

Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
167,000 Lb. Counterweight
360 Degree Rating**

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

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, 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.

190 Ft. and 200 Ft. boom lengths require only the middle 3 sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up. 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**.

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, and 167,000 Lb. counterweight.

Consult chart **No. 7637-A** for lifting off main boom point with luffing jib attached.



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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	156,600 b	67.6	153.0	153,700 b													50
55	51.8	144.4	117,400 *	59.0	148.8	137,900 b	63.0	150.6	135,300 b													55
60	46.3	139.9	104,200 *	54.0	145.4	123,000	58.3	147.6	120,700 b													60
65	40.2	134.4	93,500 *	48.7	141.2	109,500 *	53.3	144.1	108,800	60.2	147.2	105,400 b										65
70	33.2	127.4	84,700 *	42.9	136.2	97,900 *	47.9	139.8	98,900	55.3	143.9	95,800										70
75	24.4	117.9	77,200 *	36.3	129.9	88,300 *	42.0	134.6	90,600	50.1	140.0	87,800	57.1	142.9	84,900							75
80	9.3	100.1	65,200 *	28.5	121.7	80,300 *	35.3	128.1	83,400	44.4	135.2	80,800	52.0	139.2	78,200							80
85				17.5	109.3	73,500 *	27.1	119.5	77,200	38.0	129.2	74,800	46.5	134.7	72,400							85
90							15.2	105.8	71,700	30.6	121.6	69,500	40.4	129.3	67,300	48.3	133.4	65,100				90
95										20.7	110.7	64,800	33.5	122.3	62,800	42.4	128.3	60,800				95
100													24.7	113.0	58,800	35.8	121.9	56,900	44.0	126.3	55,100	100
105													10.2	96.0	55,100	27.8	113.5	53,400	37.6	120.3	51,700	105
110																16.4	100.5	50,200	30.1	112.5	48,700	110
115																20.0	101.3	45,900	20.0	101.3	45,900	115



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 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
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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	137,600 b	66.6	161.7	134,900 b													55
60	52.9	153.2	104,800 *	59.1	157.5	122,700	62.6	159.2	120,400 b													60
65	48.2	148.9	94,000 *	54.8	154.1	110,200 *	58.5	156.3	108,500													65
70	43.1	143.9	85,100 *	50.2	150.2	98,400 *	54.1	152.9	98,600	60.2	155.9	95,400										70
75	37.4	137.8	77,600 *	45.3	145.5	88,700 *	49.5	148.8	90,300	55.9	152.6	87,300										75
80	30.9	130.2	71,200 *	40.0	139.9	80,700 *	44.6	144.0	83,200	51.4	148.8	80,400	57.5	151.6	77,800							80
85	22.7	119.8	65,600 *	33.9	133.0	73,800 *	39.1	138.2	77,000	46.6	144.3	74,500	53.1	148.0	72,000							85
90	8.6	100.8	56,200 *	26.5	124.1	67,900 *	32.9	131.1	71,600	41.3	139.0	69,200	48.4	143.8	66,900							90
95				16.3	110.7	62,800 *	25.3	121.7	66,800	35.4	132.4	64,600	43.3	138.8	62,500	49.9	142.3	60,300				95
100							14.1	107.0	62,100 *	28.5	124.1	60,500	37.7	132.7	58,500	44.9	137.6	56,500				100
105										19.3	112.3	56,800	31.2	125.1	54,900	39.5	131.9	53,100	46.3	135.5	51,200	105
110													23.1	115.0	51,700	33.4	124.9	50,000	41.0	130.1	48,200	110
115													9.5	96.8	48,600	25.9	115.8	47,100	35.1	123.5	45,500	115
120																15.2	101.7	44,500	28.0	115.0	43,000	120



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 Boom No. 44 With Heavy Lift Top
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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	137,200 b																55
60	57.6	165.5	105,200 *	62.9	169.0	122,400	65.9	170.4	120,000													60
65	53.7	161.9	94,300 *	59.2	166.1	110,300	62.4	167.9	108,100													65
70	49.6	157.9	85,300 *	55.4	162.8	98,800 *	58.7	165.0	98,300													70
75	45.2	153.1	77,800 *	51.4	159.0	89,000 *	54.8	161.6	90,000	60.1	164.5	87,000										75
80	40.5	147.6	71,300 *	47.2	154.6	80,900 *	50.8	157.7	82,900	56.4	161.3	80,100										80
85	35.2	141.0	65,800 *	42.6	149.4	74,000 *	46.5	153.2	76,700	52.4	157.6	74,100	57.8	160.3	71,600							85
90	29.1	132.7	60,900 *	37.5	143.3	68,100 *	41.8	147.9	71,300	48.2	153.4	68,900	53.9	156.8	66,500							90
95	21.3	121.7	56,600 *	31.8	135.8	62,900 *	36.7	141.6	66,600	43.7	148.4	64,300	49.8	152.7	62,100							95
100	8.0	101.5	48,900 *	24.9	126.3	58,400 *	30.9	133.9	62,200 *	38.8	142.5	60,200	45.4	148.0	58,200	51.1	151.2	56,100				100
105				15.3	112.0	54,400 *	23.7	123.8	57,800 *	33.3	135.5	56,600	40.7	142.5	54,600	46.8	146.7	52,700				105
110							13.2	108.1	53,800 *	26.8	126.5	53,300	35.4	135.9	51,400	42.2	141.5	49,600	48.0	144.6	47,800	110
115										18.2	113.9	50,200	29.3	127.8	48,500	37.1	135.3	46,800	43.5	139.5	45,100	115
120													21.7	116.9	45,900	31.4	127.7	44,300	38.5	133.6	42,700	120
130																14.3	103.0	39,700	26.4	117.4	38,300	130



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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	122,000																60
65	57.9	174.1	94,300 *	62.6	177.7	109,900	65.3	179.1	107,700													65
70	54.4	170.7	85,300 *	59.3	174.8	98,800 *	62.1	176.6	97,900													70
75	50.7	166.8	77,700 *	55.9	171.5	89,000 *	58.8	173.6	89,600													75
80	46.9	162.3	71,200 *	52.3	167.8	80,800 *	55.4	170.3	82,500	60.1	173.2	79,600										80
85	42.8	157.1	65,600 *	48.6	163.6	73,900 *	51.8	166.5	76,300	56.7	170.0	73,700										85
90	38.3	151.1	60,700 *	44.6	158.7	68,000 *	48.0	162.2	71,000	53.2	166.4	68,500	58.0	168.9	66,000							90
95	33.3	144.0	56,400 *	40.3	153.1	62,800 *	43.9	157.2	66,200	49.5	162.3	63,900	54.5	165.5	61,600							95
100	27.5	135.2	52,600 *	35.5	146.5	58,200 *	39.6	151.5	62,000	45.6	157.6	59,800	50.9	161.6	57,700							100
105	20.2	123.5	49,200 *	30.1	138.5	54,200 *	34.7	144.7	57,600 *	41.3	152.2	56,200	47.0	157.1	54,200	52.0	160.0	52,200				105
110	7.6	102.1	42,800 *	23.6	128.3	50,700 *	29.2	136.5	53,700 *	36.7	145.9	52,900	42.9	152.0	51,000	48.3	155.7	49,100				110
115				14.5	113.2	47,400 *	22.5	125.8	50,200 *	31.5	138.3	49,900	38.5	146.0	48,100	44.3	150.8	46,400				115
120							12.5	109.2	47,000 *	25.3	128.8	47,200	33.5	138.9	45,500	39.9	145.2	43,800	45.3	148.8	42,200	120
130													20.5	118.7	40,900	29.7	130.4	39,400	36.4	136.9	37,900	130
140																13.5	104.1	35,500	24.9	119.6	34,200	140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
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 167,000 Lb. Counterweight
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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	121,600																60
65	61.1	185.8	97,000 *	65.3	188.9	109,500	67.7	190.1	107,200													65
70	58.1	182.8	87,600 *	62.4	186.3	99,500	64.9	187.8	97,400													70
75	54.9	179.4	79,800 *	59.4	183.5	91,000	61.9	185.2	89,100													75
80	51.6	175.6	73,100 *	56.3	180.2	83,000 *	58.9	182.3	82,000													80
85	48.2	171.3	67,300 *	53.1	176.6	75,900 *	55.8	179.0	75,900	60.1	181.8	73,200										85
90	44.5	166.4	62,300 *	49.7	172.5	69,700 *	52.6	175.3	70,500	57.0	178.7	68,000										90
95	40.7	160.8	57,900 *	46.1	167.9	64,400 *	49.2	171.2	65,800	53.9	175.2	63,500										95
100	36.4	154.4	54,000 *	42.4	162.6	59,700 *	45.6	166.4	61,600	50.5	171.2	59,400	55.0	174.2	57,200							100
105	31.7	146.8	50,500 *	38.3	156.6	55,600 *	41.8	161.1	57,900	47.0	166.7	55,800	51.7	170.4	53,700							105
110	26.2	137.5	47,300 *	33.8	149.6	51,900 *	37.6	154.9	54,500	43.3	161.6	52,500	48.3	166.1	50,600	52.8	168.8	48,600				110
115	19.2	125.1	44,400 *	28.6	141.1	48,600 *	33.1	147.7	51,400	39.3	155.8	49,600	44.7	161.3	47,700	49.4	164.7	45,900				115
120	7.2	102.6	35,800 *	22.5	130.3	45,700 *	27.8	138.9	48,200 *	34.9	149.0	46,900	40.8	155.7	45,100	45.9	160.0	43,400				120
130							11.9	110.2	42,600 *	24.1	130.9	42,100	31.9	141.8	40,500	38.0	148.6	39,000	43.1	152.8	37,500	130
140													19.5	120.4	36,600	28.2	132.9	35,200	34.7	140.1	33,800	140
150																12.9	105.2	31,900	23.7	121.7	30,700	150



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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	109,100																65
70	61.0	194.5	87,300 *	64.9	197.6	99,100	67.1	198.8	97,000													70
75	58.2	191.5	79,400 *	62.2	195.0	90,600	64.5	196.5	88,700													75
80	55.3	188.1	72,700 *	59.4	192.1	82,700 *	61.8	193.9	81,600													80
85	52.4	184.4	66,900 *	56.6	188.9	75,500 *	59.0	191.0	75,500	62.8	193.3	72,700										85
90	49.3	180.2	61,900 *	53.7	185.4	69,400 *	56.2	187.7	70,100	60.1	190.5	67,600										90
95	46.0	175.6	57,500 *	50.6	181.4	64,000 *	53.2	184.1	65,400	57.3	187.4	63,000										95
100	42.5	170.3	53,500 *	47.4	177.0	59,300 *	50.1	180.1	61,200	54.4	183.9	59,000										100
105	38.8	164.4	50,000 *	44.0	172.0	55,200 *	46.9	175.5	57,500	51.4	180.0	55,300	55.5	182.9	53,200							105
110	34.8	157.6	46,900 *	40.5	166.4	51,500 *	43.5	170.5	54,100	48.2	175.7	52,100	52.5	179.2	50,100							110
115	30.3	149.5	44,000 *	36.6	159.9	48,200 *	39.9	164.7	51,000 *	44.9	170.9	49,100	49.4	175.1	47,200							115
120	25.0	139.7	41,500 *	32.3	152.5	45,300 *	35.9	158.2	47,800 *	41.4	165.4	46,400	46.1	170.4	44,600	50.4	173.6	42,900				120
130	6.9	103.2	31,600 *	21.5	132.2	40,100 *	26.6	141.3	42,200 *	33.4	152.0	41,700	39.0	159.3	40,100	43.8	164.1	38,500	48.0	166.9	36,900	130
140							11.4	111.1	37,500 *	23.1	132.9	37,700	30.4	144.5	36,200	36.3	151.9	34,800	41.1	156.5	33,300	140
150													18.6	122.0	32,900	27.0	135.3	31,600	33.1	143.0	30,300	150
160																12.3	106.2	28,700	22.7	123.6	27,500	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	98,800																70
75	60.9	203.2	79,400 *	64.5	206.2	90,400	66.6	207.5	88,400													75
80	58.4	200.2	72,600 *	62.0	203.7	82,600 *	64.1	205.2	81,300													80
85	55.7	196.8	66,800 *	59.5	200.8	75,400 *	61.6	202.5	75,200													85
90	53.0	193.2	61,800 *	56.9	197.6	69,300 *	59.1	199.6	69,900	62.6	202.0	67,300										90
95	50.1	189.1	57,300 *	54.2	194.1	63,900 *	56.5	196.4	65,200	60.1	199.2	62,700										95
100	47.2	184.6	53,400 *	51.4	190.2	59,200 *	53.8	192.9	61,000	57.5	196.1	58,700										100
105	44.1	179.7	49,900 *	48.5	185.9	55,100 *	50.9	188.9	57,300	54.8	192.6	55,100										105
110	40.8	174.1	46,700 *	45.4	181.2	51,400 *	48.0	184.6	53,900	52.1	188.9	51,900	55.8	191.6	49,800							110
115	37.2	167.8	43,900 *	42.2	175.9	48,100 *	45.0	179.7	50,900	49.2	184.7	48,900	53.1	188.0	47,000							115
120	33.4	160.6	41,300 *	38.8	169.9	45,100 *	41.7	174.3	47,600 *	46.2	180.0	46,200	50.3	184.0	44,400							120
130	24.0	141.8	36,800 *	31.0	155.2	40,000 *	34.5	161.3	42,100 *	39.6	169.1	41,600	44.2	174.5	39,900	48.2	178.1	38,300				130
140	6.6	103.7	28,100 *	20.6	134.0	35,700 *	25.5	143.5	37,400 *	32.0	154.9	37,600	37.4	162.7	36,100	42.0	167.9	34,600	46.0	171.2	33,100	140
150							10.9	112.1	33,500 *	22.1	134.8	34,100	29.2	147.1	32,800	34.8	155.1	31,400	39.4	160.2	30,100	150
160													17.9	123.5	29,800	25.9	137.6	28,600	31.8	145.9	27,400	160
170																11.8	107.2	26,100	21.8	125.6	25,000	170



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	98,400																70
75	63.2	214.5	79,500 *	66.4	217.3	90,000																75
80	60.9	211.8	72,700 *	64.2	214.9	82,800	66.1	216.2	80,900													80
85	58.5	208.8	66,800 *	61.9	212.3	75,500 *	63.8	213.9	74,800													85
90	56.0	205.5	61,700 *	59.5	209.5	69,300 *	61.5	211.2	69,500													90
95	53.5	201.9	57,200 *	57.1	206.3	63,800 *	59.1	208.3	64,800	62.4	210.6	62,300										95
100	50.9	198.0	53,200 *	54.6	202.8	59,100 *	56.7	205.1	60,600	60.1	207.8	58,200										100
105	48.2	193.6	49,700 *	52.0	199.1	54,900 *	54.2	201.6	56,900	57.7	204.7	54,600										105
110	45.4	188.9	46,500 *	49.4	194.9	51,200 *	51.6	197.7	53,500	55.2	201.4	51,400										110
115	42.4	183.6	43,600 *	46.6	190.3	47,800 *	49.0	193.5	50,500	52.7	197.6	48,500	56.1	200.3	46,500							115
120	39.2	177.7	41,000 *	43.7	185.2	44,800 *	46.2	188.9	47,400 *	50.0	193.6	45,800	53.6	196.8	43,900							120
130	32.1	163.4	36,500 *	37.3	173.3	39,700 *	40.1	178.0	41,800 *	44.4	184.1	41,100	48.3	188.5	39,400	51.8	191.3	37,800				130
140	23.1	143.9	32,600 *	29.8	157.9	35,300 *	33.2	164.3	37,100 *	38.1	172.5	37,200	42.5	178.4	35,600	46.4	182.4	34,100				140
150	6.3	104.2	25,000 *	19.8	135.7	31,600 *	24.5	145.7	33,100 *	30.8	157.7	33,800	35.9	166.0	32,300	40.3	171.6	30,900	44.2	175.3	29,600	150
160							10.5	112.9	29,700 *	21.3	136.7	30,800	28.1	149.6	29,500	33.4	158.1	28,200	37.9	163.6	26,900	160
170													17.2	125.0	26,900	24.9	139.8	25,700	30.6	148.6	24,600	170
180																11.3	108.2	23,500	20.9	127.4	22,500	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	89,600																75
80	63.0	223.2	73,400 *	66.0	226.0	82,300	67.8	227.2	80,500													80
85	60.8	220.5	67,400 *	63.9	223.6	76,100	65.7	225.0	74,400													85
90	58.6	217.5	62,200 *	61.7	221.0	69,900 *	63.6	222.5	69,000													90
95	56.3	214.2	57,700 *	59.5	218.1	64,400 *	61.4	219.9	64,300													95
100	54.0	210.7	53,700 *	57.3	215.0	59,600 *	59.2	217.0	60,200	62.3	219.3	57,800										100
105	51.5	206.8	50,100 *	55.0	211.6	55,400 *	56.9	213.8	56,400	60.1	216.5	54,200										105
110	49.0	202.6	46,800 *	52.6	207.8	51,600 *	54.6	210.3	53,100	57.8	213.4	50,900										110
115	46.4	198.0	43,900 *	50.1	203.8	48,200 *	52.2	206.5	50,000	55.5	210.1	48,000										115
120	43.7	192.9	41,200 *	47.6	199.3	45,100 *	49.8	202.4	47,300	53.2	206.4	45,400	56.4	209.0	43,500							120
130	37.8	181.1	36,500 *	42.1	189.1	39,800 *	44.5	193.0	42,000 *	48.2	198.1	40,700	51.6	201.6	39,000							130
140	31.0	166.2	32,500 *	36.0	176.5	35,300 *	38.7	181.5	37,100 *	42.8	188.1	36,800	46.5	192.8	35,200	49.9	196.0	33,600				140
150	22.3	145.8	29,100 *	28.7	160.5	31,500 *	32.0	167.1	33,100 *	36.8	175.9	33,400	41.0	182.2	31,900	44.7	186.6	30,500				150
160	6.1	104.7	20,900 *	19.1	137.4	28,200 *	23.7	147.8	29,600 *	29.7	160.3	30,400	34.7	169.1	29,100	38.9	175.2	27,700	42.6	179.2	26,400	160
170							10.1	113.8	26,100 *	20.5	138.5	27,800	27.1	152.0	26,600	32.3	161.0	25,300	36.6	166.9	24,100	170
180													16.6	126.5	24,300	24.0	141.9	23,200	29.5	151.3	22,100	180
190																10.9	109.1	21,200	20.2	129.1	20,200	190



