68,600 *										105
110	49.2	212.9	47,100 *	53.2	218.7	52,500 *	55.4	221.4	56,200 *	59.0	224.7	63,300 *										110
115	46.6	208.3	44,100 *	50.7	214.7	49,000 *	53.1	217.7	52,300 *	56.7	221.5	58,600 *										115
120	43.9	203.3	41,500 *	48.2	210.4	45,900 *	50.6	213.7	48,900 *	54.4	218.0	54,500 *	57.9	220.7	55,700							120
130	38.0	191.5	36,800 *	42.8	200.4	40,500 *	45.4	204.6	43,000 *	49.5	210.0	47,500 *	53.3	213.7	50,200							130
140	31.2	176.8	32,900 *	36.8	188.2	36,000 *	39.7	193.5	38,100 *	44.3	200.5	41,800 *	48.3	205.4	45,500	52.0	208.5	43,800				140
150	22.6	156.7	29,400 *	29.7	172.6	32,200 *	33.2	179.8	34,000 *	38.4	189.0	37,200 *	42.9	195.5	40,700 *	47.0	199.8	39,900				150
160	7.3	117.9	22,700 *	20.5	150.8	28,800 *	25.3	161.5	30,400 *	31.7	174.4	33,200 *	36.9	183.3	36,200 *	41.4	189.4	36,500	45.4	193.1	35,000	160
170							13.5	132.3	27,100 *	23.2	154.8	29,700 *	29.9	167.9	32,300 *	35.2	176.5	33,600	39.7	182.1	32,200	170
180										9.0	119.1	26,500 *	20.8	146.3	28,900 *	27.8	159.8	30,900	33.2	168.3	29,700	180
190																17.7	135.4	28,000 *	25.2	150.0	27,400	190
200																			13.4	120.7	25,300	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.5	254.0	93,600 *																			55
60	72.6	252.5	90,500 *																			60
65	70.8	250.8	87,400 *																			65
70	68.8	248.9	84,500 *																			70
75	66.9	246.8	80,300 *	70.0	249.3	87,000 *																75
80	64.9	244.5	73,300 *	68.1	247.4	84,300 *																80
85	62.9	242.0	67,300 *	66.1	245.2	77,500 *	68.0	246.5	83,800 *													85
90	60.9	239.3	62,100 *	64.1	242.8	70,900 *	66.0	244.3	77,100 *													90
95	58.8	236.4	57,500 *	62.1	240.2	65,200 *	64.1	241.9	70,600 *													95
100	56.7	233.2	53,400 *	60.1	237.4	60,200 *	62.0	239.3	65,000 *													100
105	54.5	229.7	49,800 *	58.0	234.4	55,800 *	60.0	236.5	60,000 *													105
110	52.3	225.9	46,500 *	55.8	231.1	52,000 *	57.9	233.4	55,700 *	61.1	236.3	62,800 *										110
115	49.9	221.8	43,600 *	53.6	227.5	48,500 *	55.7	230.1	51,800 *	59.1	233.4	58,100 *										115
120	47.5	217.3	40,900 *	51.4	223.6	45,400 *	53.5	226.5	48,300 *	57.0	230.2	54,000 *										120
130	42.4	207.2	36,300 *	46.6	214.7	40,000 *	48.9	218.3	42,400 *	52.5	223.0	47,000 *	55.9	226.1	49,700							130
140	36.8	194.9	32,400 *	41.4	204.2	35,500 *	43.9	208.7	37,600 *	47.8	214.5	41,300 *	51.5	218.6	45,000							140
150	30.2	179.5	29,100 *	35.5	191.4	31,700 *	38.4	197.0	33,500 *	42.8	204.5	36,600 *	46.7	209.8	40,200 *	50.2	213.2	39,400				150
160	21.9	158.6	26,000 *	28.7	175.2	28,400 *	32.1	182.6	30,000 *	37.1	192.3	32,700 *	41.5	199.3	35,700 *	45.4	204.0	36,000				160
170	7.1	118.5	20,000 *	19.8	152.5	25,500 *	24.5	163.7	26,800 *	30.6	177.2	29,300 *	35.7	186.5	31,800 *	40.1	193.0	33,100	43.9	197.2	31,700	170
180							13.0	133.5	24,000 *	22.5	156.7	26,200 *	28.9	170.4	28,500 *	34.0	179.5	30,500	38.4	185.6	29,200	180
190										8.7	119.8	23,400 *	20.1	148.0	25,500 *	26.9	162.2	27,700 *	32.1	171.2	26,900	190
200																17.1	136.9	24,800 *	24.4	152.2	24,900	200
210																			12.9	121.8	23,000	210



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

90 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.5	264.4	86,800 *																			55
60	73.7	263.0	84,000 *																			60
65	71.9	261.4	81,300 *																			65
70	70.1	259.6	78,600 *																			70
75	68.3	257.7	76,000 *																			75
80	66.5	255.5	73,100 *	69.4	258.1	78,300 *																80
85	64.7	253.2	67,700 *	67.6	256.1	75,500 *																85
90	62.8	250.7	62,400 *	65.8	253.9	71,300 *	67.5	255.2	75,100 *													90
95	60.8	248.0	57,700 *	63.9	251.5	65,500 *	65.7	253.0	71,100 *													95
100	58.9	245.0	53,600 *	62.0	248.9	60,500 *	63.8	250.6	65,300 *													100
105	56.9	241.8	49,900 *	60.1	246.1	56,000 *	61.9	248.0	60,300 *													105
110	54.8	238.4	46,600 *	58.1	243.0	52,100 *	60.0	245.2	55,800 *	63.0	247.6	63,100 *										110
115	52.7	234.7	43,600 *	56.1	239.8	48,600 *	58.0	242.1	51,900 *	61.1	244.9	58,300 *										115
120	50.6	230.7	40,900 *	54.0	236.2	45,400 *	56.0	238.8	48,400 *	59.1	242.0	54,100 *										120
130	46.0	221.6	36,200 *	49.7	228.2	39,900 *	51.8	231.4	42,400 *	55.1	235.4	47,000 *										130
140	41.1	210.9	32,300 *	45.1	218.9	35,400 *	47.3	222.7	37,500 *	50.8	227.8	41,300 *	54.1	231.2	44,700							140
150	35.6	198.1	28,900 *	40.1	207.8	31,600 *	42.5	212.6	33,300 *	46.3	218.8	36,500 *	49.8	223.3	40,100 *	53.0	226.1	39,100				150
160	29.3	182.1	25,900 *	34.4	194.5	28,300 *	37.2	200.4	29,800 *	41.4	208.3	32,500 *	45.2	214.0	35,600 *	48.6	217.8	35,700				160
170	21.2	160.5	23,200 *	27.8	177.6	25,400 *	31.1	185.4	26,700 *	36.0	195.6	29,100 *	40.2	203.0	31,700 *	43.9	208.1	32,800	47.3	211.3	31,400	170
180	6.8	119.1	17,800 *	19.2	154.2	22,800 *	23.7	165.8	24,000 *	29.7	179.8	26,100 *	34.6	189.7	28,400 *	38.8	196.6	30,200	42.5	201.1	28,900	180
190							12.6	134.5	21,500 *	21.8	158.7	23,400 *	28.0	172.9	25,400 *	33.0	182.5	27,600 *	37.2	188.9	26,700	190
200										8.5	120.5	20,900 *	19.5	149.7	22,800 *	26.0	164.5	24,700 *	31.1	174.0	24,700	200
210																16.6	138.3	22,200 *	23.7	154.3	22,900	210
220																			12.5	122.9	21,200	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.6	273.4	79,000 *																			60
65	73.0	271.9	76,500 *																			65
70	71.3	270.2	74,000 *																			70
75	69.6	268.4	71,300 *																			75
80	67.9	266.4	68,200 *	70.6	268.8	73,500 *																80
85	66.2	264.3	65,300 *	68.9	266.9	70,400 *																85
90	64.4	261.9	61,800 *	67.2	264.8	67,500 *																90
95	62.6	259.4	57,200 *	65.5	262.6	64,700 *	67.1	264.0	67,200 *													95
100	60.8	256.6	53,000 *	63.7	260.2	59,900 *	65.4	261.7	64,500 *													100
105	59.0	253.7	49,300 *	61.9	257.6	55,500 *	63.6	259.3	59,700 *													105
110	57.1	250.5	46,000 *	60.1	254.8	51,500 *	61.8	256.7	55,300 *													110
115	55.1	247.1	43,100 *	58.2	251.7	48,000 *	60.0	253.8	51,400 *	62.8	256.3	57,800 *										115
120	53.2	243.4	40,400 *	56.3	248.4	44,900 *	58.1	250.8	47,900 *	61.0	253.6	53,600 *										120
130	49.0	235.3	35,700 *	52.4	241.2	39,400 *	54.3	244.0	41,900 *	57.3	247.5	46,500 *										130
140	44.7	225.7	31,700 *	48.2	232.7	34,900 *	50.2	236.1	36,900 *	53.4	240.5	40,800 *	56.4	243.4	44,300							140
150	39.9	214.6	28,400 *	43.7	222.9	31,000 *	45.9	227.0	32,800 *	49.3	232.4	36,000 *	52.5	236.2	39,600 *							150
160	34.6	201.2	25,400 *	38.9	211.4	27,800 *	41.3	216.3	29,300 *	44.9	223.0	32,000 *	48.3	227.8	35,000 *	51.4	230.9	35,200				160
170	28.4	184.6	22,800 *	33.4	197.5	24,900 *	36.1	203.7	26,200 *	40.2	211.9	28,600 *	43.9	218.0	31,200 *	47.2	222.2	32,300				170
180	20.6	162.3	20,500 *	27.0	180.0	22,400 *	30.2	188.1	23,600 *	34.9	198.7	25,700 *	39.0	206.5	27,900 *	42.6	212.0	29,700	45.9	215.6	28,400	180
190	6.6	119.6	15,600 *	18.7	155.8	20,100 *	23.0	167.8	21,100 *	28.8	182.4	23,000 *	33.6	192.7	25,000 *	37.7	200.0	27,100 *	41.2	204.9	26,200	190
200							12.3	135.6	18,900 *	21.2	160.5	20,600 *	27.2	175.3	22,400 *	32.0	185.4	24,300 *	36.1	192.2	24,200	200
210										8.2	121.2	18,400 *	18.9	151.4	20,100 *	25.3	166.8	21,800 *	30.2	176.7	22,400	210
220																16.1	139.7	19,500 *	23.0	156.3	20,800	220
230																			12.2	123.9	18,900 *	230



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

90 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.5	283.7	74,200 *																			60
65	73.9	282.3	72,000 *																			65
70	72.3	280.8	69,400 *																			70
75	70.7	279.1	66,700 *																			75
80	69.1	277.2	63,900 *																			80
85	67.5	275.2	61,200 *	70.1	277.6	65,800 *																85
90	65.8	273.0	58,500 *	68.5	275.7	63,200 *																90
95	64.2	270.6	55,800 *	66.8	273.6	60,500 *																95
100	62.5	268.0	52,500 *	65.2	271.3	57,800 *	66.8	272.7	60,200 *													100
105	60.8	265.3	48,800 *	63.5	268.9	55,000 *	65.1	270.4	57,600 *													105
110	59.0	262.4	45,500 *	61.8	266.2	51,100 *	63.4	268.0	54,800 *													110
115	57.2	259.2	42,600 *	60.1	263.4	47,500 *	61.7	265.3	50,900 *													115
120	55.4	255.8	39,900 *	58.3	260.4	44,400 *	60.0	262.5	47,400 *	62.7	265.0	53,100 *										120
130	51.6	248.3	35,200 *	54.7	253.7	38,900 *	56.4	256.2	41,400 *	59.2	259.3	46,000 *										130
140	47.7	239.7	31,200 *	50.9	246.0	34,400 *	52.7	249.0	36,400 *	55.6	252.9	40,300 *										140
150	43.4	229.7	27,900 *	46.8	237.1	30,500 *	48.8	240.7	32,300 *	51.9	245.4	35,500 *	54.8	248.7	39,100 *							150
160	38.8	218.1	24,900 *	42.5	226.8	27,300 *	44.6	231.1	28,800 *	47.9	236.9	31,500 *	51.0	241.0	34,500 *							160
170	33.6	204.3	22,400 *	37.8	214.8	24,400 *	40.1	220.0	25,700 *	43.7	227.0	28,100 *	46.9	232.1	30,700 *	49.9	235.6	31,900				170
180	27.6	187.1	20,100 *	32.5	200.4	22,000 *	35.1	206.8	23,100 *	39.1	215.5	25,200 *	42.6	221.9	27,400 *	45.8	226.4	29,300				180
190	20.0	164.0	18,000 *	26.3	182.4	19,700 *	29.4	190.8	20,700 *	33.9	201.8	22,600 *	37.9	210.0	24,500 *	41.4	215.8	26,600 *	44.6	219.7	25,700	190
200	6.4	120.2	13,500 *	18.2	157.4	17,600 *	22.4	169.8	18,600 *	28.0	184.9	20,300 *	32.6	195.6	22,000 *	36.6	203.3	23,900 *	40.1	208.6	23,800	200
210							11.9	136.6	16,600 *	20.6	162.3	18,100 *	26.4	177.7	19,700 *	31.1	188.2	21,400 *	35.1	195.4	22,000	210
220										8.0	121.9	16,200 *	18.4	153.0	17,700 *	24.6	168.9	19,200 *	29.4	179.3	20,400	220
230																15.6	141.1	17,100 *	22.3	158.3	18,500 *	230
240																			11.8	125.0	16,600 *	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

90 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.7	292.7	66,200 *																			65
70	73.2	291.3	64,500 *																			70
75	71.7	289.7	62,000 *																			75
80	70.2	287.9	59,300 *																			80
85	68.7	286.0	56,700 *																			85
90	67.1	283.9	54,000 *	69.6	286.4	58,500 *																90
95	65.6	281.7	51,500 *	68.1	284.4	56,000 *																95
100	64.0	279.3	49,000 *	66.5	282.3	53,400 *	68.0	283.6	55,600 *													100
105	62.4	276.7	46,500 *	64.9	280.0	50,900 *	66.4	281.4	53,100 *													105
110	60.7	274.0	44,200 *	63.3	277.5	48,400 *	64.8	279.1	50,700 *													110
115	59.1	271.0	41,900 *	61.7	274.9	46,000 *	63.3	276.6	48,200 *													115
120	57.4	267.9	39,300 *	60.1	272.1	43,600 *	61.6	274.0	45,900 *													120
130	53.9	260.9	34,600 *	56.7	265.8	38,300 *	58.3	268.1	40,800 *	60.9	270.9	44,700 *										130
140	50.2	253.0	30,700 *	53.2	258.7	33,800 *	54.9	261.4	35,900 *	57.6	264.9	39,700 *										140
150	46.4	244.0	27,300 *	49.5	250.6	30,000 *	51.3	253.8	31,700 *	54.1	258.0	35,000 *	56.8	260.8	38,500 *							150
160	42.2	233.6	24,400 *	45.6	241.3	26,700 *	47.5	245.1	28,200 *	50.5	250.2	31,000 *	53.3	253.7	34,000 *							160
170	37.7	221.5	21,900 *	41.4	230.6	23,900 *	43.4	235.1	25,200 *	46.6	241.2	27,600 *	49.6	245.6	30,100 *	52.3	248.5	31,400				170
180	32.7	207.2	19,600 *	36.8	218.2	21,400 *	39.0	223.6	22,600 *	42.5	230.9	24,600 *	45.7	236.4	26,800 *	48.6	240.1	28,800				180
190	26.9	189.5	17,600 *	31.6	203.2	19,200 *	34.2	209.9	20,200 *	38.0	219.0	22,000 *	41.5	225.7	24,000 *	44.6	230.6	26,100 *	47.4	233.7	25,200	190
200	19.5	165.7	15,700 *	25.6	184.6	17,200 *	28.6	193.3	18,200 *	33.1	204.8	19,800 *	36.9	213.3	21,500 *	40.3	219.5	23,300 *	43.4	223.7	23,300	200
210	6.3	120.7	11,600 *	17.7	159.0	15,400 *	21.8	171.7	16,200 *	27.3	187.3	17,700 *	31.8	198.5	19,300 *	35.6	206.5	20,900 *	39.0	212.1	21,500	210
220							11.6	137.6	14,400 *	20.0	164.1	15,800 *	25.8	180.0	17,300 *	30.3	190.9	18,700 *	34.2	198.5	19,900	220
230										7.8	122.5	14,000 *	17.9	154.5	15,400 *	23.9	171.1	16,700 *	28.6	181.8	18,100 *	230
240																15.2	142.4	14,900 *	21.8	160.2	16,200 *	240
250																			11.5	125.9	14,400 *	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	68.7	174.9	175,800 *b																			38
40	66.9	174.0	169,100 *b																			40
45	62.4	171.6	153,900 *b																			45
50	57.6	168.6	136,700 *b	65.9	172.7	164,200 *b																50
55	52.5	164.9	119,500 *	61.3	170.1	149,900 *b	66.2	172.0	164,100 *b													55
60	47.1	160.5	105,900 *	56.5	167.0	132,500 *b	61.6	169.4	148,500 b													60
65	41.1	155.2	94,900 *	51.4	163.2	116,200 *	56.8	166.3	133,600 *b													65
70	34.2	148.5	85,900 *	45.8	158.6	103,300 *	51.7	162.6	117,000 *	60.4	166.6	118,000 b										70
75	25.8	139.4	78,200 *	39.7	153.0	92,800 *	46.1	158.0	104,000 *	55.5	163.4	108,100										75
80	12.6	124.1	71,700 *	32.5	145.9	84,100 *	40.0	152.5	93,400 *	50.3	159.4	99,800										80
85				23.5	136.0	76,700 *	33.0	145.5	84,600 *	44.6	154.7	92,500	53.9	159.4	89,300							85
90				6.3	115.8	70,400 *	24.1	135.9	77,100 *	38.3	148.8	86,100	48.6	155.3	83,200							90
95							8.4	117.5	70,700 *	30.9	141.2	80,500	42.8	150.2	77,800	52.0	154.5	75,100				95
100										21.2	130.5	75,400 *	36.2	143.9	73,000	46.5	150.0	70,500				100
105													28.2	135.6	68,600	40.5	144.6	66,300				105
110													17.1	123.0	64,600	33.5	137.7	62,500	44.0	143.6	60,400	110
115																24.8	128.3	59,100	37.6	137.6	57,100	115
120																10.4	111.5	55,800	30.1	129.9	54,100	120



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	71.5	185.6	171,700 *b																			38
40	70.0	184.9	165,200 *b																			40
45	66.1	182.8	150,700 *b																			45
50	62.1	180.2	137,500 *b	69.1	183.6	160,700 *b																50
55	57.9	177.2	120,200 *	65.2	181.4	147,100 *b																55
60	53.5	173.7	106,500 *	61.2	178.8	133,300 *b	65.4	180.7	147,300 *b													60
65	48.9	169.5	95,400 *	56.9	175.7	116,900 *	61.4	178.1	133,600													65
70	43.8	164.6	86,200 *	52.5	172.0	103,800 *	57.2	175.0	117,800 *													70
75	38.3	158.7	78,600 *	47.8	167.7	93,200 *	52.8	171.4	104,500 *	60.3	175.3	107,700										75
80	31.9	151.3	72,000 *	42.7	162.6	84,500 *	48.1	167.1	93,800 *	56.1	172.1	99,300										80
85	24.0	141.5	66,400 *	36.9	156.4	77,100 *	43.0	162.0	84,900 *	51.6	168.3	92,100										85
90	11.7	125.1	61,400 *	30.3	148.6	70,700 *	37.3	155.9	77,500 *	46.8	163.8	85,700	54.7	168.2	82,700							90
95				21.9	138.0	65,200 *	30.7	148.2	71,100 *	41.5	158.5	80,100	50.1	164.2	77,300							95
100				5.8	116.2	60,400 *	22.4	137.8	65,500 *	35.7	152.0	75,200	45.2	159.5	72,500							100
105							7.8	118.1	60,700 *	28.8	143.8	69,600 *	39.8	153.9	68,200	48.4	159.1	65,800				105
110										19.7	132.2	64,200 *	33.7	146.9	64,400	43.3	154.1	62,100				110
115													26.3	138.0	60,800	37.7	148.0	58,700	46.3	152.8	56,600	115
120													15.9	124.4	57,600	31.2	140.5	55,600	41.0	147.4	53,600	120
130																9.7	112.3	50,000	28.0	132.3	48,300	130



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	73.6	196.1	167,300 *b																			38
40	72.3	195.5	161,200 *b																			40
45	68.9	193.6	147,400 *b																			45
50	65.4	191.5	135,600 *b																			50
55	61.9	188.9	120,700 *	68.1	192.4	144,200 *b																55
60	58.1	185.9	106,900 *	64.6	190.1	133,000 *																60
65	54.3	182.5	95,700 *	61.0	187.4	117,400 *	64.8	189.4	133,200													65
70	50.2	178.5	86,500 *	57.3	184.4	104,200 *	61.2	186.7	118,300 *													70
75	45.9	173.8	78,800 *	53.4	180.8	93,600 *	57.5	183.7	104,900 *													75
80	41.2	168.4	72,200 *	49.3	176.7	84,700 *	53.6	180.2	94,100 *	60.3	183.9	98,900										80
85	36.0	162.0	66,500 *	44.9	171.9	77,300 *	49.5	176.1	85,200 *	56.5	180.8	91,700										85
90	30.0	154.0	61,500 *	40.1	166.3	70,900 *	45.1	171.3	77,700 *	52.6	177.1	85,400										90
95	22.6	143.5	57,200 *	34.7	159.5	65,400 *	40.3	165.7	71,200 *	48.4	172.8	79,800	55.3	176.9	76,900							95
100	11.0	126.0	53,300 *	28.5	151.1	60,600 *	35.0	159.1	65,700 *	43.9	167.9	74,800	51.3	173.1	72,100							100
105				20.6	139.7	56,300 *	28.9	150.8	60,800 *	39.0	162.1	69,700 *	47.0	168.6	67,900							105
110				5.5	116.6	52,500 *	21.1	139.7	56,600 *	33.5	155.0	64,400 *	42.5	163.4	64,000	49.8	168.0	61,600				110
115							7.3	118.7	52,700 *	27.0	146.2	59,700 *	37.4	157.3	60,500	45.4	163.3	58,300				115
120										18.5	133.8	55,500 *	31.7	149.8	57,300	40.7	157.8	55,200	48.0	161.9	53,200	120
130													15.0	125.6	51,700	29.4	143.1	49,800	38.5	150.9	48,000	130
140																9.1	113.0	45,100	26.4	134.7	43,600	140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	75.3	206.6	156,000 *b																			38
40	74.1	206.0	152,800 *b																			40
45	71.1	204.3	143,900 *b																			45
50	68.0	202.4	132,600 *																			50
55	64.9	200.1	120,800 *	70.4	203.1	141,000 *b																55
60	61.7	197.6	106,900 *	67.3	201.1	130,400 *																60
65	58.3	194.6	95,700 *	64.2	198.8	117,500 *	67.5	200.4	130,600 *													65
70	54.9	191.2	86,500 *	60.9	196.1	104,300 *	64.4	198.1	118,400 *													70
75	51.3	187.3	78,700 *	57.6	193.0	93,500 *	61.1	195.4	105,000 *													75
80	47.4	182.9	72,100 *	54.1	189.6	84,700 *	57.8	192.4	94,100 *													80
85	43.4	177.9	66,400 *	50.4	185.6	77,200 *	54.3	188.9	85,100 *	60.2	192.6	91,200										85
90	38.9	172.0	61,400 *	46.5	181.0	70,800 *	50.6	185.0	77,600 *	56.9	189.5	84,900										90
95	34.0	165.0	57,000 *	42.4	175.8	65,200 *	46.8	180.4	71,100 *	53.3	185.9	79,300										95
100	28.4	156.5	53,100 *	37.9	169.7	60,400 *	42.6	175.3	65,500 *	49.6	181.8	74,400	55.8	185.6	71,600							100
105	21.4	145.4	49,700 *	32.8	162.5	56,100 *	38.2	169.2	60,700 *	45.7	177.1	69,600 *	52.2	181.9	67,300							105
110	10.4	126.9	46,500 *	27.0	153.5	52,400 *	33.1	162.1	56,400 *	41.5	171.7	64,200 *	48.5	177.6	63,500							110
115				19.5	141.4	49,000 *	27.3	153.2	52,600 *	36.9	165.4	59,500 *	44.5	172.8	60,100	50.9	176.9	57,700				115
120				5.1	117.0	45,800 *	20.0	141.4	49,200 *	31.7	157.9	55,400 *	40.1	167.1	56,900	47.1	172.4	54,700				120
130										17.5	135.3	48,400 *	30.0	152.5	51,400	38.5	161.3	49,400	45.3	166.1	47,400	130
140													14.2	126.9	46,600	27.8	145.6	44,800	36.4	154.2	43,100	140
150																8.6	113.7	40,800	24.9	136.9	39,300	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.6	216.4	144,200 *b																			40
45	72.9	214.9	138,000 *b																			45
50	70.1	213.2	129,300 *																			50
55	67.3	211.1	119,900 *																			55
60	64.5	208.8	110,100 *	69.5	211.9	127,200 *																60
65	61.5	206.2	98,400 *	66.7	209.8	118,400 *																65
70	58.5	203.2	88,900 *	63.8	207.5	107,300 *	66.9	209.1	118,700 *													70
75	55.4	199.9	80,800 *	60.8	204.8	96,200 *	64.0	206.7	108,000 *													75
80	52.1	196.1	74,000 *	57.8	201.7	87,000 *	61.0	204.1	96,800 *													80
85	48.7	191.9	68,100 *	54.6	198.3	79,200 *	58.0	201.0	87,500 *													85
90	45.1	187.1	63,000 *	51.3	194.4	72,600 *	54.8	197.6	79,700 *	60.2	201.3	84,400										90
95	41.2	181.6	58,500 *	47.9	190.1	66,900 *	51.5	193.8	73,000 *	57.2	198.1	78,800										95
100	37.0	175.4	54,500 *	44.2	185.1	61,900 *	48.1	189.5	67,200 *	54.0	194.6	73,900										100
105	32.4	167.9	50,900 *	40.3	179.5	57,600 *	44.4	184.6	62,200 *	50.6	190.7	69,500	56.2	194.3	66,900							105
110	27.0	158.9	47,700 *	36.0	173.0	53,700 *	40.5	179.0	57,800 *	47.2	186.2	65,600	53.0	190.7	63,000							110
115	20.3	147.1	44,800 *	31.2	165.3	50,200 *	36.3	172.5	53,900 *	43.4	181.1	61,000 *	49.6	186.6	59,600							115
120	9.9	127.7	40,100 *	25.7	155.8	47,100 *	31.5	164.9	50,400 *	39.5	175.3	56,800 *	46.0	181.9	56,400	51.8	185.7	54,200				120
130				4.8	117.3	39,500 *	19.0	143.0	44,400 *	30.2	160.6	49,600 *	38.2	170.6	50,900	44.7	176.6	48,900				130
140										16.7	136.7	43,700 *	28.5	155.0	46,300	36.6	164.7	44,400	43.1	170.1	42,600	140
150													28.5	155.0	46,300	26.4	147.9	40,500	34.7	157.4	38,900	150
160													13.5	128.0	42,200	8.1	114.4	37,000	23.7	139.0	35,600	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.4	225.4	128,700 *b																			45
50	71.9	223.8	123,500 *																			50
55	69.3	222.0	117,300 *																			55
60	66.7	219.9	109,300 *																			60
65	64.1	217.5	98,100 *	68.7	220.7	115,900 *																65
70	61.4	214.9	88,500 *	66.1	218.6	107,000 *																70
75	58.6	211.9	80,500 *	63.5	216.1	95,900 *	66.3	217.8	107,800 *													75
80	55.8	208.6	73,600 *	60.8	213.4	86,700 *	63.6	215.4	96,500 *													80
85	52.8	204.9	67,700 *	58.0	210.4	78,900 *	60.9	212.7	87,200 *													85
90	49.7	200.8	62,600 *	55.1	207.0	72,300 *	58.1	209.7	79,300 *	62.9	212.7	83,900										90
95	46.5	196.2	58,100 *	52.1	203.2	66,500 *	55.3	206.4	72,600 *	60.2	209.9	78,300										95
100	43.0	191.1	54,100 *	49.0	199.0	61,600 *	52.3	202.6	66,900 *	57.4	206.8	73,400										100
105	39.4	185.3	50,500 *	45.7	194.3	57,200 *	49.2	198.4	61,800 *	54.5	203.4	69,000										105
110	35.4	178.6	47,300 *	42.2	189.0	53,300 *	45.9	193.8	57,400 *	51.5	199.5	65,100	56.5	203.0	62,500							110
115	30.9	170.7	44,400 *	38.5	183.0	49,800 *	42.4	188.5	53,500 *	48.3	195.2	60,700 *	53.6	199.4	59,100							115
120	25.8	161.2	41,800 *	34.4	176.1	46,700 *	38.7	182.5	50,000 *	45.0	190.4	56,400 *	50.5	195.4	55,900							120
130	9.4	128.5	35,400 *	24.5	158.0	41,300 *	30.1	167.6	44,000 *	37.7	178.8	49,200 *	44.0	186.0	50,500	49.4	190.4	48,400				130
140				4.6	117.7	34,900 *	18.2	144.6	39,100 *	28.8	163.2	43,400 *	36.5	173.9	45,800	42.7	180.5	43,900	48.0	184.2	42,100	140
150										15.9	138.1	38,500 *	27.2	157.4	41,800	35.0	167.8	40,100	41.1	173.9	38,400	150
160													12.9	129.1	37,900 *	25.3	150.1	36,700	33.1	160.4	35,100	160
170																7.7	115.0	33,600	22.7	141.0	32,300	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.6	235.7	119,300 *																			45
50	73.3	234.3	114,700 *																			50
55	71.0	232.6	110,300 *																			55
60	68.6	230.7	106,000 *																			60
65	66.2	228.6	98,900 *	70.5	231.4	110,500 *																65
70	63.8	226.2	89,200 *	68.1	229.5	105,700 *																70
75	61.3	223.5	81,000 *	65.7	227.3	96,600 *																75
80	58.7	220.6	74,000 *	63.2	224.8	87,200 *	65.8	226.5	97,300 *													80
85	56.1	217.3	68,000 *	60.7	222.1	79,400 *	63.4	224.1	87,800 *													85
90	53.4	213.7	62,800 *	58.1	219.1	72,600 *	60.9	221.4	79,800 *													90
95	50.6	209.7	58,300 *	55.5	215.7	66,800 *	58.3	218.4	73,000 *	62.7	221.4	78,100										95
100	47.6	205.3	54,200 *	52.8	212.0	61,800 *	55.6	215.1	67,200 *	60.2	218.6	73,200										100
105	44.5	200.4	50,600 *	49.9	207.9	57,300 *	52.9	211.4	62,100 *	57.6	215.5	68,800										105
110	41.2	194.9	47,400 *	46.9	203.4	53,400 *	50.1	207.3	57,600 *	54.9	212.1	64,900										110
115	37.7	188.7	44,500 *	43.8	198.4	49,900 *	47.1	202.8	53,600 *	52.2	208.3	60,900 *	56.8	211.7	58,800							115
120	33.9	181.6	41,800 *	40.5	192.7	46,700 *	44.0	197.8	50,100 *	49.3	204.1	56,500 *	54.1	208.2	55,700							120
130	24.8	163.4	37,200 *	33.0	179.1	41,300 *	37.1	185.9	44,100 *	43.1	194.4	49,300 *	48.4	200.0	50,200							130
140	9.0	129.2	31,600 *	23.5	160.0	36,800 *	28.9	170.2	39,100 *	36.1	182.0	43,400 *	42.1	189.9	45,600	47.3	194.8	43,700				140
150				4.4	118.0	31,200 *	17.4	146.1	34,900 *	27.7	165.6	38,500 *	35.0	177.1	41,600	40.9	184.3	39,800	46.0	188.5	38,100	150
160										15.3	139.4	34,400 *	26.1	159.7	37,900 *	33.5	170.8	36,500	39.4	177.5	34,900	160
170													12.3	130.1	33,900 *	24.2	152.3	33,600	31.8	163.2	32,100	170
180																7.4	115.6	30,900	21.8	142.9	29,600	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.5	244.7	107,500 *																			50
55	72.4	243.2	103,500 *																			55
60	70.2	241.4	99,700 *																			60
65	68.0	239.5	96,000 *																			65
70	65.8	237.3	88,800 *	69.7	240.2	100,000 *																70
75	63.5	234.9	80,500 *	67.5	238.2	96,300 *																75
80	61.2	232.2	73,600 *	65.3	236.0	86,800 *	67.7	237.5	96,500 *													80
85	58.8	229.2	67,600 *	63.0	233.5	78,900 *	65.4	235.2	87,400 *													85
90	56.4	226.0	62,400 *	60.7	230.7	72,200 *	63.1	232.8	79,400 *													90
95	53.9	222.5	57,800 *	58.3	227.7	66,400 *	60.8	230.0	72,600 *													95
100	51.3	218.6	53,800 *	55.8	224.4	61,300 *	58.4	227.1	66,700 *	62.5	230.0	72,700										100
105	48.6	214.3	50,200 *	53.3	220.8	56,900 *	56.0	223.8	61,600 *	60.2	227.2	68,300										105
110	45.8	209.5	46,900 *	50.7	216.8	53,000 *	53.4	220.2	57,200 *	57.8	224.2	64,400										110
115	42.8	204.3	44,000 *	48.0	212.4	49,400 *	50.8	216.2	53,200 *	55.3	220.8	60,400 *										115
120	39.7	198.5	41,400 *	45.1	207.6	46,300 *	48.1	211.8	49,600 *	52.8	217.1	56,100 *	57.0	220.4	55,200							120
130	32.6	184.5	36,800 *	38.9	196.3	40,800 *	42.3	201.7	43,600 *	47.4	208.6	48,800 *	52.0	213.1	49,700							130
140	23.8	165.5	32,900 *	31.8	181.9	36,300 *	35.7	189.1	38,600 *	41.5	198.2	42,900 *	46.5	204.3	45,100	51.0	208.1	43,100				140
150	8.7	129.9	28,000 *	22.6	162.0	32,500 *	27.8	172.6	34,500 *	34.8	185.2	38,100 *	40.5	193.6	41,200	45.5	199.0	39,300				150
160				4.2	118.3	27,700 *	16.8	147.6	30,900 *	26.6	168.0	34,000 *	33.6	180.1	37,400 *	39.4	187.9	36,000	44.2	192.6	34,400	160
170										14.7	140.7	30,500 *	25.2	162.0	33,400 *	32.3	173.7	33,100	37.9	180.9	31,600	170
180													11.9	131.1	30,000 *	23.3	154.3	30,500	30.6	165.9	29,100	180
190																7.1	116.2	28,100	20.9	144.7	26,900	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.6	255.1	102,500 *																			50
55	73.6	253.7	99,100 *																			55
60	71.6	252.1	95,800 *																			60
65	69.6	250.2	92,600 *																			65
70	67.5	248.2	89,500 *																			70
75	65.4	246.0	81,400 *	69.1	249.0	92,900 *																75
80	63.3	243.5	74,300 *	67.0	246.9	87,700 *																80
85	61.1	240.9	68,200 *	64.9	244.7	79,700 *	67.2	246.2	88,300 *													85
90	58.9	237.9	62,900 *	62.8	242.2	72,900 *	65.1	243.9	80,200 *													90
95	56.6	234.7	58,300 *	60.6	239.4	67,000 *	62.9	241.4	73,300 *													95
100	54.3	231.2	54,200 *	58.4	236.4	61,900 *	60.7	238.7	67,300 *													100
105	51.9	227.4	50,600 *	56.1	233.1	57,400 *	58.5	235.7	62,200 *	62.4	238.7	67,800										105
110	49.4	223.2	47,300 *	53.8	229.5	53,400 *	56.2	232.5	57,600 *	60.2	235.9	63,900										110
115	46.8	218.6	44,300 *	51.3	225.7	49,800 *	53.9	228.9	53,600 *	57.9	232.8	60,300										115
120	44.1	213.6	41,700 *	48.8	221.4	46,600 *	51.5	225.0	50,000 *	55.6	229.5	56,600 *										120
130	38.2	202.0	37,000 *	43.5	211.6	41,100 *	46.4	216.2	43,900 *	50.8	221.9	49,200 *	54.9	225.6	49,200							130
140	31.5	187.4	33,100 *	37.5	199.7	36,500 *	40.8	205.5	38,900 *	45.7	212.8	43,200 *	50.1	217.8	44,700							140
150	23.0	167.5	29,700 *	30.6	184.7	32,700 *	34.4	192.2	34,700 *	40.0	201.8	38,300 *	44.8	208.5	40,700	49.2	212.7	38,900				150
160	8.3	130.6	24,000 *	21.8	163.9	29,400 *	26.8	175.0	31,100 *	33.5	188.2	34,200 *	39.1	197.2	37,300	43.8	203.1	35,600				160
170				4.1	118.7	23,800 *	16.2	149.0	27,900 *	25.7	170.3	30,700 *	32.4	183.0	33,600 *	37.9	191.3	32,700	42.6	196.5	31,100	170
180										14.2	141.9	27,500 *	24.3	164.1	30,200 *	31.1	176.5	30,100	36.6	184.2	28,700	180
190													11.4	132.1	27,000 *	22.5	156.3	27,800	29.5	168.6	26,500	190
200																6.9	116.8	25,700	20.2	146.5	24,500	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.7	264.1	92,900 *																			55
60	72.8	262.6	90,000 *																			60
65	70.9	260.9	87,000 *																			65
70	69.0	259.0	84,200 *																			70
75	67.0	257.0	80,900 *	70.5	259.7	87,000 *																75
80	65.1	254.7	73,800 *	68.5	257.8	84,400 *																80
85	63.1	252.2	67,700 *	66.6	255.7	79,200 *																85
90	61.0	249.5	62,400 *	64.6	253.3	72,400 *	66.7	254.9	79,700 *													90
95	59.0	246.6	57,800 *	62.6	250.8	66,500 *	64.7	252.6	72,800 *													95
100	56.8	243.4	53,700 *	60.6	248.1	61,400 *	62.7	250.1	66,800 *													100
105	54.7	239.9	50,000 *	58.5	245.1	56,900 *	60.7	247.4	61,700 *													105
110	52.4	236.2	46,800 *	56.4	241.8	52,900 *	58.6	244.4	57,100 *	62.2	247.4	63,400										110
115	50.1	232.1	43,800 *	54.2	238.3	49,300 *	56.5	241.1	53,100 *	60.2	244.6	59,900										115
120	47.7	227.7	41,100 *	51.9	234.5	46,100 *	54.3	237.6	49,500 *	58.1	241.5	56,000 *										120
130	42.6	217.6	36,500 *	47.2	225.8	40,600 *	49.7	229.7	43,400 *	53.7	234.6	48,600 *	57.4	237.7	48,700							130
140	37.0	205.4	32,500 *	42.0	215.5	36,000 *	44.8	220.3	38,300 *	49.1	226.5	42,700 *	53.0	230.7	44,100							140
150	30.4	190.1	29,200 *	36.3	203.0	32,200 *	39.4	209.1	34,100 *	44.1	216.9	37,800 *	48.4	222.3	40,200	52.2	225.7	38,300				150
160	22.2	169.5	26,300 *	29.6	187.3	28,800 *	33.3	195.2	30,500 *	38.7	205.4	33,600 *	43.3	212.5	36,800	47.5	217.2	35,000				160
170	8.1	131.3	21,200 *	21.1	165.8	26,000 *	26.0	177.3	27,500 *	32.4	191.1	30,100 *	37.8	200.6	33,100 *	42.4	207.0	32,200	46.4	210.9	30,600	170
180				3.9	119.0	21,100 *	15.6	150.3	24,700 *	24.8	172.4	27,100 *	31.4	185.8	29,700 *	36.7	194.7	29,600	41.2	200.3	28,100	180
190										13.7	143.1	24,300 *	23.5	166.2	26,700 *	30.1	179.2	27,400	35.4	187.4	26,000	190
200													11.1	133.1	23,900 *	21.8	158.2	25,300	28.5	171.1	24,000	200
210																6.6	117.3	23,300 *	19.5	148.2	22,200	210



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

100 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.6	274.5	86,200 *																			55
60	73.8	273.1	83,500 *																			60
65	72.1	271.5	80,900 *																			65
70	70.3	269.7	78,300 *																			70
75	68.5	267.8	75,800 *																			75
80	66.6	265.7	73,100 *	69.9	268.5	78,300 *																80
85	64.8	263.4	68,100 *	68.1	266.5	75,900 *																85
90	62.9	260.9	62,700 *	66.2	264.4	72,900 *																90
95	61.0	258.2	58,000 *	64.4	262.0	66,900 *	66.3	263.6	73,000 *													95
100	59.0	255.2	53,800 *	62.5	259.5	61,700 *	64.5	261.3	67,200 *													100
105	57.0	252.1	50,100 *	60.5	256.7	57,100 *	62.6	258.8	62,000 *													105
110	55.0	248.6	46,800 *	58.6	253.7	53,000 *	60.7	256.0	57,300 *													110
115	52.9	244.9	43,800 *	56.6	250.5	49,400 *	58.7	253.1	53,200 *	62.1	256.0	59,600										115
120	50.7	240.9	41,100 *	54.5	247.0	46,100 *	56.7	249.8	49,600 *	60.1	253.2	56,200 *										120
130	46.2	231.9	36,400 *	50.2	239.2	40,600 *	52.5	242.6	43,400 *	56.2	246.9	48,700 *										130
140	41.3	221.3	32,400 *	45.7	230.0	35,900 *	48.1	234.2	38,300 *	52.0	239.5	42,700 *	55.5	243.1	43,900							140
150	35.8	208.6	29,000 *	40.7	219.2	32,000 *	43.4	224.3	34,000 *	47.5	230.9	37,700 *	51.3	235.5	39,900							150
160	29.5	192.7	26,100 *	35.2	206.2	28,700 *	38.2	212.5	30,400 *	42.7	220.8	33,500 *	46.8	226.7	36,500	50.5	230.5	34,800				160
170	21.5	171.4	23,500 *	28.7	189.9	25,800 *	32.3	198.1	27,300 *	37.4	208.8	30,000 *	42.0	216.3	33,000 *	46.0	221.4	31,900				170
180	7.8	132.0	18,900 *	20.5	167.6	23,200 *	25.2	179.6	24,600 *	31.4	193.9	26,900 *	36.6	203.9	29,500 *	41.0	210.7	29,400	45.0	215.1	27,900	180
190				3.8	119.2	18,800 *	15.1	151.6	22,000 *	24.1	174.6	24,300 *	30.4	188.6	26,500 *	35.5	197.9	27,100	39.9	204.0	25,700	190
200										13.3	144.2	21,700 *	22.7	168.2	23,900 *	29.2	181.8	25,100	34.3	190.5	23,800	200
210													10.7	134.0	21,300 *	21.1	160.1	23,200	27.6	173.6	22,000	210
220																6.4	117.8	20,900 *	18.9	149.8	20,400	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.7	283.5	78,400 *																			60
65	73.1	282.0	76,000 *																			65
70	71.4	280.3	73,700 *																			70
75	69.7	278.5	71,200 *																			75
80	68.0	276.6	68,200 *	71.0	279.1	73,500 *																80
85	66.3	274.4	65,300 *	69.3	277.3	70,800 *																85
90	64.5	272.1	62,200 *	67.6	275.3	68,000 *																90
95	62.7	269.6	57,500 *	65.9	273.1	65,200 *	67.7	274.5	67,800 *													95
100	60.9	266.8	53,300 *	64.1	270.7	61,100 *	66.0	272.4	65,200 *													100
105	59.1	263.9	49,600 *	62.3	268.2	56,500 *	64.2	270.0	61,400 *													105
110	57.2	260.7	46,300 *	60.5	265.4	52,500 *	62.4	267.4	56,800 *													110
115	55.3	257.3	43,300 *	58.7	262.4	48,800 *	60.6	264.7	52,700 *													115
120	53.3	253.7	40,600 *	56.8	259.2	45,600 *	58.8	261.7	49,100 *	62.0	264.7	55,700 *										120
130	49.2	245.6	35,800 *	52.9	252.0	40,000 *	54.9	255.1	42,800 *	58.3	258.9	48,200 *										130
140	44.8	236.1	31,900 *	48.7	243.8	35,400 *	50.9	247.4	37,700 *	54.4	252.1	42,100 *	57.7	255.1	43,300							140
150	40.1	225.0	28,500 *	44.3	234.1	31,500 *	46.7	238.5	33,500 *	50.4	244.3	37,200 *	53.8	248.2	39,400							150
160	34.8	211.7	25,500 *	39.5	222.8	28,100 *	42.1	228.2	29,900 *	46.1	235.2	33,000 *	49.8	240.2	36,100							160
170	28.6	195.3	23,000 *	34.1	209.3	25,300 *	37.1	215.9	26,700 *	41.5	224.6	29,400 *	45.4	230.9	32,400 *	49.0	235.1	31,400				170
180	20.9	173.2	20,700 *	27.9	192.4	22,700 *	31.3	200.9	24,000 *	36.3	212.1	26,400 *	40.7	220.1	29,000 *	44.6	225.6	28,900				180
190	7.6	132.6	16,500 *	19.9	169.3	20,500 *	24.4	181.7	21,700 *	30.5	196.7	23,700 *	35.5	207.1	26,000 *	39.8	214.4	26,600	43.6	219.1	25,200	190
200				3.7	119.5	16,500 *	14.7	152.9	19,400 *	23.4	176.6	21,400 *	29.5	191.2	23,400 *	34.5	201.0	24,600	38.7	207.5	23,300	200
210										12.9	145.3	19,100 *	22.1	170.1	21,000 *	28.3	184.3	22,800	33.3	193.5	21,500	210
220													10.4	134.9	18,800 *	20.5	161.9	20,600 *	26.8	175.9	19,900	220
230																6.2	118.3	18,400 *	18.4	151.4	18,400	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.6	293.8	73,200 *																			60
65	74.0	292.4	71,500 *																			65
70	72.4	290.9	69,100 *																			70
75	70.8	289.2	66,500 *																			75
80	69.2	287.3	63,900 *																			80
85	67.6	285.3	61,200 *	70.5	288.0	66,100 *																85
90	66.0	283.1	58,500 *	68.9	286.1	63,600 *																90
95	64.3	280.8	55,900 *	67.2	284.0	61,000 *																95
100	62.6	278.2	52,800 *	65.6	281.8	58,400 *	67.3	283.3	60,800 *													100
105	60.9	275.5	49,100 *	63.9	279.4	55,800 *	65.7	281.1	58,400 *													105
110	59.1	272.6	45,800 *	62.2	276.8	52,000 *	64.0	278.7	55,900 *													110
115	57.3	269.4	42,800 *	60.5	274.0	48,400 *	62.3	276.1	52,200 *													115
120	55.5	266.1	40,100 *	58.7	271.1	45,100 *	60.6	273.3	48,600 *													120
130	51.8	258.6	35,300 *	55.1	264.5	39,500 *	57.0	267.2	42,300 *	60.1	270.5	47,700 *										130
140	47.8	250.0	31,400 *	51.3	256.9	34,900 *	53.4	260.2	37,200 *	56.6	264.3	41,600 *										140
150	43.5	240.1	28,000 *	47.3	248.2	31,000 *	49.5	252.1	33,000 *	52.9	257.1	36,700 *	56.0	260.5	39,000							150
160	38.9	228.6	25,000 *	43.1	238.1	27,600 *	45.4	242.7	29,400 *	49.0	248.9	32,500 *	52.3	253.1	35,600							160
170	33.8	214.8	22,500 *	38.4	226.3	24,800 *	40.9	231.9	26,200 *	44.8	239.4	28,900 *	48.3	244.7	31,900 *	51.6	248.2	30,900				170
180	27.8	197.8	20,200 *	33.2	212.3	22,200 *	36.0	219.2	23,500 *	40.3	228.3	25,900 *	44.1	235.0	28,500 *	47.6	239.5	28,400				180
190	20.3	175.0	18,200 *	27.1	194.8	20,000 *	30.5	203.7	21,200 *	35.3	215.3	23,200 *	39.6	223.7	25,500 *	43.3	229.6	26,200	46.7	233.3	24,700	190
200	7.4	133.2	14,400 *	19.3	171.0	18,000 *	23.7	183.8	19,100 *	29.7	199.3	20,900 *	34.5	210.2	22,900 *	38.7	217.9	24,200	42.4	223.0	22,800	200
210				3.5	119.8	14,400 *	14.3	154.1	17,100 *	22.7	178.6	18,800 *	28.7	193.7	20,600 *	33.5	204.0	22,400	37.7	210.9	21,100	210
220										12.5	146.4	16,800 *	21.5	172.0	18,500 *	27.5	186.8	20,200 *	32.3	196.4	19,500	220
230													10.1	135.7	16,500 *	19.9	163.6	18,100 *	26.1	178.3	18,100	230
240																6.0	118.8	16,100 *	17.9	153.0	16,700	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