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	81,900																80
85	62.8	231.9	66,900 *	65.6	234.7	75,700	67.3	235.9	73,900													85
90	60.8	229.1	61,700 *	63.7	232.3	69,400 *	65.4	233.7	68,600													90
95	58.7	226.2	57,200 *	61.6	229.7	63,900 *	63.4	231.2	63,900													95
100	56.5	222.9	53,100 *	59.6	226.8	59,100 *	61.3	228.5	59,700													100
105	54.4	219.4	49,500 *	57.5	223.7	54,800 *	59.3	225.6	56,000	62.1	228.0	53,700										105
110	52.1	215.6	46,300 *	55.3	220.3	51,100 *	57.1	222.5	52,700	60.1	225.1	50,500										110
115	49.8	211.5	43,400 *	53.1	216.6	47,700 *	55.0	219.0	49,600	58.0	222.1	47,600										115
120	47.4	207.0	40,800 *	50.8	212.6	44,600 *	52.7	215.3	46,900	55.8	218.8	44,900										120
130	42.3	196.8	36,100 *	46.0	203.6	39,400 *	48.1	206.9	41,500 *	51.4	211.3	40,300	54.4	214.2	38,500							130
140	36.6	184.4	32,100 *	40.7	192.8	34,900 *	43.0	196.9	36,700 *	46.6	202.4	36,300	49.9	206.3	34,700	52.9	208.8	33,100				140
150	29.9	168.9	28,700 *	34.8	179.7	31,100 *	37.4	184.9	32,600 *	41.4	191.9	33,000	45.0	197.0	31,400	48.2	200.5	30,000				150
160	21.5	147.7	25,700 *	27.8	162.9	27,800 *	30.9	169.9	29,200 *	35.6	179.1	30,000	39.6	185.8	28,600	43.2	190.6	27,300	46.4	193.6	25,900	160
170	5.9	105.2	18,300 *	18.5	139.0	24,900 *	22.9	149.8	26,100 *	28.7	162.9	27,400	33.5	172.1	26,100	37.6	178.6	24,900	41.2	183.0	23,600	170
180							9.8	114.6	23,100 *	19.9	140.2	25,100	26.2	154.4	23,900	31.2	163.8	22,800	35.4	170.1	21,600	180
190													16.1	127.8	21,900	23.2	143.9	20,800	28.5	153.8	19,800	190
200																10.6	110.0	19,100	19.5	130.9	18,100	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	68,300													90
95	60.7	237.8	57,400 *	63.4	241.0	64,200 *	65.0	242.4	63,600													95
100	58.7	234.8	53,300 *	61.5	238.3	59,300 *	63.2	239.9	59,400													100
105	56.7	231.6	49,600 *	59.6	235.4	55,000 *	61.2	237.2	55,700													105
110	54.7	228.1	46,400 *	57.6	232.3	51,200 *	59.3	234.3	52,400	62.0	236.6	50,200										110
115	52.6	224.4	43,400 *	55.6	229.0	47,700 *	57.3	231.1	49,300	60.1	233.8	47,300										115
120	50.4	220.4	40,700 *	53.5	225.4	44,600 *	55.3	227.8	46,600	58.1	230.8	44,600										120
130	45.9	211.3	36,000 *	49.2	217.2	39,300 *	51.0	220.1	41,400 *	54.0	223.9	40,000	56.8	226.4	38,200							130
140	40.9	200.5	32,000 *	44.5	207.7	34,800 *	46.5	211.2	36,600 *	49.7	215.9	36,100	52.7	219.2	34,400							140
150	35.4	187.6	28,600 *	39.4	196.4	31,000 *	41.6	200.8	32,500 *	45.1	206.6	32,700	48.3	210.9	31,200	51.2	213.7	29,700				150
160	29.0	171.5	25,600 *	33.7	182.7	27,700 *	36.2	188.2	29,000 *	40.1	195.6	29,800	43.5	201.0	28,400	46.7	204.8	27,000				160
170	20.9	149.5	23,000 *	26.9	165.3	24,800 *	30.0	172.6	26,000 *	34.4	182.2	27,200	38.4	189.3	25,900	41.8	194.4	24,600	45.0	197.8	23,400	170
180	5.7	105.7	16,200 *	17.9	140.5	22,300 *	22.2	151.8	23,300 *	27.8	165.4	24,900	32.5	175.0	23,700	36.4	181.9	22,500	39.9	186.7	21,300	180
190							9.5	115.4	20,700 *	19.2	141.9	22,600 *	25.4	156.6	21,800	30.2	166.5	20,600	34.3	173.2	19,500	190
200													15.6	129.2	20,000	22.5	145.9	18,900	27.6	156.2	17,900	200
210																10.2	110.9	17,300	18.9	132.5	16,400	210



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	63,200													95
100	60.7	246.5	52,700 *	63.3	249.6	58,800 *	64.8	251.0	59,000													100
105	58.8	243.5	49,100 *	61.5	247.0	54,500 *	63.0	248.5	55,300													105
110	56.9	240.3	45,800 *	59.6	244.1	50,600 *	61.2	245.9	52,000													110
115	55.0	236.9	42,900 *	57.7	241.0	47,200 *	59.3	242.9	48,900	61.9	245.3	46,800										115
120	53.0	233.2	40,200 *	55.8	237.7	44,100 *	57.5	239.8	46,200	60.1	242.5	44,200										120
130	48.9	225.0	35,500 *	51.9	230.3	38,800 *	53.6	232.9	41,000 *	56.3	236.2	39,500										130
140	44.5	215.4	31,500 *	47.7	221.7	34,300 *	49.5	224.8	36,100 *	52.4	228.9	35,600	55.1	231.7	33,900							140
150	39.7	204.2	28,100 *	43.2	211.7	30,500 *	45.1	215.4	32,100 *	48.2	220.4	32,300	51.1	224.0	30,700							150
160	34.4	190.7	25,200 *	38.3	199.9	27,200 *	40.4	204.5	28,600 *	43.7	210.6	29,300	46.8	215.2	27,900	49.6	218.3	26,500				160
170	28.2	174.0	22,600 *	32.7	185.7	24,400 *	35.2	191.4	25,600 *	38.9	199.1	26,800	42.2	204.9	25,500	45.3	209.0	24,100				170
180	20.3	151.3	20,200 *	26.1	167.6	21,900 *	29.1	175.2	22,900 *	33.4	185.2	24,500	37.2	192.7	23,300	40.6	198.1	22,000	43.6	201.8	20,900	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	21,300	35.4	185.1	20,200	38.7	190.2	19,100	190
200							9.2	116.2	18,200 *	18.7	143.6	19,900 *	24.7	158.8	19,600	29.3	169.1	18,500	33.3	176.2	17,400	200
210													15.1	130.5	18,000	21.9	147.8	17,000	26.8	158.6	16,000	210
220																9.9	111.7	15,500	18.4	134.1	14,600	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	58,600													100
105	60.6	255.1	48,600 *	63.1	258.3	54,000 *	64.5	259.7	54,900													105
110	58.9	252.2	45,300 *	61.4	255.6	50,100 *	62.8	257.2	51,500													110
115	57.1	249.0	42,400 *	59.6	252.8	46,700 *	61.1	254.5	48,500													115
120	55.3	245.6	39,700 *	57.9	249.7	43,600 *	59.4	251.6	45,800	61.8	253.9	43,700										120
130	51.5	238.0	35,000 *	54.2	242.9	38,300 *	55.8	245.2	40,500 *	58.3	248.1	39,100										130
140	47.5	229.4	31,100 *	50.4	235.0	33,800 *	52.0	237.8	35,700 *	54.7	241.4	35,200	57.2	243.8	33,500							140
150	43.2	219.4	27,700 *	46.3	226.0	30,000 *	48.1	229.3	31,600 *	50.9	233.7	31,900	53.5	236.8	30,300							150
160	38.6	207.7	24,700 *	42.0	215.6	26,800 *	43.9	219.5	28,100 *	46.8	224.8	28,900	49.6	228.7	27,500	52.2	231.3	26,100				160
170	33.4	193.7	22,100 *	37.2	203.3	23,900 *	39.3	208.0	25,100 *	42.5	214.6	26,400	45.5	219.4	25,000	48.2	222.8	23,700				170
180	27.4	176.4	19,800 *	31.8	188.5	21,500 *	34.2	194.5	22,500 *	37.8	202.5	24,200	41.1	208.7	22,900	44.0	213.1	21,600	46.7	216.0	20,400	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	20,900	39.5	201.7	19,800	42.4	205.7	18,600	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	19,200	34.4	188.2	18,100	37.7	193.6	17,000	200
210							8.9	116.9	16,000 *	18.2	145.1	17,400 *	24.0	160.9	17,600	28.5	171.6	16,600	32.3	179.1	15,600	210
220													14.7	131.8	16,200	21.3	149.7	15,200	26.1	160.9	14,300	220
230																9.6	112.5	13,900	17.9	135.7	13,000	230



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	38,700										130
140	50.1	242.7	30,500 *	52.7	247.8	33,300 *	54.2	250.3	35,100 *	56.7	253.5	34,800										140
150	46.2	233.7	27,200 *	49.0	239.6	29,600 *	50.6	242.5	31,100 *	53.2	246.4	31,400	55.6	249.1	29,800							150
160	42.1	223.2	24,200 *	45.1	230.2	26,300 *	46.8	233.6	27,600 *	49.5	238.3	28,500	52.0	241.7	27,000							160
170	37.6	211.1	21,700 *	40.8	219.3	23,500 *	42.7	223.4	24,600 *	45.6	229.0	26,000	48.3	233.2	24,600	50.8	236.1	23,200				170
180	32.5	196.6	19,400 *	36.2	206.6	21,000 *	38.2	211.5	22,000 *	41.4	218.3	23,700	44.3	223.5	22,400	46.9	227.2	21,100				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	20,500	42.8	217.0	19,300	45.5	220.2	18,100	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	18,800	38.4	205.2	17,600	41.2	209.5	16,500	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	17,200	33.5	191.2	16,100	36.7	196.9	15,100	210
220							8.7	117.7	13,900 *	17.7	146.7	15,200 *	23.4	163.0	15,800	27.8	174.1	14,800	31.5	181.9	13,800	220
230													14.3	133.0	14,400	20.7	151.5	13,500	25.4	163.2	12,600	230
240																9.4	113.3	12,300	17.4	137.2	11,500	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	155,900 b																50
55	52.2	154.7	118,400 *	60.2	159.5	137,300 b	64.6	161.3	134,400 b													55
60	46.7	150.2	105,000 *	55.3	156.2	122,500 b	60.0	158.6	119,900 b													60
65	40.7	144.8	94,200 *	50.1	152.2	110,400	55.0	155.3	108,100	62.6	158.3	104,200 b										65
70	33.7	137.9	85,300 *	44.4	147.4	100,400	49.8	151.3	98,300	57.9	155.3	94,700 b										70
75	25.1	128.7	77,700 *	38.0	141.5	90,500 *	44.1	146.4	90,000	52.8	151.8	86,700										75
80	11.1	112.3	70,000 *	30.6	133.9	82,200 *	37.7	140.4	82,900	47.4	147.4	79,900	55.5	151.2	76,900							80
85				20.7	122.9	75,100 *	30.2	132.7	76,700	41.4	142.1	74,000	50.3	147.3	71,200							85
90							20.1	121.5	71,200	34.6	135.5	68,800	44.7	142.5	66,200	52.8	146.1	63,700				90
95										26.3	126.6	64,100	38.4	136.7	61,800	47.4	141.7	59,500				95
100										13.6	112.0	59,900	31.0	129.1	57,900	41.5	136.4	55,700				100
105													21.3	118.4	54,300	34.7	129.8	52,300	44.0	135.0	50,300	105
110																26.3	120.9	49,200	37.6	129.0	47,300	110
115																13.7	106.4	46,300	30.1	121.2	44,700	115
120																			20.0	110.0	42,200	120



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	155,600 b																50
55	57.6	167.0	119,100 *	64.2	170.9	137,000 b	68.0	172.3	134,000 b													55
60	53.2	163.4	105,600 *	60.2	168.2	122,200	64.1	170.0	119,500 b													60
65	48.5	159.2	94,700 *	55.9	164.9	110,100	60.0	167.2	107,700													65
70	43.5	154.3	85,700 *	51.4	161.1	100,100	55.7	164.0	97,900	62.3	167.0	94,300 b										70
75	37.9	148.2	78,100 *	46.6	156.6	90,900 *	51.2	160.1	89,600	58.1	164.0	86,300										75
80	31.4	140.7	71,600 *	41.3	151.3	82,500 *	46.3	155.6	82,600	53.8	160.5	79,500										80
85	23.4	130.7	66,000 *	35.4	144.7	75,400 *	41.1	150.2	76,400	49.1	156.4	73,600	56.1	159.9	70,700							85
90	10.3	113.1	60,300 *	28.5	136.4	69,300 *	35.1	143.6	71,100	44.1	151.5	68,400	51.6	156.1	65,800							90
95				19.3	124.6	64,000 *	28.1	135.2	66,300	38.6	145.7	63,800	46.8	151.7	61,400							95
100							18.8	123.1	62,000	32.3	138.4	59,800	41.6	146.4	57,500	49.1	150.7	55,200				100
105										24.5	128.8	56,100	35.7	139.9	54,000	44.1	145.8	51,800				105
110										12.7	113.0	52,700	28.8	131.7	50,800	38.6	140.0	48,800	46.3	144.2	46,800	110
115													19.8	120.2	47,900	32.3	132.7	46,100	41.0	138.7	44,200	115
120																24.5	123.1	43,500	35.1	132.1	41,800	120
130																			18.6	111.6	37,500	130



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	136,600 b																55
60	57.9	175.7	106,000 *	63.8	179.6	121,800	67.1	181.0	119,100 b													60
65	54.0	172.2	95,000 *	60.1	176.8	109,800	63.6	178.7	107,300													65
70	49.9	168.2	85,900 *	56.4	173.6	99,800	60.0	175.9	97,600													70
75	45.5	163.5	78,300 *	52.4	169.9	91,200 *	56.2	172.7	89,300	62.0	175.7	85,900										75
80	40.8	158.0	71,800 *	48.2	165.7	82,800 *	52.2	169.0	82,200	58.3	172.7	79,100										80
85	35.6	151.5	66,100 *	43.7	160.7	75,600 *	48.0	164.7	76,100	54.5	169.3	73,200										85
90	29.5	143.4	61,200 *	38.8	154.8	69,500 *	43.5	159.6	70,800	50.4	165.3	68,100	56.5	168.6	65,400							90
95	22.0	132.6	56,900 *	33.3	147.7	64,100 *	38.6	153.7	66,100	46.1	160.7	63,500	52.6	164.9	61,000							95
100	9.6	113.9	52,400 *	26.8	138.8	59,500 *	33.0	146.6	61,900	41.4	155.3	59,500	48.4	160.7	57,100							100
105				18.1	126.2	55,300 *	26.4	137.5	58,100	36.3	149.0	55,900	43.9	155.8	53,600	50.4	159.6	51,400				105
110							17.6	124.6	54,700	30.3	141.1	52,600	39.1	149.9	50,500	46.1	155.0	48,400				110
115										23.0	130.8	49,600	33.6	142.9	47,700	41.5	149.7	45,700	48.0	153.2	43,800	115
120										11.9	114.0	46,800	27.1	134.1	45,100	36.3	143.3	43,200	43.5	148.2	41,400	120
130																23.1	125.1	38,800	33.0	135.1	37,200	130
140																			17.5	113.1	33,600	140



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	136,200 b																55
60	61.4	187.4	106,100 *	66.6	190.7	121,500																60
65	58.1	184.4	95,000 *	63.4	188.2	109,400	66.4	189.8	106,900													65
70	54.6	180.9	85,900 *	60.1	185.5	99,400	63.2	187.3	97,100													70
75	51.0	177.0	78,200 *	56.7	182.3	91,000	60.0	184.5	88,900													75
80	47.2	172.6	71,600 *	53.2	178.7	82,700 *	56.6	181.4	81,800	61.8	184.3	78,600										80
85	43.1	167.5	66,000 *	49.5	174.6	75,500 *	53.0	177.7	75,700	58.5	181.4	72,700										85
90	38.6	161.5	61,100 *	45.6	169.9	69,300 *	49.3	173.6	70,400	55.1	178.0	67,600										90
95	33.7	154.5	56,700 *	41.3	164.5	64,000 *	45.4	168.9	65,700	51.4	174.2	63,100	56.9	177.3	60,500							95
100	27.9	145.9	52,900 *	36.7	158.2	59,300 *	41.1	163.4	61,500	47.6	169.8	59,100	53.4	173.7	56,600							100
105	20.8	134.4	49,400 *	31.5	150.6	55,200 *	36.5	157.0	57,800	43.6	164.8	55,500	49.7	169.6	53,200							105
110	9.1	114.7	45,800 *	25.3	141.0	51,500 *	31.2	149.4	54,400	39.2	158.9	52,200	45.8	165.0	50,000	51.5	168.5	47,900				110
115				17.2	127.7	48,200 *	25.0	139.7	51,300	34.3	152.1	49,300	41.5	159.6	47,200	47.7	164.1	45,200				115
120							16.7	126.1	48,100 *	28.7	143.7	46,600	36.9	153.3	44,700	43.6	159.1	42,700				120
130										11.2	115.0	41,800	25.7	136.4	40,100	34.3	146.4	38,400	41.1	152.0	36,700	130
140																21.8	127.0	34,700	31.2	137.9	33,200	140
150																16.6	114.5	30,000			30,000	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	121,000																60
65	61.3	196.0	97,700 *	66.0	199.4	109,000																65
70	58.3	193.0	88,200 *	63.1	196.9	99,000	65.9	198.5	96,700													70
75	55.1	189.7	80,300 *	60.1	194.1	90,600	63.0	196.0	88,400													75
80	51.9	185.9	73,500 *	57.0	191.0	83,400	60.0	193.2	81,400													80
85	48.4	181.6	67,700 *	53.8	187.5	77,200	56.9	190.1	75,300	61.7	193.0	72,200										85
90	44.8	176.8	62,600 *	50.5	183.5	71,200 *	53.7	186.5	70,000	58.6	190.0	67,100										90
95	40.9	171.2	58,200 *	47.0	179.0	65,600 *	50.4	182.5	65,300	55.5	186.7	62,600										95
100	36.7	164.9	54,200 *	43.3	173.9	60,800 *	46.9	178.0	61,100	52.3	183.0	58,600	57.2	186.0	56,100							100
105	32.0	157.4	50,700 *	39.3	168.1	56,600 *	43.1	172.9	57,400	48.9	178.8	55,000	54.0	182.5	52,700							105
110	26.6	148.2	47,500 *	34.9	161.3	52,800 *	39.1	167.0	54,100	45.3	174.0	51,800	50.7	178.5	49,600							110
115	19.8	136.2	44,600 *	30.0	153.2	49,400 *	34.7	160.2	51,000	41.4	168.6	48,900	47.2	174.1	46,800	52.3	177.3	44,700				115
120	8.6	115.4	38,500 *	24.1	143.2	46,400 *	29.7	152.0	48,200	37.3	162.3	46,200	43.5	169.0	44,200	48.9	173.1	42,300				120
130							15.9	127.4	43,300	27.3	146.1	41,500	35.1	156.5	39,700	41.4	162.9	38,000	46.8	166.6	36,200	130
140										10.7	115.9	37,500	24.4	138.5	35,900	32.7	149.3	34,300	39.1	155.5	32,700	140
150																20.8	128.9	31,100	29.7	140.6	29,700	150
160																15.8	115.8	27,000	15.8	115.8	27,000	160



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	120,600																60
65	63.9	207.3	97,400 *	68.1	210.3	108,600																65
70	61.2	204.7	87,900 *	65.5	208.1	98,600	68.0	209.4	96,200													70
75	58.4	201.7	80,000 *	62.8	205.6	90,200	65.4	207.2	88,000													75
80	55.5	198.4	73,200 *	60.1	202.8	83,000	62.7	204.7	81,000													80
85	52.6	194.7	67,300 *	57.3	199.7	76,800	60.0	201.9	74,900													85
90	49.5	190.5	62,200 *	54.4	196.2	70,800 *	57.2	198.7	69,600	61.5	201.6	66,600										90
95	46.2	185.9	57,800 *	51.4	192.3	65,300 *	54.2	195.2	64,900	58.8	198.7	62,100										95
100	42.8	180.7	53,800 *	48.2	188.0	60,400 *	51.2	191.4	60,700	55.9	195.4	58,100										100
105	39.1	174.8	50,300 *	44.9	183.2	56,200 *	48.1	187.0	57,000	52.9	191.8	54,600	57.4	194.7	52,200							105
110	35.1	168.1	47,100 *	41.4	177.7	52,400 *	44.7	182.1	53,700	49.9	187.7	51,400	54.5	191.2	49,100							110
115	30.6	160.1	44,200 *	37.5	171.5	49,000 *	41.2	176.7	50,600	46.6	183.1	48,400	51.5	187.4	46,300							115
120	25.4	150.5	41,600 *	33.4	164.3	46,000 *	37.4	170.4	47,900	43.2	178.0	45,800	48.4	183.1	43,700	53.0	186.1	41,700				120
130		8.2	34,100 *	23.0	145.2	40,700 *	28.4	154.6	43,000	35.6	165.6	41,100	41.5	172.8	39,300	46.7	177.4	37,400				130
140							15.1	128.7	38,300 *	26.1	148.4	37,200	33.6	159.5	35,500	39.6	166.5	33,800	44.7	170.7	32,200	140
150										10.2	116.7	33,700	23.3	140.6	32,200	31.2	152.1	30,700	37.3	158.9	29,200	150
160																19.9	130.6	27,900	28.4	143.1	26,600	160
170																15.0	117.1	24,200			24,200	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	108,300																65
70	63.6	216.0	88,500 *	67.5	219.0	98,300																70
75	61.1	213.3	80,400 *	65.1	216.8	89,900	67.4	218.1	87,700													75
80	58.5	210.4	73,600 *	62.6	214.2	82,700	65.0	215.9	80,700													80
85	55.9	207.1	67,600 *	60.1	211.5	76,500	62.5	213.3	74,600													85
90	53.2	203.4	62,500 *	57.5	208.4	71,100	60.0	210.5	69,300													90
95	50.3	199.4	57,900 *	54.8	204.9	65,500 *	57.4	207.4	64,600	61.4	210.3	61,900										95
100	47.4	195.0	53,900 *	52.1	201.1	60,600 *	54.7	204.0	60,500	58.9	207.4	57,900										100
105	44.3	190.0	50,400 *	49.2	197.0	56,300 *	51.9	200.2	56,800	56.2	204.1	54,300										105
110	41.0	184.5	47,200 *	46.2	192.3	52,500 *	49.1	196.0	53,500	53.5	200.5	51,100	57.6	203.3	48,800							110
115	37.5	178.2	44,300 *	43.0	187.1	49,100 *	46.0	191.3	50,400	50.7	196.5	48,200	55.0	199.9	46,000							115
120	33.6	171.1	41,700 *	39.6	181.3	46,000 *	42.9	186.1	47,700	47.8	192.2	45,600	52.2	196.2	43,500							120
130	24.4	152.6	37,100 *	32.0	167.2	40,700 *	35.8	173.7	42,900	41.4	181.8	41,000	46.3	187.4	39,100	50.7	190.9	37,200				130
140	7.9	116.7	30,500 *	22.1	147.1	36,300 *	27.2	157.0	38,300 *	34.1	168.6	37,000	39.8	176.5	35,300	44.7	181.6	33,600				140
150							14.5	130.0	34,200 *	25.0	150.6	33,600	32.2	162.4	32,100	38.0	170.0	30,500	42.8	174.7	29,000	150
160										9.8	117.5	30,600	22.4	142.5	29,200	29.9	154.8	27,800	35.8	162.2	26,400	160
170																19.0	132.2	25,400	27.2	145.5	24,100	170
180																			14.4	118.4	22,000	180



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	97,900																70
75	63.4	224.7	80,000 *	67.0	227.8	89,500																75
80	61.0	222.0	73,100 *	64.7	225.5	82,300	66.9	226.9	80,300													80
85	58.6	219.0	67,200 *	62.4	222.9	76,100	64.6	224.6	74,200													85
90	56.2	215.8	62,000 *	60.1	220.1	70,700 *	62.3	222.0	68,900													90
95	53.7	212.2	57,500 *	57.7	217.0	65,100 *	60.0	219.2	64,200													95
100	51.1	208.3	53,500 *	55.2	213.6	60,200 *	57.6	216.1	60,100	61.3	219.0	57,400										100
105	48.4	204.0	49,900 *	52.7	209.9	55,900 *	55.1	212.7	56,400	58.9	216.0	53,900										105
110	45.6	199.2	46,700 *	50.0	205.9	52,100 *	52.5	209.0	53,000	56.5	212.8	50,700										110
115	42.6	193.9	43,800 *	47.3	201.4	48,600 *	49.9	204.9	50,000	54.0	209.3	47,800	57.8	212.0	45,500							115
120	39.4	188.1	41,200 *	44.4	196.4	45,600 *	47.1	200.4	47,300	51.4	205.4	45,100	55.3	208.6	43,000							120
130	32.4	174.0	36,600 *	38.1	184.8	40,200 *	41.2	189.9	42,500	45.9	196.4	40,500	50.2	200.9	38,600							130
140	23.5	154.7	32,700 *	30.8	169.9	35,800 *	34.5	176.8	37,800 *	39.8	185.5	36,600	44.5	191.5	34,800	48.7	195.4	33,100				140
150	7.6	117.3	27,000 *	21.3	149.0	32,100 *	26.2	159.3	33,800 *	32.8	171.6	33,300	38.3	180.0	31,600	43.0	185.5	30,000	47.1	188.9	28,500	150
160							14.0	131.2	30,300 *	24.1	152.7	30,300	31.0	165.2	28,800	36.5	173.3	27,300	41.2	178.4	25,900	160
170										9.4	118.3	27,700	21.5	144.4	26,300	28.8	157.4	25,000	34.4	165.3	23,600	170
180																18.3	133.8	22,800	26.2	147.8	21,600	180
190																			13.9	119.6	19,800	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	89,100																75
80	63.1	233.4	73,800 *	66.5	236.5	81,900																80
85	61.0	230.7	67,800 *	64.4	234.1	75,700	66.4	235.6	73,700													85
90	58.7	227.7	62,600 *	62.3	231.6	70,300	64.3	233.2	68,400													90
95	56.5	224.5	58,000 *	60.1	228.8	65,500	62.2	230.7	63,800													95
100	54.1	220.9	53,900 *	57.8	225.7	60,700 *	60.0	227.9	59,600													100
105	51.7	217.1	50,300 *	55.5	222.4	56,400 *	57.7	224.8	55,900	61.2	227.6	53,400										105
110	49.2	212.9	47,100 *	53.2	218.7	52,500 *	55.4	221.4	52,600	59.0	224.7	50,200										110
115	46.6	208.3	44,100 *	50.7	214.7	49,000 *	53.1	217.7	49,600	56.7	221.5	47,300										115
120	43.9	203.3	41,500 *	48.2	210.4	45,900 *	50.6	213.7	46,900	54.4	218.0	44,700	57.9	220.7	42,500							120
130	38.0	191.5	36,800 *	42.8	200.4	40,500 *	45.4	204.6	42,100	49.5	210.0	40,100	53.3	213.7	38,100							130
140	31.2	176.8	32,900 *	36.8	188.2	36,000 *	39.7	193.5	38,000	44.3	200.5	36,200	48.3	205.4	34,400	52.0	208.5	32,600				140
150	22.6	156.7	29,400 *	29.7	172.6	32,200 *	33.2	179.8	34,000 *	38.4	189.0	32,800	42.9	195.5	31,200	47.0	199.8	29,500				150
160	7.3	117.9	22,700 *	20.5	150.8	28,800 *	25.3	161.5	30,400 *	31.7	174.4	29,900	36.9	183.3	28,400	41.4	189.4	26,900	45.4	193.1	25,400	160
170							13.5	132.3	27,100 *	23.2	154.8	27,400	29.9	167.9	25,900	35.2	176.5	24,500	39.7	182.1	23,200	170
180										9.0	119.1	25,000	20.8	146.3	23,700	27.8	159.8	22,400	33.2	168.3	21,200	180
190																17.7	135.4	20,600	25.2	150.0	19,400	190
200																			13.4	120.7	17,700	200



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	81,500																80
85	62.9	242.0	67,300 *	66.1	245.2	75,300	68.0	246.5	73,300													85
90	60.9	239.3	62,100 *	64.1	242.8	69,900	66.0	244.3	68,000													90
95	58.8	236.4	57,500 *	62.1	240.2	65,100	64.1	241.9	63,300													95
100	56.7	233.2	53,400 *	60.1	237.4	60,200 *	62.0	239.3	59,200													100
105	54.5	229.7	49,800 *	58.0	234.4	55,800 *	60.0	236.5	55,500													105
110	52.3	225.9	46,500 *	55.8	231.1	52,000 *	57.9	233.4	52,200	61.1	236.3	49,700										110
115	49.9	221.8	43,600 *	53.6	227.5	48,500 *	55.7	230.1	49,200	59.1	233.4	46,800										115
120	47.5	217.3	40,900 *	51.4	223.6	45,400 *	53.5	226.5	46,400	57.0	230.2	44,200										120
130	42.4	207.2	36,300 *	46.6	214.7	40,000 *	48.9	218.3	41,700	52.5	223.0	39,600	55.9	226.1	37,600							130
140	36.8	194.9	32,400 *	41.4	204.2	35,500 *	43.9	208.7	37,600 *	47.8	214.5	35,700	51.5	218.6	33,900							140
150	30.2	179.5	29,100 *	35.5	191.4	31,700 *	38.4	197.0	33,500 *	42.8	204.5	32,400	46.7	209.8	30,700	50.2	213.2	29,000				150
160	21.9	158.6	26,000 *	28.7	175.2	28,400 *	32.1	182.6	30,000 *	37.1	192.3	29,500	41.5	199.3	27,900	45.4	204.0	26,400				160
170	7.1	118.5	20,000 *	19.8	152.5	25,500 *	24.5	163.7	26,800 *	30.6	177.2	27,000	35.7	186.5	25,500	40.1	193.0	24,000	43.9	197.2	22,600	170
180							13.0	133.5	24,000 *	22.5	156.7	24,700	28.9	170.4	23,300	34.0	179.5	22,000	38.4	185.6	20,700	180
190										8.7	119.8	22,600	20.1	148.0	21,400	26.9	162.2	20,100	32.1	171.2	18,900	190
200																17.1	136.9	18,400	24.4	152.2	17,300	200
210																			12.9	121.8	15,800	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	75,000																85
90	62.8	250.7	62,400 *	65.8	253.9	69,600	67.5	255.2	67,700													90
95	60.8	248.0	57,700 *	63.9	251.5	64,800	65.7	253.0	63,000													95
100	58.9	245.0	53,600 *	62.0	248.9	60,500 *	63.8	250.6	58,900													100
105	56.9	241.8	49,900 *	60.1	246.1	56,000 *	61.9	248.0	55,200													105
110	54.8	238.4	46,600 *	58.1	243.0	52,100 *	60.0	245.2	51,900	63.0	247.6	49,400										110
115	52.7	234.7	43,600 *	56.1	239.8	48,600 *	58.0	242.1	48,900	61.1	244.9	46,500										115
120	50.6	230.7	40,900 *	54.0	236.2	45,400 *	56.0	238.8	46,200	59.1	242.0	43,900										120
130	46.0	221.6	36,200 *	49.7	228.2	39,900 *	51.8	231.4	41,400	55.1	235.4	39,300										130
140	41.1	210.9	32,300 *	45.1	218.9	35,400 *	47.3	222.7	37,400	50.8	227.8	35,500	54.1	231.2	33,600							140
150	35.6	198.1	28,900 *	40.1	207.8	31,600 *	42.5	212.6	33,300 *	46.3	218.8	32,100	49.8	223.3	30,400	53.0	226.1	28,700				150
160	29.3	182.1	25,900 *	34.4	194.5	28,300 *	37.2	200.4	29,800 *	41.4	208.3	29,300	45.2	214.0	27,700	48.6	217.8	26,100				160
170	21.2	160.5	23,200 *	27.8	177.6	25,400 *	31.1	185.4	26,700 *	36.0	195.6	26,700	40.2	203.0	25,200	43.9	208.1	23,800	47.3	211.3	22,400	170
180	6.8	119.1	17,800 *	19.2	154.2	22,800 *	23.7	165.8	24,000 *	29.7	179.8	24,500	34.6	189.7	23,100	38.8	196.6	21,700	42.5	201.1	20,400	180
190							12.6	134.5	21,500 *	21.8	158.7	22,500	28.0	172.9	21,200	33.0	182.5	19,900	37.2	188.9	18,700	190
200										8.5	120.5	20,600	19.5	149.7	19,400	26.0	164.5	18,200	31.1	174.0	17,100	200
210																16.6	138.3	16,700	23.7	154.3	15,600	210
220																			12.5	122.9	14,300	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	64,400	67.1	264.0	62,600													95
100	60.8	256.6	53,000 *	63.7	260.2	59,900 *	65.4	261.7	58,500													100
105	59.0	253.7	49,300 *	61.9	257.6	55,500 *	63.6	259.3	54,800													105
110	57.1	250.5	46,000 *	60.1	254.8	51,500 *	61.8	256.7	51,500													110
115	55.1	247.1	43,100 *	58.2	251.7	48,000 *	60.0	253.8	48,500	62.8	256.3	46,100										115
120	53.2	243.4	40,400 *	56.3	248.4	44,900 *	58.1	250.8	45,700	61.0	253.6	43,400										120
130	49.0	235.3	35,700 *	52.4	241.2	39,400 *	54.3	244.0	41,000	57.3	247.5	38,900										130
140	44.7	225.7	31,700 *	48.2	232.7	34,900 *	50.2	236.1	36,900	53.4	240.5	35,000	56.4	243.4	33,100							140
150	39.9	214.6	28,400 *	43.7	222.9	31,000 *	45.9	227.0	32,800 *	49.3	232.4	31,700	52.5	236.2	29,900							150
160	34.6	201.2	25,400 *	38.9	211.4	27,800 *	41.3	216.3	29,300 *	44.9	223.0	28,800	48.3	227.8	27,200	51.4	230.9	25,600				160
170	28.4	184.6	22,800 *	33.4	197.5	24,900 *	36.1	203.7	26,200 *	40.2	211.9	26,300	43.9	218.0	24,800	47.2	222.2	23,300				170
180	20.6	162.3	20,500 *	27.0	180.0	22,400 *	30.2	188.1	23,600 *	34.9	198.7	24,100	39.0	206.5	22,600	42.6	212.0	21,300	45.9	215.6	19,900	180
190	6.6	119.6	15,600 *	18.7	155.8	20,100 *	23.0	167.8	21,100 *	28.8	182.4	22,100	33.6	192.7	20,700	37.7	200.0	19,400	41.2	204.9	18,200	190
200							12.3	135.6	18,900 *	21.2	160.5	20,300	27.2	175.3	19,000	32.0	185.4	17,800	36.1	192.2	16,600	200
210										8.2	121.2	18,400 *	18.9	151.4	17,500	25.3	166.8	16,300	30.2	176.7	15,200	210
220																16.1	139.7	14,900	23.0	156.3	13,900	220
230																			12.2	123.9	12,700	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	58,000													100
105	60.8	265.3	48,800 *	63.5	268.9	55,000 *	65.1	270.4	54,400													105
110	59.0	262.4	45,500 *	61.8	266.2	51,100 *	63.4	268.0	51,000													110
115	57.2	259.2	42,600 *	60.1	263.4	47,500 *	61.7	265.3	48,000													115
120	55.4	255.8	39,900 *	58.3	260.4	44,400 *	60.0	262.5	45,300	62.7	265.0	43,000										120
130	51.6	248.3	35,200 *	54.7	253.7	38,900 *	56.4	256.2	40,600	59.2	259.3	38,400										130
140	47.7	239.7	31,200 *	50.9	246.0	34,400 *	52.7	249.0	36,400 *	55.6	252.9	34,600										140
150	43.4	229.7	27,900 *	46.8	237.1	30,500 *	48.8	240.7	32,300 *	51.9	245.4	31,300	54.8	248.7	29,500							150
160	38.8	218.1	24,900 *	42.5	226.8	27,300 *	44.6	231.1	28,800 *	47.9	236.9	28,400	51.0	241.0	26,800							160
170	33.6	204.3	22,400 *	37.8	214.8	24,400 *	40.1	220.0	25,700 *	43.7	227.0	25,900	46.9	232.1	24,400	49.9	235.6	22,800				170
180	27.6	187.1	20,100 *	32.5	200.4	22,000 *	35.1	206.8	23,100 *	39.1	215.5	23,700	42.6	221.9	22,200	45.8	226.4	20,800				180
190	20.0	164.0	18,000 *	26.3	182.4	19,700 *	29.4	190.8	20,700 *	33.9	201.8	21,700	37.9	210.0	20,300	41.4	215.8	19,000	44.6	219.7	17,700	190
200	6.4	120.2	13,500 *	18.2	157.4	17,600 *	22.4	169.8	18,600 *	28.0	184.9	19,900	32.6	195.6	18,600	36.6	203.3	17,400	40.1	208.6	16,200	200
210							11.9	136.6	16,600 *	20.6	162.3	18,100 *	26.4	177.7	17,100	31.1	188.2	15,900	35.1	195.4	14,800	210
220										8.0	121.9	16,200 *	18.4	153.0	15,700	24.6	168.9	14,600	29.4	179.3	13,500	220
230																15.6	141.1	13,300	22.3	158.3	12,300	230
240																			11.8	125.0	11,200	240