100 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.8	302.8	65,400 *																			65
70	73.3	301.4	64,300 *																			70
75	71.8	299.8	61,800 *																			75
80	70.3	298.0	59,300 *																			80
85	68.8	296.1	56,700 *																			85
90	67.2	294.1	54,100 *	70.0	296.8	58,900 *																90
95	65.7	291.8	51,600 *	68.4	294.9	56,400 *																95
100	64.1	289.5	49,100 *	66.9	292.8	53,900 *																100
105	62.5	286.9	46,700 *	65.3	290.5	51,400 *	67.0	292.0	53,800 *													105
110	60.8	284.2	44,300 *	63.7	288.1	49,000 *	65.4	289.8	51,400 *													110
115	59.2	281.2	42,100 *	62.1	285.5	46,600 *	63.8	287.4	49,000 *													115
120	57.5	278.1	39,500 *	60.5	282.7	44,300 *	62.2	284.8	46,700 *													120
130	54.0	271.2	34,800 *	57.1	276.6	39,000 *	58.9	279.0	41,800 *	61.8	282.0	45,700 *										130
140	50.4	263.3	30,800 *	53.6	269.5	34,300 *	55.5	272.5	36,700 *	58.5	276.2	41,100 *										140
150	46.5	254.3	27,400 *	49.9	261.6	30,400 *	51.9	265.1	32,400 *	55.0	269.5	36,100 *	57.9	272.4	38,500							150
160	42.4	244.0	24,500 *	46.1	252.4	27,100 *	48.1	256.6	28,800 *	51.4	262.0	31,900 *	54.5	265.6	35,100							160
170	37.9	232.0	21,900 *	41.9	241.9	24,200 *	44.1	246.8	25,700 *	47.6	253.3	28,400 *	50.8	257.9	31,400 *							170
180	32.9	217.7	19,700 *	37.4	229.7	21,700 *	39.8	235.6	23,000 *	43.6	243.4	25,300 *	47.0	249.1	27,900 *	50.2	252.9	27,900				180
190	27.1	200.2	17,700 *	32.3	215.2	19,500 *	35.1	222.3	20,600 *	39.2	231.9	22,700 *	42.9	239.0	24,900 *	46.3	243.8	25,700				190
200	19.8	176.7	15,900 *	26.4	197.1	17,500 *	29.7	206.3	18,500 *	34.4	218.4	20,400 *	38.5	227.2	22,300 *	42.2	233.4	23,700	45.5	237.5	22,300	200
210	7.2	133.8	12,400 *	18.8	172.7	15,700 *	23.1	185.8	16,700 *	28.9	201.9	18,300 *	33.6	213.3	20,000 *	37.7	221.3	21,900	41.2	226.8	20,600	210
220				3.4	120.1	12,400 *	13.9	155.4	14,900 *	22.1	180.6	16,400 *	28.0	196.2	18,000 *	32.7	206.9	19,700 *	36.7	214.3	19,000	220
230										12.2	147.5	14,600 *	20.9	173.8	16,200 *	26.8	189.2	17,700 *	31.5	199.3	17,600	230
240													9.8	136.6	14,300 *	19.4	165.3	15,800 *	25.4	180.5	16,300	240
250																5.9	119.3	14,000 *	17.4	154.5	15,000	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	67.3	184.2	165,700 *b																			40
45	62.7	181.8	154,500 *b																			45
50	57.9	178.8	138,000 *b	67.0	183.2	161,900 *b																50
55	52.9	175.2	120,500 *	62.5	180.7	151,700 *b	67.8	182.6	161,500 *b													55
60	47.5	170.9	106,700 *	57.7	177.7	137,100 *b	63.2	180.2	147,600 b													60
65	41.5	165.6	95,600 *	52.6	174.1	119,800 *	58.5	177.3	133,200 b													65
70	34.8	159.0	86,400 *	47.2	169.7	106,200 *	53.5	173.8	121,200	62.8	177.7	116,700 b										70
75	26.4	150.2	78,700 *	41.2	164.4	95,100 *	48.1	169.6	108,200 *	58.0	174.8	107,000 b										75
80	13.9	135.7	72,100 *	34.4	157.7	86,000 *	42.2	164.4	96,800 *	53.0	171.2	98,700										80
85				26.0	148.7	78,400 *	35.6	158.0	87,400 *	47.6	166.9	91,500	57.3	171.3	88,000 b							85
90				13.0	133.7	71,800 *	27.5	149.5	79,600 *	41.7	161.6	85,200	52.3	167.6	81,900							90
95							15.8	136.2	72,900 *	34.9	155.1	79,600	46.8	163.2	76,600							95
100										26.6	146.3	74,700	40.8	157.8	71,900	51.2	162.9	69,000				100
105										14.3	132.1	70,100	33.8	150.9	67,600	45.7	158.3	65,000				105
110													25.3	141.7	63,700	39.5	152.7	61,300				110
115													11.5	125.7	60,100	32.3	145.5	57,900	44.0	152.3	55,600	115
120																23.2	135.6	54,800	37.6	146.3	52,700	120
130																			20.0	127.3	47,500	130



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	70.2	195.0	160,400 *b																			40
45	66.4	192.9	150,000 *b																			45
50	62.4	190.4	138,900 *b	70.1	194.0	156,900 *b																50
55	58.2	187.5	121,200 *	66.2	191.9	147,400 *b																55
60	53.8	184.0	107,300 *	62.2	189.4	138,000 *b	66.8	191.3	147,100 b													60
65	49.2	179.9	96,100 *	58.0	186.4	120,500 *	62.8	188.9	132,700 b													65
70	44.2	175.0	86,800 *	53.6	182.9	106,800 *	58.7	186.0	120,800													70
75	38.7	169.1	79,000 *	49.0	178.8	95,600 *	54.3	182.6	108,800 *	62.4	186.4	106,500 b										75
80	32.4	161.9	72,400 *	43.9	173.8	86,400 *	49.7	178.5	97,300 *	58.3	183.5	98,200										80
85	24.6	152.3	66,700 *	38.4	167.9	78,700 *	44.8	173.8	87,800 *	53.9	180.0	91,000										85
90	13.0	136.8	61,700 *	32.0	160.6	72,200 *	39.3	168.0	79,900 *	49.3	175.9	84,800	57.7	179.9	81,400							90
95				24.2	150.9	66,500 *	33.1	161.0	73,200 *	44.3	171.0	79,300	53.3	176.4	76,100							95
100				12.1	134.7	61,500 *	25.6	151.7	67,400 *	38.8	165.2	74,300	48.6	172.2	71,400							100
105							14.7	137.4	62,300 *	32.5	158.0	69,900	43.6	167.2	67,200	52.4	171.8	64,400				105
110										24.8	148.5	65,900	38.0	161.2	63,300	47.6	167.4	60,800				110
115										13.3	133.2	61,900 *	31.5	153.8	59,900	42.5	162.3	57,500				115
120													23.5	143.8	56,700	36.8	156.0	54,400	46.3	161.5	52,200	120
130																21.6	137.4	49,100	35.1	149.5	47,100	130
140																			18.6	128.9	42,700	140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	73.9	206.2	159,300 *b																			38
40	72.5	205.6	155,100 *b																			40
45	69.1	203.8	145,500 *b																			45
50	65.7	201.6	136,200 *b																			50
55	62.1	199.1	121,700 *	69.0	202.8	143,100 *b																55
60	58.4	196.1	107,700 *	65.5	200.6	135,000 *b																60
65	54.6	192.7	96,400 *	61.9	198.1	121,000 *	66.1	200.1	132,300 b													65
70	50.5	188.8	87,100 *	58.2	195.1	107,200 *	62.5	197.6	120,400													70
75	46.2	184.2	79,300 *	54.4	191.6	96,000 *	58.8	194.7	109,200 *													75
80	41.5	178.8	72,600 *	50.3	187.7	86,700 *	55.0	191.3	97,600 *	62.2	195.1	97,800										80
85	36.4	172.4	66,900 *	46.0	183.1	78,900 *	51.0	187.4	88,100 *	58.5	192.1	90,600										85
90	30.4	164.6	61,900 *	41.3	177.6	72,300 *	46.7	182.9	80,100 *	54.6	188.7	84,400										90
95	23.2	154.4	57,500 *	36.1	171.2	66,600 *	42.1	177.6	73,400 *	50.6	184.8	78,900	57.9	188.6	75,700							95
100	12.2	137.8	53,500 *	30.1	163.3	61,700 *	37.0	171.4	67,500 *	46.3	180.2	74,000	54.1	185.1	71,000							100
105				22.8	152.9	57,300 *	31.1	163.8	62,400 *	41.6	174.9	69,600	50.0	181.1	66,800							105
110				11.3	135.7	53,400 *	24.1	153.9	58,000 *	36.5	168.5	65,700	45.6	176.5	63,000							110
115							13.8	138.6	54,000 *	30.6	160.7	62,000 *	40.9	171.0	59,500	49.1	176.4	57,000				115
120										23.3	150.5	57,600 *	35.7	164.5	56,400	44.7	171.6	54,000				120
130													22.1	145.7	50,900	34.6	159.2	48,800	43.5	165.5	46,700	130
140																20.3	139.2	44,300	33.0	152.4	42,400	140
150																			17.5	130.4	38,600	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	75.5	216.6	153,400 *b																			38
40	74.3	216.1	149,600 *b																			40
45	71.3	214.5	140,700 *b																			45
50	68.3	212.5	132,600 *b																			50
55	65.1	210.3	121,900 *																			55
60	61.9	207.7	107,800 *	68.1	211.6	131,100 *b																60
65	58.6	204.8	96,400 *	65.0	209.3	121,200 *																65
70	55.1	201.4	87,000 *	61.7	206.7	107,200 *	65.5	208.8	120,000													70
75	51.5	197.6	79,200 *	58.4	203.8	96,000 *	62.3	206.2	109,300 *													75
80	47.7	193.2	72,500 *	54.9	200.4	86,700 *	58.9	203.3	97,600 *													80
85	43.6	188.2	66,700 *	51.3	196.5	78,900 *	55.5	200.0	88,100 *	62.0	203.7	90,100										85
90	39.3	182.4	61,700 *	47.5	192.1	72,200 *	51.9	196.2	80,100 *	58.6	200.8	83,900										90
95	34.4	175.6	57,300 *	43.4	187.1	66,500 *	48.1	191.9	73,200 *	55.2	197.4	78,400										95
100	28.8	167.2	53,400 *	39.0	181.2	61,500 *	44.1	187.0	67,400 *	51.6	193.6	73,500										100
105	21.9	156.3	49,900 *	34.1	174.3	57,100 *	39.8	181.3	62,300 *	47.8	189.3	69,200	54.7	193.9	66,200							105
110	11.5	138.8	46,700 *	28.5	165.8	53,200 *	35.0	174.6	57,800 *	43.7	184.3	65,200	51.1	190.0	62,400							110
115				21.5	154.8	49,800 *	29.5	166.4	53,900 *	39.3	178.5	61,700	47.2	185.6	59,000							115
120				10.7	136.6	46,600 *	22.8	155.9	50,300 *	34.5	171.6	57,500 *	43.1	180.5	55,900	50.3	185.3	53,500				120
130										22.1	152.5	50,000 *	33.8	167.5	50,500	42.3	175.5	48,300	41.1	169.3	41,900	130
140													20.9	147.6	45,800	32.7	162.1	43,800	31.2	155.2	38,200	140
150																19.2	140.9	40,000	16.6	131.8	34,900	150
160																						160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.8	226.5	142,000 *b																			40
45	73.1	225.0	135,000 *b																			45
50	70.3	223.3	127,600 *																			50
55	67.5	221.3	120,500 *																			55
60	64.7	219.0	111,000 *	70.2	222.3	126,200 *																60
65	61.7	216.4	99,200 *	67.4	220.3	119,900 *																65
70	58.7	213.5	89,500 *	64.5	218.0	110,400 *	67.8	219.7	119,500													70
75	55.6	210.1	81,300 *	61.6	215.4	98,700 *	65.0	217.4	109,500													75
80	52.3	206.4	74,400 *	58.5	212.4	89,100 *	62.1	214.9	100,400 *													80
85	48.9	202.2	68,500 *	55.4	209.1	81,000 *	59.0	212.0	90,500 *													85
90	45.3	197.5	63,300 *	52.2	205.3	74,100 *	55.9	208.7	82,200 *	61.8	212.4	83,400										90
95	41.5	192.0	58,800 *	48.8	201.1	68,200 *	52.7	205.0	75,200 *	58.8	209.5	77,900										95
100	37.3	185.8	54,700 *	45.1	196.3	63,100 *	49.3	200.9	69,100 *	55.6	206.2	73,000										100
105	32.7	178.5	51,200 *	41.3	190.9	58,600 *	45.7	196.2	63,900 *	52.4	202.4	68,700										105
110	27.4	169.6	47,900 *	37.1	184.6	54,600 *	41.9	190.9	59,300 *	49.0	198.2	64,800	55.2	202.6	61,900							110
115	20.9	158.1	45,000 *	32.5	177.2	51,000 *	37.8	184.7	55,200 *	45.4	193.5	61,200	51.9	198.8	58,600							115
120	10.9	139.7	39,900 *	27.1	168.2	47,800 *	33.3	177.6	51,600 *	41.6	188.1	58,000	48.5	194.6	55,500							120
130				10.2	137.4	41,300 *	21.7	157.8	45,400 *	32.8	174.6	51,300 *	41.0	184.2	50,000	47.8	189.8	47,800				130
140										21.0	154.3	45,100 *	32.1	170.4	45,400	40.2	179.2	43,400	46.8	183.9	41,400	140
150													19.9	149.3	41,400	31.1	164.9	39,600	39.1	172.9	37,700	150
160																18.3	142.5	36,200	29.7	157.9	34,600	160
170																			15.8	133.2	31,700	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.5	235.4	126,800 *b																			45
50	72.0	233.9	121,900 *																			50
55	69.5	232.1	117,100 *																			55
60	66.9	230.0	109,900 *																			60
65	64.3	227.7	98,900 *	69.4	231.1	116,300 *																65
70	61.6	225.1	89,100 *	66.8	229.0	110,100 *																70
75	58.8	222.1	81,000 *	64.1	226.7	98,400 *	67.2	228.4	109,000													75
80	56.0	218.8	74,100 *	61.4	224.0	88,700 *	64.6	226.1	100,100 *													80
85	53.0	215.2	68,100 *	58.7	221.1	80,700 *	61.9	223.5	90,200 *													85
90	49.9	211.1	62,900 *	55.8	217.8	73,800 *	59.1	220.6	81,900 *													90
95	46.7	206.6	58,400 *	52.9	214.1	67,900 *	56.3	217.4	74,800 *	61.6	221.1	77,400										95
100	43.3	201.5	54,300 *	49.8	210.0	62,700 *	53.3	213.8	68,800 *	58.9	218.1	72,500										100
105	39.6	195.7	50,700 *	46.5	205.5	58,200 *	50.3	209.8	63,500 *	56.0	214.9	68,200										105
110	35.7	189.0	47,500 *	43.1	200.3	54,200 *	47.1	205.3	58,900 *	53.1	211.2	64,300										110
115	31.3	181.3	44,600 *	39.4	194.5	50,600 *	43.7	200.2	54,800 *	50.0	207.1	60,800	55.6	211.3	58,000							115
120	26.2	171.9	42,000 *	35.5	187.8	47,400 *	40.0	194.5	51,200 *	46.8	202.6	57,500	52.6	207.6	54,900							120
130	10.4	140.6	35,100 *	25.9	170.5	41,900 *	31.8	180.4	45,000 *	39.7	191.7	50,900 *	46.3	198.9	49,500	52.0	203.0	47,200				130
140				9.7	138.2	36,400 *	20.7	159.6	39,900 *	31.3	177.4	44,700 *	39.2	187.8	45,000	45.6	194.0	42,800				140
150										20.1	156.0	39,700 *	30.7	173.2	41,000	38.4	182.7	39,100	44.7	188.0	37,200	150
160													19.0	151.0	37,600	29.7	167.5	35,800	37.3	176.3	34,000	160
170																17.5	144.0	32,900	28.4	160.4	31,300	170
180																			15.0	134.5	28,800	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.8	245.8	117,400 *b																			45
50	73.5	244.4	113,100 *																			50
55	71.1	242.7	108,900 *																			55
60	68.8	240.9	104,900 *																			60
65	66.4	238.7	99,700 *	71.0	241.8	109,800 *																65
70	64.0	236.4	89,800 *	68.7	239.9	106,100 *																70
75	61.5	233.7	81,500 *	66.3	237.7	99,200 *																75
80	58.9	230.8	74,400 *	63.8	235.4	89,400 *	66.7	237.2	100,100													80
85	56.3	227.5	68,400 *	61.3	232.7	81,100 *	64.2	234.8	90,900 *													85
90	53.6	224.0	63,100 *	58.8	229.8	74,200 *	61.7	232.2	82,400 *													90
95	50.8	220.0	58,500 *	56.1	226.5	68,200 *	59.2	229.3	75,200 *													95
100	47.8	215.6	54,500 *	53.4	222.9	62,900 *	56.6	226.1	69,100 *	61.5	229.7	72,300										100
105	44.7	210.7	50,800 *	50.6	218.9	58,400 *	53.9	222.6	63,800 *	58.9	226.8	67,900										105
110	41.5	205.3	47,600 *	47.7	214.5	54,300 *	51.1	218.6	59,100 *	56.3	223.6	64,000										110
115	38.0	199.1	44,700 *	44.6	209.6	50,700 *	48.2	214.3	55,000 *	53.6	220.0	60,500										115
120	34.2	192.1	42,000 *	41.3	204.1	47,500 *	45.1	209.5	51,300 *	50.8	216.0	57,300	56.0	220.0	54,700							120
130	25.1	174.2	37,400 *	34.0	190.9	41,900 *	38.4	198.0	45,000 *	44.8	206.8	51,000 *	50.4	212.4	49,300							130
140	10.0	141.4	31,300 *	24.9	172.7	37,300 *	30.5	183.1	39,900 *	38.1	195.2	44,800 *	44.4	203.0	44,800	49.8	207.7	42,600				140
150				9.3	139.0	32,600 *	19.9	161.3	35,600 *	30.1	180.1	39,700 *	37.5	191.2	40,800	43.7	198.1	38,900				150
160										19.2	157.7	35,400 *	29.4	175.8	37,400	36.8	186.0	35,600	42.8	192.0	33,800	160
170													18.3	152.5	34,400	28.5	170.1	32,700	35.8	179.5	31,100	170
180																16.8	145.4	30,200	27.2	162.8	28,600	180
190																			14.4	135.7	26,400	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.7	254.8	105,800 *																			50
55	72.5	253.3	102,100 *																			55
60	70.4	251.6	98,500 *																			60
65	68.2	249.6	95,000 *																			65
70	65.9	247.5	89,400 *	70.3	250.6	99,300 *																70
75	63.7	245.0	81,100 *	68.1	248.6	96,100 *																75
80	61.4	242.4	74,000 *	65.8	246.5	89,000 *																80
85	59.0	239.5	68,000 *	63.6	244.0	80,700 *	66.2	245.9	90,500 *													85
90	56.5	236.2	62,700 *	61.2	241.4	73,700 *	63.9	243.5	82,000 *													90
95	54.0	232.7	58,100 *	58.9	238.4	67,700 *	61.6	240.9	74,800 *													95
100	51.5	228.8	54,000 *	56.4	235.2	62,500 *	59.2	238.0	68,700 *													100
105	48.8	224.6	50,400 *	53.9	231.6	57,900 *	56.8	234.8	63,300 *	61.4	238.4	67,400										105
110	46.0	219.9	47,100 *	51.3	227.7	53,900 *	54.3	231.3	58,600 *	59.0	235.5	63,500										110
115	43.0	214.7	44,200 *	48.6	223.5	50,200 *	51.7	227.5	54,500 *	56.6	232.2	60,000										115
120	39.9	208.9	41,500 *	45.8	218.8	47,000 *	49.1	223.2	50,800 *	54.1	228.7	56,800										120
130	32.9	195.1	36,900 *	39.7	207.7	41,400 *	43.3	213.5	44,600 *	48.8	220.6	50,500 *	53.7	225.1	48,800							130
140	24.2	176.3	33,000 *	32.7	193.8	36,800 *	36.9	201.4	39,400 *	43.1	210.7	44,300 *	48.4	216.9	44,300							140
150	9.6	142.2	27,700 *	23.9	174.8	32,900 *	29.3	185.8	35,100 *	36.6	198.5	39,200 *	42.6	206.9	40,400	47.9	212.2	38,300				150
160				8.9	139.8	28,900 *	19.1	163.0	31,500 *	28.9	182.7	35,000 *	36.1	194.5	37,000	42.0	202.0	35,100	47.1	206.3	33,300	160
170										18.5	159.3	31,300 *	28.3	178.3	34,000	35.4	189.2	32,300	41.2	195.8	30,500	170
180													17.6	154.1	31,100 *	27.4	172.5	29,700	34.4	182.6	28,100	180
190																16.1	146.8	27,400	26.2	165.1	26,000	190
200																			13.9	136.9	24,000	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.7	265.2	100,700 *																			50
55	73.7	263.8	97,600 *																			55
60	71.7	262.2	94,500 *																			60
65	69.7	260.4	91,400 *																			65
70	67.6	258.4	88,500 *																			70
75	65.6	256.2	81,900 *	69.6	259.4	92,200 *																75
80	63.4	253.7	74,800 *	67.5	257.4	89,500 *																80
85	61.3	251.0	68,600 *	65.5	255.2	81,600 *	67.9	256.8	89,500 *													85
90	59.1	248.1	63,300 *	63.3	252.7	74,500 *	65.8	254.6	82,800 *													90
95	56.8	244.9	58,600 *	61.2	250.0	68,400 *	63.7	252.2	75,500 *													95
100	54.5	241.4	54,500 *	58.9	247.1	63,100 *	61.5	249.5	69,300 *													100
105	52.1	237.6	50,800 *	56.7	243.9	58,400 *	59.3	246.6	63,900 *													105
110	49.6	233.5	47,500 *	54.3	240.4	54,300 *	57.0	243.5	59,100 *	61.3	247.0	63,100										110
115	47.0	229.0	44,500 *	51.9	236.6	50,600 *	54.7	240.0	54,900 *	59.1	244.1	59,500										115
120	44.3	224.0	41,800 *	49.5	232.4	47,400 *	52.3	236.3	51,200 *	56.8	240.9	56,400										120
130	38.5	212.4	37,100 *	44.2	222.8	41,700 *	47.3	227.7	44,900 *	52.1	233.7	50,800	56.5	237.4	48,300							130
140	31.7	197.9	33,200 *	38.3	211.2	37,100 *	41.8	217.3	39,700 *	47.0	225.0	44,600 *	51.8	230.0	43,800							140
150	23.3	178.4	29,800 *	31.6	196.7	33,100 *	35.6	204.6	35,300 *	41.5	214.6	39,500 *	46.7	221.3	39,900	51.3	225.4	37,800				150
160	9.3	143.0	23,700 *	23.1	176.9	29,700 *	28.3	188.3	31,600 *	35.3	201.7	35,200 *	41.1	210.7	36,500	46.1	216.4	34,600				160
170				8.6	140.5	24,800 *	18.5	164.6	28,500 *	27.9	185.2	31,500 *	34.8	197.7	33,600	40.5	205.7	31,800	45.4	210.5	30,100	170
180										17.9	160.9	28,300 *	27.3	180.7	31,000	34.2	192.3	29,300	39.7	199.4	27,700	180
190													17.0	155.5	28,200 *	26.5	174.9	27,000	33.2	185.6	25,500	190
200																15.6	148.2	25,000	25.2	167.4	23,600	200
210																			13.4	138.0	21,800	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.8	274.2	91,400 *																			55
60	72.9	272.7	88,600 *																			60
65	71.0	271.0	85,900 *																			65
70	69.1	269.2	83,100 *																			70
75	67.2	267.1	80,500 *	70.9	270.1	86,300 *																75
80	65.2	264.9	74,200 *	69.0	268.2	83,800 *																80
85	63.2	262.4	68,100 *	67.1	266.1	81,100 *																85
90	61.2	259.7	62,800 *	65.1	263.9	74,000 *	67.4	265.5	81,400 *													90
95	59.1	256.8	58,100 *	63.1	261.4	67,900 *	65.4	263.3	75,000 *													95
100	57.0	253.6	53,900 *	61.1	258.7	62,500 *	63.4	260.9	68,800 *													100
105	54.8	250.2	50,300 *	59.0	255.7	57,900 *	61.4	258.2	63,400 *													105
110	52.6	246.4	47,000 *	56.9	252.6	53,800 *	59.3	255.3	58,600 *													110
115	50.3	242.4	44,000 *	54.7	249.1	50,100 *	57.2	252.2	54,400 *	61.2	255.7	59,000										115
120	47.9	238.0	41,300 *	52.5	245.4	46,800 *	55.1	248.7	50,700 *	59.1	252.8	55,900										120
130	42.8	227.9	36,600 *	47.8	236.9	41,200 *	50.5	241.0	44,300 *	54.9	246.2	50,300										130
140	37.2	215.8	32,700 *	42.7	226.8	36,500 *	45.7	231.9	39,100 *	50.3	238.4	44,100 *	54.5	242.6	43,200							140
150	30.7	200.7	29,300 *	37.0	214.6	32,600 *	40.4	221.0	34,800 *	45.5	229.2	38,900 *	50.0	234.7	39,400							150
160	22.6	180.3	26,300 *	30.5	199.4	29,200 *	34.4	207.7	31,100 *	40.1	218.2	34,600 *	45.1	225.5	36,000	49.5	230.0	34,100				160
170	9.0	143.8	20,900 *	22.3	178.8	26,300 *	27.4	190.7	28,000 *	34.1	204.8	31,000 *	39.7	214.3	33,100	44.6	220.6	31,300				170
180				8.3	141.2	22,000 *	17.8	166.1	25,200 *	27.0	187.5	27,800 *	33.7	200.7	30,500	39.2	209.2	28,800	43.9	214.5	27,100	180
190										17.3	162.4	25,100 *	26.4	183.1	27,600 *	33.0	195.3	26,600	38.4	202.9	25,000	190
200													16.4	157.0	24,900 *	25.6	177.1	24,600	32.1	188.5	23,100	200
210																15.0	149.5	22,700	24.4	169.5	21,400	210
220																			12.9	139.1	19,800	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.7	284.6	84,700 *																			55
60	73.9	283.2	82,200 *																			60
65	72.2	281.6	79,700 *																			65
70	70.4	279.9	77,300 *																			70
75	68.6	277.9	74,900 *																			75
80	66.8	275.8	72,500 *	70.3	278.9	77,700 *																80
85	64.9	273.6	68,500 *	68.5	277.0	75,500 *																85
90	63.0	271.1	63,100 *	66.7	274.9	73,000 *																90
95	61.1	268.4	58,300 *	64.8	272.6	68,300 *	67.0	274.3	73,100 *													95
100	59.2	265.4	54,100 *	62.9	270.1	62,900 *	65.1	272.0	69,200 *													100
105	57.2	262.3	50,400 *	61.0	267.3	58,100 *	63.2	269.5	63,700 *													105
110	55.1	258.9	47,000 *	59.1	264.4	53,900 *	61.3	266.9	58,900 *													110
115	53.0	255.2	44,000 *	57.1	261.2	50,200 *	59.4	264.0	54,600 *													115
120	50.9	251.2	41,300 *	55.0	257.8	46,900 *	57.4	260.8	50,800 *	61.1	264.4	55,600										120
130	46.4	242.3	36,500 *	50.8	250.1	41,200 *	53.3	253.8	44,400 *	57.2	258.3	50,000										130
140	41.5	231.7	32,500 *	46.2	241.2	36,400 *	48.9	245.6	39,100 *	53.1	251.2	44,100 *	56.9	254.8	43,000							140
150	36.0	219.1	29,100 *	41.3	230.6	32,500 *	44.2	236.0	34,700 *	48.7	243.0	38,900 *	52.8	247.6	39,100							150
160	29.7	203.3	26,200 *	35.9	217.8	29,100 *	39.1	224.6	31,000 *	44.0	233.3	34,500 *	48.4	239.3	35,800	52.4	243.0	33,800				160
170	21.9	182.3	23,600 *	29.6	202.0	26,100 *	33.4	210.7	27,800 *	38.9	221.8	30,800 *	43.7	229.5	32,800	47.9	234.5	31,000				170
180	8.7	144.5	18,600 *	21.6	180.7	23,500 *	26.5	193.1	25,000 *	33.1	207.8	27,700 *	38.5	217.8	30,200	43.2	224.6	28,500	47.3	228.6	26,800	180
190				8.1	141.8	19,600 *	17.3	167.6	22,600 *	26.2	189.9	24,900 *	32.6	203.6	27,500 *	37.9	212.7	26,300	42.5	218.4	24,700	190
200										16.7	163.8	22,500 *	25.6	185.3	24,700 *	32.0	198.2	24,300	37.2	206.3	22,800	200
210													15.9	158.3	22,300 *	24.8	179.3	22,500	31.1	191.3	21,100	210
220																14.6	150.7	20,900	23.7	171.6	19,600	220
230																			12.5	140.2	18,100	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.9	293.6	77,100 *																			60
65	73.2	292.1	74,900 *																			65
70	71.5	290.5	72,600 *																			70
75	69.8	288.7	70,400 *																			75
80	68.1	286.7	67,700 *																			80
85	66.4	284.6	64,900 *	69.8	287.7	70,800 *																85
90	64.6	282.2	62,200 *	68.0	285.7	68,000 *																90
95	62.9	279.7	57,800 *	66.3	283.6	65,300 *																95
100	61.1	277.0	53,600 *	64.6	281.2	62,300 *	66.6	283.0	65,500 *													100
105	59.2	274.1	49,800 *	62.8	278.7	57,600 *	64.8	280.7	63,000 *													105
110	57.3	271.0	46,500 *	61.0	276.0	53,400 *	63.1	278.2	58,300 *													110
115	55.4	267.6	43,500 *	59.1	273.1	49,700 *	61.3	275.5	54,100 *													115
120	53.4	264.0	40,700 *	57.2	269.9	46,400 *	59.4	272.6	50,300 *	62.9	275.7	55,100										120
130	49.3	255.9	36,000 *	53.3	262.9	40,600 *	55.6	266.2	43,800 *	59.2	270.1	49,500										130
140	45.0	246.4	32,000 *	49.2	254.8	35,900 *	51.7	258.7	38,600 *	55.4	263.6	43,600 *										140
150	40.2	235.4	28,600 *	44.9	245.3	31,900 *	47.4	250.0	34,200 *	51.5	256.1	38,400 *	55.2	260.1	38,600							150
160	35.0	222.2	25,600 *	40.1	234.2	28,500 *	42.9	239.9	30,400 *	47.2	247.4	34,000 *	51.2	252.5	35,300							160
170	28.9	205.9	23,100 *	34.8	221.0	25,600 *	38.0	228.0	27,200 *	42.7	237.2	30,300 *	46.9	243.6	32,300	50.8	247.8	30,500				170
180	21.2	184.1	20,800 *	28.7	204.6	23,000 *	32.4	213.6	24,500 *	37.7	225.2	27,100 *	42.4	233.4	29,800	46.5	238.8	28,000				180
190	8.4	145.2	16,300 *	21.0	182.6	20,800 *	25.7	195.3	22,000 *	32.1	210.7	24,400 *	37.4	221.2	26,900 *	41.9	228.4	25,800	45.9	232.9	24,200	190
200				7.8	142.5	17,200 *	16.8	169.1	19,900 *	25.4	192.1	22,000 *	31.7	206.5	24,200 *	36.8	216.0	23,800	41.2	222.2	22,300	200
210										16.3	165.3	19,800 *	24.9	187.5	21,800 *	31.1	200.9	22,100	36.1	209.5	20,600	210
220													15.4	159.7	19,700 *	24.1	181.5	20,400	30.2	194.0	19,100	220
230																14.2	151.9	18,900	23.0	173.6	17,700	230
240																			12.2	141.3	16,300	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.7	303.9	71,400 *																			60
65	74.1	302.5	70,500 *																			65
70	72.5	301.0	68,300 *																			70
75	70.9	299.3	65,800 *																			75
80	69.3	297.5	63,300 *																			80
85	67.7	295.5	60,800 *	70.9	298.3	65,800 *																85
90	66.1	293.3	58,300 *	69.3	296.5	63,500 *																90
95	64.4	290.9	55,700 *	67.6	294.5	61,000 *																95
100	62.7	288.4	53,100 *	66.0	292.3	58,600 *	67.9	293.9	61,100 *													100
105	61.0	285.7	49,300 *	64.3	289.9	56,100 *	66.3	291.7	58,700 *													105
110	59.3	282.8	46,000 *	62.6	287.4	52,900 *	64.6	289.4	56,300 *													110
115	57.5	279.6	43,000 *	60.9	284.7	49,200 *	62.9	286.9	53,600 *													115
120	55.7	276.3	40,200 *	59.2	281.7	45,900 *	61.2	284.2	49,800 *													120
130	51.9	268.9	35,500 *	55.6	275.2	40,100 *	57.7	278.2	43,300 *	61.0	281.7	49,100										130
140	47.9	260.3	31,500 *	51.8	267.8	35,400 *	54.0	271.3	38,100 *	57.5	275.6	43,100 *										140
150	43.7	250.5	28,100 *	47.8	259.2	31,400 *	50.2	263.4	33,700 *	53.8	268.7	37,900 *	57.3	272.1	38,100							150
160	39.1	239.0	25,100 *	43.6	249.3	28,000 *	46.1	254.3	29,900 *	50.0	260.8	33,500 *	53.6	265.1	34,800							160
170	34.0	225.3	22,600 *	39.0	237.8	25,100 *	41.7	243.8	26,800 *	45.9	251.6	29,800 *	49.7	257.1	31,900							170
180	28.1	208.4	20,300 *	33.9	224.0	22,500 *	36.9	231.4	24,000 *	41.5	241.0	26,600 *	45.6	247.9	29,300	49.3	252.4	27,500				180
190	20.6	185.9	18,300 *	27.9	207.1	20,300 *	31.5	216.5	21,600 *	36.7	228.5	23,900 *	41.2	237.2	26,400 *	45.2	243.0	25,400				190
200	8.2	145.9	14,100 *	20.4	184.4	18,300 *	25.0	197.6	19,400 *	31.2	213.5	21,500 *	36.3	224.5	23,700 *	40.7	232.1	23,400	44.6	237.0	21,900	200
210				7.6	143.1	15,000 *	16.3	170.5	17,500 *	24.7	194.3	19,300 *	30.8	209.2	21,300 *	35.8	219.3	21,600	40.1	225.9	20,200	210
220										15.8	166.6	17,400 *	24.2	189.7	19,200 *	30.2	203.6	20,000	35.1	212.7	18,700	220
230													15.0	161.0	17,300 *	23.4	183.5	18,600	29.4	196.6	17,300	230
240																13.8	153.1	17,200 *	22.3	175.6	16,000	240
250																			11.8	142.3	14,700	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

110 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.9	312.9	63,900 *																			65
70	73.4	311.5	63,200 *																			70
75	71.9	309.9	61,200 *																			75
80	70.4	308.1	58,800 *																			80
85	68.9	306.2	56,300 *																			85
90	67.3	304.2	53,900 *																			90
95	65.8	302.0	51,400 *																			95
100	64.2	299.6	49,000 *																			100
105	62.6	297.1	46,600 *																			105
110	60.9	294.3	44,300 *																			110
115	59.3	291.4	42,100 *																			115
120	57.6	288.3	39,700 *																			120
130	54.1	281.4	34,900 *																			130
140	50.5	273.6	30,900 *																			140
150	46.6	264.7	27,500 *																			150
160	42.5	254.4	24,600 *																			160
170	38.1	242.4	22,000 *																			170
180	33.1	228.3	19,800 *																			180
190	27.3	210.9	17,800 *																			190
200	20.1	187.7	16,000 *																			200
210	8.0	146.6	12,200 *																			210
220																						220
230																						230
240																						240
250																						250
260																						260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	67.6	194.3	165,800 *b																			40
45	63.0	191.9	154,200 *b																			45
50	58.3	189.0	139,400 *b	68.1	193.7	163,600 *b																50
55	53.3	185.5	121,600 *	63.6	191.3	153,600 *b																55
60	47.9	181.2	107,600 *	58.9	188.4	142,100 *b	64.8	191.0	146,500 b													60
65	42.0	176.0	96,300 *	53.9	185.0	123,600 *	60.2	188.2	132,300 b													65
70	35.3	169.5	87,000 *	48.6	180.8	109,200 *	55.3	184.9	120,400 b													70
75	27.1	160.9	79,200 *	42.8	175.7	97,600 *	50.0	181.0	110,400	60.5	186.0	105,700 b										75
80	15.2	147.2	72,500 *	36.2	169.4	88,100 *	44.4	176.2	100,500 *	55.6	182.8	97,500 b										80
85				28.2	161.2	80,200 *	38.0	170.2	90,500 *	50.4	178.9	90,400										85
90				17.1	148.6	73,400 *	30.5	162.6	82,200 *	44.8	174.2	84,200	55.8	179.6	80,500 b							90
95							20.6	151.6	75,100 *	38.5	168.3	78,700	50.6	175.7	75,300							95
100										31.2	160.9	73,800	45.0	171.0	70,600							100
105										21.6	150.3	69,400	38.7	165.2	66,400	50.4	171.3	63,500				105
110													31.4	157.8	62,700	44.7	166.6	59,900				110
115													21.9	147.3	59,200	38.4	160.7	56,600				115
120																31.1	153.3	53,600	44.0	160.9	51,200	120
130																30.1	147.2	46,200	30.1	147.2	46,200	130



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	70.5	205.1	160,100 *b																			40
45	66.6	203.1	150,100 *b																			45
50	62.7	200.6	138,900 *b	71.0	204.4	158,200 *b																50
55	58.5	197.7	122,300 *	67.1	202.4	148,900 *b																55
60	54.1	194.2	108,200 *	63.2	200.0	139,500 *b																60
65	49.5	190.2	96,800 *	59.0	197.1	124,400 *	64.2	199.6	131,800 b													65
70	44.6	185.4	87,400 *	54.7	193.7	109,800 *	60.1	196.9	120,000													70
75	39.1	179.6	79,600 *	50.1	189.8	98,100 *	55.9	193.7	110,000													75
80	32.9	172.5	72,900 *	45.2	185.0	88,500 *	51.4	189.8	101,000 *	60.5	194.7	97,000										80
85	25.3	163.1	67,100 *	39.8	179.4	80,500 *	46.5	185.4	90,900 *	56.2	191.5	89,900										85
90	14.1	148.4	62,000 *	33.7	172.5	73,700 *	41.3	180.0	82,500 *	51.7	187.7	83,700										90
95				26.3	163.5	67,800 *	35.4	173.5	75,400 *	46.9	183.3	78,300	56.3	188.3	74,800							95
100				15.9	149.9	62,700 *	28.4	165.1	69,300 *	41.7	178.0	73,400	51.8	184.5	70,100							100
105							19.2	153.3	64,000 *	35.9	171.6	69,100	47.1	180.1	66,000							105
110										29.0	163.4	65,100	41.9	174.9	62,200	51.7	180.2	59,300				110
115										20.1	152.0	61,500	36.1	168.5	58,800	46.9	175.7	56,100				115
120													29.2	160.4	55,700	41.7	170.4	53,100				120
130																29.0	155.8	47,900	41.0	164.7	45,700	130
140																			28.0	149.7	41,500	140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Oper. Rad. Feet
38	74.1	216.3	158,500 *b																			38
40	72.8	215.7	154,600 *b																			40
45	69.4	213.9	145,400 *b																			45
50	65.9	211.8	136,000 *b																			50
55	62.4	209.3	122,900 *	69.8	213.2	144,300 *b																55
60	58.7	206.3	108,600 *	66.4	211.1	136,400 *b																60
65	54.8	203.0	97,100 *	62.8	208.6	124,900 *	67.3	210.7	131,400 b													65
70	50.8	199.0	87,700 *	59.1	205.8	110,300 *	63.8	208.3	119,600													70
75	46.5	194.5	79,800 *	55.3	202.5	98,500 *	60.1	205.6	109,600													75
80	41.9	189.2	73,000 *	51.3	198.6	88,800 *	56.3	202.4	101,100													80
85	36.7	182.9	67,200 *	47.0	194.2	80,700 *	52.4	198.7	91,200 *	60.4	203.4	89,500										85
90	30.9	175.2	62,200 *	42.5	189.0	73,900 *	48.2	194.4	82,800 *	56.6	200.2	83,300										90
95	23.7	165.2	57,700 *	37.4	182.8	68,000 *	43.7	189.4	75,600 *	52.7	196.5	77,900										95
100	13.2	149.5	53,800 *	31.7	175.3	62,800 *	38.8	183.5	69,500 *	48.5	192.3	73,100	56.7	197.0	69,700							100
105				24.7	165.7	58,300 *	33.3	176.5	64,100 *	44.1	187.4	68,700	52.8	193.3	65,500							105
110				15.0	151.2	54,300 *	26.7	167.5	59,500 *	39.2	181.6	64,800	48.6	189.1	61,800							110
115							18.1	154.9	55,300 *	33.7	174.6	61,300	44.2	184.2	58,400	52.7	189.0	55,600				115
120										27.3	165.9	58,100	39.3	178.5	55,400	48.5	184.8	52,700				120
130													27.5	162.8	50,000	39.1	174.0	47,600	48.0	179.2	45,200	130
140																27.2	158.2	43,200	38.5	168.2	41,100	140
150																			26.4	152.0	37,500	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
38	75.7	226.7	152,400 *b																			38
40	74.5	226.2	148,800 *b																			40
45	71.5	224.6	140,400 *b																			45
50	68.5	222.7	132,600 *b																			50
55	65.3	220.5	123,000 *																			55
60	62.1	217.9	108,700 *	68.9	222.0	132,200 *b																60
65	58.8	215.0	97,100 *	65.7	219.8	124,400 *																65
70	55.4	211.7	87,600 *	62.5	217.3	110,400 *	66.6	219.4	119,100													70
75	51.8	207.9	79,700 *	59.2	214.4	98,500 *	63.4	217.0	109,100													75
80	48.0	203.6	72,900 *	55.8	211.2	88,800 *	60.1	214.2	100,600													80
85	43.9	198.6	67,100 *	52.2	207.4	80,600 *	56.7	211.1	91,200 *													85
90	39.6	192.8	62,000 *	48.5	203.2	73,700 *	53.2	207.4	82,700 *	60.4	212.0	82,800										90
95	34.7	186.1	57,600 *	44.5	198.3	67,800 *	49.5	203.3	75,500 *	57.0	208.9	77,400										95
100	29.2	177.8	53,600 *	40.1	192.7	62,700 *	45.5	198.6	69,300 *	53.5	205.3	72,600										100
105	22.5	167.2	50,100 *	35.4	186.0	58,100 *	41.3	193.2	64,000 *	49.8	201.3	68,300	57.1	205.7	65,000							105
110	12.5	150.6	46,900 *	30.0	178.0	54,100 *	36.7	186.9	59,300 *	45.9	196.6	64,400	53.6	202.1	61,300							110
115				23.4	167.7	50,600 *	31.5	179.3	55,200 *	41.7	191.2	60,900	49.9	198.1	57,900							115
120				14.2	152.4	47,300 *	25.3	169.7	51,500 *	37.1	185.0	57,700	46.0	193.4	54,900							120
130										25.8	168.2	51,800 *	37.2	181.9	49,500	45.8	189.0	47,000				130
140													26.0	165.1	45,000	37.0	177.4	42,700	45.3	183.4	40,500	140
150																25.8	160.5	39,000	36.4	171.6	36,900	150
160																			24.9	154.2	33,800	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	76.0	236.5	140,800 *b																			40
45	73.3	235.1	134,500 *b																			45
50	70.5	233.4	127,400 *																			50
55	67.7	231.4	120,300 *																			55
60	64.9	229.2	111,900 *	70.9	232.7	127,000 *																60
65	61.9	226.6	99,900 *	68.1	230.7	120,900 *																65
70	58.9	223.7	90,100 *	65.2	228.5	113,600 *																70
75	55.8	220.4	81,900 *	62.3	226.0	101,300 *	66.0	228.1	108,600													75
80	52.6	216.7	74,900 *	59.3	223.1	91,300 *	63.1	225.7	100,100													80
85	49.2	212.5	68,900 *	56.2	219.9	82,800 *	60.1	222.9	92,800													85
90	45.6	207.8	63,600 *	53.0	216.2	75,700 *	57.0	219.7	84,900 *													90
95	41.8	202.4	59,100 *	49.6	212.1	69,600 *	53.8	216.2	77,500 *	60.3	220.7	76,900										95
100	37.6	196.3	55,000 *	46.0	207.5	64,300 *	50.5	212.2	71,100 *	57.3	217.6	72,100										100
105	33.1	189.0	51,400 *	42.3	202.2	59,600 *	47.0	207.7	65,600 *	54.1	214.1	67,800										105
110	27.8	180.3	48,200 *	38.2	196.1	55,500 *	43.3	202.6	60,800 *	50.8	210.1	63,900	57.3	214.3	60,800							110
115	21.4	169.0	45,200 *	33.7	189.1	51,900 *	39.3	196.8	56,600 *	47.3	205.7	60,400	54.2	210.9	57,400							115
120	11.9	151.6	40,700 *	28.5	180.5	48,600 *	34.9	190.0	52,800 *	43.6	200.6	57,200	50.9	206.9	54,400							120
130				13.5	153.5	42,900 *	24.1	171.9	46,400 *	35.3	188.2	51,700	43.7	197.5	49,100	50.7	202.6	46,500				130
140										24.6	170.3	46,600 *	35.4	185.1	44,500	43.5	193.1	42,200				140
150													24.8	167.3	40,600	35.2	180.6	38,500	43.1	187.4	36,500	150
160																24.5	162.7	35,300	34.7	174.7	33,400	160
170																			23.7	156.3	30,700	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.7	245.5	125,900 *b																			45
50	72.2	244.0	121,100 *																			50
55	69.7	242.2	116,700 *																			55
60	67.1	240.2	110,000 *																			60
65	64.5	237.9	99,600 *	70.0	241.5	117,000 *																65
70	61.8	235.2	89,800 *	67.4	239.5	111,200 *																70
75	59.0	232.3	81,500 *	64.8	237.2	101,000 *																75
80	56.2	229.1	74,500 *	62.1	234.6	90,900 *	65.5	236.8	99,600													80
85	53.2	225.5	68,500 *	59.4	231.8	82,500 *	62.8	234.3	92,300													85
90	50.1	221.4	63,300 *	56.5	228.6	75,400 *	60.1	231.5	84,600 *													90
95	46.9	216.9	58,700 *	53.6	225.0	69,200 *	57.3	228.4	77,200 *	63.0	232.1	76,300										95
100	43.5	211.8	54,600 *	50.5	221.0	63,900 *	54.4	224.9	70,800 *	60.3	229.3	71,500										100
105	39.9	206.1	51,000 *	47.3	216.5	59,200 *	51.3	221.1	65,300 *	57.5	226.3	67,300										105
110	36.0	199.5	47,700 *	44.0	211.5	55,100 *	48.2	216.8	60,400 *	54.6	222.8	63,400										110
115	31.6	191.9	44,800 *	40.4	205.9	51,400 *	44.9	211.9	56,200 *	51.6	219.0	59,900	57.6	223.0	56,900							115
120	26.6	182.7	42,200 *	36.5	199.5	48,200 *	41.3	206.4	52,400 *	48.4	214.7	56,700	54.7	219.6	53,800							120
130	11.4	152.5	35,900 *	27.2	183.0	42,500 *	33.3	193.0	46,000 *	41.6	204.5	51,200	48.5	211.5	48,500							130
140				12.9	154.6	37,800 *	23.0	173.9	40,700 *	33.7	191.2	46,200 *	41.7	201.3	44,100	48.4	207.1	41,700				140
150										23.5	172.4	40,900 *	33.8	188.1	40,200	41.6	196.9	38,000	48.0	201.6	35,900	150
160													23.7	169.4	36,800	33.6	183.6	34,800	41.1	191.2	32,800	160
170																23.4	164.7	32,000	33.1	177.7	30,200	170
180																			22.7	158.3	27,800	180