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	50,600													110
115	59.1	271.0	41,900 *	61.7	274.9	46,000 *	63.3	276.6	47,600													115
120	57.4	267.9	39,300 *	60.1	272.1	43,600 *	61.6	274.0	44,900													120
130	53.9	260.9	34,600 *	56.7	265.8	38,300 *	58.3	268.1	40,100	60.9	270.9	38,000										130
140	50.2	253.0	30,700 *	53.2	258.7	33,800 *	54.9	261.4	35,900 *	57.6	264.9	34,100										140
150	46.4	244.0	27,300 *	49.5	250.6	30,000 *	51.3	253.8	31,700 *	54.1	258.0	30,800	56.8	260.8	29,000							150
160	42.2	233.6	24,400 *	45.6	241.3	26,700 *	47.5	245.1	28,200 *	50.5	250.2	28,000	53.3	253.7	26,300							160
170	37.7	221.5	21,900 *	41.4	230.6	23,900 *	43.4	235.1	25,200 *	46.6	241.2	25,500	49.6	245.6	23,900	52.3	248.5	22,300				170
180	32.7	207.2	19,600 *	36.8	218.2	21,400 *	39.0	223.6	22,600 *	42.5	230.9	23,200	45.7	236.4	21,800	48.6	240.1	20,300				180
190	26.9	189.5	17,600 *	31.6	203.2	19,200 *	34.2	209.9	20,200 *	38.0	219.0	21,300	41.5	225.7	19,900	44.6	230.6	18,500	47.4	233.7	17,200	190
200	19.5	165.7	15,700 *	25.6	184.6	17,200 *	28.6	193.3	18,200 *	33.1	204.8	19,500	36.9	213.3	18,200	40.3	219.5	16,900	43.4	223.7	15,700	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	16,700	35.6	206.5	15,400	39.0	212.1	14,300	210
220							11.6	137.6	14,400 *	20.0	164.1	15,800 *	25.8	180.0	15,300	30.3	190.9	14,100	34.2	198.5	13,000	220
230										7.8	122.5	14,000 *	17.9	154.5	14,000	23.9	171.1	12,900	28.6	181.8	11,800	230
240																15.2	142.4	11,800	21.8	160.2	10,800	240
250																11.5	125.9	9,700	11.5	125.9	9,700	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	155,300 b																50
55	52.5	164.9	119,500 *	61.3	170.1	136,800 b	66.2	172.0	133,400 b													55
60	47.1	160.5	105,900 *	56.5	167.0	122,000 b	61.6	169.4	119,000 b													60
65	41.1	155.2	94,900 *	51.4	163.2	110,000	56.8	166.3	107,300 b													65
70	34.2	148.5	85,900 *	45.8	158.6	100,000	51.7	162.6	97,600	60.4	166.6	93,500 b										70
75	25.8	139.4	78,200 *	39.7	153.0	91,500	46.1	158.0	89,300	55.5	163.4	85,600										75
80	12.6	124.1	71,700 *	32.5	145.9	84,100 *	40.0	152.5	82,300	50.3	159.4	78,900										80
85				23.5	136.0	76,700 *	33.0	145.5	76,200	44.6	154.7	73,000	53.9	159.4	69,900							85
90				6.3	115.8	70,400 *	24.1	135.9	70,800	38.3	148.8	67,900	48.6	155.3	65,000							90
95							8.4	117.5	65,900	30.9	141.2	63,300	42.8	150.2	60,700	52.0	154.5	58,000				95
100										21.2	130.5	59,300	36.2	143.9	56,800	46.5	150.0	54,300				100
105													28.2	135.6	53,300	40.5	144.6	51,000				105
110													17.1	123.0	50,100	33.5	137.7	48,000	44.0	143.6	45,800	110
115																24.8	128.3	45,200	37.6	137.6	43,200	115
120																10.4	111.5	42,600	30.1	129.9	40,900	120



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	154,900 b																50
55	57.9	177.2	120,200 *	65.2	181.4	136,400 b																55
60	53.5	173.7	106,500 *	61.2	178.8	121,700 b	65.4	180.7	118,600 b													60
65	48.9	169.5	95,400 *	56.9	175.7	109,700	61.4	178.1	106,900 b													65
70	43.8	164.6	86,200 *	52.5	172.0	99,700	57.2	175.0	97,200													70
75	38.3	158.7	78,600 *	47.8	167.7	91,300	52.8	171.4	89,000	60.3	175.3	85,200										75
80	31.9	151.3	72,000 *	42.7	162.6	84,100	48.1	167.1	82,000	56.1	172.1	78,400										80
85	24.0	141.5	66,400 *	36.9	156.4	77,100 *	43.0	162.0	75,900	51.6	168.3	72,600										85
90	11.7	125.1	61,400 *	30.3	148.6	70,700 *	37.3	155.9	70,500	46.8	163.8	67,500	54.7	168.2	64,500							90
95				21.9	138.0	65,200 *	30.7	148.2	65,800	41.5	158.5	63,000	50.1	164.2	60,200							95
100				5.8	116.2	60,400 *	22.4	137.8	61,600	35.7	152.0	59,000	45.2	159.5	56,400							100
105							7.8	118.1	57,700	28.8	143.8	55,400	39.8	153.9	52,900	48.4	159.1	50,500				105
110										19.7	132.2	52,100	33.7	146.9	49,800	43.3	154.1	47,500				110
115													26.3	138.0	47,000	37.7	148.0	44,800	46.3	152.8	42,700	115
120													15.9	124.4	44,400	31.2	140.5	42,400	41.0	147.4	40,400	120
130																9.7	112.3	37,900	28.0	132.3	36,300	130



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	136,000 b																55
60	58.1	185.9	106,900 *	64.6	190.1	121,300																60
65	54.3	182.5	95,700 *	61.0	187.4	109,300	64.8	189.4	106,500													65
70	50.2	178.5	86,500 *	57.3	184.4	99,400	61.2	186.7	96,800													70
75	45.9	173.8	78,800 *	53.4	180.8	91,000	57.5	183.7	88,600													75
80	41.2	168.4	72,200 *	49.3	176.7	83,800	53.6	180.2	81,600	60.3	183.9	78,000										80
85	36.0	162.0	66,500 *	44.9	171.9	77,300 *	49.5	176.1	75,500	56.5	180.8	72,200										85
90	30.0	154.0	61,500 *	40.1	166.3	70,900 *	45.1	171.3	70,200	52.6	177.1	67,100										90
95	22.6	143.5	57,200 *	34.7	159.5	65,400 *	40.3	165.7	65,600	48.4	172.8	62,700	55.3	176.9	59,800							95
100	11.0	126.0	53,300 *	28.5	151.1	60,600 *	35.0	159.1	61,400	43.9	167.9	58,700	51.3	173.1	56,000							100
105				20.6	139.7	56,300 *	28.9	150.8	57,700	39.0	162.1	55,100	47.0	168.6	52,500							105
110				5.5	116.6	52,500 *	21.1	139.7	54,300	33.5	155.0	51,900	42.5	163.4	49,500	49.8	168.0	47,100				110
115							7.3	118.7	51,100	27.0	146.2	48,900	37.4	157.3	46,700	45.4	163.3	44,500				115
120										18.5	133.8	46,200	31.7	149.8	44,100	40.7	157.8	42,000	48.0	161.9	40,000	120
130													15.0	125.6	39,600	29.4	143.1	37,800	38.5	150.9	35,900	130
140																9.1	113.0	34,000	26.4	134.7	32,400	140



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	135,600 b																55
60	61.7	197.6	106,900 *	67.3	201.1	120,900																60
65	58.3	194.6	95,700 *	64.2	198.8	108,900	67.5	200.4	106,100													65
70	54.9	191.2	86,500 *	60.9	196.1	99,000	64.4	198.1	96,400													70
75	51.3	187.3	78,700 *	57.6	193.0	90,600	61.1	195.4	88,200													75
80	47.4	182.9	72,100 *	54.1	189.6	83,400	57.8	192.4	81,200													80
85	43.4	177.9	66,400 *	50.4	185.6	77,200 *	54.3	188.9	75,100	60.2	192.6	71,700										85
90	38.9	172.0	61,400 *	46.5	181.0	70,800 *	50.6	185.0	69,800	56.9	189.5	66,600										90
95	34.0	165.0	57,000 *	42.4	175.8	65,200 *	46.8	180.4	65,200	53.3	185.9	62,200										95
100	28.4	156.5	53,100 *	37.9	169.7	60,400 *	42.6	175.3	61,000	49.6	181.8	58,200	55.8	185.6	55,400							100
105	21.4	145.4	49,700 *	32.8	162.5	56,100 *	38.2	169.2	57,300	45.7	177.1	54,700	52.2	181.9	52,000							105
110	10.4	126.9	46,500 *	27.0	153.5	52,400 *	33.1	162.1	54,000	41.5	171.7	51,500	48.5	177.6	49,000							110
115				19.5	141.4	49,000 *	27.3	153.2	50,900	36.9	165.4	48,600	44.5	172.8	46,200	50.9	176.9	43,900				115
120				5.1	117.0	45,800 *	20.0	141.4	48,100	31.7	157.9	45,900	40.1	167.1	43,700	47.1	172.4	41,500				120
130										17.5	135.3	41,200	30.0	152.5	39,300	38.5	161.3	37,300	45.3	166.1	35,400	130
140													14.2	126.9	35,400	27.8	145.6	33,700	36.4	154.2	31,900	140
150																8.6	113.7	30,500	24.9	136.9	29,000	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	120,500																60
65	61.5	206.2	98,400 *	66.7	209.8	108,500																65
70	58.5	203.2	88,900 *	63.8	207.5	98,500	66.9	209.1	95,900													70
75	55.4	199.9	80,800 *	60.8	204.8	90,200	64.0	206.7	87,700													75
80	52.1	196.1	74,000 *	57.8	201.7	83,000	61.0	204.1	80,700													80
85	48.7	191.9	68,100 *	54.6	198.3	76,800	58.0	201.0	74,700													85
90	45.1	187.1	63,000 *	51.3	194.4	71,400	54.8	197.6	69,400	60.2	201.3	66,200										90
95	41.2	181.6	58,500 *	47.9	190.1	66,600	51.5	193.8	64,800	57.2	198.1	61,700										95
100	37.0	175.4	54,500 *	44.2	185.1	61,900 *	48.1	189.5	60,600	54.0	194.6	57,800										100
105	32.4	167.9	50,900 *	40.3	179.5	57,600 *	44.4	184.6	56,900	50.6	190.7	54,200	56.2	194.3	51,500							105
110	27.0	158.9	47,700 *	36.0	173.0	53,700 *	40.5	179.0	53,600	47.2	186.2	51,000	53.0	190.7	48,500							110
115	20.3	147.1	44,800 *	31.2	165.3	50,200 *	36.3	172.5	50,600	43.4	181.1	48,200	49.6	186.6	45,800							115
120	9.9	127.7	40,100 *	25.7	155.8	47,100 *	31.5	164.9	47,800	39.5	175.3	45,500	46.0	181.9	43,300	51.8	185.7	41,000				120
130				4.8	117.3	39,500 *	19.0	143.0	43,000	30.2	160.6	40,900	38.2	170.6	38,900	44.7	176.6	36,800				130
140										16.7	136.7	36,900	28.5	155.0	35,100	36.6	164.7	33,300	43.1	170.1	31,500	140
150													13.5	128.0	31,800	26.4	147.9	30,200	34.7	157.4	28,500	150
160																8.1	114.4	27,400	23.7	139.0	26,000	160



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	108,100																65
70	61.4	214.9	88,500 *	66.1	218.6	98,100																70
75	58.6	211.9	80,500 *	63.5	216.1	89,800	66.3	217.8	87,300													75
80	55.8	208.6	73,600 *	60.8	213.4	82,600	63.6	215.4	80,300													80
85	52.8	204.9	67,700 *	58.0	210.4	76,400	60.9	212.7	74,200													85
90	49.7	200.8	62,600 *	55.1	207.0	71,000	58.1	209.7	69,000	62.9	212.7	65,700										90
95	46.5	196.2	58,100 *	52.1	203.2	66,200	55.3	206.4	64,300	60.2	209.9	61,200										95
100	43.0	191.1	54,100 *	49.0	199.0	61,600 *	52.3	202.6	60,200	57.4	206.8	57,300										100
105	39.4	185.3	50,500 *	45.7	194.3	57,200 *	49.2	198.4	56,500	54.5	203.4	53,700										105
110	35.4	178.6	47,300 *	42.2	189.0	53,300 *	45.9	193.8	53,200	51.5	199.5	50,600	56.5	203.0	48,000							110
115	30.9	170.7	44,400 *	38.5	183.0	49,800 *	42.4	188.5	50,200	48.3	195.2	47,700	53.6	199.4	45,200							115
120	25.8	161.2	41,800 *	34.4	176.1	46,700 *	38.7	182.5	47,500	45.0	190.4	45,100	50.5	195.4	42,700							120
130	9.4	128.5	35,400 *	24.5	158.0	41,300 *	30.1	167.6	42,600	37.7	178.8	40,500	44.0	186.0	38,400	49.4	190.4	36,300				130
140				4.6	117.7	34,900 *	18.2	144.6	38,500	28.8	163.2	36,600	36.5	173.9	34,700	42.7	180.5	32,800	48.0	184.2	30,900	140
150										15.9	138.1	33,200	27.2	157.4	31,500	35.0	167.8	29,700	41.1	173.9	28,000	150
160													12.9	129.1	28,600	25.3	150.1	27,000	33.1	160.4	25,500	160
170																7.7	115.0	24,600	22.7	141.0	23,200	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	107,800																65
70	63.8	226.2	89,200 *	68.1	229.5	97,900																70
75	61.3	223.5	81,000 *	65.7	227.3	89,500																75
80	58.7	220.6	74,000 *	63.2	224.8	82,300	65.8	226.5	80,000													80
85	56.1	217.3	68,000 *	60.7	222.1	76,100	63.4	224.1	74,000													85
90	53.4	213.7	62,800 *	58.1	219.1	70,700	60.9	221.4	68,700													90
95	50.6	209.7	58,300 *	55.5	215.7	66,000	58.3	218.4	64,100	62.7	221.4	60,900										95
100	47.6	205.3	54,200 *	52.8	212.0	61,800	55.6	215.1	60,000	60.2	218.6	57,000										100
105	44.5	200.4	50,600 *	49.9	207.9	57,300 *	52.9	211.4	56,300	57.6	215.5	53,500										105
110	41.2	194.9	47,400 *	46.9	203.4	53,400 *	50.1	207.3	53,000	54.9	212.1	50,300										110
115	37.7	188.7	44,500 *	43.8	198.4	49,900 *	47.1	202.8	50,000	52.2	208.3	47,500	56.8	211.7	45,000							115
120	33.9	181.6	41,800 *	40.5	192.7	46,700 *	44.0	197.8	47,300	49.3	204.1	44,900	54.1	208.2	42,500							120
130	24.8	163.4	37,200 *	33.0	179.1	41,300 *	37.1	185.9	42,500	43.1	194.4	40,300	48.4	200.0	38,100							130
140	9.0	129.2	31,600 *	23.5	160.0	36,800 *	28.9	170.2	38,400	36.1	182.0	36,400	42.1	189.9	34,500	47.3	194.8	32,500				140
150				4.4	118.0	31,200 *	17.4	146.1	34,900	27.7	165.6	33,100	35.0	177.1	31,300	40.9	184.3	29,500	46.0	188.5	27,800	150
160										15.3	139.4	30,100	26.1	159.7	28,500	33.5	170.8	26,900	39.4	177.5	25,300	160
170													12.3	130.1	26,000	24.2	152.3	24,500	31.8	163.2	23,100	170
180																7.4	115.6	22,400	21.8	142.9	21,100	180



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	97,400																70
75	63.5	234.9	80,500 *	67.5	238.2	89,100																75
80	61.2	232.2	73,600 *	65.3	236.0	81,900	67.7	237.5	79,600													80
85	58.8	229.2	67,600 *	63.0	233.5	75,700	65.4	235.2	73,500													85
90	56.4	226.0	62,400 *	60.7	230.7	70,300	63.1	232.8	68,300													90
95	53.9	222.5	57,800 *	58.3	227.7	65,600	60.8	230.0	63,600													95
100	51.3	218.6	53,800 *	55.8	224.4	61,300 *	58.4	227.1	59,500	62.5	230.0	56,500										100
105	48.6	214.3	50,200 *	53.3	220.8	56,900 *	56.0	223.8	55,900	60.2	227.2	53,000										105
110	45.8	209.5	46,900 *	50.7	216.8	53,000 *	53.4	220.2	52,600	57.8	224.2	49,800										110
115	42.8	204.3	44,000 *	48.0	212.4	49,400 *	50.8	216.2	49,600	55.3	220.8	47,000										115
120	39.7	198.5	41,400 *	45.1	207.6	46,300 *	48.1	211.8	46,800	52.8	217.1	44,400	57.0	220.4	42,000							120
130	32.6	184.5	36,800 *	38.9	196.3	40,800 *	42.3	201.7	42,100	47.4	208.6	39,900	52.0	213.1	37,600							130
140	23.8	165.5	32,900 *	31.8	181.9	36,300 *	35.7	189.1	38,100	41.5	198.2	36,000	46.5	204.3	34,000	51.0	208.1	32,000				140
150	8.7	129.9	28,000 *	22.6	162.0	32,500 *	27.8	172.6	34,500 *	34.8	185.2	32,700	40.5	193.6	30,800	45.5	199.0	29,000				150
160				4.2	118.3	27,700 *	16.8	147.6	30,900 *	26.6	168.0	29,800	33.6	180.1	28,100	39.4	187.9	26,400	44.2	192.6	24,700	160
170										14.7	140.7	27,200	25.2	162.0	25,700	32.3	173.7	24,100	37.9	180.9	22,600	170
180													11.9	131.1	23,400	23.3	154.3	22,000	30.6	165.9	20,600	180
190																7.1	116.2	20,100	20.9	144.7	18,900	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	88,600																75
80	63.3	243.5	74,300 *	67.0	246.9	81,500																80
85	61.1	240.9	68,200 *	64.9	244.7	75,300	67.2	246.2	73,100													85
90	58.9	237.9	62,900 *	62.8	242.2	69,900	65.1	243.9	67,800													90
95	56.6	234.7	58,300 *	60.6	239.4	65,200	62.9	241.4	63,200													95
100	54.3	231.2	54,200 *	58.4	236.4	60,900	60.7	238.7	59,100													100
105	51.9	227.4	50,600 *	56.1	233.1	57,200	58.5	235.7	55,400	62.4	238.7	52,500										105
110	49.4	223.2	47,300 *	53.8	229.5	53,400 *	56.2	232.5	52,100	60.2	235.9	49,400										110
115	46.8	218.6	44,300 *	51.3	225.7	49,800 *	53.9	228.9	49,100	57.9	232.8	46,500										115
120	44.1	213.6	41,700 *	48.8	221.4	46,600 *	51.5	225.0	46,400	55.6	229.5	43,900										120
130	38.2	202.0	37,000 *	43.5	211.6	41,100 *	46.4	216.2	41,700	50.8	221.9	39,400	54.9	225.6	37,200							130
140	31.5	187.4	33,100 *	37.5	199.7	36,500 *	40.8	205.5	37,600	45.7	212.8	35,600	50.1	217.8	33,500							140
150	23.0	167.5	29,700 *	30.6	184.7	32,700 *	34.4	192.2	34,200	40.0	201.8	32,300	44.8	208.5	30,400	49.2	212.7	28,500				150
160	8.3	130.6	24,000 *	21.8	163.9	29,400 *	26.8	175.0	31,100 *	33.5	188.2	29,400	39.1	197.2	27,600	43.8	203.1	25,900				160
170				4.1	118.7	23,800 *	16.2	149.0	27,900 *	25.7	170.3	26,900	32.4	183.0	25,200	37.9	191.3	23,600	42.6	196.5	22,100	170
180										14.2	141.9	24,600	24.3	164.1	23,100	31.1	176.5	21,600	36.6	184.2	20,200	180
190													11.4	132.1	21,100	22.5	156.3	19,800	29.5	168.6	18,400	190
200																6.9	116.8	18,100	20.2	146.5	16,900	200



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	81,100																80
85	63.1	252.2	67,700 *	66.6	255.7	74,900																85
90	61.0	249.5	62,400 *	64.6	253.3	69,500	66.7	254.9	67,400													90
95	59.0	246.6	57,800 *	62.6	250.8	64,700	64.7	252.6	62,700													95
100	56.8	243.4	53,700 *	60.6	248.1	60,500	62.7	250.1	58,600													100
105	54.7	239.9	50,000 *	58.5	245.1	56,800	60.7	247.4	55,000													105
110	52.4	236.2	46,800 *	56.4	241.8	52,900 *	58.6	244.4	51,700	62.2	247.4	48,900										110
115	50.1	232.1	43,800 *	54.2	238.3	49,300 *	56.5	241.1	48,700	60.2	244.6	46,000										115
120	47.7	227.7	41,100 *	51.9	234.5	46,100 *	54.3	237.6	46,000	58.1	241.5	43,400										120
130	42.6	217.6	36,500 *	47.2	225.8	40,600 *	49.7	229.7	41,200	53.7	234.6	38,900	57.4	237.7	36,600							130
140	37.0	205.4	32,500 *	42.0	215.5	36,000 *	44.8	220.3	37,200	49.1	226.5	35,100	53.0	230.7	33,000							140
150	30.4	190.1	29,200 *	36.3	203.0	32,200 *	39.4	209.1	33,800	44.1	216.9	31,800	48.4	222.3	29,900	52.2	225.7	28,000				150
160	22.2	169.5	26,300 *	29.6	187.3	28,800 *	33.3	195.2	30,500 *	38.7	205.4	29,000	43.3	212.5	27,200	47.5	217.2	25,400				160
170	8.1	131.3	21,200 *	21.1	165.8	26,000 *	26.0	177.3	27,500 *	32.4	191.1	26,500	37.8	200.6	24,800	42.4	207.0	23,100	46.4	210.9	21,500	170
180				3.9	119.0	21,100 *	15.6	150.3	24,700 *	24.8	172.4	24,200	31.4	185.8	22,700	36.7	194.7	21,100	41.2	200.3	19,600	180
190										13.7	143.1	22,200	23.5	166.2	20,800	30.1	179.2	19,300	35.4	187.4	17,900	190
200													11.1	133.1	19,000	21.8	158.2	17,700	28.5	171.1	16,400	200
210																6.6	117.3	16,200	19.5	148.2	15,000	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	74,600																85
90	62.9	260.9	62,700 *	66.2	264.4	69,200																90
95	61.0	258.2	58,000 *	64.4	262.0	64,400	66.3	263.6	62,400													95
100	59.0	255.2	53,800 *	62.5	259.5	60,200	64.5	261.3	58,300													100
105	57.0	252.1	50,100 *	60.5	256.7	56,500	62.6	258.8	54,700													105
110	55.0	248.6	46,800 *	58.6	253.7	53,000 *	60.7	256.0	51,400													110
115	52.9	244.9	43,800 *	56.6	250.5	49,400 *	58.7	253.1	48,400	62.1	256.0	45,700										115
120	50.7	240.9	41,100 *	54.5	247.0	46,100 *	56.7	249.8	45,700	60.1	253.2	43,100										120
130	46.2	231.9	36,400 *	50.2	239.2	40,600 *	52.5	242.6	41,000	56.2	246.9	38,600										130
140	41.3	221.3	32,400 *	45.7	230.0	35,900 *	48.1	234.2	37,000	52.0	239.5	34,800	55.5	243.1	32,700							140
150	35.8	208.6	29,000 *	40.7	219.2	32,000 *	43.4	224.3	33,500	47.5	230.9	31,600	51.3	235.5	29,600							150
160	29.5	192.7	26,100 *	35.2	206.2	28,700 *	38.2	212.5	30,400 *	42.7	220.8	28,700	46.8	226.7	26,900	50.5	230.5	25,100				160
170	21.5	171.4	23,500 *	28.7	189.9	25,800 *	32.3	198.1	27,300 *	37.4	208.8	26,200	42.0	216.3	24,500	46.0	221.4	22,900				170
180	7.8	132.0	18,900 *	20.5	167.6	23,200 *	25.2	179.6	24,600 *	31.4	193.9	24,000	36.6	203.9	22,400	41.0	210.7	20,900	45.0	215.1	19,400	180
190				3.8	119.2	18,800 *	15.1	151.6	22,000 *	24.1	174.6	22,000	30.4	188.6	20,600	35.5	197.9	19,100	39.9	204.0	17,700	190
200										13.3	144.2	20,200	22.7	168.2	18,900	29.2	181.8	17,500	34.3	190.5	16,200	200
210													10.7	134.0	17,300	21.1	160.1	16,000	27.6	173.6	14,800	210
220																6.4	117.8	14,600	18.9	149.8	13,500	220



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	64,000	67.7	274.5	62,000													95
100	60.9	266.8	53,300 *	64.1	270.7	59,800	66.0	272.4	57,900													100
105	59.1	263.9	49,600 *	62.3	268.2	56,100	64.2	270.0	54,200													105
110	57.2	260.7	46,300 *	60.5	265.4	52,500 *	62.4	267.4	50,900													110
115	55.3	257.3	43,300 *	58.7	262.4	48,800 *	60.6	264.7	48,000													115
120	53.3	253.7	40,600 *	56.8	259.2	45,600 *	58.8	261.7	45,300	62.0	264.7	42,700										120
130	49.2	245.6	35,800 *	52.9	252.0	40,000 *	54.9	255.1	40,500	58.3	258.9	38,200										130
140	44.8	236.1	31,900 *	48.7	243.8	35,400 *	50.9	247.4	36,500	54.4	252.1	34,400	57.7	255.1	32,200							140
150	40.1	225.0	28,500 *	44.3	234.1	31,500 *	46.7	238.5	33,100	50.4	244.3	31,100	53.8	248.2	29,100							150
160	34.8	211.7	25,500 *	39.5	222.8	28,100 *	42.1	228.2	29,900 *	46.1	235.2	28,300	49.8	240.2	26,400							160
170	28.6	195.3	23,000 *	34.1	209.3	25,300 *	37.1	215.9	26,700 *	41.5	224.6	25,800	45.4	230.9	24,000	49.0	235.1	22,400				170
180	20.9	173.2	20,700 *	27.9	192.4	22,700 *	31.3	200.9	24,000 *	36.3	212.1	23,600	40.7	220.1	22,000	44.6	225.6	20,400				180
190	7.6	132.6	16,500 *	19.9	169.3	20,500 *	24.4	181.7	21,700 *	30.5	196.7	21,600	35.5	207.1	20,100	39.8	214.4	18,600	43.6	219.1	17,200	190
200				3.7	119.5	16,500 *	14.7	152.9	19,400 *	23.4	176.6	19,800	29.5	191.2	18,400	34.5	201.0	17,000	38.7	207.5	15,700	200
210										12.9	145.3	18,200	22.1	170.1	16,900	28.3	184.3	15,600	33.3	193.5	14,300	210
220													10.4	134.9	15,500	20.5	161.9	14,300	26.8	175.9	13,000	220
230																6.2	118.3	13,000	18.4	151.4	11,900	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	57,500													100
105	60.9	275.5	49,100 *	63.9	279.4	55,700	65.7	281.1	53,800													105
110	59.1	272.6	45,800 *	62.2	276.8	52,000 *	64.0	278.7	50,500													110
115	57.3	269.4	42,800 *	60.5	274.0	48,400 *	62.3	276.1	47,600													115
120	55.5	266.1	40,100 *	58.7	271.1	45,100 *	60.6	273.3	44,900													120
130	51.8	258.6	35,300 *	55.1	264.5	39,500 *	57.0	267.2	40,100	60.1	270.5	37,700										130
140	47.8	250.0	31,400 *	51.3	256.9	34,900 *	53.4	260.2	36,100	56.6	264.3	33,900										140
150	43.5	240.1	28,000 *	47.3	248.2	31,000 *	49.5	252.1	32,700	52.9	257.1	30,700	56.0	260.5	28,700							150
160	38.9	228.6	25,000 *	43.1	238.1	27,600 *	45.4	242.7	29,400 *	49.0	248.9	27,800	52.3	253.1	26,000							160
170	33.8	214.8	22,500 *	38.4	226.3	24,800 *	40.9	231.9	26,200 *	44.8	239.4	25,400	48.3	244.7	23,600	51.6	248.2	21,900				170
180	27.8	197.8	20,200 *	33.2	212.3	22,200 *	36.0	219.2	23,500 *	40.3	228.3	23,200	44.1	235.0	21,500	47.6	239.5	19,900				180
190	20.3	175.0	18,200 *	27.1	194.8	20,000 *	30.5	203.7	21,200 *	35.3	215.3	21,200	39.6	223.7	19,700	43.3	229.6	18,200	46.7	233.3	16,700	190
200	7.4	133.2	14,400 *	19.3	171.0	18,000 *	23.7	183.8	19,100 *	29.7	199.3	19,500	34.5	210.2	18,000	38.7	217.9	16,600	42.4	223.0	15,200	200
210				3.5	119.8	14,400 *	14.3	154.1	17,100 *	22.7	178.6	17,900	28.7	193.7	16,500	33.5	204.0	15,200	37.7	210.9	13,900	210
220										12.5	146.4	16,400	21.5	172.0	15,100	27.5	186.8	13,900	32.3	196.4	12,600	220
230													10.1	135.7	13,800	19.9	163.6	12,700	26.1	178.3	11,500	230
240																6.0	118.8	11,500	17.9	153.0	10,400	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	53,400													105
110	60.8	284.2	44,300 *	63.7	288.1	49,000 *	65.4	289.8	50,100													110
115	59.2	281.2	42,100 *	62.1	285.5	46,600 *	63.8	287.4	47,100													115
120	57.5	278.1	39,500 *	60.5	282.7	44,300 *	62.2	284.8	44,400													120
130	54.0	271.2	34,800 *	57.1	276.6	39,000 *	58.9	279.0	39,700	61.8	282.0	37,200										130
140	50.4	263.3	30,800 *	53.6	269.5	34,300 *	55.5	272.5	35,700	58.5	276.2	33,500										140
150	46.5	254.3	27,400 *	49.9	261.6	30,400 *	51.9	265.1	32,300	55.0	269.5	30,200	57.9	272.4	28,100							150
160	42.4	244.0	24,500 *	46.1	252.4	27,100 *	48.1	256.6	28,800 *	51.4	262.0	27,400	54.5	265.6	25,500							160
170	37.9	232.0	21,900 *	41.9	241.9	24,200 *	44.1	246.8	25,700 *	47.6	253.3	24,900	50.8	257.9	23,100							170
180	32.9	217.7	19,700 *	37.4	229.7	21,700 *	39.8	235.6	23,000 *	43.6	243.4	22,700	47.0	249.1	21,100	50.2	252.9	19,400				180
190	27.1	200.2	17,700 *	32.3	215.2	19,500 *	35.1	222.3	20,600 *	39.2	231.9	20,800	42.9	239.0	19,200	46.3	243.8	17,700				190
200	19.8	176.7	15,900 *	26.4	197.1	17,500 *	29.7	206.3	18,500 *	34.4	218.4	19,100	38.5	227.2	17,600	42.2	233.4	16,100	45.5	237.5	14,700	200
210	7.2	133.8	12,400 *	18.8	172.7	15,700 *	23.1	185.8	16,700 *	28.9	201.9	17,500	33.6	213.3	16,100	37.7	221.3	14,700	41.2	226.8	13,400	210
220				3.4	120.1	12,400 *	13.9	155.4	14,900 *	22.1	180.6	16,000	28.0	196.2	14,700	32.7	206.9	13,400	36.7	214.3	12,100	220
230										12.2	147.5	14,600 *	20.9	173.8	13,400	26.8	189.2	12,200	31.5	199.3	11,000	230
240													9.8	136.6	12,200	19.4	165.3	11,100	25.4	180.5	10,000	240
250																5.9	119.3	10,000	17.4	154.5	9,000	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	154,500 b																50
55	52.9	175.2	120,500 *	62.5	180.7	136,100 b	67.8	182.6	132,400 b													55
60	47.5	170.9	106,700 *	57.7	177.7	121,400 b	63.2	180.2	118,100 b													60
65	41.5	165.6	95,600 *	52.6	174.1	109,400	58.5	177.3	106,500 b													65
70	34.8	159.0	86,400 *	47.2	169.7	99,500	53.5	173.8	96,800	62.8	177.7	92,300 b										70
75	26.4	150.2	78,700 *	41.2	164.4	91,100	48.1	169.6	88,600	58.0	174.8	84,500 b										75
80	13.9	135.7	72,100 *	34.4	157.7	83,900	42.2	164.4	81,600	53.0	171.2	77,800										80
85				26.0	148.7	77,600	35.6	158.0	75,600	47.6	166.9	72,000	57.3	171.3	68,500 b							85
90				13.0	133.7	71,800 *	27.5	149.5	70,200	41.7	161.6	67,000	52.3	167.6	63,700							90
95							15.8	136.2	65,400	34.9	155.1	62,500	46.8	163.2	59,500							95
100										26.6	146.3	58,500	40.8	157.8	55,700	51.2	162.9	52,900				100
105										14.3	132.1	54,800	33.8	150.9	52,300	45.7	158.3	49,700				105
110													25.3	141.7	49,200	39.5	152.7	46,700				110
115													11.5	125.7	46,300	32.3	145.5	44,100	44.0	152.3	41,800	115
120																23.2	135.6	41,600	37.6	146.3	39,500	120
130																			20.0	127.3	35,400	130



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	154,200 b																50
55	58.2	187.5	121,200 *	66.2	191.9	135,700 b																55
60	53.8	184.0	107,300 *	62.2	189.4	121,000 b	66.8	191.3	117,600 b													60
65	49.2	179.9	96,100 *	58.0	186.4	109,100	62.8	188.9	106,000 b													65
70	44.2	175.0	86,800 *	53.6	182.9	99,200	58.7	186.0	96,400													70
75	38.7	169.1	79,000 *	49.0	178.8	90,800	54.3	182.6	88,200	62.4	186.4	84,000 b										75
80	32.4	161.9	72,400 *	43.9	173.8	83,600	49.7	178.5	81,300	58.3	183.5	77,300										80
85	24.6	152.3	66,700 *	38.4	167.9	77,400	44.8	173.8	75,200	53.9	180.0	71,600										85
90	13.0	136.8	61,700 *	32.0	160.6	72,000	39.3	168.0	70,000	49.3	175.9	66,600	57.7	179.9	63,200							90
95				24.2	150.9	66,500 *	33.1	161.0	65,300	44.3	171.0	62,100	53.3	176.4	59,000							95
100				12.1	134.7	61,500 *	25.6	151.7	61,100	38.8	165.2	58,200	48.6	172.2	55,200							100
105							14.7	137.4	57,300	32.5	158.0	54,600	43.6	167.2	51,900	52.4	171.8	49,100				105
110										24.8	148.5	51,400	38.0	161.2	48,800	47.6	167.4	46,200				110
115										13.3	133.2	48,400	31.5	153.8	46,100	42.5	162.3	43,600				115
120													23.5	143.8	43,500	36.8	156.0	41,200	46.3	161.5	39,000	120
130																21.6	137.4	37,000	35.1	149.5	35,000	130
140																			18.6	128.9	31,600	140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	135,300 b																55
60	58.4	196.1	107,700 *	65.5	200.6	120,700 b																60
65	54.6	192.7	96,400 *	61.9	198.1	108,700	66.1	200.1	105,600 b													65
70	50.5	188.8	87,100 *	58.2	195.1	98,800	62.5	197.6	96,000													70
75	46.2	184.2	79,300 *	54.4	191.6	90,500	58.8	194.7	87,900													75
80	41.5	178.8	72,600 *	50.3	187.7	83,300	55.0	191.3	80,900	62.2	195.1	76,900										80
85	36.4	172.4	66,900 *	46.0	183.1	77,200	51.0	187.4	74,900	58.5	192.1	71,200										85
90	30.4	164.6	61,900 *	41.3	177.6	71,700	46.7	182.9	69,600	54.6	188.7	66,200										90
95	23.2	154.4	57,500 *	36.1	171.2	66,600 *	42.1	177.6	65,000	50.6	184.8	61,700	57.9	188.6	58,500							95
100	12.2	137.8	53,500 *	30.1	163.3	61,700 *	37.0	171.4	60,900	46.3	180.2	57,800	54.1	185.1	54,800							100
105				22.8	152.9	57,300 *	31.1	163.8	57,200	41.6	174.9	54,300	50.0	181.1	51,400							105
110				11.3	135.7	53,400 *	24.1	153.9	53,800	36.5	168.5	51,100	45.6	176.5	48,400							110
115							13.8	138.6	50,700	30.6	160.7	48,200	40.9	171.0	45,700	49.1	176.4	43,200				115
120										23.3	150.5	45,600	35.7	164.5	43,200	44.7	171.6	40,800				120
130													22.1	145.7	38,800	34.6	159.2	36,700	43.5	165.5	34,600	130
140																20.3	139.2	33,100	33.0	152.4	31,200	140
150																17.5	130.4	28,300	17.5	130.4	28,300	150