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

120 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.9	255.9	116,400 *																			45
50	73.6	254.5	112,300 *																			50
55	71.3	252.9	108,300 *																			55
60	68.9	251.0	104,500 *																			60
65	66.6	248.9	100,400 *																			65
70	64.1	246.5	90,400 *	69.2	250.3	106,300 *																70
75	61.6	243.9	82,000 *	66.9	248.2	101,900 *																75
80	59.1	241.0	74,900 *	64.4	245.9	91,600 *	67.5	247.8	99,400													80
85	56.5	237.8	68,800 *	61.9	243.3	83,000 *	65.1	245.5	92,000													85
90	53.8	234.2	63,500 *	59.4	240.4	75,800 *	62.6	243.0	84,600 *													90
95	51.0	230.3	58,800 *	56.8	237.2	69,600 *	60.1	240.2	77,100 *													95
100	48.0	225.9	54,700 *	54.1	233.7	64,200 *	57.5	237.1	70,700 *	62.8	240.8	71,300										100
105	45.0	221.1	51,100 *	51.3	229.8	59,400 *	54.8	233.7	65,100 *	60.3	238.0	67,000										105
110	41.7	215.7	47,800 *	48.4	225.5	55,300 *	52.1	229.9	60,300 *	57.7	234.9	63,100										110
115	38.2	209.6	44,900 *	45.4	220.8	51,600 *	49.2	225.7	56,000 *	55.0	231.5	59,700										115
120	34.5	202.7	42,200 *	42.1	215.4	48,200 *	46.2	221.1	52,300 *	52.3	227.8	56,500	57.8	231.7	53,600							120
130	25.5	184.9	37,500 *	35.0	202.6	42,500 *	39.6	210.1	45,800 *	46.4	219.0	51,000	52.3	224.6	48,300							130
140	10.9	153.4	32,000 *	26.1	185.3	37,800 *	32.0	195.9	40,600 *	39.9	208.1	46,300 *	46.5	215.8	43,800	52.2	220.2	41,400				140
150				12.3	155.7	33,800 *	22.1	175.8	36,200 *	32.3	194.1	40,900 *	40.0	205.0	40,000	46.4	211.4	37,800				150
160										22.5	174.4	36,500 *	32.4	191.0	36,600	39.9	200.6	34,600	46.0	205.8	32,600	160
170													22.7	171.4	33,700	32.3	186.5	31,800	39.4	194.8	29,900	170
180																22.5	166.7	29,300	31.8	180.5	27,600	180
190																			21.8	160.2	25,500	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.8	264.9	105,000 *																			50
55	72.7	263.4	101,500 *																			55
60	70.5	261.7	97,900 *																			60
65	68.3	259.8	94,600 *																			65
70	66.1	257.6	90,000 *	70.8	261.0	99,300 *																70
75	63.8	255.2	81,600 *	68.6	259.1	96,300 *																75
80	61.5	252.6	74,500 *	66.4	256.9	91,200 *																80
85	59.1	249.7	68,400 *	64.1	254.6	82,600 *	67.0	256.5	91,500													85
90	56.7	246.5	63,100 *	61.8	252.0	75,400 *	64.7	254.2	84,800 *													90
95	54.2	243.0	58,400 *	59.4	249.1	69,100 *	62.4	251.7	77,200 *													95
100	51.6	239.1	54,300 *	57.0	245.9	63,700 *	60.1	248.9	70,700 *													100
105	49.0	234.9	50,600 *	54.5	242.5	59,000 *	57.7	245.8	65,100 *	62.6	249.4	66,500										105
110	46.2	230.2	47,300 *	52.0	238.7	54,800 *	55.2	242.4	60,200 *	60.3	246.7	62,600										110
115	43.2	225.1	44,400 *	49.3	234.5	51,100 *	52.7	238.7	55,900 *	57.9	243.6	59,200										115
120	40.1	219.3	41,700 *	46.5	229.9	47,800 *	50.0	234.6	52,100 *	55.4	240.2	56,000										120
130	33.2	205.6	37,100 *	40.5	219.1	42,100 *	44.4	225.2	45,600 *	50.2	232.5	50,500	55.5	237.0	47,700							130
140	24.5	187.1	33,100 *	33.6	205.6	37,300 *	38.1	213.5	40,200 *	44.6	223.1	45,800 *	50.3	229.3	43,300							140
150	10.5	154.3	28,300 *	25.1	187.5	33,400 *	30.8	198.7	35,800 *	38.4	211.6	40,500 *	44.7	220.0	39,500	50.2	225.0	37,200				150
160				11.9	156.7	29,900 *	21.2	177.7	32,100 *	31.1	196.9	36,000 *	38.5	208.5	36,200	44.6	215.6	34,100				160
170										21.7	176.3	32,200 *	31.2	193.8	33,300	38.3	204.0	31,300	44.2	209.9	29,400	170
180													21.8	173.3	30,600	31.0	189.3	28,800	37.9	198.2	27,100	180
190																21.6	168.6	26,600	30.6	183.3	25,000	190
200																			20.9	162.0	23,100	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.9	275.3	99,800 *																			50
55	73.9	273.9	96,800 *																			55
60	71.9	272.3	93,800 *																			60
65	69.8	270.5	90,900 *																			65
70	67.8	268.5	88,100 *																			70
75	65.7	266.3	82,400 *	70.1	269.8	92,000 *																75
80	63.6	263.9	75,200 *	68.0	267.8	89,500 *																80
85	61.4	261.2	69,000 *	66.0	265.6	83,500 *																85
90	59.2	258.3	63,600 *	63.8	263.3	76,100 *	66.5	265.2	84,700													90
95	56.9	255.1	58,900 *	61.7	260.6	69,800 *	64.4	262.9	77,900 *													95
100	54.6	251.7	54,700 *	59.5	257.7	64,300 *	62.3	260.3	71,400 *													100
105	52.2	247.9	51,000 *	57.2	254.6	59,500 *	60.1	257.5	65,700 *													105
110	49.8	243.8	47,700 *	54.9	251.2	55,300 *	57.8	254.4	60,700 *	62.4	258.1	62,100										110
115	47.2	239.3	44,700 *	52.5	247.4	51,500 *	55.5	251.1	56,400 *	60.2	255.3	58,700										115
120	44.5	234.3	42,000 *	50.1	243.4	48,100 *	53.2	247.4	52,500 *	58.0	252.3	55,500										120
130	38.7	222.9	37,300 *	44.8	234.0	42,400 *	48.2	239.1	45,900 *	53.4	245.3	50,000										130
140	32.0	208.5	33,300 *	39.1	222.7	37,600 *	42.8	229.1	40,500 *	48.4	237.0	45,400	53.4	242.1	42,800							140
150	23.7	189.2	29,900 *	32.4	208.6	33,600 *	36.8	216.9	36,000 *	43.0	227.1	40,700 *	48.5	233.8	39,000							150
160	10.1	155.2	24,300 *	24.3	189.6	30,100 *	29.7	201.3	32,200 *	37.0	215.0	36,200 *	43.1	223.9	35,700	48.4	229.5	33,600				160
170				11.4	157.7	26,200 *	20.5	179.5	29,000 *	30.0	199.6	32,400 *	37.1	211.9	32,800	43.0	219.5	30,800				170
180										20.9	178.1	29,100 *	30.1	196.5	30,200	37.0	207.4	28,400	42.6	213.9	26,600	180
190													21.1	175.1	27,900	29.9	192.0	26,200	36.6	201.6	24,500	190
200																20.9	170.4	24,200	29.5	185.9	22,600	200
210																			20.2	163.8	20,900	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.9	284.3	89,300 *																			55
60	73.0	282.8	86,700 *																			60
65	71.2	281.1	84,100 *																			65
70	69.2	279.3	81,500 *																			70
75	67.3	277.3	79,000 *																			75
80	65.4	275.0	75,500 *	69.5	278.6	82,600 *																80
85	63.4	272.6	69,200 *	67.6	276.6	80,300 *																85
90	61.3	269.9	63,700 *	65.6	274.4	76,400 *																90
95	59.3	267.0	58,900 *	63.6	271.9	70,000 *	66.1	273.9	78,300 *													95
100	57.1	263.8	54,700 *	61.6	269.3	64,400 *	64.1	271.6	71,600 *													100
105	55.0	260.4	50,900 *	59.5	266.4	59,500 *	62.1	269.0	65,800 *													105
110	52.7	256.7	47,500 *	57.4	263.3	55,200 *	60.1	266.2	60,800 *													110
115	50.4	252.7	44,500 *	55.2	259.9	51,400 *	58.0	263.1	56,300 *	62.3	266.8	58,200										115
120	48.1	248.3	41,800 *	53.0	256.2	48,000 *	55.8	259.8	52,400 *	60.2	264.0	55,000										120
130	43.0	238.3	37,000 *	48.4	247.9	42,100 *	51.3	252.3	45,700 *	56.0	257.6	49,500										130
140	37.4	226.3	33,000 *	43.3	238.0	37,300 *	46.6	243.4	40,200 *	51.5	250.2	44,900	56.0	254.4	42,300							140
150	30.9	211.3	29,500 *	37.8	226.1	33,200 *	41.4	232.9	35,700 *	46.7	241.4	40,500 *	51.6	247.0	38,500							150
160	22.9	191.2	26,600 *	31.4	211.4	29,800 *	35.5	220.1	31,900 *	41.6	230.9	35,900 *	46.8	238.2	35,200	51.5	242.6	33,000				160
170	9.8	156.0	21,500 *	23.5	191.7	26,800 *	28.7	203.9	28,600 *	35.8	218.2	32,100 *	41.6	227.8	32,300	46.7	233.8	30,300				170
180				11.1	158.6	23,200 *	19.8	181.2	25,800 *	29.0	202.2	28,800 *	35.9	215.1	29,800	41.5	223.4	27,800	46.4	228.2	26,000	180
190										20.2	179.9	25,900 *	29.1	199.1	27,500	35.7	210.6	25,700	41.2	217.6	23,900	190
200													20.4	176.9	25,400	29.0	194.6	23,700	35.4	204.8	22,100	200
210																20.2	172.2	22,000	28.5	188.4	20,400	210
220																			19.5	165.5	18,900	220



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

120 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.8	294.6	83,900 *																			55
60	74.1	293.3	81,500 *																			60
65	72.3	291.7	79,200 *																			65
70	70.5	290.0	76,900 *																			70
75	68.7	288.1	74,600 *																			75
80	66.9	286.0	72,300 *	70.7	289.2	77,600 *																80
85	65.0	283.7	68,900 *	68.9	287.4	75,500 *																85
90	63.2	281.2	63,400 *	67.1	285.3	73,300 *																90
95	61.2	278.6	58,600 *	65.3	283.1	69,700 *	67.6	284.9	73,500 *													95
100	59.3	275.6	54,400 *	63.4	280.6	64,100 *	65.8	282.7	71,100 *													100
105	57.3	272.5	50,600 *	61.5	277.9	59,200 *	63.9	280.3	65,500 *													105
110	55.3	269.1	47,200 *	59.5	275.1	54,900 *	62.0	277.7	60,500 *													110
115	53.2	265.5	44,200 *	57.6	272.0	51,100 *	60.1	274.8	56,000 *													115
120	51.0	261.5	41,500 *	55.5	268.6	47,700 *	58.1	271.8	52,100 *	62.1	275.4	54,700										120
130	46.5	252.6	36,700 *	51.3	261.1	41,800 *	54.0	264.9	45,400 *	58.2	269.6	49,200										130
140	41.6	242.1	32,700 *	46.8	252.3	37,000 *	49.7	257.0	39,900 *	54.2	262.8	44,600										140
150	36.2	229.6	29,200 *	42.0	241.9	32,900 *	45.1	247.6	35,400 *	49.9	254.9	40,200 *	54.2	259.6	38,200							150
160	30.0	214.0	26,300 *	36.6	229.5	29,400 *	40.1	236.6	31,600 *	45.3	245.6	35,600 *	49.9	251.7	34,900							160
170	22.2	193.1	23,700 *	30.4	214.1	26,500 *	34.4	223.2	28,300 *	40.3	234.6	31,700 *	45.3	242.4	32,000	49.8	247.3	30,000				170
180	9.5	156.8	19,100 *	22.7	193.7	23,800 *	27.8	206.4	25,500 *	34.7	221.4	28,400 *	40.3	231.5	29,500	45.2	238.0	27,600				180
190				10.7	159.5	20,700 *	19.2	182.9	23,000 *	28.1	204.7	25,600 *	34.7	218.2	27,200	40.2	227.0	25,400	45.0	232.4	23,700	190
200										19.6	181.6	23,100 *	28.2	201.6	25,200	34.6	213.8	23,500	39.9	221.3	21,800	200
210													19.8	178.7	23,100 *	28.1	197.1	21,700	34.3	207.9	20,200	210
220																19.6	173.9	20,100	27.6	190.9	18,700	220
230																			18.9	167.2	17,300	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.0	303.6	76,400 *																			60
65	73.3	302.2	74,300 *																			65
70	71.6	300.6	72,200 *																			70
75	70.0	298.8	70,100 *																			75
80	68.2	296.8	67,600 *																			80
85	66.5	294.7	64,900 *	70.2	298.1	70,700 *																85
90	64.8	292.4	62,200 *	68.5	296.1	68,300 *																90
95	63.0	289.9	58,100 *	66.7	294.0	65,700 *																95
100	61.2	287.2	53,900 *	65.0	291.8	63,200 *	67.2	293.6	66,000 *													100
105	59.3	284.3	50,100 *	63.2	289.3	58,700 *	65.5	291.4	63,600 *													105
110	57.5	281.2	46,700 *	61.4	286.6	54,400 *	63.7	288.9	59,900 *													110
115	55.5	277.8	43,700 *	59.6	283.7	50,600 *	61.9	286.3	55,500 *													115
120	53.6	274.2	40,900 *	57.7	280.6	47,100 *	60.1	283.5	51,500 *													120
130	49.5	266.2	36,100 *	53.8	273.7	41,300 *	56.3	277.2	44,900 *	60.2	281.3	48,700										130
140	45.1	256.8	32,100 *	49.8	265.7	36,400 *	52.4	269.9	39,400 *	56.4	275.0	44,100										140
150	40.4	245.8	28,700 *	45.4	256.5	32,400 *	48.2	261.5	34,900 *	52.5	267.8	39,600 *	56.5	271.8	37,700							150
160	35.2	232.7	25,700 *	40.7	245.6	28,900 *	43.7	251.7	31,000 *	48.4	259.4	35,100 *	52.6	264.6	34,400							160
170	29.1	216.6	23,100 *	35.5	232.7	25,900 *	38.9	240.1	27,800 *	43.9	249.6	31,200 *	48.4	256.2	31,500	52.5	260.2	29,400				170
180	21.5	195.0	20,900 *	29.5	216.7	23,300 *	33.4	226.2	24,900 *	39.1	238.2	27,900 *	44.0	246.5	29,000	48.3	251.8	27,000				180
190	9.2	157.6	16,700 *	22.1	195.7	21,000 *	27.0	208.8	22,500 *	33.6	224.4	25,100 *	39.1	235.0	26,800	43.9	242.1	24,900				190
200				10.4	160.4	18,200 *	18.7	184.5	20,300 *	27.3	207.1	22,600 *	33.7	221.3	24,700	39.0	230.6	23,000	43.6	236.4	21,300	200
210										19.0	183.3	20,400 *	27.4	204.0	22,600 *	33.6	216.8	21,300	38.7	224.8	19,700	210
220													19.2	180.3	20,400 *	27.2	199.5	19,700	33.3	210.9	18,200	220
230																19.0	175.6	18,200	26.8	193.3	16,800	230
240																			18.4	168.8	15,500	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.8	314.0	70,400 *																			60
65	74.2	312.6	69,700 *																			65
70	72.6	311.1	67,800 *																			70
75	71.1	309.4	65,500 *																			75
80	69.5	307.6	63,200 *																			80
85	67.8	305.6	60,700 *																			85
90	66.2	303.4	58,300 *	69.7	306.9	63,700 *																90
95	64.5	301.1	55,800 *	68.0	304.9	61,400 *																95
100	62.8	298.6	53,400 *	66.4	302.8	59,000 *																100
105	61.1	295.9	49,600 *	64.7	300.4	56,600 *	66.8	302.3	59,200 *													105
110	59.4	293.0	46,200 *	63.0	298.0	53,900 *	65.2	300.1	57,000 *													110
115	57.6	289.9	43,200 *	61.3	295.3	50,100 *	63.5	297.6	54,700 *													115
120	55.8	286.5	40,400 *	59.6	292.4	46,600 *	61.8	295.0	51,000 *													120
130	52.0	279.1	35,600 *	56.0	286.0	40,800 *	58.3	289.1	44,400 *	61.9	292.8	48,300										130
140	48.1	270.6	31,600 *	52.3	278.7	35,900 *	54.7	282.4	38,900 *	58.4	286.9	43,700										140
150	43.9	260.8	28,200 *	48.3	270.3	31,900 *	50.9	274.7	34,400 *	54.8	280.3	39,100 *										150
160	39.3	249.4	25,200 *	44.1	260.5	28,400 *	46.8	265.8	30,500 *	51.0	272.6	34,600 *	54.9	277.0	33,900							160
170	34.2	235.8	22,700 *	39.6	249.2	25,400 *	42.5	255.6	27,300 *	47.0	263.8	30,700 *	51.1	269.4	31,100							170
180	28.3	219.1	20,400 *	34.5	235.8	22,800 *	37.8	243.5	24,400 *	42.7	253.6	27,400 *	47.0	260.6	28,600	51.0	265.0	26,600				180
190	21.0	196.9	18,400 *	28.7	219.3	20,500 *	32.5	229.1	22,000 *	38.0	241.6	24,600 *	42.7	250.4	26,300	47.0	256.2	24,400				190
200	8.9	158.3	14,500 *	21.5	197.5	18,500 *	26.3	211.1	19,800 *	32.7	227.3	22,100 *	38.0	238.5	24,300	42.6	246.0	22,500	46.7	250.6	20,800	200
210				10.1	161.3	16,000 *	18.1	186.1	17,800 *	26.5	209.5	19,900 *	32.8	224.2	22,100 *	37.9	234.1	20,800	42.4	240.3	19,200	210
220										18.5	184.9	17,900 *	26.6	206.4	19,900 *	32.7	219.7	19,300	37.7	228.2	17,700	220
230													18.7	182.0	17,900 *	26.5	201.8	17,800	32.3	213.8	16,400	230
240																18.5	177.2	16,500	26.1	195.6	15,100	240
250																			17.9	170.3	14,000	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

120 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.0	323.0	63,000 *																			65
70	73.5	321.6	62,400 *																			70
75	72.0	320.0	60,900 *																			75
80	70.5	318.3	58,600 *																			80
85	69.0	316.4	56,300 *																			85
90	67.4	314.3	53,900 *	70.7	317.5	58,900 *																90
95	65.9	312.1	51,500 *	69.2	315.7	56,700 *																95
100	64.3	309.8	49,100 *	67.6	313.7	54,500 *																100
105	62.7	307.3	46,800 *	66.1	311.5	52,100 *																105
110	61.1	304.5	44,500 *	64.5	309.1	49,800 *	66.5	311.1	52,500 *													110
115	59.4	301.6	42,300 *	62.9	306.6	47,500 *	64.9	308.8	50,300 *													115
120	57.7	298.5	39,900 *	61.3	303.9	45,200 *	63.3	306.3	48,000 *													120
130	54.2	291.7	35,100 *	57.9	298.0	40,200 *	60.1	300.8	43,700 *													130
140	50.6	283.9	31,100 *	54.5	291.2	35,400 *	56.7	294.6	38,300 *	60.2	298.6	43,200										140
150	46.8	275.0	27,600 *	50.8	283.5	31,300 *	53.2	287.4	33,800 *	56.8	292.4	38,600 *										150
160	42.7	264.8	24,700 *	47.0	274.6	27,900 *	49.5	279.3	30,000 *	53.3	285.3	34,000 *	56.9	289.2	33,400							160
170	38.2	252.9	22,100 *	42.9	264.5	24,900 *	45.6	270.1	26,700 *	49.6	277.2	30,100 *	53.3	282.1	30,600							170
180	33.3	238.8	19,800 *	38.5	252.7	22,300 *	41.4	259.4	23,900 *	45.7	268.0	26,900 *	49.7	274.0	28,100							180
190	27.6	221.5	17,800 *	33.6	238.8	20,000 *	36.8	246.9	21,400 *	41.5	257.4	24,000 *	45.8	264.8	25,800	49.6	269.7	23,900				190
200	20.4	198.7	16,000 *	27.9	221.8	18,000 *	31.6	232.0	19,200 *	37.0	245.0	21,500 *	41.6	254.2	23,800	45.7	260.5	22,000				200
210	8.7	159.1	12,500 *	20.9	199.4	16,100 *	25.6	213.3	17,300 *	31.8	230.2	19,300 *	37.0	241.9	21,600 *	41.5	249.8	20,300	45.5	254.8	18,700	210
220				9.8	162.1	13,900 *	17.7	187.6	15,500 *	25.8	211.7	17,400 *	31.9	227.1	19,400 *	36.9	237.4	18,800	41.2	244.1	17,200	220
230										18.0	186.4	15,600 *	25.9	208.7	17,400 *	31.8	222.6	17,300	36.7	231.6	15,800	230
240													18.2	183.5	15,600 *	25.8	204.1	16,000	31.5	216.6	14,600	240
250																18.0	178.8	14,800	25.4	197.8	13,500	250
260																			17.4	171.8	12,400	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	67.9	204.5	165,500 *b																			40
45	63.4	202.1	153,500 *b																			45
50	58.6	199.2	140,900 *b																			50
55	53.6	195.7	122,700 *b	64.7	201.9	155,100 *b																55
60	48.3	191.5	108,500 *	60.1	199.1	143,700 *b	66.4	201.6	145,500 b													60
65	42.4	186.4	97,000 *	55.2	195.8	127,700 *b	61.8	199.1	131,400 b													65
70	35.8	180.0	87,600 *	49.9	191.8	112,400 *	57.0	196.0	119,600 b													70
75	27.7	171.6	79,700 *	44.2	187.0	100,300 *	51.9	192.3	109,600	63.0	197.2	104,600 b										75
80	16.3	158.5	73,000 *	37.9	181.0	90,300 *	46.4	187.8	101,100	58.2	194.2	96,500 b										80
85				30.4	173.4	82,000 *	40.3	182.3	93,700	53.2	190.7	89,400										85
90				20.4	162.3	74,900 *	33.3	175.4	84,900 *	47.8	186.4	83,300										90
95							24.5	165.9	77,400 *	41.9	181.2	77,900	54.2	187.8	74,200							95
100							9.7	148.5	71,000 *	35.1	174.6	73,000	48.9	183.7	69,600							100
105										27.0	166.0	68,700	43.1	178.7	65,500							105
110										14.9	152.1	64,700	36.5	172.5	61,700	49.5	179.7	58,700				110
115													28.7	164.3	58,300	43.8	174.8	55,500				115
120													17.9	152.1	55,200	37.4	168.8	52,600				120
130																19.5	149.5	47,400	37.6	163.6	45,100	130
140																20.0	144.6	40,900				140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	70.8	215.2	159,600 *b																			40
45	66.9	213.2	149,800 *b																			45
50	62.9	210.8	138,600 *b																			50
55	58.8	207.9	123,400 *	68.1	212.8	150,000 *b																55
60	54.5	204.5	109,100 *	64.1	210.5	140,700 *b																60
65	49.9	200.5	97,500 *	60.0	207.8	128,500 *b	65.6	210.3	130,900 b													65
70	44.9	195.7	88,000 *	55.8	204.5	113,100 *	61.6	207.8	119,100 b													70
75	39.5	190.0	80,100 *	51.3	200.7	100,800 *	57.4	204.7	109,200													75
80	33.3	183.0	73,300 *	46.4	196.2	90,700 *	53.0	201.1	100,700	62.6	205.8	95,900 b										80
85	25.9	173.9	67,500 *	41.2	190.8	82,300 *	48.3	196.8	93,400	58.4	202.9	88,900										85
90	15.2	159.8	62,400 *	35.3	184.2	75,300 *	43.2	191.8	85,300 *	54.1	199.4	82,800										90
95				28.3	175.9	69,200 *	37.5	185.7	77,800 *	49.5	195.4	77,400										95
100				19.0	163.9	63,900 *	31.0	178.1	71,300 *	44.5	190.5	72,600	54.9	196.6	69,000							100
105							22.9	167.9	65,800 *	39.0	184.7	68,300	50.4	192.6	64,900							105
110							9.0	149.2	60,800 *	32.7	177.6	64,400	45.5	188.0	61,200							110
115										25.1	168.2	60,900	40.1	182.4	57,900	51.0	188.6	54,900				115
120										13.8	153.3	57,600	34.0	175.5	54,900	46.1	184.1	52,000				120
130													16.7	153.5	49,400	34.8	171.9	47,000	46.3	178.8	44,500	130
140																18.2	151.1	42,600	35.1	166.8	40,400	140
150																			18.6	146.2	36,800	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Oper. Rad. Feet
40	73.0	225.8	153,700 *b																			40
45	69.6	224.0	144,900 *b																			45
50	66.2	221.9	135,400 *b																			50
55	62.6	219.4	124,000 *	70.6	223.6	145,000 *b																55
60	58.9	216.6	109,500 *	67.2	221.6	137,500 *b																60
65	55.1	213.2	97,900 *	63.7	219.2	128,200 *																65
70	51.1	209.3	88,300 *	60.0	216.4	113,600 *	65.0	219.0	118,700 b													70
75	46.8	204.8	80,300 *	56.3	213.2	101,200 *	61.4	216.4	108,800													75
80	42.2	199.6	73,500 *	52.3	209.5	91,000 *	57.7	213.4	100,300													80
85	37.1	193.4	67,600 *	48.1	205.2	82,600 *	53.8	209.9	93,000	62.3	214.5	88,500										85
90	31.3	185.8	62,500 *	43.6	200.2	75,400 *	49.7	205.8	85,500 *	58.6	211.6	82,400										90
95	24.3	176.0	58,000 *	38.7	194.4	69,300 *	45.3	201.1	78,000 *	54.8	208.2	77,000										95
100	14.2	161.0	54,000 *	33.1	187.2	64,000 *	40.6	195.5	71,500 *	50.7	204.2	72,200										100
105				26.6	178.2	59,400 *	35.3	188.9	65,900 *	46.4	199.7	67,900	55.5	205.3	64,500							105
110				17.9	165.5	55,200 *	29.2	180.7	61,000 *	41.8	194.4	64,100	51.5	201.5	60,800							110
115							21.5	169.8	56,700 *	36.6	188.1	60,600	47.3	197.1	57,500							115
120							8.4	149.9	52,900 *	30.8	180.4	57,400	42.7	191.9	54,500	52.0	197.4	51,600				120
130										13.0	154.4	51,700	32.0	178.4	49,200	43.3	188.1	46,600				130
140													15.6	154.8	44,600	32.7	174.9	42,300	43.5	182.8	40,000	140
150																17.1	152.5	38,500	33.0	169.7	36,500	150
160																			17.5	147.7	33,300	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	74.7	236.3	147,700 *b																			40
45	71.7	234.7	139,700 *b																			45
50	68.7	232.8	132,000 *b																			50
55	65.6	230.6	123,100 *																			55
60	62.3	228.1	109,600 *	69.6	232.4	132,800 *b																60
65	59.0	225.2	97,900 *	66.5	230.3	125,400 *																65
70	55.6	221.9	88,300 *	63.3	227.9	113,700 *	67.6	230.0	118,200													70
75	52.0	218.2	80,200 *	60.0	225.1	101,200 *	64.5	227.7	108,300													75
80	48.2	213.9	73,400 *	56.6	221.9	91,000 *	61.3	225.1	99,900													80
85	44.2	209.0	67,500 *	53.1	218.3	82,500 *	57.9	222.0	92,500													85
90	39.9	203.3	62,400 *	49.4	214.2	75,300 *	54.4	218.6	85,500 *	62.1	223.1	81,800										90
95	35.1	196.6	57,900 *	45.5	209.5	69,200 *	50.8	214.7	77,900 *	58.7	220.2	76,500										95
100	29.6	188.5	53,900 *	41.2	204.0	63,900 *	46.9	210.2	71,400 *	55.3	216.9	71,700										100
105	23.0	178.0	50,400 *	36.6	197.7	59,200 *	42.8	205.0	65,800 *	51.7	213.1	67,400										105
110	13.5	162.2	47,100 *	31.4	190.1	55,100 *	38.4	199.1	60,900 *	47.9	208.8	63,600	56.0	214.0	60,200							110
115				25.2	180.5	51,400 *	33.4	191.9	56,600 *	43.9	203.8	60,100	52.4	210.3	56,900							115
120				16.9	166.9	48,100 *	27.6	183.2	52,700 *	39.5	198.0	57,000	48.7	206.1	53,900							120
130							7.9	150.5	46,200 *	29.1	182.9	51,400	40.4	195.6	48,700	49.1	202.1	46,000				130
140										12.3	155.4	46,600	30.3	181.1	44,200	40.9	191.8	41,800				140
150													14.8	156.1	40,300	31.0	177.7	38,100	41.1	186.6	35,900	150
160																16.2	153.9	34,800	31.2	172.5	32,900	160
170																			16.6	149.1	30,200	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.5	245.2	133,700 *b																			45
50	70.7	243.5	126,900 *																			50
55	67.9	241.6	119,800 *																			55
60	65.1	239.3	112,300 *																			60
65	62.1	236.8	100,700 *	68.8	241.2	121,600 *																65
70	59.1	233.9	90,700 *	65.9	239.0	114,600 *																70
75	56.0	230.6	82,400 *	63.0	236.5	104,100 *	67.0	238.7	107,800													75
80	52.8	227.0	75,300 *	60.0	233.8	93,500 *	64.1	236.4	99,400													80
85	49.4	222.8	69,300 *	57.0	230.6	84,800 *	61.1	233.7	92,100													85
90	45.8	218.1	64,000 *	53.8	227.1	77,400 *	58.1	230.7	85,700													90
95	42.0	212.8	59,400 *	50.4	223.1	71,000 *	55.0	227.3	80,000 *	61.9	231.8	75,900										95
100	37.9	206.7	55,300 *	46.9	218.6	65,500 *	51.7	223.5	73,300 *	58.9	228.9	71,200										100
105	33.4	199.6	51,600 *	43.2	213.5	60,700 *	48.2	219.2	67,500 *	55.7	225.6	66,900										105
110	28.2	191.0	48,400 *	39.2	207.6	56,500 *	44.6	214.3	62,400 *	52.5	221.9	63,100										110
115	21.9	179.9	45,400 *	34.8	200.8	52,700 *	40.7	208.8	58,000 *	49.1	217.7	59,700	56.4	222.7	56,400							115
120	12.8	163.2	41,500 *	29.8	192.7	49,300 *	36.5	202.4	54,100 *	45.5	213.0	56,500	53.1	219.1	53,400							120
130				16.1	168.3	43,500 *	26.3	185.5	47,400 *	37.6	201.4	51,000	46.2	210.4	48,200							130
140							7.5	151.1	41,600 *	27.7	185.4	46,300	38.4	199.1	43,800	46.7	206.4	41,200				140
150										28.8	183.7	39,900	28.8	183.7	39,900	38.9	195.4	37,600	46.8	201.2	35,400	150
160										11.7	156.4	42,200	28.8	183.7	39,900	29.5	180.3	34,500	39.1	190.2	32,400	160
170																15.4	155.2	31,600	29.7	175.2	29,800	170
180																14.1	157.3	36,500	15.8	150.5	27,400	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.9	255.6	124,800 *b																			45
50	72.4	254.1	120,300 *																			50
55	69.8	252.3	116,000 *																			55
60	67.3	250.3	109,700 *																			60
65	64.6	248.0	100,400 *	70.6	251.9	117,300 *																65
70	62.0	245.4	90,400 *	68.0	249.9	111,900 *																70
75	59.2	242.5	82,000 *	65.4	247.7	103,800 *																75
80	56.4	239.3	75,000 *	62.8	245.2	93,200 *	66.4	247.5	98,900													80
85	53.4	235.7	68,900 *	60.0	242.4	84,400 *	63.8	245.1	91,600													85
90	50.4	231.7	63,600 *	57.2	239.3	77,000 *	61.0	242.4	85,200													90
95	47.2	227.2	59,000 *	54.3	235.8	70,600 *	58.3	239.4	79,600													95
100	43.8	222.2	54,900 *	51.3	231.9	65,100 *	55.4	236.0	72,900 *	61.7	240.5	70,600										100
105	40.2	216.5	51,200 *	48.1	227.6	60,300 *	52.4	232.3	67,100 *	59.0	237.6	66,400										105
110	36.2	210.0	48,000 *	44.8	222.7	56,100 *	49.3	228.2	62,000 *	56.1	234.3	62,600										110
115	31.9	202.5	45,000 *	41.3	217.3	52,300 *	46.0	223.5	57,600 *	53.2	230.7	59,200										115
120	27.0	193.4	42,300 *	37.4	211.0	48,900 *	42.6	218.3	53,700 *	50.1	226.6	56,000	56.7	231.4	52,900							120
130	12.2	164.3	36,600 *	28.5	195.3	43,100 *	34.8	205.5	47,000 *	43.5	217.0	50,500	50.7	223.9	47,700							130
140				15.4	169.6	38,300 *	25.1	187.7	41,500 *	35.9	204.7	45,900	44.1	214.5	43,200	51.1	219.8	40,700				140
150							7.2	151.7	36,800 *	26.5	187.8	41,900	36.7	202.5	39,500	44.6	210.6	37,100				150
160										11.2	157.3	37,500 *	27.5	186.1	36,100	37.2	198.8	33,900	44.7	205.3	31,800	160
170													13.4	158.5	33,200	28.2	182.8	31,200	37.3	193.6	29,200	170
180																14.7	156.5	28,700	28.4	177.7	26,900	180
190																			15.0	151.8	24,800	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.8	264.6	111,400 *																			50
55	71.5	263.0	107,600 *																			55
60	69.1	261.1	103,900 *																			60
65	66.7	259.0	100,400 *																			65
70	64.3	256.7	91,100 *	69.8	260.7	106,200 *																70
75	61.8	254.1	82,600 *	67.4	258.7	102,700 *																75
80	59.3	251.2	75,400 *	65.0	256.4	93,900 *																80
85	56.6	248.0	69,200 *	62.6	253.9	85,000 *	65.9	256.2	91,300													85
90	53.9	244.5	63,800 *	60.0	251.1	77,400 *	63.5	253.7	84,900													90
95	51.2	240.6	59,200 *	57.4	248.0	71,000 *	61.0	251.0	79,300													95
100	48.2	236.2	55,000 *	54.8	244.5	65,400 *	58.4	248.1	72,800 *													100
105	45.2	231.4	51,300 *	52.0	240.7	60,500 *	55.8	244.8	67,000 *	61.6	249.1	66,100										105
110	41.9	226.1	48,000 *	49.1	236.6	56,200 *	53.0	241.1	61,900 *	59.0	246.2	62,300										110
115	38.5	220.0	45,100 *	46.1	231.9	52,400 *	50.2	237.1	57,500 *	56.4	243.0	58,900										115
120	34.7	213.2	42,400 *	42.9	226.7	49,000 *	47.2	232.6	53,500 *	53.7	239.4	55,800										120
130	25.9	195.7	37,700 *	35.9	214.3	43,200 *	40.8	222.0	46,800 *	48.0	231.1	50,300	54.2	236.6	47,400							130
140	11.7	165.3	32,600 *	27.4	197.7	38,300 *	33.4	208.5	41,400 *	41.7	220.8	45,700	48.6	228.4	43,000							140
150				14.7	170.9	34,300 *	24.1	189.9	36,900 *	34.4	207.8	41,700	42.3	218.4	39,200	48.9	224.4	36,800				150
160							6.9	152.3	32,800 *	25.4	190.0	37,600 *	35.2	205.6	36,000	42.7	214.5	33,700				160
170										10.7	158.2	33,600 *	26.4	188.5	33,100	35.6	202.0	31,000	42.8	209.3	29,000	170
180													12.9	159.6	30,400	27.0	185.2	28,600	35.8	196.8	26,700	180
190																14.1	157.7	26,300	27.2	180.1	24,600	190
200																			14.4	153.0	22,700	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.0	275.0	104,100 *																			50
55	72.8	273.5	100,700 *																			55
60	70.7	271.8	97,400 *																			60
65	68.5	269.9	94,200 *																			65
70	66.3	267.8	90,700 *																			70
75	64.0	265.4	82,100 *	69.1	269.5	96,200 *																75
80	61.7	262.8	74,900 *	66.9	267.4	93,300 *																80
85	59.3	259.9	68,800 *	64.7	265.1	84,600 *	67.7	267.1	90,800													85
90	56.9	256.7	63,400 *	62.4	262.5	77,000 *	65.5	264.9	84,500													90
95	54.4	253.2	58,700 *	60.0	259.7	70,600 *	63.2	262.4	78,900													95
100	51.8	249.4	54,600 *	57.6	256.7	65,000 *	60.9	259.7	72,800 *													100
105	49.1	245.2	50,900 *	55.2	253.3	60,100 *	58.5	256.7	67,000 *													105
110	46.4	240.6	47,600 *	52.6	249.5	55,800 *	56.1	253.4	61,800 *	61.5	257.8	61,800										110
115	43.4	235.4	44,600 *	50.0	245.5	52,000 *	53.5	249.9	57,300 *	59.1	254.9	58,400										115
120	40.3	229.8	41,900 *	47.2	241.0	48,600 *	50.9	245.9	53,300 *	56.7	251.7	55,300										120
130	33.4	216.2	37,200 *	41.3	230.5	42,700 *	45.4	236.8	46,600 *	51.6	244.3	49,800	57.2	248.7	46,800							130
140	24.9	197.9	33,200 *	34.5	217.4	37,900 *	39.3	225.6	41,100 *	46.1	235.4	45,200	52.1	241.5	42,500							140
150	11.3	166.2	28,900 *	26.3	200.0	33,800 *	32.1	211.4	36,500 *	40.1	224.5	41,200	46.7	232.8	38,700	52.4	237.5	36,300				150
160				14.2	172.1	30,300 *	23.2	191.9	32,700 *	33.1	210.8	37,100 *	40.7	222.1	35,500	47.0	228.8	33,200				160
170							6.6	152.8	29,200 *	24.4	192.2	33,200 *	33.8	208.7	32,600	41.1	218.3	30,500	47.1	223.6	28,400	170
180										10.3	159.1	29,800 *	25.4	190.7	30,000	34.3	205.1	28,100	41.2	213.1	26,100	180
190													12.4	160.6	27,700	26.0	187.5	25,900	34.4	199.9	24,100	190
200																13.6	158.9	23,900	26.2	182.5	22,300	200
210																			13.9	154.2	20,600	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	76.0	285.4	98,700 *																			50
55	74.0	284.0	95,900 *																			55
60	72.0	282.4	93,100 *																			60
65	70.0	280.6	90,300 *																			65
70	67.9	278.7	87,700 *																			70
75	65.8	276.5	83,000 *	70.6	280.2	91,800 *																75
80	63.7	274.1	75,700 *	68.5	278.2	89,400 *																80
85	61.6	271.4	69,400 *	66.5	276.1	85,500 *																85
90	59.4	268.5	64,000 *	64.4	273.8	77,800 *	67.2	275.8	84,000													90
95	57.1	265.4	59,200 *	62.2	271.2	71,200 *	65.1	273.6	78,400													95
100	54.8	261.9	55,000 *	60.0	268.4	65,600 *	63.0	271.1	73,400													100
105	52.4	258.2	51,300 *	57.8	265.3	60,600 *	60.8	268.4	67,600 *													105
110	49.9	254.1	47,900 *	55.5	262.0	56,300 *	58.6	265.4	62,400 *													110
115	47.4	249.6	44,900 *	53.1	258.3	52,400 *	56.3	262.1	57,800 *	61.4	266.5	57,900										115
120	44.7	244.7	42,200 *	50.7	254.3	48,900 *	54.0	258.6	53,800 *	59.2	263.5	54,800										120
130	38.9	233.3	37,400 *	45.5	245.2	43,000 *	49.1	250.5	46,900 *	54.6	256.9	49,300										130
140	32.2	219.1	33,400 *	39.8	234.1	38,100 *	43.8	240.8	41,400 *	49.7	249.0	44,700	55.0	254.0	42,000							140
150	24.0	200.0	30,000 *	33.3	220.4	34,000 *	37.9	229.1	36,800 *	44.5	239.5	40,800	50.2	246.2	38,200							150
160	10.9	167.1	24,800 *	25.4	202.3	30,500 *	31.0	214.2	32,900 *	38.6	228.0	37,300 *	45.0	236.9	35,000	50.5	242.2	32,700				160
170				13.7	173.3	27,300 *	22.4	193.9	29,500 *	31.9	213.6	33,300 *	39.2	225.7	32,100	45.3	233.0	30,000				170
180							6.4	153.3	25,200 *	23.6	194.2	29,900 *	32.6	211.6	29,600	39.6	221.9	27,600	45.4	227.8	25,600	180
190										9.9	160.0	27,000 *	24.5	192.9	27,300	33.1	208.1	25,500	39.7	216.7	23,600	190
200													12.0	161.6	25,300	25.1	189.7	23,500	33.2	202.9	21,800	200
210																13.1	160.0	21,700	25.2	184.7	20,200	210
220																			13.4	155.4	18,600	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.0	294.4	88,500 *																			55
60	73.2	292.9	86,000 *																			60
65	71.3	291.3	83,500 *																			65
70	69.4	289.4	81,000 *																			70
75	67.4	287.4	78,700 *																			75
80	65.5	285.2	76,000 *	70.0	289.0	82,400 *																80
85	63.5	282.7	69,600 *	68.0	287.0	80,200 *																85
90	61.5	280.1	64,100 *	66.1	284.8	78,100 *																90
95	59.4	277.2	59,200 *	64.1	282.5	71,500 *	66.8	284.6	77,900													95
100	57.3	274.1	55,000 *	62.1	279.9	65,700 *	64.8	282.3	72,900													100
105	55.1	270.6	51,200 *	60.0	277.1	60,700 *	62.8	279.8	67,700 *													105
110	52.9	267.0	47,800 *	57.9	274.0	56,200 *	60.8	277.0	62,500 *													110
115	50.6	262.9	44,700 *	55.8	270.7	52,300 *	58.7	274.1	57,800 *													115
120	48.2	258.6	41,900 *	53.6	267.1	48,800 *	56.6	270.8	53,700 *	61.3	275.1	54,200										120
130	43.2	248.7	37,100 *	48.9	258.9	42,800 *	52.1	263.5	46,800 *	57.1	269.0	48,800										130
140	37.6	236.7	33,100 *	44.0	249.3	37,800 *	47.4	254.9	41,100 *	52.7	261.9	44,200	57.5	266.1	41,400							140
150	31.2	221.9	29,600 *	38.5	237.6	33,700 *	42.3	244.7	36,500 *	48.0	253.5	40,300	53.1	259.1	37,700							150
160	23.2	202.0	26,700 *	32.2	223.3	30,200 *	36.6	232.4	32,500 *	43.0	243.5	36,900	48.5	250.8	34,500							160
170	10.5	168.0	22,000 *	24.6	204.4	27,100 *	30.0	216.9	29,200 *	37.3	231.4	33,000 *	43.5	241.0	31,600	48.8	246.8	29,400				170
180				13.2	174.4	24,300 *	21.6	195.8	26,200 *	30.9	216.4	29,600 *	37.9	229.1	29,100	43.8	237.1	27,000				180
190							6.1	153.8	22,400 *	22.8	196.3	26,600 *	31.6	214.5	26,900	38.3	225.4	24,900	43.9	231.8	23,000	190
200										9.6	160.8	24,000 *	23.7	195.0	24,800	32.0	210.9	23,000	38.4	220.2	21,300	200
210													11.6	162.6	23,000	24.3	191.9	21,300	32.1	205.8	19,600	210
220																12.6	161.1	19,700	24.4	186.8	18,200	220
230																			12.9	156.5	16,800	230