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	120,300 b																60
65	58.6	204.8	96,400 *	65.0	209.3	108,300																65
70	55.1	201.4	87,000 *	61.7	206.7	98,400	65.5	208.8	95,500													70
75	51.5	197.6	79,200 *	58.4	203.8	90,100	62.3	206.2	87,400													75
80	47.7	193.2	72,500 *	54.9	200.4	83,000	58.9	203.3	80,500													80
85	43.6	188.2	66,700 *	51.3	196.5	76,800	55.5	200.0	74,500	62.0	203.7	70,600										85
90	39.3	182.4	61,700 *	47.5	192.1	71,400	51.9	196.2	69,200	58.6	200.8	65,700										90
95	34.4	175.6	57,300 *	43.4	187.1	66,500 *	48.1	191.9	64,600	55.2	197.4	61,300										95
100	28.8	167.2	53,400 *	39.0	181.2	61,500 *	44.1	187.0	60,500	51.6	193.6	57,300										100
105	21.9	156.3	49,900 *	34.1	174.3	57,100 *	39.8	181.3	56,800	47.8	189.3	53,800	54.7	193.9	50,900							105
110	11.5	138.8	46,700 *	28.5	165.8	53,200 *	35.0	174.6	53,500	43.7	184.3	50,700	51.1	190.0	47,900							110
115				21.5	154.8	49,800 *	29.5	166.4	50,500	39.3	178.5	47,800	47.2	185.6	45,200							115
120				10.7	136.6	46,600 *	22.8	155.9	47,700	34.5	171.6	45,200	43.1	180.5	42,700	50.3	185.3	40,300				120
130										22.1	152.5	40,600	33.8	167.5	38,400	42.3	175.5	36,200				130
140										20.9	147.6	34,700	32.7	162.1	32,700	41.1	169.3	30,700	41.1	169.3	30,700	140
150																19.2	140.9	29,600	31.2	155.2	27,900	150
160																16.6	131.8	25,300	16.6	131.8	25,300	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	119,800																60
65	61.7	216.4	99,200 *	67.4	220.3	107,900																65
70	58.7	213.5	89,500 *	64.5	218.0	98,000	67.8	219.7	95,000													70
75	55.6	210.1	81,300 *	61.6	215.4	89,700	65.0	217.4	86,900													75
80	52.3	206.4	74,400 *	58.5	212.4	82,500	62.1	214.9	80,000													80
85	48.9	202.2	68,500 *	55.4	209.1	76,400	59.0	212.0	74,000													85
90	45.3	197.5	63,300 *	52.2	205.3	71,000	55.9	208.7	68,800	61.8	212.4	65,200										90
95	41.5	192.0	58,800 *	48.8	201.1	66,200	52.7	205.0	64,200	58.8	209.5	60,800										95
100	37.3	185.8	54,700 *	45.1	196.3	62,000	49.3	200.9	60,100	55.6	206.2	56,900										100
105	32.7	178.5	51,200 *	41.3	190.9	58,200	45.7	196.2	56,400	52.4	202.4	53,400										105
110	27.4	169.6	47,900 *	37.1	184.6	54,600 *	41.9	190.9	53,100	49.0	198.2	50,200	55.2	202.6	47,400							110
115	20.9	158.1	45,000 *	32.5	177.2	51,000 *	37.8	184.7	50,100	45.4	193.5	47,400	51.9	198.8	44,700							115
120	10.9	139.7	39,900 *	27.1	168.2	47,800 *	33.3	177.6	47,400	41.6	188.1	44,800	48.5	194.6	42,300							120
130				10.2	137.4	41,300 *	21.7	157.8	42,600	32.8	174.6	40,300	41.0	184.2	38,000	47.8	189.8	35,700				130
140										21.0	154.3	36,400	32.1	170.4	34,300	40.2	179.2	32,200	46.8	183.9	30,200	140
150													19.9	149.3	31,100	31.1	164.9	29,200	39.1	172.9	27,400	150
160																18.3	142.5	26,600	29.7	157.9	24,900	160
170																			15.8	133.2	22,700	170



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	107,500																65
70	61.6	225.1	89,100 *	66.8	229.0	97,600																70
75	58.8	222.1	81,000 *	64.1	226.7	89,200	67.2	228.4	86,500													75
80	56.0	218.8	74,100 *	61.4	224.0	82,100	64.6	226.1	79,500													80
85	53.0	215.2	68,100 *	58.7	221.1	76,000	61.9	223.5	73,600													85
90	49.9	211.1	62,900 *	55.8	217.8	70,600	59.1	220.6	68,300													90
95	46.7	206.6	58,400 *	52.9	214.1	65,800	56.3	217.4	63,700	61.6	221.1	60,200										95
100	43.3	201.5	54,300 *	49.8	210.0	61,600	53.3	213.8	59,600	58.9	218.1	56,400										100
105	39.6	195.7	50,700 *	46.5	205.5	57,900	50.3	209.8	56,000	56.0	214.9	52,900										105
110	35.7	189.0	47,500 *	43.1	200.3	54,200 *	47.1	205.3	52,700	53.1	211.2	49,800										110
115	31.3	181.3	44,600 *	39.4	194.5	50,600 *	43.7	200.2	49,700	50.0	207.1	46,900	55.6	211.3	44,200							115
120	26.2	171.9	42,000 *	35.5	187.8	47,400 *	40.0	194.5	47,000	46.8	202.6	44,400	52.6	207.6	41,700							120
130	10.4	140.6	35,100 *	25.9	170.5	41,900 *	31.8	180.4	42,200	39.7	191.7	39,800	46.3	198.9	37,500	52.0	203.0	35,100				130
140				9.7	138.2	36,400 *	20.7	159.6	38,200	31.3	177.4	36,000	39.2	187.8	33,800	45.6	194.0	31,700				140
150										20.1	156.0	32,700	30.7	173.2	30,700	38.4	182.7	28,700	44.7	188.0	26,800	150
160													19.0	151.0	27,900	29.7	167.5	26,200	37.3	176.3	24,400	160
170																17.5	144.0	23,800	28.4	160.4	22,200	170
180																15.0	134.5	20,300	15.0	134.5	20,300	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	107,200																65
70	64.0	236.4	89,800 *	68.7	239.9	97,300																70
75	61.5	233.7	81,500 *	66.3	237.7	89,000																75
80	58.9	230.8	74,400 *	63.8	235.4	81,900	66.7	237.2	79,300													80
85	56.3	227.5	68,400 *	61.3	232.7	75,700	64.2	234.8	73,300													85
90	53.6	224.0	63,100 *	58.8	229.8	70,300	61.7	232.2	68,100													90
95	50.8	220.0	58,500 *	56.1	226.5	65,600	59.2	229.3	63,500													95
100	47.8	215.6	54,500 *	53.4	222.9	61,400	56.6	226.1	59,400	61.5	229.7	56,100										100
105	44.7	210.7	50,800 *	50.6	218.9	57,600	53.9	222.6	55,700	58.9	226.8	52,600										105
110	41.5	205.3	47,600 *	47.7	214.5	54,300	51.1	218.6	52,500	56.3	223.6	49,500										110
115	38.0	199.1	44,700 *	44.6	209.6	50,700 *	48.2	214.3	49,500	53.6	220.0	46,700										115
120	34.2	192.1	42,000 *	41.3	204.1	47,500 *	45.1	209.5	46,800	50.8	216.0	44,100	56.0	220.0	41,500							120
130	25.1	174.2	37,400 *	34.0	190.9	41,900 *	38.4	198.0	42,100	44.8	206.8	39,600	50.4	212.4	37,200							130
140	10.0	141.4	31,300 *	24.9	172.7	37,300 *	30.5	183.1	38,000	38.1	195.2	35,800	44.4	203.0	33,600	49.8	207.7	31,500				140
150				9.3	139.0	32,600 *	19.9	161.3	34,600	30.1	180.1	32,500	37.5	191.2	30,500	43.7	198.1	28,500				150
160										19.2	157.7	29,600	29.4	175.8	27,800	36.8	186.0	26,000	42.8	192.0	24,200	160
170													18.3	152.5	25,400	28.5	170.1	23,700	35.8	179.5	22,000	170
180																16.8	145.4	21,700	27.2	162.8	20,100	180
190																			14.4	135.7	18,400	190



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	96,900																70
75	63.7	245.0	81,100 *	68.1	248.6	88,600																75
80	61.4	242.4	74,000 *	65.8	246.5	81,400																80
85	59.0	239.5	68,000 *	63.6	244.0	75,300	66.2	245.9	72,800													85
90	56.5	236.2	62,700 *	61.2	241.4	69,900	63.9	243.5	67,600													90
95	54.0	232.7	58,100 *	58.9	238.4	65,200	61.6	240.9	63,000													95
100	51.5	228.8	54,000 *	56.4	235.2	61,000	59.2	238.0	59,000													100
105	48.8	224.6	50,400 *	53.9	231.6	57,200	56.8	234.8	55,300	61.4	238.4	52,100										105
110	46.0	219.9	47,100 *	51.3	227.7	53,900	54.3	231.3	52,000	59.0	235.5	49,000										110
115	43.0	214.7	44,200 *	48.6	223.5	50,200 *	51.7	227.5	49,100	56.6	232.2	46,200										115
120	39.9	208.9	41,500 *	45.8	218.8	47,000 *	49.1	223.2	46,400	54.1	228.7	43,600										120
130	32.9	195.1	36,900 *	39.7	207.7	41,400 *	43.3	213.5	41,700	48.8	220.6	39,200	53.7	225.1	36,700							130
140	24.2	176.3	33,000 *	32.7	193.8	36,800 *	36.9	201.4	37,700	43.1	210.7	35,400	48.4	216.9	33,100							140
150	9.6	142.2	27,700 *	23.9	174.8	32,900 *	29.3	185.8	34,200	36.6	198.5	32,100	42.6	206.9	30,000	47.9	212.2	28,000				150
160				8.9	139.8	28,900 *	19.1	163.0	31,200	28.9	182.7	29,300	36.1	194.5	27,300	42.0	202.0	25,400	47.1	206.3	23,600	160
170										18.5	159.3	26,700	28.3	178.3	25,000	35.4	189.2	23,200	41.2	195.8	21,500	170
180													17.6	154.1	22,800	27.4	172.5	21,200	34.4	182.6	19,600	180
190																16.1	146.8	19,400	26.2	165.1	18,000	190
200																			13.9	136.9	16,400	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	88,100																75
80	63.4	253.7	74,800 *	67.5	257.4	81,000																80
85	61.3	251.0	68,600 *	65.5	255.2	74,800	67.9	256.8	72,400													85
90	59.1	248.1	63,300 *	63.3	252.7	69,500	65.8	254.6	67,200													90
95	56.8	244.9	58,600 *	61.2	250.0	64,800	63.7	252.2	62,600													95
100	54.5	241.4	54,500 *	58.9	247.1	60,600	61.5	249.5	58,500													100
105	52.1	237.6	50,800 *	56.7	243.9	56,800	59.3	246.6	54,900													105
110	49.6	233.5	47,500 *	54.3	240.4	53,400	57.0	243.5	51,600	61.3	247.0	48,500										110
115	47.0	229.0	44,500 *	51.9	236.6	50,400	54.7	240.0	48,600	59.1	244.1	45,700										115
120	44.3	224.0	41,800 *	49.5	232.4	47,400 *	52.3	236.3	45,900	56.8	240.9	43,200										120
130	38.5	212.4	37,100 *	44.2	222.8	41,700 *	47.3	227.7	41,200	52.1	233.7	38,700	56.5	237.4	36,200							130
140	31.7	197.9	33,200 *	38.3	211.2	37,100 *	41.8	217.3	37,200	47.0	225.0	34,900	51.8	230.0	32,600							140
150	23.3	178.4	29,800 *	31.6	196.7	33,100 *	35.6	204.6	33,800	41.5	214.6	31,700	46.7	221.3	29,600	51.3	225.4	27,500				150
160	9.3	143.0	23,700 *	23.1	176.9	29,700 *	28.3	188.3	30,800	35.3	201.7	28,900	41.1	210.7	26,900	46.1	216.4	25,000				160
170				8.6	140.5	24,800 *	18.5	164.6	28,200	27.9	185.2	26,400	34.8	197.7	24,500	40.5	205.7	22,800	45.4	210.5	21,000	170
180										17.9	160.9	24,100	27.3	180.7	22,500	34.2	192.3	20,800	39.7	199.4	19,200	180
190													17.0	155.5	20,600	26.5	174.9	19,000	33.2	185.6	17,500	190
200																15.6	148.2	17,400	25.2	167.4	16,000	200
210																			13.4	138.0	14,600	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	80,600																80
85	63.2	262.4	68,100 *	67.1	266.1	74,400																85
90	61.2	259.7	62,800 *	65.1	263.9	69,100	67.4	265.5	66,700													90
95	59.1	256.8	58,100 *	63.1	261.4	64,300	65.4	263.3	62,100													95
100	57.0	253.6	53,900 *	61.1	258.7	60,100	63.4	260.9	58,000													100
105	54.8	250.2	50,300 *	59.0	255.7	56,400	61.4	258.2	54,400													105
110	52.6	246.4	47,000 *	56.9	252.6	53,000	59.3	255.3	51,100													110
115	50.3	242.4	44,000 *	54.7	249.1	50,000	57.2	252.2	48,200	61.2	255.7	45,200										115
120	47.9	238.0	41,300 *	52.5	245.4	46,800 *	55.1	248.7	45,500	59.1	252.8	42,700										120
130	42.8	227.9	36,600 *	47.8	236.9	41,200 *	50.5	241.0	40,800	54.9	246.2	38,200										130
140	37.2	215.8	32,700 *	42.7	226.8	36,500 *	45.7	231.9	36,800	50.3	238.4	34,400	54.5	242.6	32,100							140
150	30.7	200.7	29,300 *	37.0	214.6	32,600 *	40.4	221.0	33,400	45.5	229.2	31,200	50.0	234.7	29,000							150
160	22.6	180.3	26,300 *	30.5	199.4	29,200 *	34.4	207.7	30,400	40.1	218.2	28,400	45.1	225.5	26,400	49.5	230.0	24,400				160
170	9.0	143.8	20,900 *	22.3	178.8	26,300 *	27.4	190.7	27,800	34.1	204.8	25,900	39.7	214.3	24,100	44.6	220.6	22,200				170
180				8.3	141.2	22,000 *	17.8	166.1	25,200 *	27.0	187.5	23,700	33.7	200.7	22,000	39.2	209.2	20,300	43.9	214.5	18,600	180
190										17.3	162.4	21,800	26.4	183.1	20,100	33.0	195.3	18,500	38.4	202.9	17,000	190
200													16.4	157.0	18,400	25.6	177.1	17,000	32.1	188.5	15,500	200
210																15.0	149.5	15,500	24.4	169.5	14,200	210
220																			12.9	139.1	12,900	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	74,100																85
90	63.0	271.1	63,100 *	66.7	274.9	68,800																90
95	61.1	268.4	58,300 *	64.8	272.6	64,000	67.0	274.3	61,800													95
100	59.2	265.4	54,100 *	62.9	270.1	59,800	65.1	272.0	57,700													100
105	57.2	262.3	50,400 *	61.0	267.3	56,100	63.2	269.5	54,100													105
110	55.1	258.9	47,000 *	59.1	264.4	52,700	61.3	266.9	50,800													110
115	53.0	255.2	44,000 *	57.1	261.2	49,700	59.4	264.0	47,900													115
120	50.9	251.2	41,300 *	55.0	257.8	46,900 *	57.4	260.8	45,200	61.1	264.4	42,400										120
130	46.4	242.3	36,500 *	50.8	250.1	41,200 *	53.3	253.8	40,500	57.2	258.3	37,900										130
140	41.5	231.7	32,500 *	46.2	241.2	36,400 *	48.9	245.6	36,600	53.1	251.2	34,200	56.9	254.8	31,800							140
150	36.0	219.1	29,100 *	41.3	230.6	32,500 *	44.2	236.0	33,200	48.7	243.0	30,900	52.8	247.6	28,800							150
160	29.7	203.3	26,200 *	35.9	217.8	29,100 *	39.1	224.6	30,200	44.0	233.3	28,100	48.4	239.3	26,100	52.4	243.0	24,100				160
170	21.9	182.3	23,600 *	29.6	202.0	26,100 *	33.4	210.7	27,600	38.9	221.8	25,700	43.7	229.5	23,800	47.9	234.5	22,000				170
180	8.7	144.5	18,600 *	21.6	180.7	23,500 *	26.5	193.1	25,000 *	33.1	207.8	23,500	38.5	217.8	21,700	43.2	224.6	20,000	47.3	228.6	18,300	180
190				8.1	141.8	19,600 *	17.3	167.6	22,600 *	26.2	189.9	21,600	32.6	203.6	19,900	37.9	212.7	18,300	42.5	218.4	16,700	190
200										16.7	163.8	19,800	25.6	185.3	18,300	32.0	198.2	16,700	37.2	206.3	15,200	200
210													15.9	158.3	16,700	24.8	179.3	15,300	31.1	191.3	13,900	210
220																14.6	150.7	14,000	23.7	171.6	12,700	220
230																			12.5	140.2	11,600	230