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

130 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.9	304.7	83,000 *																			55
60	74.2	303.3	80,800 *																			60
65	72.4	301.8	78,600 *																			65
70	70.6	300.1	76,400 *																			70
75	68.8	298.2	74,100 *																			75
80	67.0	296.1	72,000 *																			80
85	65.2	293.9	69,300 *	69.4	297.8	75,400 *																85
90	63.3	291.4	63,800 *	67.6	295.8	73,400 *																90
95	61.4	288.7	58,900 *	65.7	293.5	71,000 *																95
100	59.4	285.9	54,700 *	63.9	291.1	65,400 *	66.4	293.3	71,500 *													100
105	57.5	282.7	50,900 *	62.0	288.5	60,400 *	64.5	291.0	67,500 *													105
110	55.4	279.4	47,500 *	60.0	285.7	55,900 *	62.7	288.4	62,200 *													110
115	53.3	275.7	44,400 *	58.0	282.7	52,000 *	60.7	285.7	57,500 *													115
120	51.2	271.8	41,600 *	56.0	279.4	48,500 *	58.8	282.7	53,400 *													120
130	46.7	262.9	36,800 *	51.8	272.0	42,500 *	54.7	276.1	46,500 *	59.3	280.9	48,500										130
140	41.8	252.5	32,800 *	47.4	263.3	37,500 *	50.5	268.3	40,800 *	55.2	274.3	43,900										140
150	36.4	240.0	29,300 *	42.6	253.2	33,400 *	45.9	259.2	36,100 *	51.0	266.7	40,000	55.6	271.4	37,400							150
160	30.2	224.6	26,400 *	37.3	241.0	29,800 *	41.0	248.5	32,200 *	46.5	257.8	36,600	51.4	263.9	34,200							160
170	22.5	204.0	23,800 *	31.2	226.1	26,800 *	35.5	235.6	28,800 *	41.6	247.3	32,700 *	46.9	255.1	31,300	51.7	259.9	29,100				170
180	10.2	168.9	19,500 *	23.8	206.5	24,100 *	29.1	219.5	25,900 *	36.2	234.7	29,300 *	42.1	244.8	28,800	47.2	251.2	26,800				180
190				12.8	175.5	21,600 *	21.0	197.6	23,400 *	29.9	219.1	26,300 *	36.7	232.5	26,600	42.4	241.0	24,700	47.3	245.9	22,800	190
200							5.9	154.3	20,000 *	22.1	198.2	23,700 *	30.6	217.2	24,600	37.1	228.8	22,800	42.5	235.8	21,000	200
210										9.3	161.5	21,400 *	23.0	197.0	22,800	31.0	213.7	21,100	37.2	223.6	19,400	210
220													11.2	163.6	21,100	23.5	193.9	19,500	31.1	208.6	17,900	220
230																12.3	162.1	18,000	23.7	188.9	16,600	230
240																			12.5	157.5	15,300	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.1	313.7	75,700 *																			60
65	73.4	312.3	73,700 *																			65
70	71.8	310.7	71,700 *																			70
75	70.1	308.9	69,600 *																			75
80	68.4	307.0	67,400 *																			80
85	66.6	304.9	64,800 *	70.6	308.4	70,500 *																85
90	64.9	302.6	62,200 *	68.9	306.6	68,600 *																90
95	63.1	300.1	58,400 *	67.2	304.5	66,000 *																95
100	61.3	297.4	54,100 *	65.4	302.3	63,600 *	67.8	304.2	66,400 *													100
105	59.5	294.5	50,300 *	63.6	299.8	59,800 *	66.1	302.0	64,100 *													105
110	57.6	291.4	46,900 *	61.9	297.2	55,400 *	64.3	299.6	61,600 *													110
115	55.7	288.1	43,900 *	60.0	294.4	51,500 *	62.5	297.1	57,000 *													115
120	53.7	284.5	41,100 *	58.2	291.3	47,900 *	60.7	294.4	52,900 *													120
130	49.6	276.4	36,300 *	54.3	284.5	41,900 *	57.0	288.2	45,900 *	61.2	292.4	48,000										130
140	45.3	267.1	32,200 *	50.3	276.7	37,000 *	53.1	281.1	40,300 *	57.4	286.4	43,400										140
150	40.6	256.2	28,800 *	46.0	267.6	32,800 *	48.9	272.9	35,600 *	53.5	279.4	39,500	57.8	283.4	36,800							150
160	35.4	243.2	25,800 *	41.3	257.0	29,300 *	44.5	263.3	31,700 *	49.5	271.3	36,100	53.9	276.6	33,600							160
170	29.3	227.2	23,200 *	36.2	244.3	26,300 *	39.7	252.1	28,300 *	45.1	262.0	32,100 *	49.9	268.6	30,800							170
180	21.8	205.9	20,900 *	30.3	228.8	23,600 *	34.4	238.7	25,400 *	40.4	251.0	28,700 *	45.5	259.4	28,300	50.1	264.6	26,200				180
190	9.9	169.7	17,100 *	23.1	208.6	21,300 *	28.2	222.0	22,900 *	35.1	237.9	25,800 *	40.8	248.6	26,100	45.8	255.5	24,100				190
200				12.4	176.6	19,100 *	20.3	199.4	20,600 *	29.0	221.7	23,200 *	35.7	235.7	24,100	41.1	244.8	22,300	45.9	250.2	20,400	200
210							5.8	154.8	17,600 *	21.5	200.1	20,900 *	29.7	219.8	22,300	36.0	232.0	20,600	41.2	239.5	18,800	210
220										9.0	162.3	18,900 *	22.3	199.0	20,700	30.1	216.4	19,000	36.1	226.9	17,400	220
230													10.9	164.5	19,100 *	22.8	195.9	17,600	30.2	211.3	16,100	230
240																11.9	163.1	16,300	23.0	191.0	14,800	240
250																			12.2	158.6	13,700	250



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

130 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.9	324.1	69,300 *																			60
65	74.3	322.7	68,700 *																			65
70	72.8	321.2	67,400 *																			70
75	71.2	319.5	65,200 *																			75
80	69.6	317.7	62,900 *																			80
85	67.9	315.7	60,600 *																			85
90	66.3	313.6	58,200 *	70.0	317.3	63,700 *																90
95	64.6	311.3	55,800 *	68.4	315.3	61,600 *																95
100	63.0	308.8	53,400 *	66.8	313.2	59,300 *																100
105	61.2	306.1	49,800 *	65.1	311.0	57,000 *	67.4	312.9	59,700 *													105
110	59.5	303.2	46,400 *	63.5	308.5	54,700 *	65.7	310.7	57,600 *													110
115	57.7	300.1	43,400 *	61.8	305.9	51,000 *	64.1	308.3	55,300 *													115
120	55.9	296.8	40,600 *	60.0	303.0	47,400 *	62.4	305.8	52,400 *													120
130	52.2	289.4	35,800 *	56.5	296.8	41,400 *	58.9	300.1	45,400 *	62.8	303.8	47,500										130
140	48.2	281.0	31,700 *	52.7	289.5	36,500 *	55.3	293.5	39,800 *	59.3	298.2	43,000										140
150	44.0	271.2	28,300 *	48.8	281.3	32,300 *	51.5	286.0	35,100 *	55.8	291.7	39,100										150
160	39.4	259.8	25,300 *	44.7	271.7	28,800 *	47.5	277.3	31,200 *	52.0	284.3	35,700 *	56.1	288.8	33,200							160
170	34.4	246.3	22,700 *	40.2	260.6	25,800 *	43.3	267.3	27,800 *	48.0	275.8	31,600 *	52.4	281.5	30,400							170
180	28.5	229.7	20,500 *	35.2	247.5	23,100 *	38.6	255.6	24,900 *	43.8	266.0	28,200 *	48.4	273.1	27,900	52.6	277.5	25,700				180
190	21.2	207.8	18,400 *	29.5	231.4	20,800 *	33.5	241.7	22,400 *	39.2	254.6	25,300 *	44.2	263.5	25,700	48.7	269.2	23,700				190
200	9.6	170.6	14,900 *	22.5	210.6	18,700 *	27.4	224.4	20,100 *	34.1	241.0	22,700 *	39.7	252.2	23,700	44.5	259.6	21,800				200
210				12.1	177.6	16,700 *	19.8	201.1	18,100 *	28.2	224.2	20,400 *	34.7	238.8	21,900	40.0	248.4	20,100	44.6	254.3	18,400	210
220							5.6	155.2	15,400 *	20.9	201.9	18,400 *	28.9	222.4	20,300	35.0	235.2	18,600	40.1	243.2	16,900	220
230										8.8	163.0	16,600 *	21.7	200.9	18,600 *	29.3	219.0	17,200	35.1	230.0	15,600	230
240													10.6	165.4	16,800 *	22.2	197.9	15,900	29.4	213.9	14,400	240
250																11.6	164.1	14,700	22.3	192.9	13,300	250
260																			11.8	159.6	12,200	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

130 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.1	333.1	62,100 *																			65
70	73.6	331.7	61,500 *																			70
75	72.1	330.1	60,600 *																			75
80	70.6	328.4	58,400 *																			80
85	69.1	326.5	56,100 *																			85
90	67.6	324.5	53,800 *																			90
95	66.0	322.3	51,500 *	69.6	326.1	56,900 *																95
100	64.4	320.0	49,200 *	68.0	324.1	54,800 *																100
105	62.8	317.4	46,900 *	66.5	321.9	52,600 *																105
110	61.2	314.7	44,700 *	64.9	319.6	50,300 *	67.0	321.7	53,000 *													110
115	59.5	311.8	42,500 *	63.3	317.2	48,000 *	65.5	319.4	50,800 *													115
120	57.8	308.8	40,100 *	61.7	314.5	45,800 *	63.9	317.0	48,700 *													120
130	54.4	301.9	35,200 *	58.3	308.7	40,900 *	60.6	311.7	44,400 *													130
140	50.7	294.2	31,200 *	54.9	302.0	35,900 *	57.3	305.6	39,200 *	61.0	309.8	42,500										140
150	46.9	285.3	27,700 *	51.3	294.4	31,800 *	53.8	298.6	34,600 *	57.7	303.8	38,600										150
160	42.8	275.1	24,800 *	47.5	285.7	28,300 *	50.1	290.7	30,600 *	54.2	296.9	35,100 *	58.0	300.8	32,600							160
170	38.4	263.3	22,200 *	43.5	275.7	25,200 *	46.3	281.6	27,300 *	50.6	289.1	31,100 *	54.6	294.0	29,800							170
180	33.5	249.3	19,900 *	39.1	264.2	22,600 *	42.1	271.2	24,400 *	46.7	280.2	27,700 *	50.9	286.3	27,400							180
190	27.8	232.2	17,900 *	34.2	250.6	20,300 *	37.6	259.1	21,800 *	42.6	269.9	24,700 *	47.1	277.5	25,200	51.2	282.3	23,100				190
200	20.7	209.6	16,100 *	28.7	234.0	18,200 *	32.6	244.6	19,600 *	38.2	258.1	22,100 *	43.1	267.4	23,200	47.4	273.6	21,300				200
210	9.4	171.3	12,900 *	21.9	212.5	16,400 *	26.7	226.8	17,600 *	33.2	244.0	19,900 *	38.6	255.7	21,400	43.3	263.6	19,600	47.4	268.3	17,800	210
220				11.8	178.6	14,600 *	19.3	202.8	15,800 *	27.5	226.6	17,900 *	33.7	241.9	19,800	38.9	252.0	18,100	43.4	258.3	16,400	220
230							5.4	155.7	13,400 *	20.3	203.7	16,000 *	28.1	224.9	18,100 *	34.1	238.3	16,700	39.0	246.8	15,100	230
240										8.5	163.8	14,400 *	21.1	202.7	16,200 *	28.5	221.6	15,400	34.2	233.1	13,900	240
250													10.3	166.3	14,600 *	21.6	199.8	14,200	28.6	216.5	12,800	250
260																11.3	165.1	13,100	21.8	194.8	11,700	260
270																			11.5	160.6	10,800	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	63.7	212.3	152,200 *b																			45
50	59.0	209.4	140,800 *b																			50
55	54.0	206.0	123,800 *b	65.8	212.4	155,800 *b																55
60	48.7	201.8	109,400 *	61.2	209.8	144,400 *b	67.9	212.3	144,500 b													60
65	42.8	196.8	97,800 *	56.4	206.6	132,000 *b	63.4	209.9	130,400 b													65
70	36.3	190.5	88,200 *	51.2	202.8	115,800 *	58.7	207.0	118,700 b													70
75	28.4	182.3	80,200 *	45.7	198.2	103,000 *	53.7	203.5	108,800 b													75
80	17.3	169.8	73,400 *	39.5	192.6	92,500 *	48.4	199.3	100,400	60.7	205.5	95,200 b										80
85				32.3	185.4	83,900 *	42.5	194.2	93,100	55.8	202.2	88,300 b										85
90				23.2	175.4	76,600 *	35.9	187.8	86,600	50.6	198.4	82,200										90
95				5.1	153.9	69,400 *	27.9	179.4	79,900 *	45.0	193.7	76,900	57.6	199.6	72,700 b							95
100							16.5	166.5	73,100 *	38.8	187.9	72,100	52.5	196.0	68,200							100
105										31.4	180.5	67,800	47.1	191.6	64,200							105
110										22.0	170.1	63,900	41.1	186.3	60,600							110
115													34.2	179.5	57,300	48.7	188.1	54,100				115
120													25.8	170.5	54,200	42.9	183.0	51,200				120
130																28.4	168.6	46,200	44.0	178.3	43,600	130
140																			30.1	164.5	39,500	140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	67.2	223.4	148,300 *b																			45
50	63.2	221.0	137,600 *b																			50
55	59.1	218.1	124,600 *b	69.0	223.3	150,300 *b																55
60	54.8	214.7	110,000 *	65.1	221.1	141,200 *b																60
65	50.2	210.8	98,300 *	61.1	218.4	131,400 *b	67.0	221.0	129,900 b													65
70	45.3	206.1	88,600 *	56.8	215.3	116,500 *	63.0	218.5	118,200 b													70
75	39.9	200.4	80,600 *	52.4	211.6	103,500 *	58.9	215.7	108,400													75
80	33.8	193.5	73,700 *	47.7	207.3	93,000 *	54.5	212.3	100,000													80
85	26.4	184.6	67,900 *	42.5	202.1	84,300 *	49.9	208.3	92,700	60.6	214.1	87,700 b										85
90	16.1	171.1	62,700 *	36.8	195.9	76,900 *	45.0	203.5	86,300	56.4	210.9	81,700										90
95				30.1	188.1	70,600 *	39.6	197.8	80,200 *	51.9	207.2	76,400										95
100				21.6	177.3	65,100 *	33.4	190.8	73,500 *	47.1	202.8	71,600	57.9	208.3	67,700							100
105				4.7	154.2	59,700 *	26.0	181.7	67,600 *	41.9	197.5	67,400	53.5	204.8	63,600							105
110							15.4	167.8	62,500 *	36.1	191.2	63,600	48.9	200.6	60,000							110
115										29.3	183.1	60,100	43.8	195.7	56,800							115
120										20.5	171.8	56,900	38.3	189.8	53,800	50.2	197.0	50,700				120
130													24.0	172.6	48,500	39.9	186.7	45,700				130
140																26.5	170.9	41,500	41.0	182.0	39,000	140
150																			28.0	167.0	35,600	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Oper. Rad. Feet
40	73.2	235.9	152,500 *b																			40
45	69.9	234.2	144,100 *b																			45
50	66.4	232.1	134,400 *b																			50
55	62.9	229.6	125,100 *																			55
60	59.2	226.8	110,400 *	68.0	232.0	136,800 *b																60
65	55.4	223.4	98,600 *	64.6	229.7	128,800 *b																65
70	51.4	219.6	88,900 *	60.9	227.1	117,000 *	66.2	229.7	117,800 b													70
75	47.1	215.2	80,800 *	57.2	224.0	103,900 *	62.7	227.2	108,000													75
80	42.5	210.0	73,900 *	53.3	220.4	93,300 *	59.0	224.3	99,500													80
85	37.5	203.9	68,000 *	49.2	216.3	84,500 *	55.2	221.0	92,300													85
90	31.8	196.4	62,900 *	44.7	211.5	77,100 *	51.1	217.1	85,900	60.5	222.8	81,200										90
95	24.9	186.8	58,300 *	39.9	205.8	70,700 *	46.9	212.6	80,300	56.8	219.6	75,900										95
100	15.2	172.4	54,300 *	34.6	199.0	65,200 *	42.3	207.4	73,600 *	52.8	216.0	71,200										100
105				28.3	190.6	60,500 *	37.2	201.2	67,800 *	48.7	211.8	67,000										105
110				20.3	179.1	56,200 *	31.4	193.7	62,700 *	44.2	206.9	63,200	54.3	213.5	59,600							110
115				4.3	154.5	52,000 *	24.4	183.9	58,200 *	39.4	201.2	59,800	50.2	209.5	56,300							115
120							14.4	169.0	54,200 *	33.9	194.2	56,600	45.9	204.9	53,400							120
130										19.2	173.5	51,100	36.0	193.0	48,200	47.1	201.4	45,300				130
140													22.6	174.6	43,700	37.5	190.1	41,100	48.0	196.5	38,500	140
150																24.9	173.1	37,500	38.5	185.6	35,100	150
160																			26.4	169.3	32,200	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.0	246.4	145,200 *b																			40
45	72.0	244.8	137,700 *b																			45
50	68.9	243.0	130,200 *b																			50
55	65.8	240.8	121,800 *																			55
60	62.6	238.3	111,200 *	70.4	242.8	132,100 *b																60
65	59.3	235.4	99,200 *	67.3	240.8	125,200 *																65
70	55.9	232.2	89,300 *	64.1	238.4	117,500 *																70
75	52.3	228.4	81,100 *	60.8	235.7	104,600 *	65.6	238.4	107,400													75
80	48.5	224.2	74,100 *	57.5	232.7	93,800 *	62.4	235.9	99,100													80
85	44.5	219.3	68,100 *	54.0	229.2	84,900 *	59.1	233.0	91,800													85
90	40.2	213.7	62,900 *	50.3	225.2	77,300 *	55.7	229.7	85,500													90
95	35.5	207.1	58,400 *	46.4	220.6	70,900 *	52.1	225.9	79,900	60.5	231.4	75,400										95
100	30.1	199.1	54,400 *	42.3	215.4	65,400 *	48.3	221.7	73,800 *	57.1	228.3	70,700										100
105	23.5	188.9	50,700 *	37.8	209.3	60,500 *	44.3	216.8	67,900 *	53.6	224.8	66,500										105
110	14.3	173.6	47,500 *	32.7	202.0	56,200 *	40.0	211.1	62,700 *	49.9	220.7	62,700										110
115				26.8	193.0	52,400 *	35.2	204.4	58,200 *	46.0	216.1	59,300	54.9	222.3	55,700							115
120				19.2	180.8	49,000 *	29.7	196.3	54,200 *	41.8	210.8	56,200	51.3	218.4	52,800							120
130							13.6	170.2	47,400 *	32.1	197.1	50,700	43.4	208.9	47,700	52.3	214.7	44,700				130
140										18.2	175.1	46,000	34.0	196.1	43,300	44.5	205.6	40,500				140
150													21.4	176.5	39,500	35.5	193.4	37,000	45.3	200.7	34,500	150
160																23.6	175.2	33,900	36.4	188.9	31,600	160
170																			24.9	171.5	29,000	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.7	255.3	132,500 *b																			45
50	70.9	253.6	126,100 *b																			50
55	68.1	251.7	118,900 *																			55
60	65.3	249.5	111,700 *																			60
65	62.3	247.0	101,500 *	69.4	251.6	121,200 *																65
70	59.3	244.1	91,400 *	66.6	249.5	115,000 *																70
75	56.2	240.9	82,900 *	63.7	247.1	107,000 *	68.0	249.3	106,900													75
80	53.0	237.2	75,800 *	60.8	244.4	95,900 *	65.1	247.1	98,600													80
85	49.7	233.1	69,700 *	57.7	241.3	86,800 *	62.2	244.5	91,300													85
90	46.1	228.5	64,300 *	54.6	237.9	79,100 *	59.2	241.7	85,000													90
95	42.3	223.2	59,700 *	51.3	234.0	72,500 *	56.1	238.4	79,400													95
100	38.2	217.2	55,600 *	47.8	229.7	66,800 *	52.8	234.7	74,500	60.4	240.1	70,200										100
105	33.7	210.1	51,900 *	44.1	224.7	61,800 *	49.5	230.6	69,400 *	57.4	237.0	66,000										105
110	28.6	201.6	48,600 *	40.2	219.1	57,500 *	45.9	225.9	64,100 *	54.2	233.5	62,200										110
115	22.4	190.8	45,600 *	35.9	212.5	53,600 *	42.1	220.6	59,500 *	50.9	229.6	58,800										115
120	13.6	174.8	42,300 *	31.1	204.8	50,100 *	38.0	214.6	55,400 *	47.4	225.2	55,700	55.4	231.0	52,300							120
130				18.3	182.3	44,200 *	28.3	198.8	48,500 *	39.8	214.4	50,300	48.7	223.0	47,200							130
140							13.0	171.3	42,800 *	30.5	199.8	45,600	41.2	212.7	42,800	49.7	219.4	40,000				140
150										17.3	176.6	41,600	32.4	199.0	39,100	42.3	209.5	36,500				150
160													20.3	178.2	35,800	33.8	196.4	33,400	43.1	204.7	31,100	160
170																22.4	177.1	30,700	34.7	192.0	28,600	170
180																			23.7	173.6	26,300	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.1	265.7	123,500 *b																			45
50	72.6	264.2	119,300 *																			50
55	70.0	262.5	115,200 *																			55
60	67.5	260.5	108,900 *																			60
65	64.8	258.2	101,200 *																			65
70	62.1	255.6	91,000 *	68.7	260.3	111,300 *																70
75	59.4	252.7	82,600 *	66.1	258.2	105,900 *																75
80	56.6	249.5	75,400 *	63.4	255.8	95,600 *	67.3	258.1	98,000													80
85	53.6	246.0	69,300 *	60.7	253.1	86,400 *	64.7	255.8	90,800													85
90	50.6	242.0	63,900 *	57.9	250.0	78,700 *	62.0	253.2	84,500													90
95	47.4	237.6	59,300 *	55.0	246.6	72,100 *	59.2	250.3	78,900													95
100	44.0	232.6	55,100 *	52.0	242.8	66,400 *	56.4	247.1	74,000													100
105	40.4	226.9	51,500 *	48.9	238.6	61,400 *	53.5	243.5	69,000 *	60.4	248.8	65,400										105
110	36.5	220.5	48,200 *	45.6	233.9	57,100 *	50.4	239.5	63,700 *	57.6	245.7	61,700										110
115	32.2	213.0	45,200 *	42.1	228.6	53,200 *	47.2	235.0	59,100 *	54.7	242.3	58,300										115
120	27.3	204.1	42,500 *	38.4	222.6	49,700 *	43.8	230.0	55,000 *	51.7	238.4	55,200										120
130	13.0	175.9	37,200 *	29.7	207.4	43,800 *	36.3	217.8	48,100 *	45.3	229.4	49,800	52.8	236.0	46,600							130
140				17.5	183.9	38,900 *	27.0	201.2	42,400 *	38.0	217.9	45,200	46.5	227.3	42,300							140
150							12.4	172.3	37,700 *	29.2	202.5	41,200	39.4	216.3	38,500	47.4	223.8	35,900				150
160										16.6	178.0	37,700	30.9	201.8	35,300	40.4	213.2	32,900	48.0	218.9	30,500	160
170													19.4	179.9	32,400	32.3	199.3	30,200	41.1	208.5	28,000	170
180																21.4	179.0	27,800	33.1	195.0	25,800	180
190																			22.7	175.6	23,700	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.9	274.7	110,400 *																			50
55	71.6	273.1	106,700 *																			55
60	69.3	271.3	103,300 *																			60
65	66.9	269.2	99,800 *																			65
70	64.5	266.9	91,700 *	70.4	271.1	105,900 *																70
75	62.0	264.3	83,100 *	68.0	269.1	102,800 *																75
80	59.4	261.4	75,800 *	65.6	266.9	96,400 *																80
85	56.8	258.2	69,600 *	63.2	264.4	87,000 *	66.8	266.8	90,500													85
90	54.1	254.7	64,200 *	60.7	261.7	79,200 *	64.3	264.5	84,200													90
95	51.3	250.8	59,500 *	58.1	258.7	72,500 *	61.8	261.9	78,700													95
100	48.4	246.5	55,300 *	55.4	255.3	66,700 *	59.3	259.0	73,700													100
105	45.4	241.8	51,600 *	52.7	251.6	61,700 *	56.7	255.8	68,900 *	62.9	260.2	65,100										105
110	42.2	236.5	48,300 *	49.8	247.5	57,200 *	54.0	252.3	63,600 *	60.4	257.4	61,400										110
115	38.7	230.5	45,300 *	46.9	243.0	53,300 *	51.2	248.3	59,000 *	57.8	254.4	58,000										115
120	35.0	223.7	42,500 *	43.7	238.0	49,800 *	48.3	244.0	54,800 *	55.1	251.0	54,900										120
130	26.2	206.4	37,800 *	36.8	225.9	43,800 *	42.0	233.9	47,900 *	49.5	243.1	49,500	56.1	248.4	46,300							130
140	12.5	177.0	33,200 *	28.5	210.0	38,900 *	34.8	221.0	42,300 *	43.4	233.4	45,000	50.6	240.8	42,000							140
150				16.8	185.3	34,700 *	25.9	203.5	37,600 *	36.4	221.2	41,000	44.5	231.5	38,300	51.4	237.1	35,700				150
160							11.9	173.3	33,600 *	28.0	204.9	37,600	37.7	219.8	35,100	45.4	228.0	32,600				160
170										15.9	179.4	34,600 *	29.7	204.4	32,300	38.8	216.8	30,000	46.0	223.2	27,800	170
180													18.6	181.5	29,700	30.9	202.1	27,600	39.4	212.1	25,500	180
190																20.6	180.8	25,500	31.8	197.8	23,600	190
200																			21.8	177.5	21,800	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.1	285.1	103,000 *																			50
55	73.0	283.6	99,800 *																			55
60	70.8	281.9	96,700 *																			60
65	68.6	280.0	93,600 *																			65
70	66.4	277.9	90,600 *																			70
75	64.2	275.6	82,700 *	69.7	279.9	95,900 *																75
80	61.8	272.9	75,400 *	67.5	277.8	93,300 *																80
85	59.5	270.1	69,200 *	65.2	275.6	86,600 *																85
90	57.1	266.9	63,800 *	62.9	273.1	78,800 *	66.3	275.5	83,700													90
95	54.6	263.5	59,000 *	60.6	270.4	72,000 *	64.0	273.2	78,200													95
100	52.0	259.7	54,800 *	58.2	267.4	66,300 *	61.7	270.5	73,200													100
105	49.3	255.5	51,100 *	55.8	264.0	61,200 *	59.3	267.6	68,800													105
110	46.6	250.9	47,800 *	53.2	260.4	56,800 *	56.9	264.5	63,500 *	62.7	268.9	60,800										110
115	43.6	245.8	44,800 *	50.6	256.4	52,900 *	54.4	261.0	58,800 *	60.3	266.1	57,500										115
120	40.6	240.2	42,100 *	47.9	252.0	49,400 *	51.9	257.2	54,700 *	57.9	263.0	54,400										120
130	33.7	226.7	37,400 *	42.0	241.8	43,400 *	46.4	248.4	47,700 *	52.9	256.0	49,000										130
140	25.2	208.6	33,400 *	35.4	229.1	38,400 *	40.4	237.6	42,000 *	47.6	247.5	44,500	53.9	253.5	41,500							140
150	12.0	178.0	29,400 *	27.4	212.4	34,300 *	33.5	224.0	37,300 *	41.7	237.2	40,600	48.6	245.3	37,800							150
160				16.1	186.7	30,700 *	24.9	205.7	33,300 *	35.0	224.3	37,200	42.8	235.4	34,600	49.4	241.7	32,100				160
170							11.4	174.3	29,900 *	26.9	207.3	34,100 *	36.3	223.1	31,800	43.7	232.1	29,400				170
180										15.3	180.7	30,600 *	28.5	207.0	29,300	37.3	220.1	27,100	44.2	227.3	25,000	180
190													17.9	183.1	27,000	29.8	204.7	25,000	37.9	215.6	23,000	190
200																19.8	182.5	23,100	30.6	200.6	21,200	200
210																			20.9	179.3	19,600	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.2	294.1	94,900 *																			55
60	72.2	292.5	92,300 *																			60
65	70.1	290.7	89,700 *																			65
70	68.1	288.8	87,100 *																			70
75	66.0	286.6	83,600 *																			75
80	63.9	284.2	76,200 *	69.0	288.7	89,000 *																80
85	61.7	281.6	69,800 *	67.0	286.6	86,900 *																85
90	59.5	278.7	64,300 *	64.9	284.3	79,500 *	68.0	286.4	83,200													90
95	57.3	275.6	59,500 *	62.7	281.8	72,700 *	65.9	284.2	77,700													95
100	54.9	272.2	55,300 *	60.6	279.0	66,900 *	63.8	281.8	72,800													100
105	52.6	268.4	51,500 *	58.3	276.0	61,800 *	61.6	279.2	68,400													105
110	50.1	264.4	48,200 *	56.1	272.7	57,300 *	59.4	276.3	64,100 *													110
115	47.5	259.9	45,100 *	53.7	269.2	53,300 *	57.1	273.2	59,300 *	62.5	277.5	57,000										115
120	44.9	255.0	42,400 *	51.3	265.3	49,700 *	54.8	269.7	55,100 *	60.3	274.7	53,900										120
130	39.1	243.7	37,600 *	46.2	256.3	43,700 *	50.0	261.9	48,000 *	55.8	268.4	48,500										130
140	32.5	229.6	33,600 *	40.5	245.5	38,700 *	44.7	252.5	42,300 *	51.0	260.8	44,000	56.6	265.8	40,900							140
150	24.3	210.8	30,100 *	34.2	232.2	34,500 *	38.9	241.1	37,500 *	45.9	251.8	40,100	51.9	258.4	37,300							150
160	11.6	179.0	25,300 *	26.5	214.8	30,900 *	32.3	226.9	33,500 *	40.2	240.9	36,700	46.8	249.7	34,100	52.6	254.7	31,500				160
170				15.6	188.1	27,800 *	24.1	207.9	30,100 *	33.8	227.4	33,800	41.3	239.2	31,300	47.6	246.2	28,900				170
180							11.0	175.2	27,100 *	26.0	209.6	30,800 *	35.0	226.2	28,800	42.1	236.0	26,600				180
190										14.7	182.0	27,700 *	27.5	209.4	26,600	36.0	223.4	24,500	42.6	231.2	22,500	190
200													17.3	184.6	24,600	28.7	207.3	22,700	36.6	218.9	20,800	200
210																19.1	184.2	21,000	29.5	203.2	19,200	210
220																			20.2	181.1	17,700	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.2	304.5	87,600 *																			55
60	73.3	303.0	85,200 *																			60
65	71.4	301.4	82,800 *																			65
70	69.5	299.6	80,500 *																			70
75	67.6	297.5	78,200 *																			75
80	65.6	295.3	76,000 *	70.4	299.3	82,000 *																80
85	63.6	292.9	70,000 *	68.5	297.4	80,000 *																85
90	61.6	290.3	64,500 *	66.6	295.3	78,000 *																90
95	59.5	287.4	59,600 *	64.6	293.0	73,000 *	67.5	295.2	77,200													95
100	57.4	284.3	55,300 *	62.6	290.5	67,000 *	65.5	292.9	72,300													100
105	55.3	280.9	51,400 *	60.5	287.7	61,800 *	63.5	290.5	67,900													105
110	53.1	277.2	48,000 *	58.4	284.7	57,300 *	61.5	287.9	63,600 *													110
115	50.8	273.2	44,900 *	56.3	281.4	53,200 *	59.4	285.0	58,800 *													115
120	48.4	268.9	42,100 *	54.1	277.9	49,600 *	57.3	281.8	54,600 *	62.4	286.2	53,300										120
130	43.4	259.0	37,300 *	49.5	269.9	43,400 *	52.9	274.7	47,500 *	58.2	280.4	48,000										130
140	37.8	247.2	33,200 *	44.6	260.4	38,400 *	48.3	266.4	41,700 *	53.9	273.5	43,500										140
150	31.4	232.4	29,800 *	39.2	249.1	34,200 *	43.2	256.5	37,000 *	49.3	265.5	39,600	54.7	271.0	36,700							150
160	23.5	212.8	26,800 *	33.0	235.2	30,600 *	37.6	244.6	33,000 *	44.3	255.9	36,200	50.1	263.2	33,600							160
170	11.2	179.9	22,400 *	25.6	217.0	27,500 *	31.2	229.7	29,600 *	38.9	244.4	33,300	45.2	253.9	30,800	50.8	259.5	28,300				170
180				15.1	189.4	24,700 *	23.3	209.9	26,600 *	32.7	230.3	30,400 *	39.9	242.8	28,300	45.9	250.5	26,000				180
190							10.6	176.1	24,000 *	25.1	211.9	27,300 *	33.9	229.3	26,100	40.7	239.7	24,000	46.4	245.6	21,900	190
200										14.2	183.2	24,600 *	26.6	211.8	24,200	34.8	226.5	22,100	41.2	235.0	20,200	200
210													16.7	186.1	22,300	27.8	209.8	20,500	35.4	222.1	18,600	210
220																18.5	185.8	18,900	28.5	205.8	17,200	220
230																			19.5	182.8	15,900	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.3	313.4	80,000 *																			60
65	72.6	311.9	77,900 *																			65
70	70.8	310.2	75,800 *																			70
75	69.0	308.3	73,700 *																			75
80	67.2	306.3	71,600 *																			80
85	65.3	304.0	69,000 *	69.8	308.2	75,100 *																85
90	63.4	301.6	64,200 *	68.0	306.2	73,200 *																90
95	61.5	298.9	59,300 *	66.2	304.0	71,300 *																95
100	59.6	296.1	55,000 *	64.3	301.7	66,700 *	67.0	303.9	71,600 *													100
105	57.6	293.0	51,100 *	62.4	299.1	61,500 *	65.2	301.6	67,600													105
110	55.6	289.6	47,700 *	60.5	296.4	57,000 *	63.3	299.2	63,600													110
115	53.5	286.0	44,600 *	58.5	293.4	52,900 *	61.4	296.5	59,100 *													115
120	51.3	282.1	41,800 *	56.5	290.1	49,300 *	59.5	293.6	54,800 *													120
130	46.9	273.3	37,000 *	52.4	282.9	43,100 *	55.4	287.1	47,600 *	60.3	292.1	47,700										130
140	42.0	262.9	32,900 *	47.9	274.4	38,100 *	51.2	279.6	41,700 *	56.3	285.8	43,200										140
150	36.6	250.5	29,500 *	43.2	264.4	33,800 *	46.7	270.7	36,900 *	52.1	278.5	39,300	57.0	283.1	36,400							150
160	30.5	235.2	26,500 *	38.0	252.6	30,200 *	41.9	260.3	32,800 *	47.7	269.9	36,000	52.9	276.0	33,300							160
170	22.8	214.8	23,800 *	32.0	238.0	27,200 *	36.5	247.9	29,400 *	42.9	259.9	33,000	48.5	267.7	30,500							170
180	10.9	180.9	19,900 *	24.8	219.2	24,500 *	30.3	232.4	26,400 *	37.6	247.9	30,100 *	43.8	257.9	28,100	49.1	264.1	25,800				180
190				14.6	190.6	22,100 *	22.6	211.9	23,800 *	31.6	233.2	27,000 *	38.6	246.4	25,900	44.5	254.6	23,700				190
200							10.3	177.0	21,500 *	24.4	214.0	24,300 *	32.8	232.2	23,900	39.4	243.3	21,900	45.0	249.7	19,900	200
210										13.8	184.4	22,000 *	25.8	214.1	22,100	33.7	229.6	20,200	39.9	238.6	18,400	210
220													16.2	187.5	20,500	26.9	212.2	18,700	34.3	225.2	16,900	220
230																17.9	187.4	17,300	27.6	208.2	15,700	230
240																			18.9	184.5	14,400	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.2	323.8	74,000 *																			60
65	73.6	322.4	72,400 *																			65
70	71.9	320.8	70,700 *																			70
75	70.2	319.0	68,800 *																			75
80	68.5	317.1	66,800 *																			80
85	66.8	315.0	64,600 *	71.0	318.8	70,100 *																85
90	65.0	312.7	62,200 *	69.3	317.0	68,500 *																90
95	63.2	310.3	58,700 *	67.6	314.9	66,200 *																95
100	61.4	307.6	54,400 *	65.8	312.7	63,900 *																100
105	59.6	304.7	50,600 *	64.1	310.4	61,000 *	66.7	312.6	64,500 *													105
110	57.7	301.6	47,200 *	62.3	307.8	56,400 *	64.9	310.3	62,300 *													110
115	55.8	298.3	44,100 *	60.5	305.0	52,400 *	63.1	307.9	58,500 *													115
120	53.9	294.7	41,300 *	58.6	302.0	48,800 *	61.3	305.2	54,200 *													120
130	49.8	286.7	36,400 *	54.8	295.4	42,600 *	57.6	299.2	47,000 *	62.1	303.5	47,200										130
140	45.4	277.5	32,400 *	50.8	287.6	37,500 *	53.7	292.3	41,200 *	58.4	297.7	42,700										140
150	40.8	266.6	28,900 *	46.5	278.7	33,300 *	49.7	284.2	36,400 *	54.6	291.0	38,800										150
160	35.5	253.7	25,900 *	41.9	268.3	29,700 *	45.3	274.9	32,300 *	50.5	283.2	35,500	55.3	288.4	32,700							160
170	29.6	237.8	23,300 *	36.8	255.9	26,600 *	40.6	264.0	28,900 *	46.3	274.2	32,500	51.3	280.9	30,000							170
180	22.1	216.8	21,000 *	31.1	240.8	23,900 *	35.4	251.1	25,900 *	41.6	263.7	29,600 *	47.0	272.1	27,500	51.9	277.1	25,200				180
190	10.5	181.8	17,500 *	24.1	221.3	21,600 *	29.4	235.0	23,300 *	36.5	251.2	26,500 *	42.5	261.9	25,400	47.7	268.6	23,200				190
200				14.2	191.8	19,500 *	21.9	213.8	21,000 *	30.7	235.9	23,800 *	37.5	249.8	23,400	43.2	258.6	21,300				200
210							10.0	177.9	18,900 *	23.7	216.1	21,500 *	31.8	235.1	21,700	38.2	246.8	19,700	43.6	253.7	17,800	210
220										13.4	185.5	19,400 *	25.1	216.3	20,100	32.7	232.5	18,200	38.7	242.1	16,400	220
230													15.7	188.8	18,600	26.1	214.5	16,800	33.3	228.2	15,100	230
240																17.4	188.9	15,600	26.8	210.6	13,900	240
250																			18.4	186.1	12,800	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	76.0	334.2	67,800 *																			60
65	74.4	332.8	66,600 *																			65
70	72.9	331.3	65,200 *																			70
75	71.3	329.7	63,600 *																			75
80	69.7	327.8	62,000 *																			80
85	68.1	325.9	60,300 *																			85
90	66.4	323.7	58,100 *	70.4	327.6	63,700 *																90
95	64.8	321.4	55,800 *	68.8	325.7	61,700 *																95
100	63.1	318.9	53,500 *	67.2	323.7	59,500 *																100
105	61.4	316.3	50,100 *	65.5	321.4	57,400 *	68.0	323.5	59,900 *													105
110	59.6	313.4	46,700 *	63.9	319.0	55,100 *	66.3	321.3	57,900 *													110
115	57.8	310.3	43,600 *	62.2	316.5	51,900 *	64.7	319.0	55,900 *													115
120	56.0	307.0	40,800 *	60.4	313.7	48,300 *	63.0	316.5	53,700 *													120
130	52.3	299.7	35,900 *	56.9	307.5	42,100 *	59.5	311.0	46,500 *													130
140	48.4	291.3	31,900 *	53.2	300.4	37,000 *	55.9	304.5	40,700 *	60.3	309.4	42,200										140
150	44.2	281.6	28,400 *	49.3	292.3	32,800 *	52.2	297.2	35,900 *	56.7	303.2	38,400										150
160	39.6	270.3	25,400 *	45.2	282.9	29,200 *	48.2	288.7	31,800 *	53.0	296.0	35,000	57.3	300.5	32,200							160
170	34.6	256.8	22,800 *	40.7	272.0	26,100 *	44.0	279.0	28,400 *	49.1	287.8	32,100	53.7	293.5	29,500							170
180	28.7	240.4	20,500 *	35.8	259.1	23,400 *	39.5	267.7	25,400 *	44.9	278.4	29,100 *	49.8	285.5	27,100							180
190	21.5	218.7	18,500 *	30.2	243.5	21,100 *	34.4	254.2	22,800 *	40.5	267.4	26,000 *	45.7	276.3	24,900	50.4	281.9	22,700				190
200	10.2	182.6	15,300 *	23.4	223.4	19,000 *	28.6	237.6	20,500 *	35.5	254.4	23,300 *	41.3	265.6	23,000	46.3	272.9	20,900				200
210				13.8	193.0	17,100 *	21.3	215.7	18,500 *	29.9	238.6	21,000 *	36.5	253.1	21,200	41.9	262.4	19,200	46.7	267.9	17,300	210
220							9.7	178.7	16,600 *	23.0	218.1	18,900 *	31.0	237.9	19,700	37.2	250.1	17,800	42.4	257.6	15,900	220
230										13.0	186.7	17,000 *	24.4	218.5	18,200	31.8	235.4	16,400	37.7	245.6	14,700	230
240													15.3	190.2	16,800	25.4	216.7	15,200	32.3	231.1	13,500	240
250																16.9	190.3	14,000	26.1	212.9	12,400	250
260																			17.9	187.6	11,400	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

140 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.2	343.2	61,100 *																			65
70	73.8	341.8	59,900 *																			70
75	72.3	340.2	58,700 *																			75
80	70.7	338.5	57,300 *																			80
85	69.2	336.6	55,900 *																			85
90	67.7	334.6	53,800 *																			90
95	66.1	332.5	51,500 *	69.9	336.4	57,000 *																95
100	64.5	330.1	49,300 *	68.4	334.5	55,000 *																100
105	62.9	327.6	47,000 *	66.8	332.4	52,900 *																105
110	61.3	324.9	44,800 *	65.3	330.1	50,700 *	67.6	332.2	53,300 *													110
115	59.6	322.0	42,700 *	63.7	327.7	48,500 *	66.0	330.1	51,400 *													115
120	58.0	319.0	40,200 *	62.1	325.1	46,300 *	64.4	327.7	49,300 *													120
130	54.5	312.2	35,400 *	58.8	319.4	41,500 *	61.2	322.5	45,100 *													130
140	50.9	304.5	31,300 *	55.3	312.8	36,500 *	57.9	316.5	40,100 *	61.9	320.9	41,700										140
150	47.1	295.6	27,900 *	51.7	305.3	32,200 *	54.4	309.7	35,300 *	58.6	315.0	37,800										150
160	43.0	285.5	24,900 *	48.0	296.7	28,700 *	50.8	302.0	31,300 *	55.1	308.4	34,500										160
170	38.6	273.8	22,300 *	44.0	287.0	25,600 *	46.9	293.1	27,800 *	51.5	300.9	31,600	55.8	305.8	29,000							170
180	33.7	259.9	20,000 *	39.6	275.6	22,900 *	42.9	283.0	24,800 *	47.8	292.3	28,500 *	52.2	298.5	26,500							180
190	28.0	242.9	18,000 *	34.9	262.3	20,500 *	38.4	271.1	22,200 *	43.7	282.4	25,400 *	48.5	290.1	24,400	52.7	294.7	22,100				190
200	21.0	220.5	16,100 *	29.4	246.2	18,400 *	33.5	257.2	20,000 *	39.4	271.0	22,800 *	44.5	280.4	22,500	49.0	286.5	20,300				200
210	10.0	183.5	13,200 *	22.8	225.4	16,600 *	27.8	240.1	17,900 *	34.6	257.5	20,400 *	40.2	269.3	20,700	45.1	277.0	18,700				210
220				13.4	194.2	14,900 *	20.7	217.5	16,100 *	29.1	241.2	18,400 *	35.5	256.3	19,200	40.8	266.2	17,200	45.5	272.2	15,400	220
230							9.5	179.5	14,500 *	22.4	220.1	16,500 *	30.1	240.5	17,700	36.2	253.4	15,900	41.2	261.4	14,100	230
240										12.7	187.8	14,800 *	23.7	220.6	16,400	31.0	238.1	14,700	36.7	248.9	13,000	240
250													14.9	191.4	15,100 *	24.7	218.9	13,500	31.5	233.9	11,900	250
260																16.5	191.8	12,400	25.4	215.2	10,900	260
270																			17.4	189.2	10,000	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	64.0	222.5	137,700 *b																			45
50	59.3	219.6	129,700 *b																			50
55	54.3	216.2	122,400 *b	66.9	222.9	139,300 *b																55
60	49.0	212.1	110,300 *	62.4	220.4	131,600 *b																60
65	43.3	207.2	98,500 *	57.6	217.4	124,500 *b	65.0	220.6	129,300 b													65
70	36.8	201.0	88,800 *	52.5	213.7	118,000 *b	60.4	217.9	117,700 b													70
75	29.0	192.9	80,700 *	47.1	209.3	105,900 *	55.5	214.6	107,900 b													75
80	18.3	180.9	73,900 *	41.1	204.0	94,900 *	50.3	210.7	99,600													80
85				34.2	197.2	85,800 *	44.6	205.9	92,300	58.4	213.6	87,100 b										85
90				25.7	188.2	78,200 *	38.3	200.1	85,900	53.4	210.1	81,100 b										90
95				12.5	172.8	71,700 *	30.9	192.5	80,300	48.0	205.9	75,800										95
100							21.2	181.8	75,300	42.1	200.7	71,100	56.0	208.0	66,900 b							100
105										35.4	194.2	66,900	50.9	204.1	62,900							105
110										27.3	185.7	63,100	45.3	199.4	59,400							110
115										15.5	172.2	59,500	39.1	193.7	56,100							115
120													31.8	186.4	53,200	47.8	196.4	49,900				120
130																35.2	184.7	45,000				130
140																15.0	162.3	40,700				140
150																			37.6 20.0	180.9 161.9	38,200 34,800	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	67.5	233.5	132,200 *b																			45
50	63.5	231.1	124,700 *b																			50
55	59.4	228.3	118,000 *b	70.0	233.7	133,600 *b																55
60	55.1	225.0	111,600 *	66.1	231.6	126,600 *b																60
65	50.5	221.0	99,600 *	62.1	229.0	120,000 *b																65
70	45.6	216.4	89,700 *	57.9	226.0	114,000 *b	64.4	229.3	117,200 b													70
75	40.3	210.9	81,500 *	53.5	222.5	107,100 *	60.3	226.6	107,500 b													75
80	34.3	204.1	74,500 *	48.8	218.3	95,900 *	56.1	223.4	99,100													80
85	27.0	195.3	68,500 *	43.8	213.4	86,700 *	51.6	219.6	91,900	62.7	225.2	86,500 b										85
90	17.1	182.4	63,300 *	38.3	207.5	78,900 *	46.8	215.1	85,600	58.6	222.3	80,500 b										90
95				31.9	200.1	72,300 *	41.5	209.8	80,000	54.2	218.9	75,300										95
100				24.0	190.3	66,600 *	35.7	203.3	75,000	49.6	214.8	70,600										100
105				11.6	173.8	61,600 *	28.8	195.1	69,800 *	44.7	210.0	66,400	56.5	216.7	62,300							105
110							19.7	183.5	64,400 *	39.2	204.3	62,700	52.1	212.9	58,800							110
115										33.0	197.2	59,200	47.3	208.6	55,600							115
120										25.4	187.9	56,100	42.2	203.3	52,700							120
130													29.6	189.1	47,500							130
140																44.5	200.6	44,400				140
150																32.8	187.7	40,300	46.3	196.1	37,600	150
160																14.0	163.5	36,700	35.1	184.1	34,300	160
																			18.6	163.5	31,300	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	70.1	244.3	127,900 *b																			45
50	66.7	242.2	121,000 *b																			50
55	63.1	239.8	114,600 *b																			55
60	59.5	237.0	108,800 *	68.9	242.5	122,800 *b																60
65	55.6	233.7	99,900 *	65.4	240.3	116,700 *b																65
70	51.7	229.9	90,000 *	61.8	237.7	111,000 *	67.4	240.3	116,800 b													70
75	47.4	225.5	81,700 *	58.1	234.7	105,700 *	63.9	238.0	107,000 b													75
80	42.9	220.4	74,700 *	54.3	231.3	96,200 *	60.3	235.2	98,700													80
85	37.9	214.3	68,700 *	50.2	227.3	86,900 *	56.5	232.0	91,500													85
90	32.2	207.0	63,400 *	45.8	222.6	79,100 *	52.6	228.4	85,200	62.4	233.9	80,100										90
95	25.4	197.6	58,800 *	41.1	217.2	72,500 *	48.4	224.1	79,600	58.7	231.0	74,800										95
100	16.0	183.7	54,700 *	35.9	210.7	66,800 *	43.9	219.2	74,700	54.9	227.6	70,200										100
105				30.0	202.8	61,800 *	39.0	213.4	70,000 *	50.9	223.7	66,000										105
110				22.5	192.3	57,400 *	33.5	206.3	64,600 *	46.6	219.2	62,300	56.9	225.3	58,300							110
115				10.9	174.7	53,400 *	27.0	197.5	59,900 *	41.9	213.9	58,900	53.0	221.7	55,100							115
120							18.5	185.1	55,700 *	36.8	207.6	55,800	48.9	217.6	52,200							120
130										23.9	190.0	50,300	39.6	207.0	47,100	50.7	214.3	44,000				130
140													27.9	191.5	42,800	41.8	204.5	39,900				140
150																30.8	190.4	36,400	43.5	200.2	33,800	150
160																13.1	164.6	33,300	33.0	187.1	31,000	160
170																			17.5	165.0	28,400	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.2	256.5	130,400 *b																			40
45	72.2	254.9	123,500 *b																			45
50	69.1	253.1	117,100 *b																			50
55	66.0	250.9	111,200 *																			55
60	62.8	248.5	105,700 *																			60
65	59.5	245.6	99,900 *	68.0	251.2	113,200 *b																65
70	56.1	242.4	89,900 *	64.9	249.0	107,900 *																70
75	52.5	238.7	81,600 *	61.7	246.4	102,900 *	66.7	249.0	106,500													75
80	48.8	234.5	74,600 *	58.3	243.4	96,200 *	63.5	246.6	98,200													80
85	44.8	229.7	68,500 *	54.9	240.0	86,900 *	60.2	243.9	91,000													85
90	40.5	224.1	63,300 *	51.2	236.1	79,000 *	56.9	240.7	84,700													90
95	35.8	217.6	58,700 *	47.4	231.7	72,400 *	53.3	237.2	79,200	62.2	242.6	74,300										95
100	30.5	209.7	54,600 *	43.3	226.6	66,600 *	49.6	233.1	74,200	58.9	239.7	69,600										100
105	24.0	199.7	51,000 *	38.9	220.8	61,600 *	45.7	228.4	69,800	55.4	236.3	65,500										105
110	15.2	185.0	47,700 *	34.0	213.8	57,200 *	41.5	223.0	64,400 *	51.8	232.5	61,800										110
115				28.3	205.3	53,300 *	36.9	216.7	59,700 *	48.1	228.2	58,400	57.3	234.0	54,500							115
120				21.3	194.1	49,800 *	31.7	209.2	55,500 *	44.0	223.3	55,300	53.7	230.5	51,600							120
130							17.5	186.6	48,500 *	34.8	210.8	49,900	46.2	221.9	46,600							130
140										22.6	192.0	45,300	37.4	210.4	42,300	47.9	218.8	39,300				140
150													26.4	193.9	38,600	39.5	208.1	35,900				150
160																29.2	193.0	32,800	41.1	203.9	30,400	160
170																12.4	165.6	30,100	31.2	189.9	27,900	170
180																			16.6	166.5	25,600	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.8	265.4	118,000 *b																			45
50	71.1	263.8	112,200 *b																			50
55	68.3	261.8	106,800 *																			55
60	65.5	259.6	101,700 *																			60
65	62.5	257.1	97,000 *	70.1	262.0	108,600 *b																65
70	59.6	254.3	92,700 *	67.3	259.9	103,800 *																70
75	56.5	251.1	84,100 *	64.4	257.6	99,200 *																75
80	53.2	247.5	76,700 *	61.5	255.0	95,000 *	66.1	257.8	97,700													80
85	49.9	243.4	70,500 *	58.5	252.0	89,500 *	63.2	255.3	90,500													85
90	46.4	238.8	65,000 *	55.3	248.7	81,400 *	60.2	252.5	84,200													90
95	42.6	233.6	60,300 *	52.1	244.9	74,500 *	57.2	249.4	78,700													95
100	38.5	227.6	56,100 *	48.7	240.7	68,500 *	54.0	245.9	73,800	62.0	251.2	69,100										100
105	34.1	220.7	52,400 *	45.1	235.9	63,300 *	50.6	241.9	69,400	59.0	248.3	65,000										105
110	29.0	212.3	49,000 *	41.2	230.4	58,800 *	47.2	237.5	65,400	55.9	245.0	61,200										110
115	22.9	201.7	46,000 *	37.0	224.1	54,800 *	43.4	232.4	61,300 *	52.6	241.3	57,900										115
120	14.4	186.3	42,100 *	32.3	216.7	51,200 *	39.5	226.6	57,000 *	49.2	237.2	54,800	57.5	242.7	51,100							120
130				20.3	195.9	45,000 *	30.2	211.9	49,800 *	41.8	227.1	49,500	51.0	235.3	46,100							130
140							16.7	188.0	43,900 *	33.1	213.8	44,900	43.9	225.9	41,800	52.5	231.9	38,800				140
150										21.5	193.9	41,000	35.6	213.6	38,100	45.6	223.1	35,300				150
160													25.1	196.1	34,900	37.6	211.5	32,400	46.8	218.5	29,800	160
170																27.8	195.5	29,700	39.1	207.5	27,400	170
180																11.8	166.6	27,300	29.7	192.5	25,200	180
190																			15.8	167.8	23,200	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.2	275.8	113,600 *b																			45
50	72.7	274.3	108,300 *b																			50
55	70.2	272.6	103,300 *																			55
60	67.6	270.6	98,600 *																			60
65	65.0	268.3	94,200 *																			65
70	62.3	265.8	90,100 *	69.3	270.8	100,500 *																70
75	59.6	263.0	83,700 *	66.7	268.7	96,300 *																75
80	56.8	259.8	76,400 *	64.1	266.3	92,300 *																80
85	53.8	256.2	70,100 *	61.4	263.7	88,600 *	65.6	266.5	90,000													85
90	50.8	252.3	64,700 *	58.6	260.7	81,000 *	62.9	264.0	83,700													90
95	47.6	247.9	59,900 *	55.7	257.4	74,100 *	60.2	261.2	78,200													95
100	44.3	242.9	55,700 *	52.8	253.7	68,100 *	57.4	258.1	73,300													100
105	40.7	237.3	52,000 *	49.7	249.6	62,900 *	54.5	254.6	68,900	61.8	259.9	64,400										105
110	36.8	231.0	48,600 *	46.4	245.0	58,400 *	51.5	250.8	65,000	59.1	257.0	60,700										110
115	32.5	223.6	45,600 *	43.0	239.9	54,400 *	48.3	246.5	60,900 *	56.2	253.7	57,300										115
120	27.7	214.7	42,900 *	39.3	234.0	50,800 *	45.0	241.7	56,600 *	53.3	250.1	54,300										120
130	13.8	187.4	37,000 *	30.9	219.5	44,600 *	37.7	230.1	49,400 *	47.0	241.6	49,000	54.8	248.0	45,500							130
140				19.4	197.6	39,600 *	28.8	214.4	43,500 *	40.0	230.8	44,400	48.7	239.9	41,300							140
150							15.9	189.4	38,600 *	31.7	216.6	40,500	41.9	229.8	37,600	50.1	236.7	34,700				150
160										20.6	195.7	37,100	34.0	216.7	34,400	43.5	227.1	31,800				160
170													24.0	198.2	31,600	35.9	214.8	29,200	44.7	222.7	26,800	170
180																26.5	197.9	26,900	37.3	210.9	24,600	180
190																11.2	167.6	24,700	28.4	195.0	22,700	190
200																			15.0	169.1	20,900	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.1	284.8	104,400 *																			50
55	71.8	283.2	100,000 *																			55
60	69.4	281.4	95,600 *																			60
65	67.1	279.3	91,500 *																			65
70	64.6	277.0	87,700 *	71.0	281.4	97,300 *																70
75	62.2	274.5	83,700 *	68.6	279.5	93,500 *																75
80	59.6	271.6	76,300 *	66.2	277.4	89,800 *																80
85	57.0	268.5	70,000 *	63.8	275.0	86,300 *	67.6	277.4	89,700													85
90	54.3	265.0	64,500 *	61.3	272.3	81,000 *	65.2	275.2	83,400													90
95	51.5	261.1	59,800 *	58.7	269.4	74,000 *	62.7	272.6	77,900													95
100	48.7	256.9	55,600 *	56.1	266.1	68,000 *	60.2	269.9	73,000													100
105	45.6	252.1	51,800 *	53.4	262.5	62,800 *	57.6	266.8	68,700													105
110	42.4	246.8	48,500 *	50.5	258.5	58,300 *	54.9	263.4	64,700	61.7	268.5	60,400										110
115	39.0	240.9	45,500 *	47.6	254.1	54,200 *	52.2	259.6	60,800 *	59.1	265.6	57,100										115
120	35.3	234.2	42,700 *	44.5	249.2	50,600 *	49.3	255.4	56,500 *	56.5	262.4	54,000										120
130	26.6	217.1	38,000 *	37.7	237.5	44,500 *	43.1	245.7	49,200 *	51.0	254.9	48,700	57.9	260.1	45,200							130
140	13.2	188.6	32,900 *	29.6	222.1	39,400 *	36.1	233.3	43,300 *	45.0	245.8	44,200	52.5	253.0	41,000							140
150				18.6	199.2	35,200 *	27.7	216.9	38,500 *	38.3	234.3	40,300	46.7	244.3	37,400							150
160							15.3	190.7	34,400 *	30.4	219.3	37,000	40.2	233.5	34,200	48.0	241.2	31,500				160
170										19.7	197.4	34,000	32.6	219.6	31,500	41.7	230.9	29,000				170
180													23.0	200.2	29,000	34.4	217.9	26,700	42.8	226.6	24,400	180
190																25.4	200.1	24,600	35.8	214.1	22,500	190
200																10.8	168.5	22,700	27.2	197.5	20,800	200
210																			14.4	170.3	19,200	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.3	295.2	100,400 *																			50
55	73.1	293.7	96,300 *																			55
60	71.0	292.0	92,400 *																			60
65	68.8	290.2	88,500 *																			65
70	66.6	288.1	85,000 *																			70
75	64.3	285.7	81,600 *	70.2	290.2	90,300 *																75
80	62.0	283.1	75,900 *	68.0	288.3	86,900 *																80
85	59.6	280.3	69,600 *	65.8	286.1	83,700 *																85
90	57.2	277.1	64,100 *	63.5	283.7	80,500 *	67.1	286.1	82,900													90
95	54.8	273.7	59,300 *	61.2	281.0	73,600 *	64.8	283.8	77,400													95
100	52.2	269.9	55,100 *	58.8	278.0	67,600 *	62.5	281.3	72,500													100
105	49.5	265.8	51,400 *	56.4	274.8	62,400 *	60.2	278.5	68,200													105
110	46.8	261.2	48,000 *	53.9	271.2	57,800 *	57.8	275.5	64,200													110
115	43.9	256.2	45,000 *	51.3	267.3	53,800 *	55.3	272.1	60,400 *	61.6	277.2	56,500										115
120	40.8	250.6	42,300 *	48.6	263.1	50,200 *	52.8	268.4	56,000 *	59.2	274.3	53,500										120
130	34.0	237.2	37,500 *	42.8	253.1	44,000 *	47.4	259.9	48,800 *	54.3	267.6	48,200										130
140	25.6	219.4	33,500 *	36.3	240.8	39,000 *	41.5	249.5	42,900 *	49.0	259.5	43,700	55.6	265.4	40,400							140
150	12.7	189.7	29,100 *	28.5	224.7	34,700 *	34.8	236.5	38,000 *	43.3	249.8	39,900	50.4	257.7	36,800							150
160				17.9	200.8	31,100 *	26.6	219.3	33,900 *	36.8	237.6	36,500	44.8	248.4	33,700	51.6	254.4	30,900				160
170							14.7	192.0	30,400 *	29.2	222.0	33,600	38.6	237.0	31,000	46.1	245.5	28,400				170
180										19.0	199.0	30,900	31.4	222.4	28,500	40.1	234.6	26,100	47.1	240.9	23,800	180
190													22.1	202.2	26,300	33.1	220.9	24,100	41.2	230.4	21,900	190
200																24.5	202.3	22,200	34.4	217.3	20,200	200
210																10.4	169.3	20,500	26.2	199.8	18,700	210
220																			13.9	171.5	17,200	220



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

150 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.3	304.2	91,000 *																			55
60	72.3	302.6	88,400 *																			60
65	70.3	300.9	85,500 *																			65
70	68.2	298.9	82,300 *																			70
75	66.1	296.8	79,000 *																			75
80	64.0	294.4	75,500 *	69.5	299.1	84,200 *																80
85	61.9	291.8	70,200 *	67.5	297.0	81,200 *																85
90	59.7	288.9	64,700 *	65.4	294.8	78,400 *																90
95	57.4	285.8	59,900 *	63.3	292.3	74,300 *	66.6	294.9	76,900													95
100	55.1	282.4	55,600 *	61.1	289.7	68,200 *	64.5	292.5	72,000													100
105	52.7	278.7	51,800 *	58.9	286.7	62,900 *	62.4	290.0	67,700													105
110	50.3	274.7	48,400 *	56.6	283.5	58,300 *	60.2	287.2	63,800													110
115	47.7	270.2	45,300 *	54.3	280.0	54,200 *	57.9	284.1	60,200													115
120	45.1	265.4	42,600 *	51.9	276.2	50,600 *	55.6	280.8	56,500 *	61.5	285.9	53,000										120
130	39.3	254.2	37,700 *	46.8	267.4	44,300 *	50.8	273.2	49,100 *	57.0	279.8	47,700										130
140	32.8	240.2	33,700 *	41.3	256.9	39,200 *	45.7	264.1	43,200 *	52.3	272.6	43,200										140
150	24.7	221.5	30,200 *	35.0	243.9	35,000 *	40.0	253.1	38,300 *	47.2	264.0	39,400	53.5	270.5	36,300							150
160	12.3	190.7	25,000 *	27.5	227.1	31,300 *	33.5	239.5	34,100 *	41.7	253.6	36,100	48.6	262.3	33,200							160
170				17.3	202.3	28,200 *	25.7	221.5	30,600 *	35.5	240.9	33,100	43.2	252.4	30,500	49.7	259.0	27,900				170
180							14.2	193.2	27,600 *	28.2	224.5	30,500	37.3	240.4	28,100	44.5	249.6	25,600				180
190										18.3	200.6	28,200	30.3	225.2	25,900	38.7	238.1	23,600	45.4	245.1	21,400	190
200													21.4	204.0	23,900	32.0	223.7	21,800	39.7	234.0	19,700	200
210																23.6	204.3	20,100	33.2	220.2	18,200	210
220																10.0	170.2	18,600	25.2	202.0	16,800	220
230																			13.4	172.7	15,500	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.3	314.5	83,400 *																			55
60	73.4	313.1	81,400 *																			60
65	71.6	311.5	79,100 *																			65
70	69.6	309.7	76,600 *																			70
75	67.7	307.7	73,900 *																			75
80	65.8	305.5	71,000 *	70.9	309.7	80,000 *																80
85	63.8	303.1	68,100 *	69.0	307.8	77,400 *																85
90	61.8	300.5	64,800 *	67.0	305.8	74,800 *																90
95	59.7	297.6	59,900 *	65.1	303.5	72,300 *																95
100	57.6	294.5	55,500 *	63.1	301.0	68,400 *	66.2	303.6	71,500													100
105	55.4	291.1	51,700 *	61.0	298.3	63,000 *	64.2	301.2	67,200													105
110	53.2	287.5	48,200 *	59.0	295.4	58,300 *	62.2	298.6	63,300													110
115	50.9	283.5	45,100 *	56.8	292.2	54,100 *	60.2	295.8	59,700													115
120	48.6	279.2	42,300 *	54.7	288.7	50,400 *	58.1	292.8	56,500 *													120
130	43.5	269.4	37,400 *	50.1	280.9	44,100 *	53.7	285.9	49,000 *	59.3	291.6	47,200										130
140	38.0	257.6	33,400 *	45.2	271.6	38,900 *	49.1	277.8	43,000 *	55.0	285.1	42,700										140
150	31.7	243.0	29,900 *	39.9	260.5	34,600 *	44.1	268.2	38,000 *	50.5	277.3	38,900	56.2	282.8	35,700							150
160	23.9	223.6	26,900 *	33.8	247.0	31,000 *	38.7	256.6	33,800 *	45.6	268.2	35,600	51.7	275.4	32,600							160
170	11.9	191.7	22,100 *	26.6	229.5	27,800 *	32.4	242.4	30,300 *	40.3	257.3	32,700	46.9	266.6	29,900	52.7	271.9	27,300				170
180				16.7	203.7	25,100 *	24.8	223.7	27,200 *	34.4	244.0	30,100	41.8	256.3	27,500	48.0	263.5	25,000				180
190							13.7	194.4	24,500 *	27.3	226.9	27,800	36.0	243.7	25,400	43.0	253.5	23,000				190
200										17.7	202.2	25,300 *	29.3	227.8	23,500	37.4	241.5	21,300	43.9	249.2	19,100	200
210													20.7	205.8	21,700	30.9	226.5	19,600	38.4	237.5	17,600	210
220																22.8	206.4	18,100	32.1	223.1	16,200	220
230																9.7	171.0	16,700	24.4	204.2	15,000	230
240																			12.9	173.8	13,800	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.4	323.5	75,100 *																			60
65	72.7	322.0	73,200 *																			65
70	70.9	320.3	71,200 *																			70
75	69.1	318.5	69,000 *																			75
80	67.3	316.4	66,700 *																			80
85	65.4	314.2	64,300 *	70.3	318.5	73,900 *																85
90	63.6	311.8	61,700 *	68.5	316.6	72,300 *																90
95	61.7	309.1	59,100 *	66.6	314.5	70,100 *																95
100	59.7	306.3	55,200 *	64.8	312.2	67,900 *	67.7	314.5	70,700 *													100
105	57.7	303.2	51,400 *	62.9	309.7	62,700 *	65.8	312.3	66,900													105
110	55.7	299.8	47,900 *	61.0	307.0	58,000 *	64.0	309.9	63,000													110
115	53.6	296.2	44,800 *	59.0	304.0	53,800 *	62.1	307.3	59,400													115
120	51.5	292.3	42,000 *	57.0	300.9	50,100 *	60.1	304.5	56,200 *													120
130	47.0	283.6	37,100 *	52.9	293.7	43,800 *	56.2	298.2	48,700 *	61.3	303.2	46,800										130
140	42.2	273.3	33,000 *	48.5	285.4	38,600 *	52.0	290.8	42,600 *	57.3	297.2	42,400										140
150	36.8	261.0	29,600 *	43.8	275.7	34,300 *	47.5	282.2	37,700 *	53.2	290.1	38,600										150
160	30.7	245.8	26,600 *	38.6	264.1	30,600 *	42.7	272.1	33,500 *	48.9	281.9	35,300	54.3	288.0	32,300							160
170	23.1	225.7	23,900 *	32.8	249.9	27,500 *	37.4	260.1	30,000 *	44.2	272.3	32,400	50.0	280.1	29,600							170
180	11.5	192.7	19,600 *	25.8	231.8	24,800 *	31.4	245.2	26,900 *	39.1	260.9	29,800	45.5	270.9	27,300	51.0	276.8	24,700				180
190				16.2	205.1	22,300 *	24.1	225.9	24,200 *	33.3	247.0	27,500	40.5	260.0	25,100	46.5	267.9	22,800				190
200							13.3	195.5	21,900 *	26.4	229.2	25,000 *	34.9	246.8	23,200	41.6	257.4	21,000	47.3	263.3	18,800	200
210										17.2	203.7	22,600 *	28.4	230.3	21,500	36.2	244.8	19,400	42.5	253.1	17,300	210
220													20.0	207.6	19,900	29.9	229.2	17,900	37.2	240.9	16,000	220
230																22.1	208.3	16,600	31.1	225.9	14,700	230
240																9.4	171.8	15,300	23.7	206.2	13,600	240
250																			12.5	174.9	12,500	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.3	333.9	69,000 *																			60
65	73.7	332.5	67,500 *																			65
70	72.0	330.9	65,900 *																			70
75	70.3	329.2	64,200 *																			75
80	68.6	327.2	62,300 *																			80
85	66.9	325.2	60,300 *																			85
90	65.1	322.9	58,200 *	69.7	327.3	67,400 *																90
95	63.4	320.4	56,000 *	68.0	325.4	65,900 *																95
100	61.6	317.8	53,800 *	66.3	323.2	63,600 *																100
105	59.7	314.9	50,800 *	64.5	320.9	61,400 *	67.3	323.2	64,200 *													105
110	57.9	311.8	47,400 *	62.7	318.4	57,500 *	65.5	321.0	62,200 *													110
115	56.0	308.5	44,300 *	60.9	315.6	53,300 *	63.8	318.6	58,900													115
120	54.0	305.0	41,500 *	59.1	312.7	49,600 *	62.0	316.0	55,700 *													120
130	49.9	297.0	36,600 *	55.3	306.1	43,300 *	58.3	310.1	48,200 *	63.0	314.5	46,300										130
140	45.6	287.8	32,500 *	51.3	298.6	38,100 *	54.4	303.4	42,100 *	59.4	309.0	41,900										140
150	40.9	277.0	29,000 *	47.0	289.8	33,800 *	50.4	295.6	37,100 *	55.6	302.5	38,100										150
160	35.7	264.2	26,000 *	42.5	279.6	30,100 *	46.1	286.5	33,000 *	51.6	295.0	34,800	56.6	300.2	31,800							160
170	29.8	248.4	23,400 *	37.5	267.5	27,000 *	41.5	275.9	29,400 *	47.4	286.3	31,900	52.7	293.0	29,100							170
180	22.4	227.7	21,100 *	31.8	252.8	24,200 *	36.3	263.3	26,400 *	42.9	276.2	29,300	48.5	284.6	26,700							180
190	11.1	193.6	17,200 *	25.0	234.0	21,800 *	30.5	248.0	23,700 *	37.9	264.3	27,100	44.1	274.9	24,600	49.5	281.4	22,200				190
200				15.7	206.5	19,700 *	23.4	227.9	21,400 *	32.3	249.9	24,500 *	39.3	263.5	22,700	45.1	272.0	20,400				200
210							12.9	196.6	19,300 *	25.7	231.5	22,000 *	33.9	249.9	21,000	40.4	261.1	18,800	45.9	267.5	16,800	210
220										16.7	205.1	19,900 *	27.6	232.7	19,400	35.1	248.0	17,400	41.2	256.9	15,400	220
230													19.4	209.3	18,000	29.1	231.8	16,100	36.1	244.2	14,200	230
240																21.5	210.2	14,800	30.2	228.6	13,100	240
250																9.1	172.6	13,600	23.0	208.3	12,000	250
260																			12.2	175.9	11,000	260



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

150 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.6	342.9	62,300 *																			65
70	73.0	341.4	61,000 *																			70
75	71.4	339.8	59,500 *																			75
80	69.8	338.0	58,000 *																			80
85	68.2	336.0	56,400 *																			85
90	66.5	333.9	54,700 *	70.8	338.0	62,900 *																90
95	64.9	331.6	52,800 *	69.2	336.1	61,100 *																95
100	63.2	329.1	51,000 *	67.6	334.1	59,200 *																100
105	61.5	326.4	49,100 *	65.9	331.9	57,200 *																105
110	59.7	323.6	46,900 *	64.3	329.6	55,100 *	66.9	332.0	57,800 *													110
115	58.0	320.5	43,800 *	62.6	327.0	52,800 *	65.2	329.7	55,900 *													115
120	56.2	317.2	41,000 *	60.9	324.3	49,100 *	63.6	327.3	54,000 *													120
130	52.4	309.9	36,100 *	57.3	318.2	42,800 *	60.1	321.8	47,700 *													130
140	48.5	301.6	32,000 *	53.7	311.2	37,600 *	56.6	315.6	41,600 *	61.2	320.5	41,400										140
150	44.3	291.9	28,500 *	49.8	303.2	33,300 *	52.9	308.4	36,600 *	57.6	314.5	37,600										150
160	39.8	280.7	25,500 *	45.7	294.0	29,600 *	49.0	300.1	32,500 *	54.0	307.6	34,300										160
170	34.7	267.3	22,900 *	41.3	283.4	26,500 *	44.8	290.7	28,900 *	50.1	299.7	31,400	54.9	305.4	28,600							170
180	29.0	251.0	20,600 *	36.4	270.8	23,700 *	40.3	279.6	25,900 *	46.0	290.6	28,900	51.2	297.8	26,300							180
190	21.8	229.6	18,600 *	30.9	255.5	21,300 *	35.3	266.5	23,200 *	41.7	280.1	26,600	47.1	289.0	24,100	52.0	294.4	21,700				190
200	10.8	194.6	15,000 *	24.4	236.1	19,200 *	29.7	250.6	20,900 *	36.9	267.6	24,000 *	42.8	278.9	22,300	48.1	285.9	20,000				200
210				15.3	207.8	17,300 *	22.7	229.9	18,800 *	31.4	252.7	21,600 *	38.2	267.0	20,500	43.8	276.1	18,400				210
220							12.5	197.7	16,900 *	25.0	233.7	19,400 *	32.9	252.8	19,000	39.3	264.6	16,900	44.6	271.7	14,900	220
230										16.2	206.5	17,500 *	26.8	235.1	17,600	34.2	251.0	15,600	40.1	260.5	13,700	230
240													18.9	210.9	16,300	28.3	234.3	14,400	35.1	247.3	12,600	240
250																20.9	212.0	13,300	29.4	231.2	11,600	250
260																8.8	173.3	12,200	22.3	210.2	10,600	260
270																			11.8	176.9	9,700	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

150 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.3	353.3	57,000 *																			65
70	73.9	351.9	56,000 *																			70
75	72.4	350.3	54,800 *																			75
80	70.8	348.6	53,600 *																			80
85	69.3	346.8	52,300 *																			85
90	67.8	344.8	50,900 *																			90
95	66.2	342.6	49,400 *	70.3	346.8	55,100 *																95
100	64.6	340.3	47,600 *	68.8	344.9	53,200 *																100
105	63.0	337.8	45,400 *	67.2	342.9	51,300 *																105
110	61.4	335.1	43,300 *	65.7	340.6	49,300 *																110
115	59.8	332.2	41,300 *	64.1	338.3	47,200 *	66.6	340.7	50,000 *													115
120	58.1	329.2	39,400 *	62.5	335.7	45,100 *	65.0	338.4	48,200 *													120
130	54.6	322.4	35,600 *	59.2	330.0	41,100 *	61.8	333.3	44,200 *													130
140	51.0	314.7	31,800 *	55.8	323.6	37,300 *	58.5	327.5	40,300 *	62.7	331.9	40,900										140
150	47.2	306.0	28,300 *	52.2	316.2	33,100 *	55.0	320.8	36,500 *	59.4	326.3	37,100										150
160	43.1	295.9	25,200 *	48.4	307.8	29,400 *	51.4	313.2	32,300 *	56.0	319.9	33,800										160
170	38.7	284.2	22,600 *	44.5	298.1	26,200 *	47.6	304.6	28,700 *	52.5	312.6	30,900	56.9	317.5	28,100							170
180	33.8	270.4	20,200 *	40.2	287.0	23,400 *	43.6	294.7	25,600 *	48.8	304.3	28,400	53.4	310.5	25,700							180
190	28.2	253.5	18,200 *	35.5	274.0	21,000 *	39.2	283.2	22,900 *	44.8	294.7	26,200	49.8	302.5	23,600							190
200	21.3	231.4	16,300 *	30.1	258.2	18,800 *	34.4	269.6	20,500 *	40.6	283.8	23,600 *	45.9	293.3	21,700	50.6	299.1	19,400				200
210	10.6	195.5	13,000 *	23.7	238.2	16,900 *	28.9	253.2	18,400 *	35.9	270.9	21,200 *	41.7	282.7	20,000	46.8	290.2	17,800				210
220				14.9	209.1	15,200 *	22.1	231.9	16,500 *	30.6	255.4	19,000 *	37.2	270.4	18,500	42.7	280.0	16,400	47.4	285.6	14,300	220
230							12.2	198.7	14,800 *	24.3	235.9	17,100 *	32.1	255.7	17,100	38.2	268.1	15,100	43.4	275.6	13,100	230
240										15.8	207.9	15,300 *	26.1	237.4	15,800	33.3	254.0	13,900	39.0	264.1	12,000	240
250													18.4	212.5	14,600	27.5	236.7	12,800	34.2	250.4	11,000	250
260																20.4	213.8	11,700	28.6	233.8	10,100	260
270																8.6	174.0	10,700	21.8	212.2	9,200	270
280																			11.5	177.9	8,300	280



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	64.3	232.6	135,600 *b																			45
50	59.6	229.9	128,000 *b																			50
55	54.7	226.5	121,100 *b																			55
60	49.4	222.4	111,900 *	63.5	230.9	131,000 *b																60
65	43.7	217.5	99,800 *	58.8	228.1	124,200 *b	66.6	231.3	128,200 b													65
70	37.2	211.4	89,900 *	53.8	224.6	118,000 *b	62.0	228.8	116,700 b													70
75	29.6	203.6	81,600 *	48.4	220.4	109,600 *	57.2	225.7	107,000 b													75
80	19.3	192.0	74,600 *	42.6	215.3	97,900 *	52.1	222.0	98,700 b													80
85				36.0	209.0	88,400 *	46.6	217.6	91,500	60.9	224.9	85,800 b										85
90				28.0	200.6	80,300 *	40.6	212.1	85,200	56.0	221.7	79,900 b										90
95				16.7	187.8	73,500 *	33.6	205.2	79,700	50.8	217.8	74,700										95
100							24.9	195.9	74,700	45.2	213.2	70,100										100
105							10.7	179.3	70,100	39.0	207.4	65,900	54.4	216.2	61,500 b							105
110										31.7	200.1	62,200	49.2	212.1	58,100							110
115										22.4	189.8	58,700	43.4	207.2	54,900							115
120													36.9	201.0	52,000	52.4	209.2	48,400				120
130													18.6	181.1	46,800	40.9	199.4	43,600				130
140																25.5	183.5	39,600				140
150																			44.0 30.1	195.6 181.8	36,700 33,400	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	67.7	243.7	131,000 *b																			45
50	63.8	241.3	123,900 *b																			50
55	59.7	238.5	117,400 *b																			55
60	55.4	235.2	111,500 *	67.0	242.0	126,900 *b																60
65	50.9	231.3	100,300 *	63.1	239.6	120,600 *b																65
70	46.0	226.8	90,300 *	58.9	236.7	114,700 *b	65.8	240.0	116,200 b													70
75	40.7	221.3	82,000 *	54.6	233.3	109,300 *	61.7	237.4	106,500 b													75
80	34.7	214.6	74,900 *	50.0	229.3	98,400 *	57.6	234.4	98,200													80
85	27.6	206.0	68,900 *	45.1	224.6	88,800 *	53.1	230.8	91,100													85
90	17.9	193.5	63,600 *	39.7	219.0	80,700 *	48.5	226.6	84,800	60.7	233.5	79,300 b										90
95				33.5	212.0	73,800 *	43.4	221.6	79,300	56.5	230.4	74,100										95
100				26.1	202.9	67,900 *	37.8	215.6	74,400	52.0	226.7	69,500										100
105				15.6	189.1	62,800 *	31.3	208.0	69,900	47.3	222.3	65,400										105
110							23.3	198.0	65,900	42.1	217.1	61,700	55.2	224.9	57,500							110
115							10.0	180.2	61,300 *	36.3	210.7	58,300	50.6	221.0	54,300							115
120										29.6	202.7	55,300	45.7	216.4	51,500							120
130													34.4	204.1	46,400	48.7	213.8	43,000				130
140													17.3	182.6	42,100	38.1	202.9	39,100				140
150																23.8	185.6	35,600				150
160																			41.0 28.0	199.4 184.3	32,900 30,100	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	70.3	254.4	126,600 *b																			45
50	66.9	252.4	120,000 *b																			50
55	63.4	250.0	114,000 *b																			55
60	59.7	247.2	108,400 *	69.7	252.9	122,800 *b																60
65	55.9	243.9	100,700 *	66.3	250.8	117,000 *b																65
70	51.9	240.2	90,600 *	62.7	248.3	111,500 *																70
75	47.7	235.8	82,200 *	59.0	245.4	106,400 *	65.1	248.7	106,100 b													75
80	43.2	230.8	75,100 *	55.2	242.1	98,800 *	61.5	246.1	97,800													80
85	38.2	224.8	69,000 *	51.2	238.2	89,000 *	57.8	243.1	90,700													85
90	32.6	217.5	63,800 *	46.9	233.7	80,900 *	53.9	239.6	84,400													90
95	25.9	208.3	59,100 *	42.3	228.5	74,000 *	49.9	235.5	78,900	60.7	242.2	73,700										95
100	16.9	195.0	55,000 *	37.3	222.4	68,100 *	45.5	230.8	74,000	56.9	239.1	69,100										100
105				31.5	214.8	62,900 *	40.8	225.3	69,600	53.0	235.5	65,000										105
110				24.5	205.1	58,400 *	35.5	218.8	65,700	48.8	231.3	61,300										110
115				14.6	190.4	54,400 *	29.4	210.7	61,400 *	44.4	226.4	58,000	55.7	233.7	53,800							115
120							21.9	199.9	57,100 *	39.5	220.7	54,900	51.7	229.9	51,000							120
130										27.8	205.2	49,500	43.0	220.4	46,000							130
140													32.3	207.0	41,800	45.8	218.1	38,600				140
150													16.3	184.0	38,100	35.8	206.1	35,200	48.0	213.8	32,400	150
160																22.4	187.5	32,200	38.5	202.9	29,600	160
170																			26.4	186.6	27,200	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	72.4	265.0	122,100 *b																			45
50	69.3	263.2	116,000 *b																			50
55	66.2	261.1	110,300 *																			55
60	63.0	258.6	105,100 *																			60
65	59.7	255.8	100,100 *	68.8	261.6	113,200 *b																65
70	56.3	252.6	90,600 *	65.7	259.5	108,100 *																70
75	52.8	249.0	82,200 *	62.4	256.9	103,400 *	67.8	259.6	105,500 b													75
80	49.1	244.8	75,000 *	59.1	254.1	98,800 *	64.6	257.4	97,300													80
85	45.1	240.0	68,900 *	55.7	250.8	89,000 *	61.4	254.7	90,200													85
90	40.8	234.5	63,600 *	52.1	247.0	80,800 *	58.1	251.7	83,900													90
95	36.2	228.1	59,000 *	48.4	242.8	73,900 *	54.6	248.3	78,400													95
100	30.9	220.3	54,900 *	44.4	237.9	68,000 *	50.9	244.4	73,600	60.6	250.9	68,500										100
105	24.5	210.5	51,200 *	40.0	232.2	62,800 *	47.1	239.9	69,200	57.2	247.8	64,400										105
110	16.0	196.3	47,900 *	35.3	225.6	58,200 *	43.0	234.8	65,300	53.7	244.2	60,800										110
115				29.8	217.5	54,200 *	38.5	228.9	61,300 *	50.0	240.2	57,400										115
120				23.2	207.1	50,600 *	33.6	221.8	56,900 *	46.1	235.6	54,400	56.2	242.4	50,400							120
130							20.7	201.7	49,600 *	37.4	224.1	49,100	48.9	234.5	45,500							130
140										26.3	207.5	44,600	40.6	224.1	41,300	51.2	231.6	38,000				140
150													30.6	209.8	37,600	43.3	222.1	34,600				150
160													15.4	185.3	34,400	33.9	209.2	31,700	45.3	218.1	29,000	160
170																21.2	189.4	29,100	36.4	206.2	26,600	170
180																			24.9	188.8	24,500	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.0	275.5	116,500 *b																			45
50	71.3	273.9	111,000 *b																			50
55	68.5	272.0	105,900 *																			55
60	65.7	269.8	101,000 *																			60
65	62.8	267.3	96,500 *	70.8	272.3	108,300 *b																65
70	59.8	264.5	92,400 *	68.0	270.4	103,800 *																70
75	56.7	261.3	84,600 *	65.1	268.2	99,500 *																75
80	53.5	257.7	77,200 *	62.2	265.6	95,400 *	67.1	268.4	96,800													80
85	50.1	253.7	70,900 *	59.2	262.7	91,400 *	64.2	266.0	89,600													85
90	46.6	249.2	65,400 *	56.1	259.5	83,200 *	61.3	263.4	83,400													90
95	42.9	244.0	60,600 *	52.9	255.8	76,100 *	58.2	260.4	77,900													95
100	38.8	238.1	56,400 *	49.5	251.7	69,900 *	55.1	257.0	73,100													100
105	34.4	231.2	52,600 *	46.0	247.1	64,500 *	51.8	253.2	68,700	60.5	259.5	63,900										105
110	29.4	222.9	49,200 *	42.2	241.8	59,800 *	48.4	248.9	64,800	57.5	256.4	60,200										110
115	23.3	212.5	46,200 *	38.1	235.7	55,700 *	44.8	244.1	61,300	54.3	253.0	56,900										115
120	15.2	197.6	42,700 *	33.5	228.6	52,000 *	40.9	238.6	58,000	51.0	249.1	53,900										120
130				22.1	209.1	45,700 *	32.0	224.7	50,900 *	43.9	239.7	48,600	53.3	247.5	44,900							130
140							19.7	203.4	44,800 *	35.6	227.3	44,200	46.4	238.8	40,800							140
150										25.0	209.7	40,300	38.6	227.7	37,200	48.6	236.1	34,100				150
160													29.1	212.4	34,000	41.1	225.8	31,200				160
170													14.6	186.6	31,200	32.2	212.1	28,700	43.1	222.0	26,100	170
180																20.1	191.1	26,400	34.7	209.3	24,000	180
190																			23.7	190.9	22,100	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.4	285.9	112,000 *b																			45
50	72.9	284.4	107,000 *b																			50
55	70.4	282.7	102,200 *																			55
60	67.8	280.7	97,700 *																			60
65	65.2	278.5	93,600 *																			65
70	62.5	276.0	89,700 *	69.9	281.1	100,200 *																70
75	59.8	273.2	84,300 *	67.4	279.1	96,300 *																75
80	57.0	270.0	76,900 *	64.7	276.8	92,600 *																80
85	54.0	266.5	70,500 *	62.0	274.3	88,900 *	66.5	277.1	89,100													85
90	51.0	262.6	65,000 *	59.3	271.4	82,900 *	63.9	274.7	82,900													90
95	47.8	258.2	60,200 *	56.4	268.2	75,700 *	61.2	272.1	77,400													95
100	44.5	253.3	56,000 *	53.5	264.6	69,500 *	58.4	269.1	72,600													100
105	40.9	247.8	52,200 *	50.5	260.6	64,100 *	55.5	265.7	68,200													105
110	37.1	241.4	48,800 *	47.3	256.1	59,400 *	52.5	262.0	64,300	60.5	268.2	59,700										110
115	32.9	234.1	45,800 *	43.9	251.1	55,300 *	49.4	257.9	60,800	57.7	265.1	56,400										115
120	28.1	225.4	43,000 *	40.3	245.5	51,600 *	46.2	253.3	57,600	54.8	261.7	53,400										120
130	14.5	198.9	37,600 *	32.0	231.5	45,300 *	39.0	242.1	50,500 *	48.7	253.6	48,100	56.8	259.7	44,300							130
140				21.1	210.9	40,100 *	30.5	227.4	44,400 *	41.9	243.5	43,700	50.9	252.3	40,200							140
150							18.8	205.0	39,400 *	34.0	230.4	39,800	44.3	242.9	36,600	52.7	249.2	33,500				150
160										23.9	211.9	36,500	36.9	231.0	33,500	46.4	240.5	30,600				160
170													27.8	214.8	30,800	39.3	229.4	28,100	48.0	236.2	25,500	170
180													14.0	187.8	28,300	30.8	214.9	25,800	41.1	225.8	23,400	180
190																19.2	192.8	23,800	33.1	212.3	21,500	190
200																			22.7	192.9	19,900	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.3	294.9	103,100 *																			50
55	72.0	293.3	98,800 *																			55
60	69.6	291.5	94,700 *																			60
65	67.2	289.5	90,800 *																			65
70	64.8	287.2	87,100 *																			70
75	62.3	284.6	83,600 *	69.2	289.9	93,200 *																75
80	59.8	281.8	76,800 *	66.8	287.9	89,800 *																80
85	57.2	278.7	70,400 *	64.4	285.5	86,500 *																85
90	54.5	275.2	64,900 *	61.9	282.9	82,800 *	66.0	285.8	82,600													90
95	51.7	271.4	60,100 *	59.3	280.1	75,600 *	63.6	283.4	77,200													95
100	48.9	267.2	55,800 *	56.7	276.9	69,400 *	61.1	280.7	72,300													100
105	45.8	262.5	52,100 *	54.0	273.3	64,000 *	58.5	277.7	68,000													105
110	42.6	257.2	48,700 *	51.2	269.4	59,300 *	55.9	274.4	64,100	63.0	279.6	59,400										110
115	39.2	251.3	45,700 *	48.3	265.1	55,200 *	53.1	270.8	60,600	60.5	276.8	56,100										115
120	35.6	244.7	42,900 *	45.3	260.3	51,500 *	50.3	266.8	57,300	57.9	273.8	53,100										120
130	26.9	227.8	38,100 *	38.6	249.0	45,200 *	44.3	257.4	50,400 *	52.5	266.7	47,900										130
140	13.9	200.1	33,400 *	30.7	234.2	40,000 *	37.4	245.6	44,300 *	46.6	258.0	43,400	54.4	264.9	39,900							140
150				20.3	212.7	35,700 *	29.3	230.0	39,300 *	40.1	247.2	39,600	48.7	256.8	36,400							150
160							18.0	206.6	35,100 *	32.6	233.3	36,300	42.5	246.8	33,300	50.5	253.9	30,400				160
170										22.9	213.9	33,400	35.4	234.2	30,600	44.4	244.6	27,900				170
180													26.7	217.2	28,200	37.6	232.9	25,600	46.0	240.5	23,100	180
190													13.4	188.9	26,000	29.6	217.5	23,600	39.4	229.4	21,300	190
200																18.5	194.4	21,800	31.8	215.2	19,700	200
210																			21.8	194.8	18,100	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.4	305.3	97,000 *																			50
55	73.3	303.8	94,200 *																			55
60	71.1	302.2	91,100 *																			60
65	68.9	300.3	87,700 *																			65
70	66.7	298.2	84,100 *																			70
75	64.5	295.9	80,200 *	70.7	300.6	89,900 *																75
80	62.2	293.3	76,200 *	68.5	298.7	86,700 *																80
85	59.8	290.5	70,000 *	66.3	296.6	83,700 *																85
90	57.4	287.4	64,500 *	64.1	294.2	80,800 *	67.8	296.7	82,100													90
95	54.9	283.9	59,600 *	61.7	291.6	75,200 *	65.6	294.5	76,600													95
100	52.4	280.2	55,400 *	59.4	288.7	69,000 *	63.3	292.1	71,800													100
105	49.7	276.1	51,600 *	57.0	285.5	63,600 *	61.0	289.4	67,500													105
110	47.0	271.5	48,200 *	54.5	282.1	58,900 *	58.6	286.4	63,600													110
115	44.1	266.5	45,200 *	51.9	278.3	54,700 *	56.2	283.1	60,100	62.8	288.3	55,500										115
120	41.0	261.0	42,400 *	49.2	274.1	51,000 *	53.7	279.6	56,900	60.4	285.5	52,500										120
130	34.2	247.8	37,700 *	43.5	264.4	44,700 *	48.3	271.3	49,900 *	55.6	279.1	47,300										130
140	25.9	230.1	33,600 *	37.1	252.4	39,500 *	42.5	261.3	43,800 *	50.4	271.4	42,900	57.3	277.1	39,300							140
150	13.4	201.2	29,600 *	29.6	236.8	35,200 *	36.0	248.8	38,800 *	44.8	262.1	39,100	52.2	269.9	35,800							150
160				19.5	214.4	31,600 *	28.2	232.5	34,600 *	38.6	250.7	35,800	46.8	261.2	32,700							160
170							17.4	208.1	31,000 *	31.4	236.1	32,900	40.8	250.6	30,100	48.5	258.5	27,300				170
180										22.1	215.8	30,300	34.0	237.3	27,700	42.7	248.5	25,100				180
190													25.7	219.5	25,500	36.2	236.2	23,100	44.2	244.6	20,700	190
200													12.9	190.0	23,600	28.4	220.0	21,300	37.9	232.9	19,100	200
210																17.8	196.0	19,700	30.6	217.9	17,600	210
220																			20.9	196.7	16,200	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.4	314.3	86,900 *																			55
60	72.4	312.7	84,400 *																			60
65	70.4	311.0	81,600 *																			65
70	68.4	309.1	78,700 *																			70
75	66.3	306.9	75,600 *																			75
80	64.2	304.6	72,300 *	70.0	309.4	82,700 *																80
85	62.0	302.0	68,900 *	68.0	307.5	80,000 *																85
90	59.8	299.1	65,500 *	65.9	305.3	77,300 *																90
95	57.6	296.0	60,700 *	63.8	302.9	74,700 *	67.3	305.5	76,100													95
100	55.3	292.7	56,300 *	61.6	300.3	70,400 *	65.2	303.2	71,300													100
105	52.9	289.0	52,500 *	59.4	297.4	64,800 *	63.1	300.7	67,000													105
110	50.5	284.9	49,000 *	57.2	294.2	59,900 *	60.9	298.0	63,100													110
115	47.9	280.6	45,900 *	54.9	290.8	55,600 *	58.7	295.1	59,600													115
120	45.3	275.7	43,000 *	52.5	287.0	51,800 *	56.4	291.8	56,400	62.6	296.9	52,000										120
130	39.5	264.6	38,100 *	47.4	278.5	45,400 *	51.7	284.4	50,700 *	58.2	291.1	46,800										130
140	33.0	250.7	34,000 *	42.0	268.2	40,100 *	46.6	275.6	44,400 *	53.5	284.2	42,400										140
150	25.0	232.3	30,500 *	35.8	255.6	35,600 *	41.0	265.0	39,300 *	48.6	276.0	38,600	55.2	282.4	35,300							150
160	12.9	202.3	25,500 *	28.5	239.4	31,900 *	34.7	252.0	35,000 *	43.2	266.1	35,400	50.3	274.6	32,200							160
170				18.8	216.0	28,700 *	27.2	235.0	31,400 *	37.2	254.1	32,500	45.1	265.4	29,600	51.8	271.6	26,700				170
180							16.7	209.5	28,200 *	30.3	238.8	29,900	39.4	254.2	27,200	46.7	262.9	24,500				180
190										21.3	217.7	27,600	32.8	240.2	25,100	41.2	252.3	22,600				190
200													24.8	221.7	23,200	34.9	239.3	20,800	42.6	248.5	18,600	200
210													12.4	191.1	21,400	27.4	222.5	19,300	36.6	236.2	17,100	210
220																17.1	197.5	17,800	29.5	220.5	15,800	220
230																			20.2	198.4	14,500	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.4	324.6	79,900 *																			55
60	73.6	323.2	78,000 *																			60
65	71.7	321.6	75,800 *																			65
70	69.8	319.8	73,400 *																			70
75	67.9	317.8	70,900 *																			75
80	65.9	315.6	68,200 *																			80
85	63.9	313.2	65,300 *	69.4	318.2	77,100 *																85
90	61.9	310.6	62,400 *	67.5	316.2	74,700 *																90
95	59.8	307.8	59,500 *	65.5	314.0	72,300 *																95
100	57.7	304.7	55,800 *	63.6	311.6	69,800 *	66.9	314.2	70,800													100
105	55.6	301.4	51,900 *	61.5	308.9	64,300 *	64.9	311.9	66,500													105
110	53.4	297.7	48,400 *	59.5	306.0	59,400 *	62.9	309.4	62,600													110
115	51.1	293.8	45,300 *	57.4	302.9	55,100 *	60.9	306.7	59,100													115
120	48.7	289.5	42,500 *	55.2	299.5	51,300 *	58.8	303.7	55,900													120
130	43.7	279.8	37,600 *	50.7	291.8	44,800 *	54.5	297.0	50,200 *	60.4	302.8	46,300										130
140	38.2	268.1	33,500 *	45.8	282.8	39,500 *	49.9	289.1	43,900 *	56.1	296.5	41,900										140
150	31.9	253.6	30,000 *	40.6	271.9	35,100 *	45.0	279.8	38,800 *	51.7	289.1	38,100	57.6	294.5	34,700							150
160	24.2	234.4	27,000 *	34.6	258.7	31,400 *	39.7	268.7	34,500 *	46.9	280.4	34,800	53.3	287.5	31,700							160
170	12.5	203.4	22,500 *	27.6	241.8	28,200 *	33.6	255.0	30,800 *	41.8	270.0	32,000	48.6	279.2	29,000							170
180				18.2	217.6	25,400 *	26.3	237.3	27,700 *	36.0	257.4	29,500	43.6	269.4	26,700	50.1	276.3	24,000				180
190							16.2	210.9	25,000 *	29.3	241.5	27,200	38.1	257.7	24,600	45.2	267.0	22,000				190
200										20.6	219.5	25,100			22,700	39.8	256.0	20,300	46.4	262.9	18,000	200
210															21,000	33.8	242.4	18,700	41.2	252.3	16,500	210
220															19,400	26.5	224.8	17,300	35.4	239.4	15,200	220
230																16.6	198.9	15,900	28.5	223.1	14,000	230
240																			19.5	200.1	12,900	240