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	63,600																95
100	61.1	277.0	53,600 *	64.6	281.2	59,400	66.6	283.0	57,300													100
105	59.2	274.1	49,800 *	62.8	278.7	55,700	64.8	280.7	53,600													105
110	57.3	271.0	46,500 *	61.0	276.0	52,300	63.1	278.2	50,400													110
115	55.4	267.6	43,500 *	59.1	273.1	49,300	61.3	275.5	47,400													115
120	53.4	264.0	40,700 *	57.2	269.9	46,400 *	59.4	272.6	44,800	62.9	275.7	41,900										120
130	49.3	255.9	36,000 *	53.3	262.9	40,600 *	55.6	266.2	40,100	59.2	270.1	37,400										130
140	45.0	246.4	32,000 *	49.2	254.8	35,900 *	51.7	258.7	36,100	55.4	263.6	33,700										140
150	40.2	235.4	28,600 *	44.9	245.3	31,900 *	47.4	250.0	32,700	51.5	256.1	30,500	55.2	260.1	28,300							150
160	35.0	222.2	25,600 *	40.1	234.2	28,500 *	42.9	239.9	29,800	47.2	247.4	27,700	51.2	252.5	25,600							160
170	28.9	205.9	23,100 *	34.8	221.0	25,600 *	38.0	228.0	27,200	42.7	237.2	25,200	46.9	243.6	23,300	50.8	247.8	21,400				170
180	21.2	184.1	20,800 *	28.7	204.6	23,000 *	32.4	213.6	24,500 *	37.7	225.2	23,100	42.4	233.4	21,300	46.5	238.8	19,500				180
190	8.4	145.2	16,300 *	21.0	182.6	20,800 *	25.7	195.3	22,000 *	32.1	210.7	21,100	37.4	221.2	19,400	41.9	228.4	17,800	45.9	232.9	16,200	190
200				7.8	142.5	17,200 *	16.8	169.1	19,900 *	25.4	192.1	19,400	31.7	206.5	17,800	36.8	216.0	16,200	41.2	222.2	14,700	200
210										16.3	165.3	17,800	24.9	187.5	16,300	31.1	200.9	14,800	36.1	209.5	13,400	210
220													15.4	159.7	14,900	24.1	181.5	13,600	30.2	194.0	12,200	220
230																14.2	151.9	12,400	23.0	173.6	11,100	230
240																			12.2	141.3	10,100	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	56,800													100
105	61.0	285.7	49,300 *	64.3	289.9	55,300	66.3	291.7	53,200													105
110	59.3	282.8	46,000 *	62.6	287.4	51,900	64.6	289.4	50,000													110
115	57.5	279.6	43,000 *	60.9	284.7	48,900	62.9	286.9	47,000													115
120	55.7	276.3	40,200 *	59.2	281.7	45,900 *	61.2	284.2	44,300													120
130	51.9	268.9	35,500 *	55.6	275.2	40,100 *	57.7	278.2	39,700	61.0	281.7	37,000										130
140	47.9	260.3	31,500 *	51.8	267.8	35,400 *	54.0	271.3	35,700	57.5	275.6	33,200										140
150	43.7	250.5	28,100 *	47.8	259.2	31,400 *	50.2	263.4	32,300	53.8	268.7	30,000	57.3	272.1	27,800							150
160	39.1	239.0	25,100 *	43.6	249.3	28,000 *	46.1	254.3	29,400	50.0	260.8	27,300	53.6	265.1	25,200							160
170	34.0	225.3	22,600 *	39.0	237.8	25,100 *	41.7	243.8	26,800 *	45.9	251.6	24,800	49.7	257.1	22,900							170
180	28.1	208.4	20,300 *	33.9	224.0	22,500 *	36.9	231.4	24,000 *	41.5	241.0	22,700	45.6	247.9	20,800	49.3	252.4	19,000				180
190	20.6	185.9	18,300 *	27.9	207.1	20,300 *	31.5	216.5	21,600 *	36.7	228.5	20,800	41.2	237.2	19,000	45.2	243.0	17,300				190
200	8.2	145.9	14,100 *	20.4	184.4	18,300 *	25.0	197.6	19,400 *	31.2	213.5	19,000	36.3	224.5	17,400	40.7	232.1	15,800	44.6	237.0	14,300	200
210				7.6	143.1	15,000 *	16.3	170.5	17,500 *	24.7	194.3	17,500	30.8	209.2	15,900	35.8	219.3	14,400	40.1	225.9	13,000	210
220										15.8	166.6	16,000	24.2	189.7	14,600	30.2	203.6	13,200	35.1	212.7	11,800	220
230													15.0	161.0	13,300	23.4	183.5	12,000	29.4	196.6	10,700	230
240																13.8	153.1	10,900	22.3	175.6	9,700	240
250																			11.8	142.3	8,700	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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 *	70.3	307.2	58,800 *																90
95	65.8	302.0	51,400 *	68.8	305.3	56,400 *																95
100	64.2	299.6	49,000 *	67.3	303.2	54,100 *																100
105	62.6	297.1	46,600 *	65.7	301.0	51,700 *	67.5	302.6	52,800													105
110	60.9	294.3	44,300 *	64.1	298.6	49,300 *	65.9	300.4	49,500													110
115	59.3	291.4	42,100 *	62.5	296.1	46,900 *	64.4	298.1	46,600													115
120	57.6	288.3	39,700 *	60.9	293.3	44,700 *	62.8	295.5	43,900													120
130	54.1	281.4	34,900 *	57.5	287.3	39,600 *	59.5	289.9	39,200	62.6	293.1	36,500										130
140	50.5	273.6	30,900 *	54.0	280.4	34,800 *	56.1	283.5	35,300	59.3	287.4	32,800										140
150	46.6	264.7	27,500 *	50.4	272.5	30,900 *	52.5	276.3	31,900	55.9	281.0	29,600										150
160	42.5	254.4	24,600 *	46.5	263.5	27,500 *	48.8	268.0	29,000	52.4	273.7	26,800	55.7	277.5	24,700							160
170	38.1	242.4	22,000 *	42.4	253.2	24,500 *	44.9	258.5	26,200 *	48.6	265.3	24,400	52.1	270.1	22,400							170
180	33.1	228.3	19,800 *	38.0	241.2	22,000 *	40.6	247.5	23,400 *	44.7	255.8	22,200	48.4	261.6	20,300	51.7	265.4	18,500				180
190	27.3	210.9	17,800 *	33.0	227.0	19,700 *	35.9	234.6	21,000 *	40.4	244.7	20,300	44.4	252.0	18,500	48.0	256.9	16,800				190
200	20.1	187.7	16,000 *	27.2	209.5	17,700 *	30.7	219.2	18,900 *	35.7	231.8	18,600	40.1	240.8	16,900	44.0	247.1	15,300	47.4	251.0	13,700	200
210	8.0	146.6	12,200 *	19.9	186.1	15,900 *	24.4	199.7	17,000 *	30.4	216.2	17,000	35.4	227.7	15,500	39.6	235.8	13,900	43.4	241.0	12,400	210
220				7.4	143.8	13,000 *	15.9	171.9	15,200 *	24.1	196.4	15,600	30.0	211.9	14,100	34.9	222.4	12,700	39.0	229.4	11,300	220
230										15.4	168.0	14,300	23.6	191.8	12,900	29.4	206.3	11,500	34.2	215.8	10,200	230
240													14.6	162.2	11,800	22.8	185.5	10,500	28.6	199.1	9,200	240
250																13.4	154.3	9,500	21.8	177.5	8,300	250
260																			11.5	143.3	7,400	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	153,800 b																50	
55	53.3	185.5	121,600 *	63.6	191.3	135,400 b																55	
60	47.9	181.2	107,600 *	58.9	188.4	120,800 b	64.8	191.0	117,100 b													60	
65	42.0	176.0	96,300 *	53.9	185.0	108,900	60.2	188.2	105,500 b													65	
70	35.3	169.5	87,000 *	48.6	180.8	99,000	55.3	184.9	96,000 b													70	
75	27.1	160.9	79,200 *	42.8	175.7	90,700	50.0	181.0	87,900	60.5	186.0	83,200 b										75	
80	15.2	147.2	72,500 *	36.2	169.4	83,500	44.4	176.2	80,900	55.6	182.8	76,600 b										80	
85				28.2	161.2	77,300	38.0	170.2	74,900	50.4	178.9	71,000										85	
90				17.1	148.6	71,700	30.5	162.6	69,600	44.8	174.2	66,000	55.8	179.6	62,300 b								90
95							20.6	151.6	64,900	38.5	168.3	61,600	50.6	175.7	58,200								95
100										31.2	160.9	57,600	45.0	171.0	54,500								100
105										21.6	150.3	54,100	38.7	165.2	51,100	50.4	171.3	48,200					105
110													31.4	157.8	48,100	44.7	166.6	45,400					110
115													21.9	147.3	45,400	38.4	160.7	42,800					115
120																31.1	153.3	40,400	44.0	160.9	38,000		120
130																30.1	147.2	34,100	30.1	147.2	34,100		130



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	153,400 b																50
55	58.5	197.7	122,300 *	67.1	202.4	135,000 b																55
60	54.1	194.2	108,200 *	63.2	200.0	120,400 b																60
65	49.5	190.2	96,800 *	59.0	197.1	108,500	64.2	199.6	105,100 b													65
70	44.6	185.4	87,400 *	54.7	193.7	98,700	60.1	196.9	95,500													70
75	39.1	179.6	79,600 *	50.1	189.8	90,300	55.9	193.7	87,500													75
80	32.9	172.5	72,900 *	45.2	185.0	83,200	51.4	189.8	80,600	60.5	194.7	76,100										80
85	25.3	163.1	67,100 *	39.8	179.4	77,000	46.5	185.4	74,600	56.2	191.5	70,500										85
90	14.1	148.4	62,000 *	33.7	172.5	71,600	41.3	180.0	69,300	51.7	187.7	65,500										90
95				26.3	163.5	66,800	35.4	173.5	64,700	46.9	183.3	61,200	56.3	188.3	57,600							95
100				15.9	149.9	62,500	28.4	165.1	60,600	41.7	178.0	57,300	51.8	184.5	53,900							100
105							19.2	153.3	56,800	35.9	171.6	53,800	47.1	180.1	50,700							105
110										29.0	163.4	50,600	41.9	174.9	47,700	51.7	180.2	44,800				110
115										20.1	152.0	47,700	36.1	168.5	45,000	46.9	175.7	42,300				115
120													29.2	160.4	42,500	41.7	170.4	39,900				120
130																29.0	155.8	35,900	41.0	164.7	33,600	130
140																28.0	149.7	30,300	28.0	149.7	30,300	140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	
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	134,600 b																55
60	58.7	206.3	108,600 *	66.4	211.1	120,000 b																60
65	54.8	203.0	97,100 *	62.8	208.6	108,200	67.3	210.7	104,700 b													65
70	50.8	199.0	87,700 *	59.1	205.8	98,300	63.8	208.3	95,100													70
75	46.5	194.5	79,800 *	55.3	202.5	90,000	60.1	205.6	87,100													75
80	41.9	189.2	73,000 *	51.3	198.6	82,900	56.3	202.4	80,200													80
85	36.7	182.9	67,200 *	47.0	194.2	76,700	52.4	198.7	74,200	60.4	203.4	70,000										85
90	30.9	175.2	62,200 *	42.5	189.0	71,400	48.2	194.4	69,000	56.6	200.2	65,100										90
95	23.7	165.2	57,700 *	37.4	182.8	66,600	43.7	189.4	64,400	52.7	196.5	60,800										95
100	13.2	149.5	53,800 *	31.7	175.3	62,400	38.8	183.5	60,300	48.5	192.3	56,900	56.7	197.0	53,500							100
105				24.7	165.7	58,300 *	33.3	176.5	56,600	44.1	187.4	53,400	52.8	193.3	50,200							105
110				15.0	151.2	54,300 *	26.7	167.5	53,300	39.2	181.6	50,300	48.6	189.1	47,300							110
115							18.1	154.9	50,300	33.7	174.6	47,500	44.2	184.2	44,600	52.7	189.0	41,800				115
120										27.3	165.9	44,900	39.3	178.5	42,200	48.5	184.8	39,500				120
130													27.5	162.8	37,900	39.1	174.0	35,500	48.0	179.2	33,100	130
140																27.2	158.2	32,100	38.5	168.2	29,900	140
150																26.4	152.0	27,100	26.4	152.0	27,100	150



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	119,600 b																60
65	58.8	215.0	97,100 *	65.7	219.8	107,700																65
70	55.4	211.7	87,600 *	62.5	217.3	97,900	66.6	219.4	94,600													70
75	51.8	207.9	79,700 *	59.2	214.4	89,600	63.4	217.0	86,600													75
80	48.0	203.6	72,900 *	55.8	211.2	82,500	60.1	214.2	79,700													80
85	43.9	198.6	67,100 *	52.2	207.4	76,400	56.7	211.1	73,800													85
90	39.6	192.8	62,000 *	48.5	203.2	71,000	53.2	207.4	68,600	60.4	212.0	64,600										90
95	34.7	186.1	57,600 *	44.5	198.3	66,300	49.5	203.3	64,000	57.0	208.9	60,200										95
100	29.2	177.8	53,600 *	40.1	192.7	62,000	45.5	198.6	59,900	53.5	205.3	56,400										100
105	22.5	167.2	50,100 *	35.4	186.0	58,100 *	41.3	193.2	56,300	49.8	201.3	52,900	57.1	205.7	49,700							105
110	12.5	150.6	46,900 *	30.0	178.0	54,100 *	36.7	186.9	53,000	45.9	196.6	49,800	53.6	202.1	46,700							110
115				23.4	167.7	50,600 *	31.5	179.3	50,000	41.7	191.2	47,000	49.9	198.1	44,100							115
120				14.2	152.4	47,300 *	25.3	169.7	47,300	37.1	185.0	44,500	46.0	193.4	41,700							120
130										25.8	168.2	40,000	37.2	181.9	37,400	45.8	189.0	35,000				130
140													26.0	165.1	33,800	37.0	177.4	31,600	45.3	183.4	29,400	140
150																25.8	160.5	28,600	36.4	171.6	26,600	150
160																			24.9	154.2	24,200	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	119,100																60
65	61.9	226.6	99,900 *	68.1	230.7	107,300																65
70	58.9	223.7	90,100 *	65.2	228.5	97,400																70
75	55.8	220.4	81,900 *	62.3	226.0	89,200	66.0	228.1	86,100													75
80	52.6	216.7	74,900 *	59.3	223.1	82,100	63.1	225.7	79,200													80
85	49.2	212.5	68,900 *	56.2	219.9	75,900	60.1	222.9	73,300													85
90	45.6	207.8	63,600 *	53.0	216.2	70,600	57.0	219.7	68,100													90
95	41.8	202.4	59,100 *	49.6	212.1	65,800	53.8	216.2	63,500	60.3	220.7	59,700										95
100	37.6	196.3	55,000 *	46.0	207.5	61,600	50.5	212.2	59,500	57.3	217.6	55,900										100
105	33.1	189.0	51,400 *	42.3	202.2	57,900	47.0	207.7	55,900	54.1	214.1	52,500										105
110	27.8	180.3	48,200 *	38.2	196.1	54,500	43.3	202.6	52,600	50.8	210.1	49,400	57.3	214.3	46,200							110
115	21.4	169.0	45,200 *	33.7	189.1	51,400	39.3	196.8	49,600	47.3	205.7	46,600	54.2	210.9	43,600							115
120	11.9	151.6	40,700 *	28.5	180.5	48,600 *	34.9	190.0	46,900	43.6	200.6	44,000	50.9	206.9	41,200							120
130				13.5	153.5	42,900 *	24.1	171.9	42,200	35.3	188.2	39,600	43.7	197.5	37,000	50.7	202.6	34,400				130
140										24.6	170.3	35,700	35.4	185.1	33,400	43.5	193.1	31,100				140
150													24.8	167.3	30,300	35.2	180.6	28,200	43.1	187.4	26,100	150
160																24.5	162.7	25,600	34.7	174.7	23,700	160
170																			23.7	156.3	21,600	170



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	106,800																65
70	61.8	235.2	89,800 *	67.4	239.5	97,000																70
75	59.0	232.3	81,500 *	64.8	237.2	88,700																75
80	56.2	229.1	74,500 *	62.1	234.6	81,600	65.5	236.8	78,800													80
85	53.2	225.5	68,500 *	59.4	231.8	75,500	62.8	234.3	72,800													85
90	50.1	221.4	63,300 *	56.5	228.6	70,200	60.1	231.5	67,700													90
95	46.9	216.9	58,700 *	53.6	225.0	65,400	57.3	228.4	63,100	63.0	232.1	59,200										95
100	43.5	211.8	54,600 *	50.5	221.0	61,200	54.4	224.9	59,000	60.3	229.3	55,400										100
105	39.9	206.1	51,000 *	47.3	216.5	57,500	51.3	221.1	55,400	57.5	226.3	52,000										105
110	36.0	199.5	47,700 *	44.0	211.5	54,100	48.2	216.8	52,200	54.6	222.8	48,900										110
115	31.6	191.9	44,800 *	40.4	205.9	51,100	44.9	211.9	49,200	51.6	219.0	46,100	57.6	223.0	43,000							115
120	26.6	182.7	42,200 *	36.5	199.5	48,200 *	41.3	206.4	46,500	48.4	214.7	43,600	54.7	219.6	40,600							120
130	11.4	152.5	35,900 *	27.2	183.0	42,500 *	33.3	193.0	41,800	41.6	204.5	39,100	48.5	211.5	36,500							130
140				12.9	154.6	37,800 *	23.0	173.9	37,800	33.7	191.2	35,300	41.7	201.3	32,900	48.4	207.1	30,500				140
150										23.5	172.4	32,100	33.8	188.1	29,900	41.6	196.9	27,700	48.0	201.6	25,500	150
160													23.7	169.4	27,200	33.6	183.6	25,200	41.1	191.2	23,200	160
170																23.4	164.7	22,900	33.1	177.7	21,100	170
180																			22.7	158.3	19,300	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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 *b																			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	96,700																70
75	61.6	243.9	82,000 *	66.9	248.2	88,400																75
80	59.1	241.0	74,900 *	64.4	245.9	81,400	67.5	247.8	78,500													80
85	56.5	237.8	68,800 *	61.9	243.3	75,300	65.1	245.5	72,600													85
90	53.8	234.2	63,500 *	59.4	240.4	69,900	62.6	243.0	67,400													90
95	51.0	230.3	58,800 *	56.8	237.2	65,200	60.1	240.2	62,800													95
100	48.0	225.9	54,700 *	54.1	233.7	61,000	57.5	237.1	58,800	62.8	240.8	55,100										100
105	45.0	221.1	51,100 *	51.3	229.8	57,300	54.8	233.7	55,200	60.3	238.0	51,700										105
110	41.7	215.7	47,800 *	48.4	225.5	53,900	52.1	229.9	51,900	57.7	234.9	48,600										110
115	38.2	209.6	44,900 *	45.4	220.8	50,900	49.2	225.7	49,000	55.0	231.5	45,800										115
120	34.5	202.7	42,200 *	42.1	215.4	48,100	46.2	221.1	46,300	52.3	227.8	43,300	57.8	231.7	40,400							120
130	25.5	184.9	37,500 *	35.0	202.6	42,500 *	39.6	210.1	41,600	46.4	219.0	38,900	52.3	224.6	36,200							130
140	10.9	153.4	32,000 *	26.1	185.3	37,800 *	32.0	195.9	37,600	39.9	208.1	35,100	46.5	215.8	32,700	52.2	220.2	30,300				140
150				12.3	155.7	33,800 *	22.1	175.8	34,200	32.3	194.1	31,900	40.0	205.0	29,600	46.4	211.4	27,400				150
160										22.5	174.4	29,100	32.4	191.0	27,000	39.9	200.6	24,900	46.0	205.8	22,900	160
170													22.7	171.4	24,700	32.3	186.5	22,800	39.4	194.8	20,900	170
180																22.5	166.7	20,800	31.8	180.5	19,100	180
190																			21.8	160.2	17,400	190