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

160 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.6	333.6	72,000 *																			60
65	72.8	332.1	70,300 *																			65
70	71.0	330.4	68,400 *																			70
75	69.2	328.6	66,300 *																			75
80	67.4	326.6	64,100 *																			80
85	65.6	324.3	61,800 *	70.7	328.9	73,300 *																85
90	63.7	321.9	59,300 *	68.9	327.0	71,800 *																90
95	61.8	319.3	56,800 *	67.1	325.0	70,000 *																95
100	59.8	316.5	54,300 *	65.2	322.7	67,900 *																100
105	57.9	313.4	51,600 *	63.4	320.2	64,000 *	66.5	322.9	66,200													105
110	55.8	310.1	48,100 *	61.4	317.6	59,100 *	64.6	320.6	62,300													110
115	53.8	306.5	45,000 *	59.5	314.7	54,800 *	62.7	318.1	58,800													115
120	51.6	302.6	42,200 *	57.5	311.6	51,000 *	60.8	315.4	55,600													120
130	47.2	293.9	37,300 *	53.4	304.6	44,500 *	56.9	309.2	49,900 *	62.3	314.3	45,900										130
140	42.4	283.7	33,200 *	49.0	296.4	39,200 *	52.7	302.0	43,600 *	58.4	308.5	41,600										140
150	37.0	271.4	29,700 *	44.4	286.9	34,800 *	48.3	293.7	38,500 *	54.3	301.7	37,800										150
160	30.9	256.4	26,700 *	39.3	275.5	31,100 *	43.6	283.8	34,200 *	50.0	293.8	34,600	55.7	299.8	31,400							160
170	23.4	236.5	24,000 *	33.5	261.7	27,900 *	38.4	272.2	30,500 *	45.4	284.6	31,700	51.5	292.3	28,700							170
180	12.1	204.4	20,000 *	26.7	244.2	25,100 *	32.5	257.9	27,400 *	40.4	273.7	29,200	47.1	283.6	26,400	52.8	289.2	23,700				180
190				17.6	219.1	22,600 *	25.5	239.5	24,700 *	34.9	260.5	27,000	42.2	273.3	24,300	48.5	280.9	21,700				190
200							15.7	212.3	22,300 *	28.4	244.0	24,900	36.9	261.0	22,400	43.7	271.1	20,000				200
210										20.0	221.2	23,100	30.8	245.8	20,800	38.6	259.5	18,500	45.0	267.0	16,200	210
220													23.2	225.8	19,200	32.7	245.3	17,000	39.9	255.9	14,900	220
230													11.7	193.1	17,800	25.7	227.1	15,700	34.3	242.5	13,700	230
240																16.1	200.3	14,500	27.6	225.5	12,600	240
250																			18.9	201.8	11,600	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.4	344.0	66,300 *																		60	
65	73.8	342.6	64,900 *																		65	
70	72.1	341.0	63,400 *																		70	
75	70.4	339.3	61,700 *																		75	
80	68.7	337.4	59,900 *																		80	
85	67.0	335.3	58,000 *																		85	
90	65.3	333.0	56,000 *	70.1	337.7	66,900 *															90	
95	63.5	330.6	53,900 *	68.4	335.8	65,500 *															95	
100	61.7	328.0	51,800 *	66.7	333.7	63,700 *															100	
105	59.9	325.1	49,600 *	64.9	331.4	61,600 *	67.9	333.8	64,000 *												105	
110	58.0	322.1	47,400 *	63.2	328.9	58,600 *	66.1	331.6	61,800												110	
115	56.1	318.8	44,500 *	61.4	326.2	54,300 *	64.4	329.3	58,300												115	
120	54.1	315.2	41,700 *	59.5	323.4	50,500 *	62.6	326.8	55,100												120	
130	50.1	307.3	36,800 *	55.7	316.9	44,000 *	58.9	321.1	49,300 *												130	
140	45.8	298.2	32,600 *	51.8	309.5	38,700 *	55.1	314.5	43,100 *	60.3	320.1	41,000									140	
150	41.1	287.4	29,100 *	47.6	300.9	34,300 *	51.1	306.9	37,900 *	56.6	313.9	37,300									150	
160	35.9	274.7	26,100 *	43.1	290.8	30,500 *	46.9	298.0	33,600 *	52.7	306.7	34,000	57.9	311.8	30,800						160	
170	30.0	259.0	23,500 *	38.1	279.0	27,300 *	42.3	287.7	30,000 *	48.5	298.4	31,200	54.0	304.9	28,200						170	
180	22.7	238.5	21,200 *	32.6	264.7	24,500 *	37.3	275.5	26,900 *	44.1	288.7	28,700	50.0	297.0	25,800						180	
190	11.7	205.4	17,500 *	26.0	246.5	22,100 *	31.6	260.7	24,100 *	39.2	277.3	26,500	45.6	287.8	23,800	51.2	294.0	21,200			190	
200				17.1	220.6	19,900 *	24.7	241.7	21,800 *	33.8	263.6	24,500	41.0	277.1	21,900	47.0	285.2	19,400			200	
210							15.2	213.6	19,600 *				27.5	246.4	22,600 *	42.4	275.0	17,900			210	
220												19.4	222.9	20,400 *	35.8	264.2	20,200				220	
230													29.9	248.5	18,700	37.4	262.9	16,500	43.6	271.1	14,300	230
240													22.5	227.8	17,300	31.8	248.1	15,200	38.7	259.5	13,200	240
250													11.3	194.1	16,000	25.0	229.3	14,000	33.3	245.5	12,100	250
260																15.6	201.6	12,900	26.8	227.9	11,100	260
																			18.4	203.4	10,100	



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

160 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Oper. Rad. Feet
65	74.7	353.0	59,800 *																			65
70	73.1	351.5	58,500 *																			70
75	71.5	349.9	57,200 *																			75
80	69.9	348.1	55,700 *																			80
85	68.3	346.1	54,100 *																			85
90	66.6	344.0	52,500 *																			90
95	65.0	341.7	50,800 *	69.6	346.5	59,500 *																95
100	63.3	339.3	49,000 *	68.0	344.6	57,700 *																100
105	61.6	336.6	47,200 *	66.3	342.4	55,700 *																105
110	59.9	333.8	45,400 *	64.7	340.1	53,700 *	67.5	342.6	56,400 *													110
115	58.1	330.7	43,500 *	63.0	337.6	51,700 *	65.8	340.4	54,700 *													115
120	56.3	327.5	41,700 *	61.3	334.9	49,600 *	64.1	338.0	52,800 *													120
130	52.6	320.2	36,700 *	57.8	328.9	44,100 *	60.7	332.7	48,900 *													130
140	48.6	311.9	32,500 *	54.1	322.1	38,700 *	57.2	326.6	43,200 *	62.0	331.6	40,600										140
150	44.5	302.3	28,900 *	50.3	314.2	34,200 *	53.5	319.6	37,900 *	58.6	325.8	36,800										150
160	39.9	291.1	25,900 *	46.2	305.2	30,400 *	49.6	311.5	33,500 *	54.9	319.1	33,600										160
170	34.9	277.8	23,200 *	41.8	294.7	27,100 *	45.5	302.3	29,800 *	51.1	311.5	30,800	56.2	317.2	27,700							170
180	29.2	261.6	20,900 *	37.1	282.3	24,300 *	41.1	291.5	26,600 *	47.1	302.7	28,300	52.5	309.9	25,400							180
190	22.1	240.4	18,800 *	31.7	267.5	21,800 *	36.2	278.8	23,900 *	42.8	292.6	26,000	48.5	301.6	23,300							190
200	11.4	206.4	15,400 *	25.2	248.7	19,600 *	30.7	263.5	21,400 *	38.1	280.7	24,000	44.4	291.9	21,500	49.8	298.7	19,000				200
210				16.7	222.1	17,700 *	24.1	243.9	19,300 *	32.9	266.5	22,200	39.8	280.7	19,800	45.7	289.5	17,400				210
220							14.8	214.9	17,400 *	26.8	248.8	20,100 *	34.8	267.4	18,300	41.2	278.8	16,000	46.7	285.3	13,900	220
230										18.9	224.6	18,100 *	29.0	251.1	16,900	36.4	266.2	14,800	42.4	275.0	12,700	230
240													21.9	229.7	15,600	30.9	250.9	13,600	37.7	262.9	11,600	240
250													11.0	195.0	14,400	24.3	231.4	12,500	32.3	248.4	10,600	250
260																15.2	202.9	11,500	26.1	230.2	9,700	260
270																			17.9	205.0	8,800	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

160 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.4	363.4	55,000 *																			65
70	74.0	362.0	54,000 *																			70
75	72.5	360.4	52,900 *																			75
80	70.9	358.7	51,700 *																			80
85	69.4	356.9	50,500 *																			85
90	67.9	354.9	49,100 *																			90
95	66.3	352.8	47,700 *	70.7	357.2	55,000 *																95
100	64.7	350.4	46,200 *	69.1	355.3	53,300 *																100
105	63.1	348.0	44,700 *	67.6	353.3	51,400 *																105
110	61.5	345.3	43,100 *	66.0	351.1	49,500 *																110
115	59.9	342.4	41,400 *	64.5	348.8	47,600 *	67.1	351.3	50,300 *													115
120	58.2	339.4	39,500 *	62.9	346.3	45,500 *	65.5	349.1	48,600 *													120
130	54.7	332.7	35,800 *	59.6	340.7	41,600 *	62.3	344.1	44,800 *													130
140	51.1	325.0	32,000 *	56.2	334.3	37,800 *	59.0	338.4	41,000 *													140
150	47.3	316.3	28,400 *	52.6	327.1	33,600 *	55.6	331.9	37,400 *	60.3	337.5	36,300										150
160	43.3	306.3	25,300 *	48.9	318.8	29,800 *	52.1	324.5	33,000 *	56.9	331.3	33,100										160
170	38.9	294.6	22,600 *	45.0	309.3	26,500 *	48.3	316.0	29,300 *	53.4	324.2	30,200										170
180	34.0	280.9	20,300 *	40.7	298.4	23,700 *	44.3	306.3	26,100 *	49.7	316.2	27,800	54.7	322.4	24,800							180
190	28.4	264.2	18,200 *	36.1	285.6	21,300 *	40.0	295.2	23,300 *	45.9	307.0	25,500	51.0	314.7	22,800							190
200	21.5	242.3	16,400 *	30.8	270.3	19,100 *	35.3	282.0	20,900 *	41.7	296.4	23,600	47.2	306.0	20,900	52.2	311.6	18,400				200
210	11.1	207.4	13,300 *	24.6	250.9	17,100 *	29.9	266.2	18,800 *	37.1	284.1	21,800	43.2	295.9	19,300	48.4	303.2	16,900				210
220				16.2	223.5	15,400 *	23.4	245.9	16,900 *	32.0	269.4	19,600 *	38.8	284.2	17,800	44.4	293.6	15,500				220
230							14.4	216.1	15,100 *	26.1	251.1	17,600 *	33.9	270.4	16,400	40.1	282.4	14,200	45.5	289.5	12,100	230
240										18.4	226.2	15,800 *	28.3	253.6	15,100	35.4	269.4	13,100	41.2	278.7	11,100	240
250													21.3	231.6	14,000	30.1	253.6	12,000	36.7	266.2	10,100	250
260													10.7	195.9	12,900	23.6	233.5	11,000	31.5	251.2	9,200	260
270																14.8	204.2	10,100	25.4	232.5	8,300	270
280																			17.4	206.5	7,500	280



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	64.6	242.8	134,400 *b																			45
50	60.0	240.1	127,200 *b																			50
55	55.1	236.7	120,600 *b																			55
60	49.8	232.7	112,800 *	64.6	241.5	129,100 *b																60
65	44.1	227.9	100,600 *	59.9	238.7	121,900 *b																65
70	37.7	221.9	90,500 *	55.0	235.4	115,200 *b	63.6	239.5	115,700 b													70
75	30.2	214.2	82,200 *	49.8	231.4	109,000 *	58.9	236.7	106,100 b													75
80	20.2	203.0	75,100 *	44.1	226.6	100,600 *	53.9	233.2	97,900 b													80
85				37.7	220.6	90,500 *	48.6	229.0	90,700													85
90				30.1	212.8	82,200 *	42.8	224.0	84,500	58.5	233.1	78,800 b										90
95				20.1	201.6	75,100 *	36.2	217.7	79,000	53.5	229.6	73,600 b										95
100							28.2	209.4	74,000	48.2	225.4	69,100										100
105							17.1	196.8	69,600	42.3	220.2	65,000	57.9	228.0	60,300 b							105
110										35.7	213.8	61,300	52.8	224.4	56,900 b							110
115										27.6	205.3	57,900	47.4	220.1	53,800							115
120										16.0	192.1	54,800	41.4	214.8	50,900							120
130													26.3	199.3	45,900	46.1	213.1	42,400				130
140																32.9	200.5	38,500				140
150																8.0	172.0	35,000				150
160																			37.6	198.2	32,200	160
																			20.0	179.2	29,500	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	68.0	253.8	129,700 *b																			45
50	64.1	251.5	122,900 *b																			50
55	60.0	248.7	116,700 *b																			55
60	55.7	245.5	111,100 *	68.0	252.5	124,700 *b																60
65	51.2	241.6	101,100 *	64.0	250.2	118,100 *b																65
70	46.3	237.1	91,000 *	59.9	247.4	111,900 *b	67.1	250.6	115,200 b													70
75	41.1	231.7	82,500 *	55.7	244.1	106,100 *	63.2	248.2	105,600 b													75
80	35.1	225.1	75,400 *	51.2	240.3	100,700 *	59.0	245.3	97,400 b													80
85	28.1	216.7	69,300 *	46.3	235.8	91,000 *	54.7	242.0	90,300													85
90	18.8	204.6	64,000 *	41.0	230.4	82,500 *	50.1	238.0	84,000	62.9	244.6	78,200 b										90
95				35.1	223.8	75,400 *	45.2	233.3	78,600	58.7	241.7	73,100 b										95
100				28.1	215.3	69,300 *	39.8	227.6	73,700	54.4	238.3	68,500										100
105				18.7	203.3	64,000 *	33.7	220.7	69,300	49.8	234.3	64,500										105
110							26.3	211.7	65,300	44.8	229.5	60,800										110
115							15.9	198.1	61,700	39.4	223.8	57,500	53.8	233.2	53,200							115
120										33.2	216.8	54,500	49.1	229.1	50,400							120
130										14.9	193.4	49,000	38.6	218.3	45,500	52.7	226.4	41,800				130
140													24.5	201.4	41,200	42.9	217.0	37,900				140
150																30.6	203.2	34,600	46.3	213.4	31,600	150
160																7.4	172.6	31,500	35.1	201.4	28,900	160
170																			18.6	180.8	26,500	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	70.6	264.5	125,100 *b																			45
50	67.1	262.5	119,000 *b																			50
55	63.6	260.2	113,100 *b																			55
60	60.0	257.4	107,800 *	70.6	263.2	120,300 *b																60
65	56.2	254.2	101,500 *	67.1	261.2	114,300 *b																65
70	52.2	250.4	91,300 *	63.6	258.8	108,600 *b																70
75	48.0	246.1	82,800 *	60.0	256.1	103,300 *	66.4	259.3	105,100 b													75
80	43.5	241.1	75,600 *	56.2	252.8	98,300 *	62.8	256.9	96,900 b													80
85	38.6	235.2	69,400 *	52.2	249.1	91,300 *	59.1	254.0	89,800													85
90	33.0	228.1	64,100 *	48.0	244.8	82,800 *	55.3	250.7	83,600													90
95	26.4	219.0	59,400 *	43.5	239.8	75,600 *	51.3	246.8	78,200	62.6	253.3	72,600										95
100	17.6	206.2	55,300 *	38.6	233.9	69,500 *	47.0	242.4	73,300	58.9	250.4	68,100										100
105				33.0	226.7	64,100 *	42.5	237.2	69,000	55.0	247.1	64,000										105
110				26.4	217.7	59,500 *	37.4	231.1	65,100	51.0	243.2	60,400										110
115				17.6	204.8	55,300 *	31.7	223.6	61,500	46.7	238.7	57,100										115
120							24.7	213.9	58,300	42.1	233.4	54,100	54.5	241.9	49,900							120
130										31.2	219.6	48,800	46.1	233.4	45,000							130
140										14.0	194.6	44,200	36.3	221.6	40,900	49.4	231.1	37,500				140
150													23.0	203.4	37,300	40.3	220.8	34,200				150
160																28.8	205.8	31,300	43.5	217.5	28,500	160
170																6.9	173.2	28,600	33.0	204.4	26,100	170
180																			17.5	182.4	24,000	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	72.6	275.1	120,500 *b																			45
50	69.5	273.3	114,800 *b																			50
55	66.4	271.3	109,300 *b																			55
60	63.3	268.8	104,400 *																			60
65	60.0	266.0	99,700 *	69.5	272.0	110,200 *b																65
70	56.6	262.9	91,200 *	66.4	269.9	105,100 *																70
75	53.0	259.2	82,700 *	63.2	267.5	100,200 *																75
80	49.3	255.1	75,500 *	60.0	264.7	95,500 *	65.7	268.0	96,400													80
85	45.4	250.4	69,300 *	56.6	261.5	91,100 *	62.5	265.5	89,300													85
90	41.1	244.9	64,000 *	53.0	257.9	82,700 *	59.2	262.7	83,100													90
95	36.5	238.5	59,300 *	49.3	253.8	75,500 *	55.8	259.4	77,700													95
100	31.3	230.9	55,100 *	45.4	249.1	69,300 *	52.2	255.7	72,800	62.3	262.0	67,400										100
105	25.0	221.2	51,500 *	41.1	243.6	64,000 *	48.5	251.4	68,500	59.0	259.1	63,400										105
110	16.7	207.6	48,100 *	36.5	237.2	59,300 *	44.5	246.5	64,600	55.6	255.8	59,800										110
115				31.2	229.5	55,200 *	40.1	240.9	61,100	52.0	252.0	56,500										115
120				25.0	219.9	51,500 *	35.4	234.3	57,900	48.2	247.7	53,600										120
130							23.4	216.0	50,800 *	39.8	237.1	48,300	51.4	246.8	44,400							130
140										29.5	222.2	43,900	43.6	237.4	40,300							140
150										13.3	195.7	40,000	34.3	224.7	36,800	46.7	235.5	33,600				150
160													21.8	205.3	33,600	38.1	224.2	30,700				160
170																27.2	208.2	28,200	41.1	221.3	25,500	170
180																6.5	173.7	25,800	31.2	207.2	23,500	180
190																			16.6	183.8	21,600	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.2	285.6	114,900 *b																			45
50	71.5	284.0	109,700 *b																			50
55	68.7	282.1	104,800 *																			55
60	65.9	280.0	100,200 *																			60
65	63.0	277.5	95,900 *																			65
70	60.0	274.7	91,900 *	68.7	280.8	102,200 *																70
75	56.9	271.5	85,200 *	65.8	278.7	97,700 *																75
80	53.7	268.0	77,700 *	62.9	276.2	93,400 *																80
85	50.4	264.0	71,300 *	60.0	273.4	89,200 *	65.2	276.7	88,800													85
90	46.9	259.5	65,800 *	56.9	270.2	85,200 *	62.3	274.2	82,600													90
95	43.1	254.4	60,900 *	53.7	266.7	77,700 *	59.3	271.3	77,200													95
100	39.1	248.5	56,700 *	50.4	262.7	71,300 *	56.2	268.1	72,400													100
105	34.7	241.7	52,900 *	46.8	258.2	65,800 *	53.0	264.4	68,100	62.1	270.6	62,900										105
110	29.7	233.5	49,500 *	43.1	253.0	60,900 *	49.6	260.3	64,200	59.1	267.7	59,300										110
115	23.8	223.3	46,400 *	39.1	247.2	56,700 *	46.0	255.7	60,700	56.0	264.5	56,000										115
120	15.9	209.0	43,400 *	34.7	240.3	52,900 *	42.3	250.4	57,500	52.7	260.8	53,000										120
130				23.8	222.0	46,400 *	33.7	237.3	51,900	45.8	252.0	47,800	55.5	259.4	43,900							130
140							22.3	217.9	45,800 *	37.9	240.5	43,400	48.9	251.4	39,800							140
150										28.1	224.7	39,600	41.4	241.2	36,300	51.5	248.8	33,000				150
160										12.6	196.8	36,200	32.6	227.6	33,200	44.4	239.6	30,200				160
170													20.7	207.1	30,500	36.2	227.5	27,700	46.8	235.8	25,000	170
180																25.9	210.5	25,500	39.1	224.8	22,900	180
190																6.2	174.2	23,400	29.7	209.8	21,100	190
200																			15.8	185.1	19,400	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.6	296.0	110,200 *b																			45
50	73.1	294.5	105,500 *b																			50
55	70.6	292.8	101,100 *																			55
60	68.0	290.9	96,900 *																			60
65	65.4	288.7	92,800 *																			65
70	62.7	286.2	89,100 *	70.5	291.5	98,500 *																70
75	60.0	283.4	84,600 *	68.0	289.6	94,300 *																75
80	57.2	280.2	77,300 *	65.4	287.4	90,400 *																80
85	54.3	276.7	70,900 *	62.7	284.8	86,600 *	67.4	287.7	88,200													85
90	51.2	272.8	65,400 *	60.0	282.0	83,000 *	64.8	285.4	82,100													90
95	48.1	268.5	60,500 *	57.1	278.9	77,300 *	62.1	282.9	76,700													95
100	44.7	263.6	56,300 *	54.2	275.4	70,900 *	59.4	280.0	71,800													100
105	41.2	258.2	52,500 *	51.2	271.5	65,400 *	56.5	276.8	67,500													105
110	37.4	251.9	49,100 *	48.0	267.2	60,500 *	53.6	273.2	63,700	61.9	279.3	58,700										110
115	33.2	244.7	46,000 *	44.7	262.3	56,300 *	50.5	269.2	60,200	59.2	276.4	55,400										115
120	28.4	236.1	43,200 *	41.2	256.8	52,500 *	47.3	264.8	57,000	56.3	273.2	52,500										120
130	15.2	210.3	38,100 *	33.1	243.3	46,000 *	40.4	254.1	51,400	50.3	265.6	47,300										130
140				22.7	224.0	40,700 *	32.2	240.2	45,400 *	43.7	256.0	42,900	52.9	264.4	39,200							140
150							21.3	219.8	40,200 *	36.2	243.8	39,100	46.6	255.8	35,700							150
160										26.9	227.1	35,800	39.6	244.8	32,700	49.1	253.5	29,600				160
170										12.0	197.8	32,900	31.2	230.4	30,000	42.4	243.5	27,100				170
180													19.8	208.9	27,600	34.6	230.7	24,900	44.7	240.0	22,300	180
190																24.8	212.7	23,000	37.3	228.2	20,500	190
200																5.9	174.6	21,100	28.4	212.4	18,900	200
210																			15.0	186.4	17,400	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.4	305.0	100,200 *b																			50
55	72.1	303.4	96,900 *																			55
60	69.8	301.6	93,300 *																			60
65	67.4	299.6	89,300 *																			65
70	65.0	297.4	85,100 *																			70
75	62.5	294.8	80,800 *	69.8	300.3	91,100 *																75
80	60.0	292.0	76,400 *	67.4	298.3	87,500 *																80
85	57.4	288.9	70,800 *	65.0	296.0	84,000 *																85
90	54.7	285.5	65,300 *	62.5	293.5	80,700 *	66.9	296.4	81,800													90
95	51.9	281.7	60,400 *	60.0	290.7	77,300 *	64.4	294.1	76,400													95
100	49.1	277.5	56,100 *	57.4	287.6	70,800 *	61.9	291.5	71,600													100
105	46.0	272.8	52,300 *	54.7	284.2	65,300 *	59.4	288.7	67,300													105
110	42.9	267.6	48,900 *	51.9	280.3	60,400 *	56.8	285.5	63,400													110
115	39.5	261.8	45,900 *	49.0	276.1	56,100 *	54.1	282.0	59,900	61.8	288.0	55,200										115
120	35.8	255.2	43,100 *	46.0	271.5	52,300 *	51.3	278.1	56,800	59.2	285.1	52,200										120
130	27.3	238.5	38,300 *	39.5	260.4	45,900 *	45.4	269.0	51,200	53.9	278.3	47,000										130
140	14.5	211.5	33,900 *	31.8	246.2	40,600 *	38.7	257.7	45,300 *	48.2	270.1	42,700	56.2	276.8	38,900							140
150				21.8	225.9	36,200 *	30.8	242.9	40,100 *	41.9	259.9	38,900	50.7	269.2	35,500							150
160							20.4	221.6	35,700 *	34.7	247.0	35,700	44.7	259.9	32,500	52.9	266.4	29,300				160
170										25.8	229.4	32,800	37.9	248.3	29,800	47.1	257.9	26,900				170
180										11.5	198.8	30,200	29.9	233.1	27,500	40.6	247.2	24,700				180
190													19.0	210.5	25,300	33.2	233.6	22,800	42.8	243.9	20,300	190
200																23.8	214.8	21,000	35.8	231.5	18,700	200
210																5.7	175.1	19,300	27.2	214.8	17,200	210
220																			14.4	187.7	15,900	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.6	315.4	92,300 *																			50
55	73.4	313.9	89,700 *																			55
60	71.3	312.3	86,800 *																			60
65	69.1	310.4	83,600 *																			65
70	66.9	308.4	80,200 *																			70
75	64.6	306.0	76,500 *																			75
80	62.3	303.5	72,800 *	69.1	309.1	84,300 *																80
85	60.0	300.7	69,100 *	66.9	307.0	81,100 *																85
90	57.6	297.6	64,800 *	64.6	304.7	78,100 *																90
95	55.1	294.2	60,000 *	62.3	302.2	75,100 *	66.4	305.2	75,900													95
100	52.5	290.5	55,700 *	60.0	299.4	70,400 *	64.1	302.8	71,100													100
105	49.9	286.4	51,900 *	57.6	296.3	64,800 *	61.8	300.2	66,800													105
110	47.2	281.9	48,500 *	55.1	292.9	60,000 *	59.4	297.3	62,900													110
115	44.3	276.9	45,400 *	52.5	289.1	55,700 *	57.0	294.2	59,400													115
120	41.2	271.4	42,600 *	49.9	285.0	51,900 *	54.5	290.7	56,300	61.6	296.6	51,600										120
130	34.5	258.3	37,800 *	44.2	275.6	45,400 *	49.3	282.7	50,700	56.9	290.6	46,500										130
140	26.2	240.8	33,800 *	38.0	263.9	40,100 *	43.6	273.0	44,800 *	51.8	283.2	42,100										140
150	14.0	212.7	30,000 *	30.6	248.9	35,700 *	37.2	261.0	39,600 *	46.3	274.4	38,400	54.0	281.9	34,900							150
160				21.0	227.7	32,000 *	29.7	245.6	35,300 *	40.3	263.6	35,200	48.7	273.8	31,900							160
170							19.7	223.3	31,600 *	33.4	250.0	32,300	43.0	263.9	29,300	50.8	271.2	26,300				170
180										24.8	231.6	29,800	36.5	251.6	26,900	45.2	262.1	24,100				180
190										11.1	199.7	27,500	28.8	235.7	24,800	39.1	250.8	22,200	47.1	258.2	19,700	190
200													18.3	212.1	22,900	31.9	236.5	20,500	41.2	247.7	18,100	200
210																22.9	216.8	18,900	34.4	234.6	16,700	210
220																5.4	175.5	17,400	26.2	217.1	15,400	220
230																			13.9	188.8	14,100	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.6	324.4	82,900 *																			55
60	72.6	322.8	80,600 *																			60
65	70.6	321.1	78,000 *																			65
70	68.5	319.2	75,200 *																			70
75	66.4	317.1	72,300 *																			75
80	64.3	314.7	69,100 *	70.5	319.8	81,800 *																80
85	62.2	312.2	65,900 *	68.5	317.9	78,900 *																85
90	60.0	309.3	62,700 *	66.4	315.8	76,100 *																90
95	57.7	306.3	59,400 *	64.3	313.4	73,400 *																95
100	55.4	302.9	56,200 *	62.2	310.8	70,700 *	66.0	313.9	70,600													100
105	53.1	299.2	52,700 *	60.0	308.0	66,100 *	63.8	311.5	66,300													105
110	50.6	295.2	49,200 *	57.7	304.9	61,100 *	61.7	308.9	62,400													110
115	48.1	290.9	46,100 *	55.4	301.6	56,600 *	59.5	306.0	59,000													115
120	45.4	286.1	43,200 *	53.1	297.9	52,700 *	57.2	302.8	55,800													120
130	39.7	275.0	38,300 *	48.1	289.5	46,100 *	52.5	295.7	50,300	59.3	302.4	46,000										130
140	33.2	261.3	34,200 *	42.7	279.5	40,700 *	47.5	287.1	45,400 *	54.7	295.8	41,600										140
150	25.3	243.1	30,600 *	36.6	267.2	36,100 *	42.0	276.9	40,100 *	49.9	287.9	37,900	56.7	294.1	34,300							150
160	13.5	213.9	25,900 *	29.5	251.6	32,300 *	35.9	264.3	35,700 *	44.6	278.5	34,700	52.0	286.8	31,400							160
170				20.2	229.5	29,100 *	28.6	248.1	32,000 *	38.8	267.1	31,900	47.0	278.1	28,800							170
180							19.0	224.9	28,700 *	32.2	252.9	29,400	41.4	267.7	26,400	48.9	275.8	23,600				180
190										23.9	233.7	27,100	35.2	254.8	24,400	43.6	266.1	21,700				190
200										10.7	200.6	25,000	27.8	238.1	22,500	37.7	254.2	20,000	45.4	262.4	17,600	200
210													17.6	213.6	20,800	30.8	239.3	18,500	39.7	251.3	16,200	210
220																22.1	218.7	17,000	33.2	237.6	14,900	220
230																5.2	175.9	15,700	25.2	219.3	13,700	230
240																			13.4	190.0	12,600	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.6	334.7	76,500 *																			55
60	73.7	333.3	74,600 *																			60
65	71.8	331.7	72,500 *																			65
70	69.9	329.9	70,300 *																			70
75	68.0	328.0	67,800 *																			75
80	66.0	325.8	65,300 *																			80
85	64.1	323.4	62,600 *	69.9	328.6	75,800 *																85
90	62.0	320.8	59,800 *	68.0	326.7	73,300 *																90
95	60.0	318.0	57,000 *	66.0	324.5	70,800 *																95
100	57.9	314.9	54,200 *	64.0	322.1	68,400 *	67.6	324.8	68,800 *													100
105	55.7	311.6	51,500 *	62.0	319.5	65,600 *	65.6	322.6	65,800													105
110	53.5	308.0	48,700 *	60.0	316.7	60,500 *	63.6	320.2	61,900													110
115	51.2	304.1	45,500 *	57.9	313.6	56,100 *	61.6	317.5	58,400													115
120	48.9	299.8	42,700 *	55.7	310.3	52,200 *	59.5	314.6	55,300													120
130	43.9	290.1	37,800 *	51.2	302.8	45,500 *	55.2	308.1	49,800	61.4	314.0	45,400										130
140	38.4	278.5	33,600 *	46.4	293.9	40,100 *	50.7	300.5	44,900 *	57.3	307.9	41,100										140
150	32.1	264.1	30,100 *	41.2	283.3	35,600 *	45.9	291.4	39,600 *	52.9	300.8	37,400										150
160	24.5	245.2	27,100 *	35.4	270.4	31,800 *	40.6	280.6	35,200 *	48.2	292.4	34,200	54.8	299.4	30,800							160
170	13.1	215.0	22,800 *	28.5	254.1	28,500 *	34.7	267.4	31,400 *	43.1	282.5	31,400	50.2	291.6	28,200							170
180				19.6	231.2	25,700 *	27.7	250.6	28,200 *	37.6	270.5	28,900	45.4	282.4	25,900	52.0	288.9	23,000				180
190							18.3	226.5	25,400 *	31.1	255.6	26,600	40.0	271.3	23,800	47.3	280.2	21,100				190
200										23.1	235.7	24,600	34.0	257.9	22,000	42.1	270.0	19,400				200
210										10.3	201.5	22,800	26.9	240.5	20,300	36.4	257.5	17,900	43.9	266.5	15,600	210
220													17.1	215.1	18,800	29.8	241.9	16,500	38.4	254.8	14,300	220
230																21.3	220.6	15,200	32.1	240.4	13,100	230
240																5.0	176.3	14,000	24.4	221.5	12,100	240
250																			12.9	191.1	11,000	250



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

170 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.7	343.7	69,100 *																			60
65	72.9	342.2	67,400 *																			65
70	71.1	340.6	65,500 *																			70
75	69.4	338.7	63,600 *																			75
80	67.5	336.7	61,400 *																			80
85	65.7	334.5	59,200 *																			85
90	63.8	332.1	56,900 *	69.3	337.4	70,400 *																90
95	61.9	329.5	54,500 *	67.5	335.4	68,300 *																95
100	60.0	326.7	52,100 *	65.7	333.2	66,100 *																100
105	58.0	323.6	49,700 *	63.8	330.8	63,900 *	67.1	333.5	64,300 *													105
110	56.0	320.3	47,300 *	61.9	328.2	60,200 *	65.3	331.3	61,600													110
115	53.9	316.7	44,900 *	60.0	325.3	55,800 *	63.4	328.8	58,100													115
120	51.8	312.9	42,400 *	58.0	322.3	51,900 *	61.5	326.2	55,000													120
130	47.3	304.2	37,400 *	53.9	315.4	45,200 *	57.6	320.2	49,500													130
140	42.5	294.1	33,300 *	49.6	307.4	39,800 *	53.5	313.2	44,600 *	59.4	319.7	40,800										140
150	37.2	281.9	29,800 *	45.0	298.0	35,300 *	49.1	305.1	39,300 *	55.4	313.2	37,100										150
160	31.2	266.9	26,800 *	39.9	286.9	31,500 *	44.4	295.5	34,900 *	51.2	305.6	33,900	57.1	311.5	30,500							160
170	23.7	247.3	24,100 *	34.3	273.5	28,200 *	39.4	284.2	31,100 *	46.7	296.8	31,100	53.0	304.4	27,900							170
180	12.7	216.1	20,300 *	27.7	256.6	25,400 *	33.6	270.5	27,900 *	41.8	286.3	28,600	48.6	296.1	25,600							180
190				19.0	232.9	22,900 *	26.8	253.0	25,100 *	36.4	273.8	26,400	43.9	286.4	23,600	50.3	293.6	20,800				190
200							17.8	228.1	22,700 *	30.2	258.3	24,400	38.8	274.9	21,700	45.8	284.5	19,200				200
210										22.4	237.7	22,600	33.0	260.8	20,100	40.8	273.7	17,600	47.3	280.6	15,300	210
220										10.0	202.4	20,900	26.0	242.8	18,600	35.3	260.7	16,300	42.5	270.4	14,000	220
230													16.5	216.6	17,200	28.9	244.5	15,000	37.2	258.2	12,900	230
240																20.7	222.4	13,800	31.1	243.2	11,800	240
250																4.9	176.7	12,700	23.7	223.6	10,800	250
260																			12.5	192.2	9,900	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.6	354.1	63,700 *																			60
65	73.9	352.7	62,400 *																			65
70	72.2	351.1	60,900 *																			70
75	70.5	349.4	59,200 *																			75
80	68.8	347.5	57,500 *																			80
85	67.1	345.4	55,700 *																			85
90	65.4	343.2	53,700 *	70.5	348.1	66,000 *																90
95	63.6	340.8	51,700 *	68.8	346.2	65,000 *																95
100	61.8	338.1	49,700 *	67.1	344.1	63,500 *																100
105	60.0	335.3	47,600 *	65.4	341.9	61,500 *																105
110	58.1	332.3	45,500 *	63.6	339.5	59,600 *	66.7	342.3	59,800 *													110
115	56.2	329.0	43,400 *	61.8	336.8	55,300 *	65.0	340.0	57,600													115
120	54.3	325.5	41,400 *	60.0	334.0	51,400 *	63.2	337.5	54,500													120
130	50.2	317.6	36,900 *	56.2	327.7	44,700 *	59.6	332.0	49,000													130
140	45.9	308.5	32,800 *	52.3	320.4	39,300 *	55.8	325.5	44,100 *	61.3	331.3	40,200										140
150	41.3	297.8	29,300 *	48.1	311.9	34,800 *	51.8	318.1	38,800 *	57.6	325.3	36,600										150
160	36.1	285.2	26,200 *	43.6	302.1	31,000 *	47.6	309.5	34,300 *	53.7	318.3	33,400										160
170	30.2	269.6	23,600 *	38.8	290.5	27,700 *	43.1	299.5	30,600 *	49.6	310.3	30,600	55.4	316.8	27,300							170
180	23.0	249.3	21,200 *	33.3	276.5	24,900 *	38.2	287.7	27,400 *	45.3	301.0	28,100	51.4	309.3	25,000							180
190	12.3	217.1	17,800 *	26.8	258.9	22,400 *	32.6	273.4	24,600 *	40.5	290.1	25,900	47.2	300.5	23,000	52.9	306.4	20,200				190
200				18.4	234.5	20,200 *	26.1	255.3	22,100 *	35.3	277.0	23,900	42.6	290.3	21,200	48.8	298.2	18,600				200
210							17.3	229.6	20,000 *	29.3	261.0	22,100	37.6	278.3	19,600	44.4	288.6	17,100				210
220										21.8	239.6	20,500	32.0	263.7	18,100	39.6	277.3	15,700	45.9	284.8	13,400	220
230										9.7	203.2	18,900 *	25.3	245.1	16,700	34.3	263.8	14,500	41.2	274.2	12,300	230
240													16.1	218.0	15,400	28.0	247.0	13,300	36.1	261.5	11,200	240
250																20.1	224.2	12,300	30.2	245.9	10,300	250
260																4.7	177.1	11,200	23.0	225.6	9,400	260
270																			12.2	193.2	8,500	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.8	363.1	57,500 *																			65
70	73.2	361.6	56,200 *																			70
75	71.6	360.0	55,000 *																			75
80	70.0	358.2	53,600 *																			80
85	68.4	356.3	52,100 *																			85
90	66.8	354.2	50,500 *																			90
95	65.1	351.9	48,900 *	70.0	356.9	59,300 *																95
100	63.4	349.5	47,100 *	68.4	355.0	57,600 *																100
105	61.7	346.8	45,400 *	66.8	352.9	55,800 *																105
110	60.0	344.0	43,600 *	65.1	350.6	54,000 *	68.0	353.1	56,300 *													110
115	58.2	340.9	41,800 *	63.4	348.1	52,000 *	66.4	351.0	54,800 *													115
120	56.4	337.7	40,000 *	61.7	345.5	50,000 *	64.7	348.7	53,100 *													120
130	52.7	330.5	36,500 *	58.2	339.6	44,900 *	61.3	343.5	48,500													130
140	48.8	322.2	32,600 *	54.6	332.9	39,300 *	57.8	337.5	43,900	62.9	342.6	39,700										140
150	44.6	312.6	29,100 *	50.8	325.1	34,700 *	54.2	330.7	38,800 *	59.5	337.0	36,100										150
160	40.1	301.5	26,000 *	46.7	316.3	30,800 *	50.3	322.8	34,200 *	55.9	330.6	32,900										160
170	35.1	288.3	23,300 *	42.4	306.0	27,500 *	46.3	313.8	30,400 *	52.1	323.3	30,100	57.4	328.9	26,800							170
180	29.4	272.3	20,900 *	37.7	293.9	24,600 *	41.9	303.3	27,200 *	48.2	314.8	27,700	53.8	321.9	24,600							180
190	22.4	251.3	18,800 *	32.4	279.4	22,100 *	37.1	291.0	24,300 *	44.0	305.0	25,500	49.9	313.9	22,600							190
200	11.9	218.2	15,700 *	26.1	261.3	19,900 *	31.7	276.2	21,800 *	39.4	293.7	23,500	45.8	304.8	20,800	51.4	311.3	18,100				200
210				17.9	236.0	17,900 *	25.3	257.5	19,700 *	34.3	280.1	21,700	41.4	294.1	19,100	47.4	302.6	16,600				210
220							16.8	231.0	17,700 *	28.5	263.5	20,100	36.6	281.6	17,600	43.2	292.6	15,200				220
230										21.2	241.5	18,600 *	31.1	266.5	16,300	38.5	280.8	14,000	44.6	289.0	11,800	230
240										9.5	204.0	16,700 *	24.6	247.2	15,000	33.3	266.8	12,900	40.1	277.8	10,800	240
250													15.6	219.3	13,900	27.3	249.4	11,800	35.1	264.7	9,800	250
260																19.5	225.9	10,800	29.4	248.6	8,900	260
270																4.6	177.4	9,900	22.3	227.6	8,100	270
280																			11.8	194.2	7,300	280



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

170 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.6	373.5	53,000 *																			65
70	74.1	372.1	52,000 *																			70
75	72.6	370.5	51,000 *																			75
80	71.1	368.8	49,800 *																			80
85	69.5	367.0	48,600 *																			85
90	68.0	365.0	47,300 *																			90
95	66.4	362.9	45,900 *																			95
100	64.9	360.6	44,500 *	69.5	365.7	53,200 *																100
105	63.3	358.1	43,000 *	68.0	363.7	51,500 *																105
110	61.6	355.5	41,500 *	66.4	361.6	49,700 *																110
115	60.0	352.6	39,900 *	64.8	359.3	47,900 *	67.6	361.9	50,400 *													115
120	58.3	349.6	38,400 *	63.2	356.8	45,900 *	66.1	359.7	48,800 *													120
130	54.9	342.9	35,300 *	60.0	351.3	42,100 *	62.9	354.9	45,300 *													130
140	51.3	335.3	32,100 *	56.6	345.1	38,400 *	59.6	349.3	41,700 *													140
150	47.5	326.6	28,500 *	53.1	337.9	34,100 *	56.2	342.9	38,000 *	61.2	348.6	35,500										150
160	43.4	316.6	25,400 *	49.4	329.8	30,200 *	52.7	335.7	33,700 *	57.8	342.6	32,400										160
170	39.0	305.1	22,700 *	45.5	320.5	26,900 *	49.0	327.4	29,900 *	54.3	335.8	29,600										170
180	34.2	291.4	20,400 *	41.3	309.7	24,000 *	45.0	318.0	26,600 *	50.7	328.0	27,100	55.9	334.2	24,000							180
190	28.6	274.8	18,300 *	36.7	297.2	21,500 *	40.8	307.1	23,800 *	46.9	319.2	25,000	52.3	326.9	22,000							190
200	21.8	253.2	16,400 *	31.5	282.2	19,300 *	36.1	294.3	21,300 *	42.8	309.0	23,000	48.6	318.5	20,200							200
210	11.6	219.1	13,500 *	25.4	263.5	17,400 *	30.9	279.0	19,100 *	38.4	297.1	21,200	44.6	308.9	18,600	50.0	316.0	16,000				210
220				17.4	237.5	15,600 *	24.7	259.7	17,200 *	33.4	283.1	19,600	40.3	297.8	17,100	46.1	306.9	14,700				220
230							16.3	232.5	15,400 *	27.7	266.0	18,100 *	35.6	284.8	15,800	42.0	296.4	13,400	47.4	303.0	11,200	230
240										20.6	243.3	16,200 *	30.3	269.2	14,600	37.5	284.2	12,300	43.4	293.0	10,200	240
250										9.2	204.8	14,600 *	23.9	249.3	13,400	32.4	269.7	11,300	39.0	281.4	9,200	250
260													15.2	220.6	12,300	26.5	251.8	10,300	34.2	267.7	8,400	260
270																19.0	227.5	9,400	28.6	251.1	7,600	270
280																4.5	177.8	8,500	21.8	229.5	6,800	280
290																			11.5	195.2	6,100	290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	65.0	253.0	133,000 *b																			45
50	60.3	250.3	126,000 *b																			50
55	55.4	247.0	119,700 *b																			55
60	50.2	243.0	113,800 *b	65.7	252.0	124,800 *b																60
65	44.5	238.3	101,300 *	61.1	249.4	117,900 *b																65
70	38.2	232.4	91,200 *	56.2	246.2	111,400 *b	65.2	250.3	114,600 b													70
75	30.8	224.8	82,700 *	51.1	242.4	105,400 *b	60.6	247.6	105,100 b													75
80	21.0	214.0	75,500 *	45.5	237.8	99,900 *	55.7	244.3	97,000 b													80
85				39.3	232.1	92,800 *	50.5	240.4	89,900 b													85
90				32.1	224.9	84,100 *	44.8	235.7	83,700	61.0	244.3	77,500 b										90
95				22.9	214.8	76,700 *	38.6	229.9	78,200	56.2	241.1	72,400 b										95
100				3.1	191.3	67,800 *	31.2	222.4	73,400	51.0	237.3	68,000 b										100
105							21.6	211.9	69,000	45.4	232.7	63,900										105
110										39.2	227.0	60,300	56.3	236.3	55,500 b							110
115										32.0	219.7	57,000	51.2	232.5	52,500							115
120										22.8	209.6	53,900	45.6	227.9	49,700							120
130													32.2	215.0	44,800	50.8	226.0	41,000				130
140													4.1	182.5	40,500	38.9	215.6	37,200				140
150																22.3	197.9	33,900				150
160																44.0	212.9	30,800	44.0	212.9	30,800	160
																30.1	199.1	28,100				



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	68.3	263.9	128,100 *b																			45
50	64.3	261.6	121,700 *b																			50
55	60.3	258.9	115,800 *b																			55
60	56.0	255.7	110,300 *	68.9	262.9	120,400 *b																60
65	51.5	251.9	101,900 *	65.0	260.7	114,100 *b																65
70	46.7	247.4	91,600 *	61.0	258.0	108,100 *b																70
75	41.5	242.1	83,100 *	56.7	254.9	102,600 *	64.6	258.9	104,600 b													75
80	35.6	235.6	75,900 *	52.3	251.2	97,400 *	60.5	256.2	96,400 b													80
85	28.7	227.4	69,700 *	47.5	246.9	92,500 *	56.2	253.0	89,400													85
90	19.6	215.7	64,300 *	42.4	241.7	84,500 *	51.8	249.3	83,200													90
95				36.6	235.4	77,000 *	47.0	244.8	77,800	60.9	253.0	71,800 b										95
100				29.9	227.5	70,700 *	41.8	239.6	73,000	56.7	249.8	67,400										100
105				21.4	216.7	65,200 *	35.9	233.1	68,700	52.2	246.1	63,400										105
110				2.8	191.4	58,400 *	29.1	225.0	64,700	47.5	241.8	59,800										110
115							20.2	213.6	61,200	42.3	236.6	56,500	56.8	245.0	51,800							115
120										36.5	230.3	53,500	52.3	241.3	49,100							120
130										21.2	211.5	48,300	42.4	231.8	44,300							130
140													30.0	217.7	40,200	47.2	230.5	36,600				140
150													3.7	182.7	36,400	36.3	218.9	33,300				150
160																20.7	199.7	30,500				160
170																			41.0	216.7	27,500	170
																			28.0	201.6	25,200	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	70.8	274.7	123,500 *b																			45
50	67.4	272.7	117,500 *b																			50
55	63.9	270.3	112,000 *b																			55
60	60.2	267.6	106,900 *																			60
65	56.5	264.4	102,100 *	68.0	271.7	110,300 *b																65
70	52.5	260.7	91,900 *	64.5	269.4	104,900 *b																70
75	48.3	256.5	83,300 *	60.9	266.7	99,700 *	67.6	269.9	101,900 *b													75
80	43.8	251.5	76,100 *	57.1	263.6	94,900 *	64.1	267.6	96,000 b													80
85	38.9	245.7	69,900 *	53.2	260.0	90,400 *	60.4	264.9	89,000													85
90	33.4	238.6	64,500 *	49.0	255.9	84,700 *	56.7	261.7	82,800													90
95	27.0	229.7	59,800 *	44.6	251.0	77,300 *	52.7	258.1	77,400													95
100	18.4	217.3	55,600 *	39.8	245.4	70,900 *	48.6	253.9	72,600	60.8	261.6	66,900										100
105				34.4	238.6	65,400 *	44.1	248.9	68,300	57.0	258.5	62,900										105
110				28.1	230.1	60,500 *	39.2	243.2	64,400	53.1	254.9	59,300										110
115				20.1	218.4	56,300 *	33.8	236.2	60,900	49.0	250.8	56,100										115
120				2.6	191.5	50,800 *	27.3	227.4	57,700	44.6	245.9	53,100	57.1	253.7	48,600							120
130										34.3	233.4	48,000	49.1	246.0	43,800							130
140										19.9	213.2	43,500	39.9	235.5	39,800	52.9	243.7	36,100				140
150													28.2	220.2	36,300	44.3	234.6	32,900				150
160													3.5	182.9	33,000	34.1	222.0	30,100	48.0	231.2	27,000	160
170																19.5	201.4	27,600	38.5	220.2	24,800	170
180																			26.4	204.0	22,800	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	72.8	285.2	118,600 *b																			45
50	69.8	283.5	113,200 *b																			50
55	66.7	281.4	108,100 *b																			55
60	63.5	279.0	103,300 *																			60
65	60.2	276.2	98,900 *	70.3	282.4	106,300 *b																65
70	56.8	273.1	91,900 *	67.2	280.4	101,300 *b																70
75	53.3	269.5	83,300 *	64.0	278.1	96,600 *																75
80	49.6	265.4	76,000 *	60.8	275.4	92,200 *	66.8	278.7	94,000 *b													80
85	45.7	260.7	69,700 *	57.4	272.3	87,900 *	63.7	276.3	88,400													85
90	41.5	255.3	64,300 *	53.9	268.8	84,000 *	60.4	273.6	82,300													90
95	36.8	249.0	59,600 *	50.2	264.8	77,200 *	57.0	270.4	76,900													95
100	31.6	241.5	55,400 *	46.3	260.2	70,800 *	53.5	266.9	72,100													100
105	25.5	232.0	51,700 *	42.2	254.9	65,200 *	49.8	262.8	67,800	60.7	270.3	62,300										105
110	17.4	218.8	48,400 *	37.6	248.8	60,400 *	45.9	258.1	64,000	57.3	267.2	58,700										110
115				32.6	241.5	56,100 *	41.7	252.8	60,500	53.8	263.7	55,500										115
120				26.6	232.4	52,300 *	37.1	246.5	57,300	50.2	259.7	52,600										120
130				2.4	191.6	44,600 *	25.9	229.7	51,700	42.1	249.8	47,500	53.9	258.9	43,200							130
140										32.5	236.3	43,100	46.4	250.3	39,200							140
150										18.9	214.8	39,300	37.7	238.9	35,800	50.0	248.4	32,200				150
160													26.7	222.6	32,700	41.9	238.5	29,500				160
170													3.2	183.2	29,900	32.2	224.9	27,100	45.3	235.4	24,100	170
180																18.4	203.0	24,900	36.4	223.5	22,200	180
190																			24.9	206.2	20,400	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.4	295.7	113,000 *b																			45
50	71.7	294.1	108,100 *b																			50
55	68.9	292.3	103,500 *																			55
60	66.1	290.1	99,200 *																			60
65	63.2	287.7	95,000 *																			65
70	60.2	284.9	89,900 *	69.4	291.2	98,500 *b																70
75	57.1	281.8	84,400 *	66.5	289.1	94,100 *																75
80	53.9	278.3	78,200 *	63.7	286.7	90,000 *																80
85	50.6	274.3	71,700 *	60.7	284.0	86,000 *	66.2	287.4	87,600 *													85
90	47.1	269.8	66,100 *	57.6	281.0	82,300 *	63.3	285.0	81,800													90
95	43.4	264.7	61,200 *	54.5	277.5	78,700 *	60.4	282.2	76,400													95
100	39.4	258.9	56,900 *	51.2	273.6	72,800 *	57.3	279.1	71,600													100
105	35.0	252.2	53,100 *	47.7	269.2	67,000 *	54.1	275.6	67,400													105
110	30.1	244.2	49,700 *	44.0	264.3	62,100 *	50.8	271.7	63,500	60.6	278.9	58,200										110
115	24.3	234.1	46,600 *	40.1	258.6	57,700 *	47.3	267.2	60,000	57.6	275.9	55,000										115
120	16.6	220.2	43,800 *	35.8	252.0	53,800 *	43.6	262.2	56,900	54.4	272.4	52,100										120
130				25.3	234.7	47,100 *	35.3	249.7	51,300	47.7	264.1	47,000	57.7	271.1	42,700							130
140				2.2	191.8	38,100 *	24.6	231.9	46,600	40.0	253.5	42,600	51.2	263.7	38,700							140
150										30.9	239.1	38,900	44.1	254.4	35,300							150
160										18.0	216.4	35,600	35.9	242.2	32,300	47.5	252.8	29,000				160
170													25.4	224.8	29,600	39.9	242.1	26,600				170
180													3.0	183.3	27,100	30.7	227.6	24,400	43.1	239.4	21,700	180
190																17.6	204.6	22,500	34.7	226.7	19,900	190
200																			23.7	208.3	18,300	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.7	306.1	106,000 *b																			45
50	73.3	304.6	102,700 *b																			50
55	70.7	303.0	98,900 *																			55
60	68.2	301.0	94,700 *																			60
65	65.6	298.8	90,200 *																			65
70	62.9	296.3	85,500 *																			70
75	60.2	293.6	80,800 *	68.6	300.0	90,800 *																75
80	57.4	290.5	76,100 *	66.0	297.8	87,000 *																80
85	54.5	287.0	71,300 *	63.4	295.4	83,400 *																85
90	51.4	283.1	65,700 *	60.6	292.7	79,900 *	65.7	296.1	81,200													90
95	48.3	278.8	60,800 *	57.8	289.6	76,600 *	63.0	293.6	75,900													95
100	45.0	274.0	56,500 *	55.0	286.2	72,400 *	60.3	290.9	71,100													100
105	41.4	268.6	52,700 *	52.0	282.4	66,700 *	57.5	287.8	66,800													105
110	37.6	262.4	49,300 *	48.8	278.2	61,700 *	54.6	284.3	63,000													110
115	33.5	255.2	46,200 *	45.5	273.5	57,300 *	51.6	280.5	59,500	60.6	287.6	54,400										115
120	28.8	246.7	43,400 *	42.1	268.2	53,400 *	48.5	276.2	56,400	57.8	284.6	51,500										120
130	15.8	221.6	38,500 *	34.2	255.1	46,700 *	41.6	266.0	50,900	51.9	277.3	46,400										130
140				24.2	236.8	41,300 *	33.7	252.8	46,200	45.5	268.4	42,100	55.0	276.3	38,100							140
150				2.1	191.9	33,700 *	23.5	234.0	41,100 *	38.2	257.0	38,400	48.9	268.3	34,700							150
160										29.5	241.7	35,100	42.1	258.3	31,700	51.8	266.1	28,300				160
170										17.2	217.9	32,300	34.3	245.3	29,100	45.3	257.1	26,000				170
180													24.3	227.0	26,800	38.1	245.6	23,900	48.0	253.5	21,000	180
190													2.9	183.5	24,600	29.3	230.2	22,000	41.1	243.1	19,300	190
200																16.8	206.0	20,200	33.1	229.6	17,800	200
210																			22.7	210.2	16,300	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.6	315.1	95,100 *b																			50
55	72.3	313.5	92,100 *																			55
60	69.9	311.8	88,700 *																			60
65	67.6	309.8	85,000 *																			65
70	65.1	307.5	81,100 *																			70
75	62.7	305.0	77,100 *	70.3	310.7	87,600 *																75
80	60.2	302.2	73,000 *	68.0	308.8	84,200 *																80
85	57.6	299.1	68,900 *	65.6	306.5	80,800 *																85
90	54.9	295.7	64,900 *	63.1	304.1	77,700 *	67.7	307.0	78,600 *													90
95	52.1	291.9	60,700 *	60.6	301.3	74,600 *	65.3	304.8	75,600													95
100	49.3	287.8	56,400 *	58.0	298.3	71,600 *	62.8	302.3	70,800													100
105	46.3	283.1	52,600 *	55.4	294.9	66,600 *	60.3	299.5	66,600													105
110	43.1	278.0	49,100 *	52.6	291.2	61,500 *	57.7	296.5	62,700													110
115	39.7	272.2	46,100 *	49.8	287.1	57,100 *	55.0	293.1	59,300													115
120	36.1	265.6	43,300 *	46.8	282.6	53,200 *	52.3	289.3	56,100	60.5	296.3	51,200										120
130	27.6	249.2	38,400 *	40.3	271.9	46,600 *	46.4	280.6	50,600	55.3	289.9	46,100										130
140	15.2	222.9	34,300 *	32.8	258.1	41,200 *	39.9	269.7	46,000	49.7	282.0	41,800	58.0	288.4	37,800							140
150				23.2	238.8	36,700 *	32.3	255.7	40,900 *	43.6	272.4	38,200	52.6	281.4	34,400							150
160				2.0	192.0	30,100 *	22.6	236.0	36,500 *	36.7	260.3	35,000	46.8	272.7	31,500							160
170										28.3	244.3	32,100	40.3	262.0	28,900	49.6	270.8	25,700				170
180										16.5	219.3	29,600	32.8	248.2	26,600	43.4	261.1	23,600				180
190													23.3	229.0	24,500	36.5	248.9	21,800	46.0	257.8	19,000	190
200													2.7	183.7	22,500	28.1	232.7	20,100	39.4	246.8	17,500	200
210																16.1	207.4	18,500	31.8	232.5	16,100	210
220																			21.8	212.2	14,900	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.7	325.4	87,700 *b																			50
55	73.6	324.0	85,300 *																			55
60	71.4	322.4	82,600 *																			60
65	69.3	320.6	79,600 *																			65
70	67.0	318.5	76,400 *																			70
75	64.8	316.2	73,100 *																			75
80	62.5	313.7	69,600 *	69.6	319.5	81,600 *																80
85	60.1	310.9	66,100 *	67.4	317.5	78,600 *																85
90	57.7	307.8	62,600 *	65.2	315.2	75,700 *																90
95	55.3	304.4	59,100 *	62.9	312.8	72,800 *	67.2	315.8	73,600 *													95
100	52.7	300.7	55,700 *	60.5	310.0	70,000 *	64.9	313.5	70,300													100
105	50.1	296.7	52,400 *	58.2	307.0	66,800 *	62.6	311.0	66,000													105
110	47.3	292.2	49,100 *	55.7	303.7	61,700 *	60.3	308.2	62,200													110
115	44.5	287.3	45,900 *	53.2	300.0	57,200 *	57.9	305.1	58,800													115
120	41.4	281.8	43,100 *	50.5	296.0	53,200 *	55.4	301.8	55,600	62.8	307.7	50,600										120
130	34.7	268.8	38,200 *	45.0	286.8	46,500 *	50.2	294.0	50,200	58.1	301.9	45,600										130
140	26.6	251.5	34,000 *	38.8	275.4	41,000 *	44.6	284.7	45,500	53.1	294.9	41,300										140
150	14.6	224.1	30,300 *	31.6	260.9	36,400 *	38.4	273.2	40,700 *	47.8	286.5	37,600	55.7	293.8	33,800							150
160				22.4	240.8	32,600 *	31.1	258.5	36,200 *	41.9	276.3	34,400	50.6	286.1	30,900							160
170				1.9	192.1	26,800 *	21.7	237.9	32,400 *	35.3	263.5	31,600	45.0	276.9	28,300	53.0	283.7	25,100				170
180										27.3	246.7	29,200	38.8	265.5	26,100	47.6	275.2	23,000				180
190										15.8	220.6	26,900				41.8	264.9	21,200				190
200													22.4	231.0	22,200	35.1	252.1	19,500	44.2	261.9	16,900	200
210													2.6	183.9	20,400	27.1	235.1	18,000	37.9	250.2	15,500	210
220																15.5	208.7	16,600	30.6	235.2	14,300	220
230																			20.9	214.0	13,100	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.7	334.4	79,000 *																			55
60	72.7	332.9	76,900 *																			60
65	70.7	331.2	74,400 *																			65
70	68.7	329.3	71,800 *																			70
75	66.6	327.2	69,000 *																			75
80	64.5	324.9	66,100 *	71.0	330.2	78,600 *																80
85	62.3	322.3	63,100 *	69.0	328.3	75,800 *																85
90	60.1	319.5	60,000 *	66.9	326.2	73,100 *																90
95	57.9	316.5	57,000 *	64.8	323.9	70,500 *																95
100	55.6	313.1	54,000 *	62.7	321.4	68,000 *	66.7	324.5	68,600 *													100
105	53.2	309.5	51,100 *	60.5	318.7	65,500 *	64.6	322.2	65,500													105
110	50.8	305.5	48,200 *	58.3	315.6	62,200 *	62.4	319.6	61,700													110
115	48.3	301.2	45,400 *	56.0	312.4	57,700 *	60.3	316.9	58,300													115
120	45.6	296.4	42,800 *	53.6	308.8	53,600 *	58.0	313.8	55,200													120
130	40.0	285.4	38,000 *	48.7	300.6	46,800 *	53.4	306.9	49,700	60.5	313.6	45,000										130
140	33.5	271.8	33,700 *	43.3	290.8	41,300 *	48.4	298.6	45,100	56.0	307.3	40,800										140
150	25.6	253.8	30,000 *	37.4	278.8	36,700 *	43.0	288.7	41,000 *	51.2	299.8	37,100										150
160	14.1	225.3	26,300 *	30.4	263.6	32,800 *	37.0	276.5	36,400 *	46.0	290.8	34,000	53.7	298.9	30,300							160
170				21.6	242.7	29,400 *	30.0	261.2	32,600 *	40.4	280.0	31,200	48.7	290.7	27,800							170
180				1.8	192.2	22,900 *	21.0	239.7	29,300 *	34.0	266.6	28,700	43.4	280.9	25,600	51.1	288.5	22,500				180
190										26.3	249.0	26,500	37.4	268.9	23,500	45.9	279.5	20,600				190
200										15.3	222.0	24,500	30.5	253.8	21,700	40.3	268.6	19,000				200
210													21.6	232.9	20,100	33.9	255.1	17,500	42.6	265.8	15,000	210
220													2.5	184.1	18,500	26.1	237.5	16,200	36.6	253.5	13,800	220
230																14.9	210.0	14,900	29.5	237.9	12,700	230
240																			20.2	215.8	11,600	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.7	344.8	73,000 *																			55
60	73.8	343.4	71,300 *																			60
65	71.9	341.8	69,300 *																			65
70	70.0	340.1	67,200 *																			70
75	68.1	338.1	64,900 *																			75
80	66.2	335.9	62,400 *																			80
85	64.2	333.6	59,900 *	70.4	339.0	72,800 *																85
90	62.2	331.0	57,300 *	68.5	337.1	70,400 *																90
95	60.1	328.2	54,700 *	66.5	335.0	67,900 *																95
100	58.0	325.1	52,000 *	64.5	332.6	65,600 *																100
105	55.9	321.8	49,400 *	62.5	330.1	63,400 *	66.3	333.2	63,800 *													105
110	53.7	318.2	46,900 *	60.5	327.3	61,200 *	64.3	330.9	61,200													110
115	51.4	314.4	44,400 *	58.4	324.3	57,100 *	62.3	328.3	57,800													115
120	49.1	310.1	42,000 *	56.2	321.1	53,100 *	60.2	325.5	54,700													120
130	44.1	300.5	37,400 *	51.8	313.7	46,300 *	56.0	319.2	49,200	62.5	325.0	44,500										130
140	38.6	289.0	33,400 *	47.0	305.0	40,700 *	51.5	311.7	44,600	58.4	319.2	40,200										140
150	32.4	274.7	29,800 *	41.9	294.6	36,100 *	46.8	302.9	40,500 *	54.0	312.4	36,600										150
160	24.8	256.0	26,700 *	36.1	282.1	32,200 *	41.6	292.5	35,900 *	49.4	304.4	33,400	56.3	311.2	29,700							160
170	13.6	226.5	23,200 *	29.4	266.3	28,900 *	35.8	279.8	32,000 *	44.5	294.9	30,700	51.8	303.8	27,200							170
180				20.9	244.5	26,000 *	29.0	263.7	28,700 *	39.1	283.5	28,200	47.1	295.1	25,000							180
190				1.7	192.3	20,300 *	20.3	241.5	25,900 *	32.9	269.5	26,000	41.9	284.7	23,000	49.3	293.1	20,000				190
200										25.4	251.3	24,100	36.2	272.2	21,200	44.4	283.6	18,400				200
210										14.8	223.2	22,200	29.5	256.4	19,600	38.9	272.2	16,900	46.4	280.2	14,400	210
220													20.9	234.7	18,100	32.7	258.1	15,600	41.2	269.6	13,200	220
230													2.4	184.2	16,600	25.2	239.7	14,400	35.4	256.7	12,100	230
240																14.4	211.3	13,200	28.5	240.4	11,100	240
250																			19.5	217.5	10,100	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.8	353.8	66,100 *																			60
65	73.0	352.3	64,500 *																			65
70	71.3	350.7	62,700 *																			70
75	69.5	348.9	60,900 *																			75
80	67.7	346.8	58,900 *																			80
85	65.8	344.7	56,700 *																			85
90	64.0	342.3	54,500 *	69.8	347.8	67,600 *																90
95	62.1	339.7	52,300 *	68.0	345.8	65,600 *																95
100	60.1	336.9	50,000 *	66.1	343.7	63,400 *																100
105	58.1	333.8	47,700 *	64.3	341.3	61,400 *	67.8	344.1	61,500 *													105
110	56.1	330.5	45,400 *	62.4	338.8	59,400 *	65.9	341.9	59,600 *													110
115	54.1	327.0	43,200 *	60.4	336.0	56,800 *	64.1	339.6	57,500													115
120	51.9	323.2	41,000 *	58.5	333.0	52,800 *	62.2	337.0	54,300													120
130	47.5	314.6	36,800 *	54.4	326.2	46,000 *	58.3	331.1	48,900													130
140	42.7	304.4	33,000 *	50.1	318.4	40,400 *	54.2	324.3	44,300	60.4	330.9	39,900										140
150	37.4	292.4	29,600 *	45.6	309.2	35,800 *	49.9	316.4	40,100 *	56.4	324.7	36,300										150
160	31.4	277.5	26,500 *	40.6	298.3	31,900 *	45.3	307.1	35,600 *	52.3	317.4	33,100										160
170	24.0	258.1	23,900 *	35.0	285.2	28,600 *	40.3	296.2	31,700 *	47.8	308.9	30,400	54.4	316.4	26,900							170
180	13.2	227.6	20,600 *	28.5	268.8	25,700 *	34.7	282.9	28,400 *	43.1	298.9	27,900	50.2	308.5	24,700							180
190				20.2	246.3	23,200 *	28.1	266.2	25,600 *	37.8	287.0	25,800	45.6	299.3	22,700	52.2	306.1	19,700				190
200				1.7	192.4	18,000 *	19.6	243.2	23,100 *	31.9	272.4	23,800	40.6	288.5	20,900	47.7	297.6	18,100				200
210										24.7	253.4	22,000	35.0	275.4	19,300	43.0	287.5	16,700				210
220										14.3	224.5	20,400	28.6	259.0	17,900	37.7	275.6	15,300	45.0	284.4	12,900	220
230													20.3	236.5	16,500	31.7	260.9	14,100	39.9	273.3	11,800	230
240													2.3	184.4	15,200	24.5	241.8	13,000	34.3	259.8	10,800	240
250																14.0	212.5	11,900	27.6	242.9	9,900	250
260																			18.9	219.1	9,000	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.7	364.2	61,100 *																			60
65	74.0	362.8	59,800 *																			65
70	72.4	361.2	58,300 *																			70
75	70.7	359.5	56,800 *																			75
80	69.0	357.6	55,100 *																			80
85	67.2	355.6	53,400 *																			85
90	65.5	353.4	51,600 *	71.0	358.5	63,100 *																90
95	63.7	350.9	49,700 *	69.3	356.6	62,500 *																95
100	61.9	348.3	47,700 *	67.5	354.6	60,900 *																100
105	60.1	345.5	45,700 *	65.8	352.4	59,100 *																105
110	58.3	342.5	43,700 *	64.0	350.0	57,200 *	67.3	352.9	57,200 *													110
115	56.4	339.2	41,700 *	62.2	347.4	55,400 *	65.6	350.6	55,500 *													115
120	54.4	335.7	39,800 *	60.4	344.6	52,300 *	63.8	348.2	53,800													120
130	50.4	327.9	36,000 *	56.7	338.4	45,400 *	60.2	342.8	48,400													130
140	46.1	318.8	32,500 *	52.8	331.2	39,900 *	56.5	336.6	43,800	62.2	342.3	39,400										140
150	41.4	308.2	29,200 *	48.6	322.9	35,300 *	52.5	329.3	39,600 *	58.5	336.6	35,700										150
160	36.3	295.7	26,300 *	44.2	313.3	31,400 *	48.4	320.9	35,000 *	54.7	329.9	32,600										160
170	30.5	280.2	23,700 *	39.4	301.9	28,100 *	43.9	311.2	31,200 *	50.7	322.1	29,900	56.7	328.5	26,300							170
180	23.3	260.2	21,300 *	34.0	288.3	25,200 *	39.1	299.7	27,900 *	46.4	313.2	27,400	52.8	321.4	24,100							180
190	12.8	228.7	18,100 *	27.7	271.3	22,700 *	33.7	285.9	25,000 *	41.8	302.7	25,300	48.6	313.1	22,200							190
200				19.6	248.0	20,500 *	27.3	268.7	22,600 *	36.7	290.3	23,300	44.2	303.4	20,400	50.6	310.9	17,500				200
210				1.6	192.5	15,800 *	19.1	244.9	20,300 *	30.9	275.2	21,600	39.4	292.1	18,800	46.3	301.9	16,100				210
220										23.9	255.6	20,000	34.0	278.4	17,400	41.7	291.4	14,800				220
230										13.9	225.7	18,500	27.7	261.4	16,000	36.6	278.9	13,600	43.6	288.4	11,200	230
240													19.7	238.2	14,800	30.8	263.7	12,500	38.7	276.8	10,200	240
250													2.2	184.5	13,500	23.8	243.9	11,500	33.3	262.8	9,300	250
260																13.6	213.6	10,500	26.8	245.2	8,500	260
270																			18.4	220.7	7,700	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.9	373.2	55,200 *																			65
70	73.3	371.7	54,000 *																			70
75	71.7	370.1	52,800 *																			75
80	70.1	368.3	51,500 *																			80
85	68.5	366.4	50,000 *																			85
90	66.9	364.3	48,500 *																			90
95	65.2	362.1	46,900 *	70.4	367.3	57,400 *																95
100	63.5	359.6	45,300 *	68.8	365.4	56,900 *																100
105	61.8	357.0	43,600 *	67.2	363.3	55,700 *																105
110	60.1	354.2	41,900 *	65.5	361.1	54,000 *																110
115	58.3	351.2	40,200 *	63.8	358.7	52,200 *	67.0	361.6	53,900 *													115
120	56.6	347.9	38,500 *	62.1	356.1	50,300 *	65.3	359.3	52,400 *													120
130	52.8	340.7	35,100 *	58.6	350.3	45,600 *	61.9	354.3	47,900													130
140	48.9	332.5	31,900 *	55.0	343.7	39,900 *	58.4	348.5	43,300													140
150	44.8	323.0	28,900 *	51.2	336.1	35,200 *	54.8	341.8	39,400	60.4	348.2	35,300										150
160	40.3	311.9	26,100 *	47.2	327.3	31,200 *	51.0	334.1	35,000 *	56.8	342.0	32,100										160
170	35.3	298.8	23,400 *	42.9	317.2	27,900 *	47.0	325.3	31,000 *	53.1	334.9	29,400										170
180	29.6	282.9	21,000 *	38.3	305.4	24,900 *	42.7	315.1	27,700 *	49.2	326.8	27,000	55.0	333.8	23,600							180
190	22.7	262.2	18,900 *	33.0	291.3	22,400 *	38.0	303.2	24,800 *	45.1	317.4	24,800	51.3	326.2	21,700							190
200	12.5	229.8	15,900 *	26.9	273.7	20,100 *	32.7	288.9	22,300 *	40.6	306.4	22,900	47.3	317.5	19,900							200
210				19.1	249.7	18,100 *	26.6	271.0	20,000 *	35.7	293.5	21,200	43.0	307.4	18,300	49.1	315.5	15,600				210
220				1.5	192.6	13,800 *	18.6	246.5	18,000 *	30.1	277.8	19,600	38.3	295.5	16,900	45.0	306.0	14,300				220
230										23.3	257.6	18,100	33.1	281.4	15,600	40.5	295.1	13,100	46.7	302.6	10,700	230
240										13.5	226.8	16,800	27.0	263.8	14,400	35.6	282.1	12,000	42.4	292.3	9,700	240
250													19.1	239.9	13,200	30.0	266.4	11,000	37.7	280.2	8,800	250
260													2.2	184.7	12,100	23.1	246.0	10,100	32.3	265.7	8,000	260
270																13.2	214.8	9,200	26.1	247.5	7,200	270
280																			17.9	222.3	6,500	280



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

180 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.7	383.5	51,000 *																			65
70	74.2	382.2	50,000 *																			70
75	72.7	380.6	49,000 *																			75
80	71.2	379.0	47,900 *																			80
85	69.6	377.1	46,700 *																			85
90	68.1	375.2	45,500 *																			90
95	66.5	373.0	44,200 *																			95
100	65.0	370.8	42,800 *	69.9	376.1	52,300 *																100
105	63.4	368.3	41,400 *	68.4	374.2	51,400 *																105
110	61.7	365.7	39,900 *	66.8	372.1	49,800 *																110
115	60.1	362.8	38,400 *	65.2	369.8	48,100 *																115
120	58.4	359.8	36,900 *	63.6	367.4	46,300 *	66.6	370.3	48,900 *													120
130	55.0	353.2	34,000 *	60.4	362.0	42,500 *	63.5	365.6	45,800 *													130
140	51.4	345.6	31,000 *	57.0	355.8	38,800 *	60.2	360.2	42,200 *													140
150	47.6	336.9	28,300 *	53.5	348.8	34,600 *	56.8	353.9	38,700 *	62.0	359.7	34,700										150
160	43.6	327.0	25,500 *	49.8	340.8	30,700 *	53.3	346.9	34,400 *	58.7	353.9	31,600										160
170	39.2	315.5	22,800 *	46.0	331.6	27,300 *	49.6	338.8	30,500 *	55.3	347.3	28,900										170
180	34.4	301.9	20,500 *	41.8	321.1	24,400 *	45.7	329.6	27,100 *	51.7	339.8	26,400	57.0	345.9	23,100							180
190	28.8	285.5	18,400 *	37.3	308.8	21,800 *	41.5	318.9	24,200 *	47.9	331.2	24,300	53.5	338.9	21,100							190
200	22.1	264.1	16,500 *	32.2	294.2	19,600 *	37.0	306.5	21,700 *	43.9	321.4	22,400	49.9	330.9	19,400							200
210	12.1	230.9	13,800 *	26.2	276.0	17,600 *	31.9	291.7	19,500 *	39.5	310.0	20,700	46.0	321.7	17,800	51.6	328.5	15,000				210
220				18.6	251.3	15,800 *	25.9	273.3	17,500 *	34.8	296.7	19,100	41.8	311.2	16,400	47.8	319.9	13,700				220
230				1.5	192.6	11,900 *	18.1	248.1	15,700 *	29.3	280.5	17,600	37.3	298.9	15,100	43.8	310.1	12,500				230
240										22.7	259.6	16,300	32.2	284.3	13,900	39.4	298.7	11,500	45.5	306.8	9,100	240
250										13.2	228.0	15,000 *	26.3	266.2	12,800	34.6	285.3	10,500	41.2	296.1	8,200	250
260													18.6	241.5	11,700	29.2	269.0	9,500	36.7	283.5	7,400	260
270													2.1	184.8	10,700	22.5	248.0	8,700	31.5	268.5	6,700	270
280																12.9	215.9	7,800	25.4	249.8	5,900	280
290																			17.4	223.8	5,200	290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	65.3	263.1	120,100 *b																			45
50	60.6	260.5	113,900 *b																			50
55	55.8	257.2	108,100 *b																			55
60	50.6	253.3	102,900 *b																			60
65	44.9	248.6	98,200 *	62.2	260.0	111,700 *b																65
70	38.7	242.8	91,800 *	57.5	257.0	106,000 *b																70
75	31.3	235.4	83,300 *	52.4	253.3	100,500 *b	62.2	258.4	103,700 *b													75
80	21.8	224.9	76,000 *	46.9	248.9	95,500 *	57.4	255.4	96,000 b													80
85				40.9	243.5	90,800 *	52.3	251.7	89,000 b													85
90				34.0	236.7	86,100 *	46.9	247.3	82,900													90
95				25.5	227.6	78,400 *	40.8	241.9	77,500	58.7	252.5	71,200 b										95
100				12.0	211.9	71,800 *	33.9	235.1	72,600	53.7	249.0	66,800 b										100
105							25.4	225.9	68,300	48.4	244.8	62,800										105
110							11.7	210.1	64,300	42.5	239.7	59,200										110
115										35.9	233.4	56,000	54.7	244.6	51,100 b							115
120										27.9	225.0	53,000	49.4	240.5	48,400							120
130													37.3	229.6	43,700							130
140													19.3	210.1	39,500	44.2	229.6	35,800				140
150																30.4	216.0	32,600				150
160																			37.6	215.6	26,700	160
170																			20.0	196.6	24,500	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	68.5	274.1	116,000 *b																			45
50	64.6	271.8	110,200 *b																			50
55	60.5	269.1	104,800 *b																			55
60	56.3	265.9	99,800 *b																			60
65	51.8	262.2	95,300 *	66.0	271.2	108,000 *b																65
70	47.0	257.8	91,000 *	62.0	268.7	102,700 *b																70
75	41.8	252.5	83,600 *	57.8	265.7	97,700 *b	65.9	269.6	100,400 *b													75
80	36.0	246.1	76,300 *	53.4	262.1	93,000 *	61.9	267.1	95,400 b													80
85	29.2	238.0	70,100 *	48.7	257.9	88,600 *	57.7	264.1	88,500 b													85
90	20.3	226.7	64,700 *	43.7	253.0	84,400 *	53.3	260.5	82,400													90
95				38.1	247.0	78,700 *	48.7	256.3	77,000	63.0	264.1	70,600 b										95
100				31.7	239.6	72,200 *	43.6	251.4	72,200	58.9	261.2	66,200 b										100
105				23.7	229.7	66,500 *	38.0	245.4	67,900	54.5	257.8	62,200										105
110				11.1	212.8	61,500 *	31.6	237.9	64,100	50.0	253.8	58,700										110
115							23.6	228.0	60,500	45.0	249.0	55,500										115
120							10.9	210.9	57,200	39.6	243.4	52,600	55.4	253.3	47,800							120
130										26.0	227.3	47,400	46.0	244.9	43,100							130
140													34.7	232.7	39,100	51.3	243.3	35,200				140
150													18.0	211.7	35,600	41.2	233.4	32,100				150
160																28.3	218.5	29,300				160
170																			46.3	230.8	26,100	170
180																			35.1	218.7	23,900	180
																			18.6	198.2	21,900	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	71.0	284.8	110,700 *b																			45
50	67.6	282.8	105,500 *b																			50
55	64.1	280.5	100,500 *b																			55
60	60.5	277.8	96,000 *																			60
65	56.7	274.6	91,700 *	68.8	282.1	104,300 *b																65
70	52.8	271.0	87,700 *	65.3	279.9	99,800 *b																70
75	48.6	266.8	83,900 *	61.7	277.3	95,500 *b																75
80	44.2	261.9	77,000 *	58.0	274.3	91,100 *	65.3	278.3	93,300 *b													80
85	39.3	256.1	70,700 *	54.2	270.9	86,900 *	61.7	275.7	88,000													85
90	33.9	249.2	65,200 *	50.1	266.9	82,900 *	58.0	272.7	81,900													90
95	27.5	240.4	60,400 *	45.7	262.2	79,200 *	54.1	269.3	76,600													95
100	19.1	228.3	56,100 *	41.0	256.8	72,800 *	50.0	265.2	71,800	62.7	272.7	65,700 b										100
105				35.8	250.3	67,000 *	45.7	260.6	67,600	59.0	269.8	61,800										105
110				29.8	242.3	62,000 *	41.0	255.1	63,700	55.2	266.5	58,200										110
115				22.3	231.6	57,600 *	35.7	248.6	60,300	51.2	262.6	55,000										115
120				10.4	213.7	53,600 *	29.7	240.6	57,100	46.9	258.2	52,200										120
130							10.2	211.8	51,400	37.2	246.8	47,100	51.9	258.3	42,600							130
140										24.5	229.5	42,700	43.2	248.9	38,700							140
150													32.6	235.6	35,300	48.1	247.8	31,600				150
160													16.9	213.1	32,200	38.7	236.9	28,900				160
170																26.6	220.8	26,500	43.5	234.8	23,400	170
180																			33.0	221.7	21,500	180
190																			17.5	199.7	19,800	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.0	295.3	106,600 *b																			45
50	70.0	293.6	101,900 *b																			50
55	66.9	291.5	97,300 *b																			55
60	63.7	289.2	93,000 *																			60
65	60.4	286.4	88,900 *	71.0	292.8	100,700 *b																65
70	57.1	283.3	85,200 *	67.9	290.9	96,700 *b																70
75	53.5	279.8	80,800 *	64.8	288.6	92,400 *																75
80	49.9	275.7	75,600 *	61.6	286.0	88,300 *	67.9	289.3	90,100 *b													80
85	45.9	271.1	70,600 *	58.2	283.0	84,400 *	64.8	287.0	86,300 *													85
90	41.8	265.7	65,000 *	54.8	279.6	80,700 *	61.5	284.4	81,400													90
95	37.2	259.5	60,200 *	51.1	275.7	77,200 *	58.2	281.4	76,100													95
100	32.0	252.0	56,000 *	47.3	271.3	72,700 *	54.7	278.0	71,300													100
105	26.0	242.7	52,200 *	43.2	266.2	66,900 *	51.1	274.1	67,100	62.4	281.4	61,100										105
110	18.1	229.9	48,800 *	38.8	260.3	61,900 *	47.3	269.7	63,300	59.1	278.5	57,600										110
115				33.9	253.3	57,400 *	43.2	264.6	59,800	55.7	275.2	54,500										115
120				28.2	244.8	53,500 *	38.7	258.7	56,700	52.1	271.5	51,600										120
130				9.8	214.5	46,800 *	28.1	243.1	51,100	44.3	262.3	46,500	56.3	270.7	42,000							130
140							9.6	212.6	46,300	35.2	250.0	42,200	49.1	262.9	38,100							140
150										23.2	231.5	38,500	40.8	252.6	34,700							150
160													30.9	238.4	31,800	45.5	252.1	28,300				160
170													16.0	214.5	29,100	36.6	240.3	25,900				170
180																25.2	223.1	23,800	41.1	238.6	20,900	180
190																			31.2	224.5	19,200	190
200																			16.6	201.1	17,600	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.6	305.8	102,800 *b																			45
50	71.9	304.2	98,400 *b																			50
55	69.1	302.4	94,200 *b																			55
60	66.3	300.3	90,200 *																			60
65	63.4	297.8	86,500 *																			65
70	60.4	295.1	82,400 *	70.0	301.6	93,500 *b																70
75	57.3	292.0	77,600 *	67.2	299.6	89,500 *																75
80	54.2	288.5	72,900 *	64.4	297.3	85,700 *																80
85	50.8	284.6	68,400 *	61.4	294.6	82,100 *	67.2	298.0	83,500 *													85
90	47.4	280.1	64,000 *	58.4	291.7	78,600 *	64.3	295.7	80,100 *													90
95	43.7	275.1	59,900 *	55.3	288.3	75,300 *	61.4	293.1	75,600													95
100	39.7	269.4	55,900 *	52.0	284.5	72,200 *	58.4	290.1	70,800													100
105	35.4	262.7	52,300 *	48.6	280.3	68,400 *	55.2	286.7	66,600													105
110	30.5	254.8	49,000 *	45.0	275.5	63,200 *	52.0	282.9	62,800	62.2	290.1	57,100										110
115	24.7	244.9	45,900 *	41.1	270.0	58,700 *	48.5	278.7	59,400	59.2	287.2	53,900										115
120	17.2	231.4	43,200 *	36.9	263.7	54,700 *	44.9	273.9	56,200	56.1	283.9	51,100										120
130				26.8	247.1	47,900 *	36.8	262.0	50,700	49.5	276.1	46,000										130
140				9.4	215.3	41,600 *	26.8	245.5	46,100	42.1	266.2	41,800	53.5	275.8	37,500							140
150							9.2	213.3	41,900	33.5	253.0	38,100	46.6	267.3	34,200							150
160										22.0	233.4	34,900	38.8	256.2	31,300	50.4	265.7	27,700				160
170													29.4	241.0	28,700	43.2	256.1	25,400				170
180													15.2	215.8	26,400	34.8	243.4	23,300	46.8	253.2	20,300	180
190																24.0	225.2	21,500	39.1	242.2	18,700	190
200																			29.7	227.2	17,200	200
210																			15.8	202.4	15,800	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.9	316.2	96,100 *b																			45
50	73.4	314.7	93,200 *b																			50
55	70.9	313.1	89,900 *																			55
60	68.4	311.2	86,200 *																			60
65	65.8	309.0	82,400 *																			65
70	63.1	306.5	78,300 *																			70
75	60.4	303.8	74,200 *	69.2	310.4	86,300 *																75
80	57.6	300.7	70,100 *	66.7	308.3	82,800 *																80
85	54.7	297.2	66,000 *	64.0	306.0	79,400 *																85
90	51.7	293.4	62,100 *	61.3	303.3	76,200 *	66.6	306.7	77,400 *													90
95	48.5	289.1	58,300 *	58.5	300.3	73,200 *	64.0	304.4	74,400 *													95
100	45.2	284.3	54,700 *	55.7	297.0	70,200 *	61.3	301.7	70,300													100
105	41.7	279.0	51,200 *	52.7	293.3	67,400 *	58.5	298.7	66,100													105
110	37.9	272.8	48,000 *	49.6	289.2	62,800 *	55.6	295.4	62,300													110
115	33.8	265.7	45,000 *	46.4	284.6	58,300 *	52.7	291.7	58,800	62.0	298.7	53,300										115
120	29.1	257.4	42,300 *	42.9	279.4	54,300 *	49.6	287.6	55,700	59.3	295.8	50,500										120
130	16.4	232.8	37,500 *	35.2	266.9	47,500 *	42.9	277.8	50,300	53.5	289.0	45,500										130
140				25.6	249.4	41,900 *	35.2	265.2	45,600	47.2	280.6	41,200	57.0	288.1	36,900							140
150				8.9	216.0	36,800 *	25.6	247.7	41,600	40.2	269.9	37,600	51.0	280.7	33,600							150
160							8.7	214.1	37,300 *	32.0	255.8	34,400	44.5	271.4	30,700							160
170										21.1	235.3	31,600	37.1	259.6	28,200	48.1	270.2	24,800				170
180													28.1	243.5	25,900	41.3	259.9	22,700				180
190													14.5	217.0	23,800	33.3	246.4	20,900	44.7	257.3	18,000	190
200																22.9	227.2	19,300	37.3	245.5	16,600	200
210																			28.4	229.7	15,200	210
220																			15.0	203.7	14,000	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.7	325.2	86,500 *b																			50
55	72.4	323.6	83,800 *																			55
60	70.1	321.9	80,900 *																			60
65	67.7	319.9	77,700 *																			65
70	65.3	317.7	74,300 *																			70
75	62.9	315.2	70,800 *	70.9	321.1	82,800 *																75
80	60.3	312.4	67,200 *	68.5	319.2	80,000 *																80
85	57.8	309.3	63,600 *	66.1	317.0	77,300 *																85
90	55.1	306.0	60,100 *	63.7	314.6	74,700 *																90
95	52.3	302.2	56,700 *	61.2	312.0	71,800 *	66.1	315.5	72,600 *													95
100	49.5	298.1	53,400 *	58.6	309.0	69,000 *	63.7	313.0	69,900 *													100
105	46.5	293.5	50,200 *	56.0	305.7	66,300 *	61.2	310.4	65,800													105
110	43.3	288.3	47,200 *	53.3	302.1	63,300 *	58.6	307.4	62,000													110
115	40.0	282.6	44,400 *	50.5	298.1	58,700 *	56.0	304.1	58,600													115
120	36.4	276.1	41,700 *	47.5	293.7	54,600 *	53.3	300.5	55,500	61.9	307.4	50,200										120
130	27.9	259.8	37,000 *	41.1	283.2	47,700 *	47.5	292.1	50,000	56.7	301.3	45,200										130
140	15.8	234.2	33,000 *	33.8	269.9	42,100 *	41.1	281.6	45,400	51.2	293.9	41,000										140
150				24.6	251.6	37,400 *	33.8	268.3	41,500	45.2	284.8	37,300	54.5	293.3	33,300							150
160				8.6	216.7	32,900 *	24.5	249.9	37,400 *	38.6	273.4	34,200	48.9	285.3	30,400							160
170							8.4	214.7	33,400 *	30.7	258.6	31,400	42.6	275.3	27,900	52.0	283.3	24,500				170
180										20.2	237.0	28,900	35.6	262.8	25,700	46.1	274.5	22,500				180
190													26.9	245.9	23,700	39.6	263.5	20,700				190
200													13.9	218.2	21,900	31.9	249.3	19,100	42.8	261.3	16,300	200
210																22.0	229.1	17,600	35.8	248.8	15,000	210
220																			27.2	232.1	13,800	220
230																			14.4	205.0	12,700	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.9	335.5	80,100 *b																			50
55	73.7	334.1	78,000 *																			55
60	71.6	332.5	75,600 *																			60
65	69.4	330.7	72,900 *																			65
70	67.2	328.6	70,100 *																			70
75	64.9	326.4	67,100 *																			75
80	62.7	323.9	64,100 *	70.2	329.9	77,200 *																80
85	60.3	321.1	61,000 *	68.0	327.9	74,700 *																85
90	57.9	318.0	57,800 *	65.7	325.7	72,100 *																90
95	55.5	314.7	54,800 *	63.4	323.3	69,400 *	67.9	326.4	69,900 *													95
100	52.9	311.0	51,800 *	61.1	320.6	66,800 *	65.7	324.2	67,400 *													100
105	50.3	307.0	48,900 *	58.7	317.7	64,300 *	63.4	321.7	65,000 *													105
110	47.5	302.5	46,200 *	56.3	314.4	62,000 *	61.1	319.0	61,500													110
115	44.7	297.6	43,500 *	53.8	310.9	58,200 *	58.7	316.1	58,100													115
120	41.7	292.2	41,000 *	51.2	306.9	54,100 *	56.3	312.8	55,000													120
130	35.0	279.3	36,400 *	45.7	297.9	47,200 *	51.2	305.3	49,500	59.4	313.2	44,600										130
140	26.9	262.2	32,400 *	39.6	286.8	41,600 *	45.6	296.3	44,900	54.4	306.5	40,400										140
150	15.2	235.5	29,100 *	32.5	272.8	36,900 *	39.5	285.2	41,000	49.2	298.5	36,800	57.4	305.5	32,700							150
160				23.7	253.7	33,000 *	32.5	271.2	36,900 *	43.5	288.8	33,700	52.4	298.3	29,800							160
170				8.2	217.4	29,200 *	23.6	252.0	33,000 *	37.1	276.8	30,900	47.0	289.6	27,300							170
180							8.0	215.4	29,600 *	29.5	261.2	28,500	41.0	279.1	25,100	50.0	288.0	21,900				180
190										19.4	238.7	26,300			23,200	44.3	278.6	20,100				190
200															21,400	38.0	266.9	18,500	47.1	275.5	15,700	200
210															19,700	30.7	252.0	17,100	41.2	265.0	14,400	210
220																21.1	231.0	15,700	34.4	251.9	13,200	220
230																			26.2	234.4	12,100	230
240																			13.9	206.2	11,100	240



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

190 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.8	344.5	72,400 *																			55
60	72.9	343.0	70,500 *																			60
65	70.8	341.4	68,300 *																			65
70	68.8	339.5	66,000 *																			70
75	66.7	337.4	63,500 *																			75
80	64.6	335.1	60,900 *																			80
85	62.5	332.5	58,200 *	69.5	338.7	72,100 *																85
90	60.3	329.7	55,500 *	67.4	336.7	69,600 *																90
95	58.1	326.7	52,800 *	65.3	334.4	67,200 *																95
100	55.8	323.4	50,100 *	63.2	332.0	64,800 *	67.4	335.1	65,100 *													100
105	53.4	319.8	47,500 *	61.0	329.3	62,500 *	65.3	332.9	62,900 *													105
110	51.0	315.8	45,000 *	58.8	326.3	60,200 *	63.2	330.4	60,800 *													110
115	48.4	311.5	42,600 *	56.6	323.1	58,100 *	61.0	327.7	57,600 *													115
120	45.8	306.8	40,200 *	54.2	319.6	54,600 *	58.8	324.7	54,500 *													120
130	40.2	295.9	35,900 *	49.3	311.6	47,600 *	54.2	318.0	49,100 *	61.6	324.7	44,100 *										130
140	33.7	282.3	32,000 *	44.0	302.0	41,900 *	49.3	310.0	44,500 *	57.1	318.7	39,900 *										140
150	25.9	264.5	28,700 *	38.2	290.3	37,200 *	44.0	300.4	40,600 *	52.4	311.5	36,300 *										150
160	14.6	236.7	25,900 *	31.4	275.6	33,200 *	38.1	288.7	37,100 *	47.4	302.9	33,200 *	55.3	310.8	29,300 *							160
170				22.8	255.7	29,800 *	31.3	274.0	33,200 *	41.9	292.6	30,500 *	50.5	303.1	26,800 *							170
180				7.9	218.0	25,200 *	22.8	254.0	29,800 *	35.8	280.0	28,000 *	45.3	293.8	24,600 *							180
190							7.8	216.1	25,900 *	28.5	263.8	25,900 *	39.5	282.7	22,700 *	48.1	292.5	19,600 *				190
200										18.8	240.4	23,900 *	33.0	268.8	20,900 *	42.7	282.5	18,000 *				200
210													25.0	250.4	19,300 *	36.7	270.3	16,600 *	45.4	279.8	13,900 *	210
220													12.9	220.5	17,800 *	29.6	254.7	15,200 *	39.7	268.7	12,700 *	220
230																20.4	232.8	14,000 *	33.2	254.9	11,600 *	230
240																			25.2	236.6	10,600 *	240
250																			13.4	207.3	9,700 *	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.8	354.9	67,100 *																			55
60	74.0	353.5	65,500 *																			60
65	72.1	351.9	63,700 *																			65
70	70.2	350.2	61,800 *																			70
75	68.3	348.2	59,700 *																			75
80	66.3	346.1	57,600 *																			80
85	64.3	343.7	55,300 *	70.8	349.4	69,000 *																85
90	62.3	341.2	53,000 *	68.9	347.5	66,900 *																90
95	60.3	338.4	50,600 *	67.0	345.4	64,700 *																95
100	58.2	335.4	48,300 *	65.0	343.1	62,500 *																100
105	56.0	332.1	45,900 *	63.0	340.7	60,300 *	67.0	343.8	60,500 *													105
110	53.8	328.5	43,700 *	61.0	337.9	58,300 *	65.0	341.6	58,600 *													110
115	51.6	324.6	41,400 *	58.9	335.0	56,300 *	63.0	339.1	56,700 *													115
120	49.2	320.4	39,300 *	56.8	331.8	54,100 *	61.0	336.4	54,000													120
130	44.3	310.9	35,200 *	52.4	324.6	47,000 *	56.8	330.2	48,600													130
140	38.8	299.4	31,600 *	47.6	316.0	41,400 *	52.3	323.0	44,000	59.4	330.5	39,300										140
150	32.6	285.3	28,300 *	42.5	305.9	36,600 *	47.6	314.4	40,100	55.2	323.9	35,700										150
160	25.1	266.8	25,500 *	36.9	293.7	32,700 *	42.5	304.3	36,600 *	50.6	316.3	32,600	57.7	322.8	28,700							160
170	14.2	238.0	23,100 *	30.3	278.4	29,300 *	36.9	292.0	32,700 *	45.8	307.2	29,900	53.4	315.8	26,200							170
180				22.1	257.6	26,400 *	30.3	276.7	29,300 *	40.5	296.3	27,500	48.7	307.6	24,100							180
190				7.7	218.7	22,200 *	22.0	255.9	26,400 *	34.6	283.1	25,400	43.7	297.9	22,100	51.3	305.7	18,900				190
200							7.5	216.7	22,900 *	27.6	266.2	23,400	38.2	286.2	20,400	46.5	296.9	17,400				200
210										18.1	241.9	21,700	31.9	271.7	18,800	41.3	286.3	16,000				210
220													24.2	252.6	17,400	35.5	273.5	14,700	43.9	283.8	12,100	220
230													12.5	221.5	16,000	28.6	257.2	13,500	38.4	272.2	11,000	230
240																19.7	234.5	12,400	32.1	257.8	10,100	240
250																			24.4	238.8	9,200	250
260																			12.9	208.4	8,300	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.9	363.9	60,900 *																			60
65	73.2	362.4	59,500 *																			65
70	71.4	360.8	57,900 *																			70
75	69.6	359.0	56,200 *																			75
80	67.8	357.0	54,300 *																			80
85	66.0	354.8	52,400 *																			85
90	64.1	352.4	50,400 *	70.2	358.2	63,100 *																90
95	62.2	349.9	48,400 *	68.4	356.3	62,300 *																95
100	60.3	347.1	46,400 *	66.6	354.1	60,400 *																100
105	58.3	344.0	44,300 *	64.7	351.8	58,400 *																105
110	56.3	340.8	42,300 *	62.8	349.3	56,500 *	66.6	352.6	56,600 *													110
115	54.2	337.2	40,300 *	60.9	346.6	54,700 *	64.7	350.3	54,800 *													115
120	52.1	333.4	38,300 *	59.0	343.7	52,900 *	62.8	347.7	53,100 *													120
130	47.7	324.9	34,600 *	54.9	337.0	46,700 *	58.9	342.1	48,300													130
140	42.9	314.8	31,100 *	50.7	329.3	41,000 *	54.9	335.4	43,700	61.4	342.0	39,000										140
150	37.6	302.8	28,000 *	46.1	320.3	36,300 *	50.6	327.7	39,800	57.5	336.0	35,400										150
160	31.6	288.1	25,200 *	41.2	309.7	32,400 *	46.1	318.7	36,300 *	53.4	329.0	32,300										160
170	24.3	268.9	22,800 *	35.7	296.9	29,000 *	41.2	308.1	32,400 *	49.0	320.9	29,600	55.9	328.2	25,900							170
180	13.7	239.1	20,700 *	29.4	281.0	26,100 *	35.7	295.3	29,000 *	44.4	311.3	27,300	51.6	320.7	23,800							180
190				21.4	259.5	23,500 *	29.4	279.3	26,100 *	39.3	299.9	25,100	47.2	312.0	21,800							190
200				7.4	219.3	19,800 *	21.4	257.8	23,500 *	33.5	286.1	23,200	42.4	301.8	20,100	49.7	310.4	17,100				200
210							7.3	217.3	20,400 *	26.7	268.6	21,500	37.0	289.6	18,500	45.0	301.1	15,700				210
220										17.6	243.5	19,900	30.9	274.5	17,100	40.0	290.0	14,400	47.3	297.9	11,800	220
230													23.4	254.6	15,800	34.4	276.6	13,200	42.5	287.7	10,700	230
240													12.1	222.6	14,600	27.8	259.7	12,200	37.2	275.5	9,800	240
250																19.1	236.1	11,200	31.1	260.6	8,900	250
260																			23.7	240.9	8,100	260
270																			12.5	209.5	7,300	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.8	374.3	56,300 *																			60
65	74.1	372.9	55,100 *																			65
70	72.5	371.3	53,700 *																			70
75	70.8	369.6	52,300 *																			75
80	69.1	367.8	50,900 *																			80
85	67.4	365.7	49,300 *																			85
90	65.6	363.5	47,700 *																			90
95	63.9	361.1	46,000 *	69.7	367.0	57,500 *																95
100	62.1	358.5	44,200 *	68.0	365.0	56,800 *																100
105	60.2	355.7	42,400 *	66.2	362.9	55,900 *																105
110	58.4	352.7	40,700 *	64.5	360.5	54,900 *	67.9	363.4	54,700 *													110
115	56.5	349.5	38,800 *	62.7	358.0	53,300 *	66.2	361.3	53,200 *													115
120	54.5	346.0	37,100 *	60.9	355.3	51,600 *	64.4	358.9	51,600 *													120
130	50.5	338.2	33,700 *	57.1	349.2	46,900 *	60.9	353.7	47,700													130
140	46.2	329.2	30,500 *	53.2	342.1	41,100 *	57.1	347.6	43,200													140
150	41.6	318.6	27,600 *	49.1	333.9	36,200 *	53.2	340.5	39,300	59.5	347.8	34,900										150
160	36.5	306.1	24,900 *	44.7	324.5	32,200 *	49.1	332.3	35,900	55.7	341.4	31,800										160
170	30.7	290.8	22,600 *	40.0	313.3	28,700 *	44.7	322.8	32,200 *	51.7	333.9	29,100	58.0	340.2	25,300							170
180	23.6	271.0	20,500 *	34.7	300.0	25,800 *	40.0	311.7	28,700 *	47.5	325.3	26,700	54.1	333.3	23,200							180
190	13.3	240.3	18,500 *	28.5	283.5	23,200 *	34.7	298.4	25,800 *	43.0	315.2	24,600	50.1	325.4	21,300							190
200				20.8	261.3	20,900 *	28.5	281.9	23,200 *	38.1	303.4	22,700	45.8	316.3	19,500	52.3	323.4	16,500				200
210				7.2	219.9	17,500 *	20.7	259.6	20,900 *	32.5	289.1	21,000	41.1	305.6	18,000	48.2	314.9	15,100				210
220							7.0	217.9	18,100 *	25.9	270.9	19,400	35.9	292.8	16,600	43.7	305.1	13,800				220
230										17.1	244.9	18,000	30.0	277.2	15,300	38.8	293.5	12,700	45.9	302.2	10,100	230
240													22.8	256.6	14,100	33.4	279.6	11,600	41.2	291.5	9,200	240
250													11.7	223.6	13,000	26.9	262.1	10,600	36.1	278.8	8,300	250
260																18.6	237.8	9,700	30.2	263.3	7,500	260
270																			23.0	242.9	6,800	270
280																			12.2	210.5	6,000	280



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

190 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.0	383.3	51,200 *																			65
70	73.4	381.8	50,100 *																			70
75	71.8	380.2	48,900 *																			75
80	70.2	378.5	47,700 *																			80
85	68.6	376.5	46,400 *																			85
90	67.0	374.5	45,000 *																			90
95	65.3	372.2	43,500 *	70.8	377.7	53,100 *																95
100	63.7	369.8	42,000 *	69.2	375.8	52,600 *																100
105	62.0	367.2	40,500 *	67.6	373.8	51,900 *																105
110	60.2	364.4	39,000 *	65.9	371.6	51,200 *																110
115	58.5	361.4	37,400 *	64.2	369.2	50,300 *	67.5	372.2	51,100 *													115
120	56.7	358.1	35,800 *	62.5	366.7	49,300 *	65.9	370.0	49,700 *													120
130	53.0	351.0	32,800 *	59.1	361.0	46,400 *	62.5	365.1	46,900 *													130
140	49.1	342.8	29,900 *	55.5	354.5	40,600 *	59.1	359.4	42,700													140
150	44.9	333.3	27,100 *	51.7	347.0	35,700 *	55.5	352.9	38,900	61.3	359.4	34,400										150
160	40.4	322.3	24,600 *	47.7	338.4	31,700 *	51.7	345.4	35,500	57.8	353.4	31,300										160
170	35.5	309.3	22,300 *	43.5	328.5	28,200 *	47.7	336.8	31,700 *	54.1	346.5	28,600										170
180	29.8	293.5	20,300 *	38.9	316.9	25,300 *	43.5	326.9	28,200 *	50.3	338.6	26,300	56.3	345.6	22,700							180
190	23.0	273.0	18,400 *	33.7	303.1	22,700 *	38.8	315.3	25,300 *	46.2	329.6	24,200	52.6	338.3	20,800							190
200	12.9	241.4	16,200 *	27.8	286.0	20,400 *	33.7	301.4	22,700 *	41.8	319.1	22,300	48.7	330.0	19,100							200
210				20.2	263.1	18,400 *	27.7	284.3	20,400 *	37.0	306.8	20,600	44.5	320.4	17,500	50.8	328.1	14,600				210
220				7.0	220.5	15,300 *	20.2	261.4	18,400 *	31.6	291.9	19,000	39.9	309.2	16,100	46.8	319.3	13,300				220
230							6.8	218.4	15,900 *	25.2	273.1	17,600	34.9	296.0	14,900	42.5	309.0	12,200				230
240										16.6	246.4	16,300	29.2	279.8	13,700	37.7	297.0	11,100	44.6	306.3	8,700	240
250													22.1	258.6	12,600	32.4	282.5	10,200	40.1	295.2	7,800	250
260													11.4	224.6	11,500	26.2	264.4	9,300	35.1	282.0	7,000	260
270																18.1	239.3	8,400	29.4	265.9	6,300	270
280																			22.3	244.9	5,600	280
290																			11.8	211.6	4,900	290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

190 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.8	393.6	47,400 *																			65
70	74.3	392.3	46,400 *																			70
75	72.8	390.7	45,500 *																			75
80	71.3	389.1	44,400 *																			80
85	69.7	387.3	43,400 *																			85
90	68.2	385.3	42,200 *																			90
95	66.6	383.2	41,000 *																			95
100	65.1	380.9	39,700 *	70.3	386.5	48,500 *																100
105	63.5	378.5	38,400 *	68.7	384.6	48,000 *																105
110	61.9	375.8	37,100 *	67.2	382.5	47,400 *																110
115	60.2	373.0	35,800 *	65.6	380.3	46,800 *																115
120	58.5	370.0	34,400 *	64.0	377.9	46,000 *	67.2	380.9	47,500 *													120
130	55.1	363.4	31,700 *	60.8	372.6	42,600 *	64.0	376.3	45,000 *													130
140	51.5	355.9	29,000 *	57.4	366.5	39,100 *	60.8	371.0	42,200													140
150	47.7	347.2	26,500 *	53.9	359.6	35,200 *	57.4	364.9	38,400	62.8	370.7	33,800										150
160	43.7	337.4	24,200 *	50.3	351.7	31,100 *	53.9	358.0	35,000	59.6	365.1	30,800										160
170	39.4	325.9	22,000 *	46.4	342.7	27,700 *	50.3	350.1	31,100 *	56.2	358.8	28,100										170
180	34.6	312.5	20,000 *	42.3	332.4	24,700 *	46.4	341.1	27,700 *	52.6	351.5	25,700										180
190	29.1	296.1	18,200 *	37.8	320.3	22,100 *	42.3	330.7	24,700 *	48.9	343.2	23,600	54.7	350.8	20,200							190
200	22.4	275.0	16,600 *	32.8	306.0	19,800 *	37.8	318.7	22,100 *	45.0	333.7	21,700	51.1	343.1	18,500							200
210	12.6	242.5	14,000 *	27.0	288.4	17,800 *	32.8	304.4	19,800 *	40.7	322.8	20,100	47.3	334.4	17,000							210
220				19.7	264.8	16,000 *	27.0	286.7	17,800 *	36.1	310.0	18,500	43.3	324.4	15,600	49.4	332.8	12,700				220
230				6.8	221.0	13,300 *	19.6	263.1	16,000 *	30.8	294.7	17,100	38.9	312.7	14,300	45.5	323.5	11,600				230
240							6.7	219.0	13,800 *	24.6	275.3	15,800	34.0	299.0	13,200	41.3	312.8	10,600	47.4	320.3	8,100	240
250										16.2	247.8	14,600	28.4	282.3	12,100	36.7	300.3	9,600	43.4	310.3	7,200	250
260													21.6	260.5	11,100	31.6	285.3	8,700	39.0	298.7	6,400	260
270													11.1	225.5	10,100	25.5	266.7	7,900	34.2	285.1	5,700	270
280																17.6	240.9	7,100	28.6	268.4	5,000	280
290																			21.8	246.8	4,400	290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

200 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	65.6	273.3	116,800 *b																		45	
50	61.0	270.7	111,100 *b																		50	
55	56.1	267.5	105,700 *b																		55	
60	50.9	263.6	100,800 *b																		60	
65	45.4	259.0	96,400 *	63.4	270.6	108,200 *b															65	
70	39.1	253.3	92,300 *	58.6	267.7	102,600 *b															70	
75	31.9	246.0	84,400 *	53.7	264.2	97,400 *b	63.8	269.2	100,000 *b												75	
80	22.6	235.8	77,000 *	48.3	260.0	92,500 *	59.1	266.3	95,000 b												80	
85				42.4	254.9	88,000 *	54.1	262.9	88,100 b												85	
90				35.8	248.5	83,800 *	48.8	258.8	82,000												90	
95				27.8	240.1	79,800 *	43.0	253.8	76,700	61.2	263.7	69,900 b									95	
100				16.4	227.1	73,800 *	36.5	247.5	71,900	56.3	260.6	65,500 b									100	
105							28.6	239.3	67,600	51.2	256.8	61,600 b									105	
110							17.7	227.0	63,700	45.6	252.2	58,100									110	
115										39.5	246.5	55,000									115	
120										32.3	239.3	52,100	53.1	252.8	47,000 b						120	
130										4.8	207.5	46,700	41.8	243.3	42,400						130	
140													26.8	228.0	38,500	49.1	242.8	34,400			140	
150																36.8	231.6	31,300			150	
160																18.4	211.6	28,600			160	
170																			44.0 30.1	230.2 216.5	25,300 23,100	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

200 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	68.8	284.2	112,700 *b																			45
50	64.9	282.0	107,300 *b																			50
55	60.8	279.3	102,300 *b																			55
60	56.6	276.2	97,700 *b																			60
65	52.1	272.5	93,400 *	66.9	281.7	104,500 *b																65
70	47.4	268.1	89,300 *	63.0	279.2	99,400 *b																70
75	42.2	262.9	83,200 *	58.8	276.4	94,500 *b	67.3	280.3	96,600 *b													75
80	36.5	256.6	77,300 *	54.5	272.9	90,000 *	63.3	277.9	94,400 b													80
85	29.7	248.6	70,900 *	49.9	268.9	85,700 *	59.2	275.0	87,500 b													85
90	21.1	237.7	65,400 *	45.0	264.2	81,700 *	54.9	271.7	81,500													90
95				39.5	258.5	78,000 *	50.3	267.7	76,200													95
100				33.4	251.5	74,200 *	45.4	263.0	71,500	61.0	272.4	64,900 b										100
105				25.9	242.4	68,200 *	40.1	257.4	67,200	56.8	269.3	61,100										105
110				15.2	228.4	63,000 *	34.0	250.6	63,400	52.4	265.6	57,600										110
115							26.7	241.7	59,900	47.6	261.3	54,400										115
120							16.5	228.5	56,700	42.5	256.1	51,600										120
130										30.1	242.0	46,500	49.4	257.5	41,800							130
140										4.4	207.8	42,000	38.9	246.8	37,900							140
150													25.0	230.2	34,600	45.7	247.1	30,700				150
160																34.3	234.8	28,100				160
170																17.2	213.1	25,700	41.0	234.0	22,500	170
180																			28.0	219.0	20,600	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

200 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	71.3	294.9	108,600 *b																			45
50	67.9	293.0	103,700 *b																			50
55	64.4	290.7	99,100 *b																			55
60	60.7	288.0	94,700 *																			60
65	57.0	284.9	90,600 *	69.6	292.5	100,900 *b																65
70	53.1	281.3	85,800 *	66.2	290.4	96,200 *b																70
75	48.9	277.1	80,200 *	62.6	287.9	91,700 *b																75
80	44.5	272.2	74,900 *	58.9	285.0	87,500 *	66.5	289.0	89,100 *b													80
85	39.7	266.5	69,800 *	55.1	281.7	83,500 *	63.0	286.5	85,200 *b													85
90	34.3	259.7	65,100 *	51.1	277.8	79,700 *	59.3	283.7	81,100													90
95	27.9	251.1	60,700 *	46.8	273.3	76,200 *	55.5	280.4	75,800													95
100	19.8	239.4	56,400 *	42.2	268.1	72,900 *	51.5	276.6	71,000													100
105				37.1	261.9	68,400 *	47.2	272.1	66,800	60.9	281.0	60,500										105
110				31.4	254.3	63,200 *	42.7	267.0	63,000	57.2	278.0	57,100										110
115				24.3	244.5	58,600 *	37.6	260.9	59,600	53.3	274.4	54,000										115
120				14.3	229.6	54,500 *	31.9	253.5	56,500	49.1	270.2	51,100										120
130							15.5	229.8	50,900	39.9	259.8	46,100	54.7	270.3	41,300							130
140										28.3	244.5	41,900	46.3	261.8	37,500							140
150										4.1	208.1	38,000	36.5	250.2	34,200	51.7	260.6	30,200				150
160													23.5	232.2	31,300	42.9	251.1	27,600				160
170																32.2	237.7	25,300	48.0	248.5	22,000	170
180																16.1	214.5	23,200	38.5	237.5	20,200	180
190																			26.4	221.3	18,500	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

200 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.2	305.5	104,500 *b																			45
50	70.2	303.7	100,000 *b																			50
55	67.1	301.7	95,700 *b																			55
60	63.9	299.3	91,600 *																			60
65	60.7	296.6	87,100 *																			65
70	57.3	293.5	82,100 *	68.7	301.3	92,800 *b																70
75	53.8	290.0	77,100 *	65.6	299.1	88,700 *																75
80	50.1	286.0	72,300 *	62.4	296.6	84,800 *																80
85	46.2	281.4	67,700 *	59.1	293.7	81,100 *	65.9	297.7	82,300 *													85
90	42.1	276.1	63,200 *	55.6	290.4	77,500 *	62.7	295.2	78,800 *													90
95	37.5	270.0	59,100 *	52.0	286.6	74,200 *	59.4	292.3	75,200													95
100	32.4	262.6	55,200 *	48.3	282.4	71,000 *	55.9	289.1	70,500													100
105	26.4	253.5	51,700 *	44.3	277.4	68,000 *	52.4	285.4	66,300													105
110	18.7	241.0	48,500 *	39.9	271.8	63,000 *	48.6	281.1	62,600	60.8	289.7	56,500										110
115				35.1	265.1	58,500 *	44.6	276.3	59,100	57.5	286.6	53,400										115
120				29.7	257.0	54,400 *	40.3	270.7	56,000	54.0	283.1	50,500										120
130				13.5	230.7	47,500 *	30.2	256.2	50,500	46.4	274.6	45,600										130
140							14.7	231.0	45,800	37.7	263.2	41,400	51.6	275.2	36,900							140
150										26.8	246.9	37,700	43.8	265.9	33,600							150
160										3.8	208.4	34,400	34.6	253.3	30,700	48.8	265.2	27,000				160
170													22.2	234.2	28,200	40.6	254.8	24,700				170
180																30.5	240.4	22,700	45.3	252.7	19,500	180
190																15.3	215.8	20,800	36.4	240.8	17,900	190
200																			24.9	223.5	16,500	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

200 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.8	315.9	98,200 *b																			45
50	72.1	314.3	94,800 *b																			50
55	69.3	312.5	91,000 *b																			55
60	66.5	310.4	87,000 *																			60
65	63.6	308.0	82,800 *																			65
70	60.6	305.3	78,400 *	70.7	312.0	89,500 *b																70
75	57.6	302.2	74,000 *	67.9	310.0	85,800 *																75
80	54.4	298.8	69,700 *	65.1	307.8	82,200 *																80
85	51.1	294.9	65,500 *	62.2	305.2	78,700 *																85
90	47.6	290.5	61,400 *	59.1	302.4	75,400 *	65.3	306.4	76,500 *													90
95	43.9	285.5	57,600 *	56.0	299.1	72,300 *	62.4	303.9	73,400 *													95
100	40.0	279.8	53,900 *	52.8	295.4	69,300 *	59.4	301.0	70,000													100
105	35.7	273.2	50,500 *	49.4	291.3	66,500 *	56.3	297.8	65,800													105
110	30.8	265.4	47,400 *	45.9	286.6	63,800 *	53.1	294.1	62,100													110
115	25.2	255.7	44,500 *	42.1	281.3	59,700 *	49.7	290.1	58,700	60.8	298.4	52,800										115
120	17.8	242.5	41,900 *	38.0	275.2	55,600 *	46.2	285.5	55,600	57.7	295.3	50,000										120
130				28.2	259.5	48,600 *	38.4	274.2	50,100	51.2	288.0	45,100										130
140				12.9	231.8	42,900 *	28.7	258.7	45,500	44.1	278.7	40,900	55.7	287.7	36,300							140
150							14.0	232.2	41,500	35.9	266.5	37,300	49.0	279.8	33,100							150
160										25.5	249.2	34,100	41.6	269.7	30,200							160
170										3.6	208.6	31,200	32.9	256.2	27,700	46.4	269.5	24,200				170
180													21.1	236.0	25,500	38.6	258.3	22,200				180
190																29.0	243.0	20,400	43.1	256.7	17,400	190
200																14.5	217.0	18,800	34.7	244.0	16,000	200
210																			23.7	225.6	14,700	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

200 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.6	324.8	88,100 *b																			50
55	71.1	323.2	85,100 *																			55
60	68.5	321.3	81,800 *																			60
65	65.9	319.1	78,300 *																			65
70	63.3	316.7	74,600 *																			70
75	60.6	314.0	70,800 *	69.9	320.8	83,400 *																75
80	57.8	310.9	67,000 *	67.3	318.8	80,100 *																80
85	54.9	307.5	63,200 *	64.7	316.5	76,800 *																85
90	51.9	303.7	59,500 *	62.0	313.9	73,700 *	67.5	317.3	74,400 *													90
95	48.7	299.4	56,000 *	59.2	311.0	70,800 *	64.9	315.1	71,500 *													95
100	45.4	294.7	52,700 *	56.4	307.8	67,900 *	62.2	312.5	68,800 *													100
105	42.0	289.3	49,500 *	53.4	304.2	65,200 *	59.5	309.7	65,300													105
110	38.2	283.3	46,400 *	50.4	300.2	62,600 *	56.6	306.5	61,500													110
115	34.1	276.3	43,600 *	47.2	295.7	59,900 *	53.7	302.9	58,100													115
120	29.5	268.0	41,000 *	43.8	290.7	55,700 *	50.7	298.9	55,100	60.7	307.0	49,400										120
130	17.0	244.0	36,500 *	36.3	278.5	48,600 *	44.1	289.5	49,700	55.0	300.6	44,500										130
140				27.0	261.9	42,800 *	36.6	277.5	45,100	48.9	292.6	40,300										140
150				12.3	232.8	38,000 *	27.5	261.2	41,100	42.1	282.6	36,800	53.1	292.8	32,400							150
160							13.3	233.4	37,600	34.3	269.6	33,600	46.8	284.2	29,600							160
170										24.3	251.3	30,900	39.8	273.4	27,200	50.8	282.9	23,500				170
180										3.4	208.8	28,300	31.4	259.1	25,000	44.3	273.6	21,600				180
190													20.2	237.8	23,000	36.8	261.7	19,800	48.0	270.8	16,700	190
200																27.7	245.4	18,200	41.1	260.5	15,300	200
210																13.9	218.2	16,800	33.1	247.0	14,100	210
220																			22.7	227.6	12,900	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

200 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.9	335.3	82,000 *b																			50
55	72.6	333.7	79,600 *																			55
60	70.3	332.0	76,800 *																			60
65	67.9	330.0	73,900 *																			65
70	65.5	327.8	70,700 *																			70
75	63.0	325.4	67,500 *																			75
80	60.5	322.6	64,200 *	69.1	329.6	77,300 *																80
85	57.9	319.6	60,900 *	66.7	327.5	74,400 *																85
90	55.3	316.2	57,600 *	64.3	325.2	71,600 *																90
95	52.5	312.5	54,400 *	61.8	322.6	68,800 *	67.0	326.1	69,200 *													95
100	49.7	308.4	51,300 *	59.3	319.7	66,100 *	64.5	323.8	66,700 *													100
105	46.7	303.8	48,300 *	56.7	316.5	63,600 *	62.1	321.2	64,200 *													105
110	43.6	298.7	45,500 *	54.0	312.9	61,200 *	59.5	318.3	61,300 *													110
115	40.2	293.0	42,800 *	51.2	309.0	58,900 *	56.9	315.2	57,900 *													115
120	36.6	286.6	40,300 *	48.2	304.7	55,500 *	54.2	311.7	54,800 *													120
130	28.3	270.5	35,800 *	42.0	294.5	48,400 *	48.5	303.5	49,400 *	58.1	312.7	44,200 *										130
140	16.3	245.4	32,100 *	34.8	281.7	42,700 *	42.3	293.4	44,900 *	52.7	305.6	40,100 *										140
150				25.9	264.2	37,900 *	35.1	280.7	40,900 *	46.8	297.0	36,500 *	56.4	305.1	32,100 *							150
160				11.8	233.8	33,900 *	26.3	263.5	37,500 *	40.4	286.3	33,400 *	50.9	297.6	29,400 *							160
170							12.8	234.4	34,100 *	32.9	272.5	30,700 *	44.9	288.4	26,900 *							170
180										23.3	253.4	28,300 *	38.1	276.8	24,800 *	48.7	287.5	21,300 *				180
190										3.2	209.1	26,000 *	30.1	261.8	22,800 *	42.4	277.5	19,600 *				190
200													19.4	239.5	21,100 *	35.3	264.8	18,000 *	46.0	275.1	15,100 *	200
210																26.6	247.8	16,600 *	39.4	264.1	13,800 *	210
220																13.3	219.4	15,300 *	31.8	249.8	12,700 *	220
230																			21.8	229.5	11,600 *	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

200 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	76.0	345.6	76,000 *b																			50
55	73.9	344.2	74,000 *																			55
60	71.7	342.6	71,800 *																			60
65	69.6	340.8	69,400 *																			65
70	67.3	338.8	66,700 *																			70
75	65.1	336.5	64,000 *																			75
80	62.8	334.0	61,200 *	70.7	340.3	74,300 *																80
85	60.5	331.3	58,300 *	68.5	338.4	71,600 *																85
90	58.1	328.2	55,400 *	66.3	336.2	69,000 *																90
95	55.6	324.9	52,500 *	64.0	333.9	66,500 *																95
100	53.1	321.3	49,700 *	61.7	331.2	64,000 *	66.5	334.8	64,200 *													100
105	50.5	317.2	47,000 *	59.3	328.3	61,700 *	64.2	332.4	62,000 *													105
110	47.7	312.8	44,400 *	56.9	325.2	59,400 *	61.9	329.8	59,800 *													110
115	44.9	308.0	41,900 *	54.4	321.7	57,200 *	59.5	327.0	57,400													115
120	41.9	302.6	39,500 *	51.8	317.9	55,100 *	57.1	323.8	54,300													120
130	35.2	289.8	35,200 *	46.4	309.0	48,000 *	52.1	316.6	48,900	60.6	324.3	43,600										130
140	27.2	272.9	31,400 *	40.4	298.2	42,200 *	46.6	307.8	44,400	55.7	318.0	39,500										140
150	15.7	246.8	28,300 *	33.4	284.7	37,500 *	40.6	297.2	40,500	50.6	310.4	36,000										150
160				24.9	266.4	33,500 *	33.8	283.7	37,100	45.0	301.1	32,900	54.1	310.3	28,800							160
170				11.3	234.8	30,000 *	25.4	265.7	33,700 *	38.8	289.8	30,200	48.9	302.2	26,300							170
180							12.3	235.5	30,200 *	31.6	275.4	27,800	43.1	292.4	24,200	52.2	300.6	20,700				180
190										22.5	255.3	25,600	36.7	280.2	22,300	46.8	291.9	19,000				190
200										3.1	209.3	23,600	29.0	264.3	20,600	40.8	281.2	17,400				200
210													18.6	241.1	19,000	34.0	267.9	16,000	44.2	279.2	13,200	210
220																25.6	250.1	14,800	37.9	267.5	12,100	220
230																12.8	220.5	13,600	30.6	252.5	11,000	230
240																			20.9	231.3	10,100	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

200 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.0	354.6	68,900 *																			55
60	73.0	353.1	67,100 *																			60
65	71.0	351.5	65,100 *																			65
70	68.9	349.6	62,900 *																			70
75	66.9	347.5	60,500 *																			75
80	64.8	345.2	58,100 *																			80
85	62.6	342.7	55,600 *	70.0	349.1	69,000 *																85
90	60.4	339.9	53,100 *	67.9	347.1	66,700 *																90
95	58.2	336.9	50,600 *	65.9	344.9	64,300 *																95
100	55.9	333.6	48,100 *	63.7	342.5	62,000 *																100
105	53.6	330.0	45,600 *	61.6	339.9	59,800 *	66.1	343.5	59,900 *													105
110	51.1	326.1	43,200 *	59.4	337.0	57,700 *	63.9	341.1	57,900 *													110
115	48.6	321.8	40,900 *	57.1	333.8	55,700 *	61.8	338.5	55,900 *													115
120	46.0	317.1	38,700 *	54.8	330.4	53,700 *	59.6	335.6	53,800													120
130	40.4	306.3	34,600 *	49.9	322.6	48,300 *	55.0	329.1	48,400	62.7	335.8	43,100										130
140	34.0	292.8	31,000 *	44.7	313.2	42,500 *	50.2	321.3	43,900	58.3	330.0	39,000										140
150	26.2	275.3	27,800 *	38.9	301.8	37,700 *	45.0	312.0	40,000	53.7	323.1	35,400										150
160	15.2	248.1	25,100 *	32.3	287.6	33,700 *	39.2	300.7	36,600	48.8	314.9	32,400	56.9	322.5	28,200							160
170				24.0	268.5	30,200 *	32.6	286.7	33,700	43.4	305.2	29,700	52.1	315.2	25,800							170
180				10.9	235.7	26,400 *	24.5	267.9	30,400 *	37.5	293.2	27,300	47.1	306.6	23,700							180
190							11.9	236.5	27,300 *	30.5	278.1	25,200	41.6	296.2	21,800	50.3	305.3	18,400				190
200										21.7	257.2	23,300	35.4	283.4	20,100	45.1	296.1	16,900				200
210										3.0	209.5	21,400	28.0	266.8	18,500	39.3	284.8	15,500				210
220													18.0	242.7	17,100	32.8	270.9	14,300	42.6	283.1	11,500	220
230																24.7	252.2	13,100	36.6	270.9	10,500	230
240																12.3	221.5	12,000	29.5	255.2	9,600	240
250																20.2	233.1	8,700	20.2	233.1	8,700	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

200 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.9	365.0	63,900 *																			55
60	74.1	363.6	62,400 *																			60
65	72.2	362.0	60,800 *																			65
70	70.3	360.3	59,000 *																			70
75	68.4	358.4	57,000 *																			75
80	66.5	356.2	55,000 *																			80
85	64.5	353.9	52,800 *																			85
90	62.5	351.4	50,700 *	69.4	357.9	64,000 *																90
95	60.4	348.6	48,500 *	67.5	355.9	61,900 *																95
100	58.3	345.6	46,300 *	65.5	353.6	59,900 *																100
105	56.2	342.3	44,100 *	63.5	351.2	57,800 *	67.6	354.4	57,600 *													105
110	54.0	338.8	41,900 *	61.5	348.6	55,800 *	65.7	352.2	55,700 *													110
115	51.7	334.9	39,800 *	59.4	345.7	53,900 *	63.7	349.8	53,900 *													115
120	49.4	330.7	37,800 *	57.3	342.5	52,100 *	61.7	347.2	52,100 *													120
130	44.5	321.2	34,000 *	52.9	335.4	47,800 *	57.5	341.2	47,900													130
140	39.0	309.8	30,500 *	48.2	327.1	42,000 *	53.1	334.1	43,400	60.5	341.7	38,400										140
150	32.9	295.8	27,400 *	43.2	317.2	37,200 *	48.5	325.9	39,500	56.3	335.4	34,900										150
160	25.4	277.5	24,700 *	37.6	305.2	33,100 *	43.4	316.0	36,200	51.8	328.0	31,800										160
170	14.7	249.4	22,400 *	31.2	290.4	29,700 *	37.9	304.2	33,200	47.1	319.3	29,200	54.9	327.8	25,200							170
180				23.2	270.5	26,700 *	31.5	289.5	29,800 *	41.9	309.0	26,800	50.4	320.0	23,100							180
190				10.6	236.6	23,400 *	23.7	270.0	26,800 *	36.2	296.5	24,700	45.5	310.8	21,200							190
200							11.5	237.5	24,200 *	29.5	280.7	22,800	40.2	299.8	19,500	48.6	309.9	16,300				200
210										21.0	259.1	21,100	34.2	286.4	18,000	43.6	300.1	14,900				210
220										2.9	209.7	19,400	27.1	269.2	16,600	38.0	288.3	13,700	46.4	297.5	10,900	220
230													17.4	244.2	15,300	31.7	273.7	12,600	41.2	286.9	9,900	230
240																23.9	254.4	11,500	35.4	274.0	9,000	240
250																11.9	222.5	10,500	28.5	257.7	8,100	250
260																			19.5	234.8	7,300	260



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

200 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.0	374.0	58,000 *																			60
65	73.3	372.5	56,600 *																			65
70	71.5	370.9	55,100 *																			70
75	69.7	369.1	53,500 *																			75
80	67.9	367.1	51,800 *																			80
85	66.1	365.0	50,100 *																			85
90	64.2	362.6	48,200 *	70.7	368.6	60,000 *																90
95	62.3	360.0	46,300 *	68.9	366.7	59,300 *																95
100	60.4	357.3	44,400 *	67.0	364.6	58,400 *																100
105	58.4	354.2	42,500 *	65.2	362.3	56,600 *																105
110	56.4	351.0	40,600 *	63.3	359.9	54,700 *	67.2	363.2	54,300 *													110
115	54.4	347.5	38,700 *	61.4	357.2	52,900 *	65.4	360.9	52,700 *													115
120	52.2	343.7	36,800 *	59.4	354.3	51,200 *	63.5	358.5	51,100 *													120
130	47.8	335.2	33,300 *	55.4	347.8	47,800 *	59.6	353.0	47,600													130
140	43.1	325.2	30,000 *	51.2	340.3	42,300 *	55.6	346.5	43,100	62.4	353.1	38,100										140
150	37.8	313.3	27,100 *	46.7	331.4	37,300 *	51.4	339.0	39,200	58.5	347.3	34,600										150
160	31.8	298.7	24,400 *	41.8	321.0	33,200 *	46.9	330.2	35,900	54.5	340.6	31,500										160
170	24.6	279.7	22,100 *	36.4	308.5	29,700 *	42.1	319.9	33,000	50.2	332.8	28,900	57.2	339.9	24,900							170
180	14.2	250.6	20,200 *	30.2	293.1	26,600 *	36.7	307.5	29,800 *	45.6	323.6	26,500	53.1	332.8	22,800							180
190				22.5	272.5	24,000 *	30.5	292.2	26,800 *	40.6	312.7	24,400	48.7	324.5	20,900							190
200				10.2	237.5	21,000 *	22.9	272.0	24,100 *	35.1	299.7	22,600	44.1	314.9	19,200	51.5	323.0	16,000				200
210							11.1	238.4	21,800 *	28.6	283.3	20,900	38.9	303.4	17,700	47.0	314.3	14,600				210
220										20.3	260.8	19,300	33.1	289.4	16,300	42.2	304.0	13,400				220
230										2.8	209.9	17,800	26.2	271.6	15,100	36.8	291.7	12,300	45.0	301.7	9,600	230
240													16.9	245.6	13,900	30.7	276.5	11,300	39.9	290.6	8,700	240
250																23.2	256.4	10,300	34.3	277.1	7,900	250
260																11.5	223.5	9,400	27.6	260.2	7,100	260
270																			18.9	236.4	6,400	270