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	96,300																70
75	63.8	255.2	81,600 *	68.6	259.1	88,000																75
80	61.5	252.6	74,500 *	66.4	256.9	80,900																80
85	59.1	249.7	68,400 *	64.1	254.6	74,800	67.0	256.5	72,100													85
90	56.7	246.5	63,100 *	61.8	252.0	69,500	64.7	254.2	66,900													90
95	54.2	243.0	58,400 *	59.4	249.1	64,800	62.4	251.7	62,400													95
100	51.6	239.1	54,300 *	57.0	245.9	60,600	60.1	248.9	58,300													100
105	49.0	234.9	50,600 *	54.5	242.5	56,900	57.7	245.8	54,700	62.6	249.4	51,200										105
110	46.2	230.2	47,300 *	52.0	238.7	53,500	55.2	242.4	51,500	60.3	246.7	48,100										110
115	43.2	225.1	44,400 *	49.3	234.5	50,500	52.7	238.7	48,500	57.9	243.6	45,300										115
120	40.1	219.3	41,700 *	46.5	229.9	47,700	50.0	234.6	45,900	55.4	240.2	42,800										120
130	33.2	205.6	37,100 *	40.5	219.1	42,100 *	44.4	225.2	41,200	50.2	232.5	38,400	55.5	237.0	35,700							130
140	24.5	187.1	33,100 *	33.6	205.6	37,300 *	38.1	213.5	37,200	44.6	223.1	34,700	50.3	229.3	32,200							140
150	10.5	154.3	28,300 *	25.1	187.5	33,400 *	30.8	198.7	33,800	38.4	211.6	31,500	44.7	220.0	29,100	50.2	225.0	26,900				150
160				11.9	156.7	29,900 *	21.2	177.7	30,800	31.1	196.9	28,700	38.5	208.5	26,500	44.6	215.6	24,400				160
170										21.7	176.3	26,200	31.2	193.8	24,200	38.3	204.0	22,300	44.2	209.9	20,300	170
180													21.8	173.3	22,100	31.0	189.3	20,300	37.9	198.2	18,600	180
190																21.6	168.6	18,600	30.6	183.3	16,900	190
200																			20.9	162.0	15,500	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	87,600																75
80	63.6	263.9	75,200 *	68.0	267.8	80,500																80
85	61.4	261.2	69,000 *	66.0	265.6	74,400																85
90	59.2	258.3	63,600 *	63.8	263.3	69,000	66.5	265.2	66,400													90
95	56.9	255.1	58,900 *	61.7	260.6	64,300	64.4	262.9	61,900													95
100	54.6	251.7	54,700 *	59.5	257.7	60,200	62.3	260.3	57,900													100
105	52.2	247.9	51,000 *	57.2	254.6	56,400	60.1	257.5	54,300													105
110	49.8	243.8	47,700 *	54.9	251.2	53,100	57.8	254.4	51,000	62.4	258.1	47,600										110
115	47.2	239.3	44,700 *	52.5	247.4	50,100	55.5	251.1	48,100	60.2	255.3	44,800										115
120	44.5	234.3	42,000 *	50.1	243.4	47,300	53.2	247.4	45,400	58.0	252.3	42,300										120
130	38.7	222.9	37,300 *	44.8	234.0	42,400 *	48.2	239.1	40,800	53.4	245.3	37,900										130
140	32.0	208.5	33,300 *	39.1	222.7	37,600 *	42.8	229.1	36,800	48.4	237.0	34,200	53.4	242.1	31,700							140
150	23.7	189.2	29,900 *	32.4	208.6	33,600 *	36.8	216.9	33,400	43.0	227.1	31,000	48.5	233.8	28,700							150
160	10.1	155.2	24,300 *	24.3	189.6	30,100 *	29.7	201.3	30,500	37.0	215.0	28,300	43.1	223.9	26,100	48.4	229.5	23,900				160
170				11.4	157.7	26,200 *	20.5	179.5	27,900	30.0	199.6	25,800	37.1	211.9	23,800	43.0	219.5	21,800				170
180										20.9	178.1	23,600	30.1	196.5	21,700	37.0	207.4	19,900	42.6	213.9	18,100	180
190													21.1	175.1	19,900	29.9	192.0	18,200	36.6	201.6	16,500	190
200																20.9	170.4	16,600	29.5	185.9	15,000	200
210																			20.2	163.8	13,700	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	80,100																80
85	63.4	272.6	69,200 *	67.6	276.6	73,900																85
90	61.3	269.9	63,700 *	65.6	274.4	68,600																90
95	59.3	267.0	58,900 *	63.6	271.9	63,900	66.1	273.9	61,400													95
100	57.1	263.8	54,700 *	61.6	269.3	59,700	64.1	271.6	57,400													100
105	55.0	260.4	50,900 *	59.5	266.4	56,000	62.1	269.0	53,800													105
110	52.7	256.7	47,500 *	57.4	263.3	52,700	60.1	266.2	50,600													110
115	50.4	252.7	44,500 *	55.2	259.9	49,600	58.0	263.1	47,600	62.3	266.8	44,300										115
120	48.1	248.3	41,800 *	53.0	256.2	46,900	55.8	259.8	45,000	60.2	264.0	41,800										120
130	43.0	238.3	37,000 *	48.4	247.9	42,100	51.3	252.3	40,300	56.0	257.6	37,400										130
140	37.4	226.3	33,000 *	43.3	238.0	37,300 *	46.6	243.4	36,400	51.5	250.2	33,700	56.0	254.4	31,100							140
150	30.9	211.3	29,500 *	37.8	226.1	33,200 *	41.4	232.9	33,000	46.7	241.4	30,600	51.6	247.0	28,100							150
160	22.9	191.2	26,600 *	31.4	211.4	29,800 *	35.5	220.1	30,100	41.6	230.9	27,800	46.8	238.2	25,600	51.5	242.6	23,400				160
170	9.8	156.0	21,500 *	23.5	191.7	26,800 *	28.7	203.9	27,500	35.8	218.2	25,400	41.6	227.8	23,300	46.7	233.8	21,200				170
180				11.1	158.6	23,200 *	19.8	181.2	25,200	29.0	202.2	23,200	35.9	215.1	21,300	41.5	223.4	19,300	46.4	228.2	17,500	180
190										20.2	179.9	21,300	29.1	199.1	19,500	35.7	210.6	17,700	41.2	217.6	15,900	190
200													20.4	176.9	17,800	29.0	194.6	16,100	35.4	204.8	14,500	200
210																20.2	172.2	14,700	28.5	188.4	13,200	210
220																			19.5	165.5	12,000	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	73,600																85
90	63.2	281.2	63,400 *	67.1	285.3	68,300																90
95	61.2	278.6	58,600 *	65.3	283.1	63,600	67.6	284.9	61,100													95
100	59.3	275.6	54,400 *	63.4	280.6	59,400	65.8	282.7	57,100													100
105	57.3	272.5	50,600 *	61.5	277.9	55,700	63.9	280.3	53,500													105
110	55.3	269.1	47,200 *	59.5	275.1	52,400	62.0	277.7	50,300													110
115	53.2	265.5	44,200 *	57.6	272.0	49,300	60.1	274.8	47,300													115
120	51.0	261.5	41,500 *	55.5	268.6	46,600	58.1	271.8	44,700	62.1	275.4	41,500										120
130	46.5	252.6	36,700 *	51.3	261.1	41,800	54.0	264.9	40,000	58.2	269.6	37,100										130
140	41.6	242.1	32,700 *	46.8	252.3	37,000 *	49.7	257.0	36,100	54.2	262.8	33,400										140
150	36.2	229.6	29,200 *	42.0	241.9	32,900 *	45.1	247.6	32,700	49.9	254.9	30,300	54.2	259.6	27,900							150
160	30.0	214.0	26,300 *	36.6	229.5	29,400 *	40.1	236.6	29,800	45.3	245.6	27,500	49.9	251.7	25,300							160
170	22.2	193.1	23,700 *	30.4	214.1	26,500 *	34.4	223.2	27,300	40.3	234.6	25,100	45.3	242.4	23,000	49.8	247.3	20,900				170
180	9.5	156.8	19,100 *	22.7	193.7	23,800 *	27.8	206.4	25,000	34.7	221.4	23,000	40.3	231.5	21,000	45.2	238.0	19,100				180
190				10.7	159.5	20,700 *	19.2	182.9	22,900	28.1	204.7	21,100	34.7	218.2	19,200	40.2	227.0	17,400	45.0	232.4	15,600	190
200										19.6	181.6	19,300	28.2	201.6	17,600	34.6	213.8	15,900	39.9	221.3	14,200	200
210													19.8	178.7	16,100	28.1	197.1	14,500	34.3	207.9	13,000	210
220																19.6	173.9	13,300	27.6	190.9	11,800	220
230																			18.9	167.2	10,700	230



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	67,900																90
95	63.0	289.9	58,100 *	66.7	294.0	63,200																95
100	61.2	287.2	53,900 *	65.0	291.8	59,000	67.2	293.6	56,600													100
105	59.3	284.3	50,100 *	63.2	289.3	55,300	65.5	291.4	53,000													105
110	57.5	281.2	46,700 *	61.4	286.6	52,000	63.7	288.9	49,800													110
115	55.5	277.8	43,700 *	59.6	283.7	48,900	61.9	286.3	46,900													115
120	53.6	274.2	40,900 *	57.7	280.6	46,200	60.1	283.5	44,200													120
130	49.5	266.2	36,100 *	53.8	273.7	41,300 *	56.3	277.2	39,600	60.2	281.3	36,600										130
140	45.1	256.8	32,100 *	49.8	265.7	36,400 *	52.4	269.9	35,700	56.4	275.0	33,000										140
150	40.4	245.8	28,700 *	45.4	256.5	32,400 *	48.2	261.5	32,300	52.5	267.8	29,800	56.5	271.8	27,300							150
160	35.2	232.7	25,700 *	40.7	245.6	28,900 *	43.7	251.7	29,400	48.4	259.4	27,100	52.6	264.6	24,800							160
170	29.1	216.6	23,100 *	35.5	232.7	25,900 *	38.9	240.1	26,800	43.9	249.6	24,700	48.4	256.2	22,500	52.5	260.2	20,400				170
180	21.5	195.0	20,900 *	29.5	216.7	23,300 *	33.4	226.2	24,600	39.1	238.2	22,500	44.0	246.5	20,500	48.3	251.8	18,500				180
190	9.2	157.6	16,700 *	22.1	195.7	21,000 *	27.0	208.8	22,500 *	33.6	224.4	20,600	39.1	235.0	18,700	43.9	242.1	16,900				190
200				10.4	160.4	18,200 *	18.7	184.5	20,300 *	27.3	207.1	18,900	33.7	221.3	17,100	39.0	230.6	15,400	43.6	236.4	13,700	200
210										19.0	183.3	17,400	27.4	204.0	15,700	33.6	216.8	14,000	38.7	224.8	12,400	210
220													19.2	180.3	14,400	27.2	199.5	12,800	33.3	210.9	11,300	220
230																19.0	175.6	11,700	26.8	193.3	10,200	230
240																			18.4	168.8	9,300	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	58,600																100
105	61.1	295.9	49,600 *	64.7	300.4	54,900	66.8	302.3	52,600													105
110	59.4	293.0	46,200 *	63.0	298.0	51,500	65.2	300.1	49,400													110
115	57.6	289.9	43,200 *	61.3	295.3	48,500	63.5	297.6	46,500													115
120	55.8	286.5	40,400 *	59.6	292.4	45,800	61.8	295.0	43,800													120
130	52.0	279.1	35,600 *	56.0	286.0	40,800 *	58.3	289.1	39,200	61.9	292.8	36,200										130
140	48.1	270.6	31,600 *	52.3	278.7	35,900 *	54.7	282.4	35,300	58.4	286.9	32,500										140
150	43.9	260.8	28,200 *	48.3	270.3	31,900 *	50.9	274.7	31,900	54.8	280.3	29,400										150
160	39.3	249.4	25,200 *	44.1	260.5	28,400 *	46.8	265.8	29,000	51.0	272.6	26,600	54.9	277.0	24,300							160
170	34.2	235.8	22,700 *	39.6	249.2	25,400 *	42.5	255.6	26,400	47.0	263.8	24,200	51.1	269.4	22,100							170
180	28.3	219.1	20,400 *	34.5	235.8	22,800 *	37.8	243.5	24,200	42.7	253.6	22,100	47.0	260.6	20,100	51.0	265.0	18,100				180
190	21.0	196.9	18,400 *	28.7	219.3	20,500 *	32.5	229.1	22,000 *	38.0	241.6	20,200	42.7	250.4	18,300	47.0	256.2	16,400				190
200	8.9	158.3	14,500 *	21.5	197.5	18,500 *	26.3	211.1	19,800 *	32.7	227.3	18,500	38.0	238.5	16,700	42.6	246.0	14,900	46.7	250.6	13,200	200
210				10.1	161.3	16,000 *	18.1	186.1	17,800 *	26.5	209.5	17,000	32.8	224.2	15,300	37.9	234.1	13,600	42.4	240.3	12,000	210
220										18.5	184.9	15,600	26.6	206.4	14,000	32.7	219.7	12,400	37.7	228.2	10,800	220
230													18.7	182.0	12,800	26.5	201.8	11,300	32.3	213.8	9,800	230
240																18.5	177.2	10,200	26.1	195.6	8,900	240
250																			17.9	170.3	7,900	250



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	48,900													110
115	59.4	301.6	42,300 *	62.9	306.6	47,500 *	64.9	308.8	46,000													115
120	57.7	298.5	39,900 *	61.3	303.9	45,200 *	63.3	306.3	43,300													120
130	54.2	291.7	35,100 *	57.9	298.0	40,200 *	60.1	300.8	38,700													130
140	50.6	283.9	31,100 *	54.5	291.2	35,400 *	56.7	294.6	34,800	60.2	298.6	32,000										140
150	46.8	275.0	27,600 *	50.8	283.5	31,300 *	53.2	287.4	31,500	56.8	292.4	28,900										150
160	42.7	264.8	24,700 *	47.0	274.6	27,900 *	49.5	279.3	28,600	53.3	285.3	26,100	56.9	289.2	23,800							160
170	38.2	252.9	22,100 *	42.9	264.5	24,900 *	45.6	270.1	26,000	49.6	277.2	23,800	53.3	282.1	21,500							170
180	33.3	238.8	19,800 *	38.5	252.7	22,300 *	41.4	259.4	23,800	45.7	268.0	21,600	49.7	274.0	19,600							180
190	27.6	221.5	17,800 *	33.6	238.8	20,000 *	36.8	246.9	21,400 *	41.5	257.4	19,800	45.8	264.8	17,800	49.6	269.7	15,900				190
200	20.4	198.7	16,000 *	27.9	221.8	18,000 *	31.6	232.0	19,200 *	37.0	245.0	18,100	41.6	254.2	16,200	45.7	260.5	14,400				200
210	8.7	159.1	12,500 *	20.9	199.4	16,100 *	25.6	213.3	17,300 *	31.8	230.2	16,600	37.0	241.9	14,800	41.5	249.8	13,100	45.5	254.8	11,400	210
220				9.8	162.1	13,900 *	17.7	187.6	15,500 *	25.8	211.7	15,200	31.9	227.1	13,500	36.9	237.4	11,900	41.2	244.1	10,300	220
230										18.0	186.4	13,900	25.9	208.7	12,300	31.8	222.6	10,800	36.7	231.6	9,300	230
240													18.2	183.5	11,200	25.8	204.1	9,800	31.5	216.6	8,300	240
250																18.0	178.8	8,800	25.4	197.8	7,500	250
260																			17.4	171.8	6,600	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	134,600 b																55
60	48.3	191.5	108,500 *	60.1	199.1	120,100 b	66.4	201.6	116,100 b													60
65	42.4	186.4	97,000 *	55.2	195.8	108,300 b	61.8	199.1	104,600 b													65
70	35.8	180.0	87,600 *	49.9	191.8	98,400	57.0	196.0	95,100 b													70
75	27.7	171.6	79,700 *	44.2	187.0	90,100	51.9	192.3	87,100	63.0	197.2	82,100 b										75
80	16.3	158.5	73,000 *	37.9	181.0	83,000	46.4	187.8	80,200	58.2	194.2	75,600 b										80
85				30.4	173.4	76,800	40.3	182.3	74,300	53.2	190.7	70,000										85
90				20.4	162.3	71,400	33.3	175.4	69,100	47.8	186.4	65,100										90
95							24.5	165.9	64,400	41.9	181.2	60,700	54.2	187.8	57,000							95
100							9.7	148.5	60,100	35.1	174.6	56,900	48.9	183.7	53,400							100
105										27.0	166.0	53,400	43.1	178.7	50,100							105
110										14.9	152.1	50,200	36.5	172.5	47,200	49.5	179.7	44,200				110
115													28.7	164.3	44,500	43.8	174.8	41,700				115
120													17.9	152.1	42,000	37.4	168.8	39,400				120
130																19.5	149.5	35,300	37.6	163.6	33,000	130
140																			20.0	144.6	29,700	140



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	134,200 b																55
60	54.5	204.5	109,100 *	64.1	210.5	119,700 b																60
65	49.9	200.5	97,500 *	60.0	207.8	107,900 b	65.6	210.3	104,200 b													65
70	44.9	195.7	88,000 *	55.8	204.5	98,100	61.6	207.8	94,700 b													70
75	39.5	190.0	80,100 *	51.3	200.7	89,800	57.4	204.7	86,700													75
80	33.3	183.0	73,300 *	46.4	196.2	82,700	53.0	201.1	79,800	62.6	205.8	75,100 b										80
85	25.9	173.9	67,500 *	41.2	190.8	76,600	48.3	196.8	73,900	58.4	202.9	69,500										85
90	15.2	159.8	62,400 *	35.3	184.2	71,200	43.2	191.8	68,700	54.1	199.4	64,600										90
95				28.3	175.9	66,400	37.5	185.7	64,100	49.5	195.4	60,300										95
100				19.0	163.9	62,100	31.0	178.1	60,000	44.5	190.5	56,400	54.9	196.6	52,800							100
105							22.9	167.9	56,300	39.0	184.7	53,000	50.4	192.6	49,600							105
110							9.0	149.2	52,900	32.7	177.6	49,900	45.5	188.0	46,700							110
115										25.1	168.2	47,100	40.1	182.4	44,100	51.0	188.6	41,100				115
120										13.8	153.3	44,400	34.0	175.5	41,700	46.1	184.1	38,900				120
130													16.7	153.5	37,300	34.8	171.9	34,900	46.3	178.8	32,400	130
140																18.2	151.1	31,400	35.1	166.8	29,300	140
150																			18.6	146.2	26,500	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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		
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	133,800 b																55	
60	58.9	216.6	109,500 *	67.2	221.6	119,300 b																60	
65	55.1	213.2	97,900 *	63.7	219.2	107,500																65	
70	51.1	209.3	88,300 *	60.0	216.4	97,700	65.0	219.0	94,300 b													70	
75	46.8	204.8	80,300 *	56.3	213.2	89,500	61.4	216.4	86,300													75	
80	42.2	199.6	73,500 *	52.3	209.5	82,400	57.7	213.4	79,400													80	
85	37.1	193.4	67,600 *	48.1	205.2	76,300	53.8	209.9	73,500	62.3	214.5	69,000										85	
90	31.3	185.8	62,500 *	43.6	200.2	70,900	49.7	205.8	68,400	58.6	211.6	64,100										90	
95	24.3	176.0	58,000 *	38.7	194.4	66,200	45.3	201.1	63,800	54.8	208.2	59,900										95	
100	14.2	161.0	54,000 *	33.1	187.2	62,000	40.6	195.5	59,800	50.7	204.2	56,000										100	
105				26.6	178.2	58,200	35.3	188.9	56,100	46.4	199.7	52,600	55.5	205.3	49,200								105
110				17.9	165.5	54,800	29.2	180.7	52,800	41.8	194.4	49,600	51.5	201.5	46,300								110
115							21.5	169.8	49,800	36.6	188.1	46,800	47.3	197.1	43,700								115
120							8.4	149.9	47,000	30.8	180.4	44,200	42.7	191.9	41,300	52.0	197.4	38,400					120
130										13.0	154.4	39,600	32.0	178.4	37,100	43.3	188.1	34,500					130
140													15.6	154.8	33,400	32.7	174.9	31,100	43.5	182.8	28,800		140
150																32.7	174.9	31,100	33.0	169.7	26,100		150
160																17.1	152.5	28,200	17.5	147.7	23,700		160



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	118,900 b																60
65	59.0	225.2	97,900 *	66.5	230.3	107,100																65
70	55.6	221.9	88,300 *	63.3	227.9	97,300	67.6	230.0	93,800													70
75	52.0	218.2	80,200 *	60.0	225.1	89,000	64.5	227.7	85,800													75
80	48.2	213.9	73,400 *	56.6	221.9	82,000	61.3	225.1	79,000													80
85	44.2	209.0	67,500 *	53.1	218.3	75,900	57.9	222.0	73,100													85
90	39.9	203.3	62,400 *	49.4	214.2	70,500	54.4	218.6	67,900	62.1	223.1	63,600										90
95	35.1	196.6	57,900 *	45.5	209.5	65,800	50.8	214.7	63,400	58.7	220.2	59,300										95
100	29.6	188.5	53,900 *	41.2	204.0	61,600	46.9	210.2	59,300	55.3	216.9	55,500										100
105	23.0	178.0	50,400 *	36.6	197.7	57,900	42.8	205.0	55,700	51.7	213.1	52,100										105
110	13.5	162.2	47,100 *	31.4	190.1	54,500	38.4	199.1	52,500	47.9	208.8	49,100	56.0	214.0	45,700							110
115				25.2	180.5	51,400 *	33.4	191.9	49,500	43.9	203.8	46,300	52.4	210.3	43,100							115
120				16.9	166.9	48,100 *	27.6	183.2	46,800	39.5	198.0	43,800	48.7	206.1	40,800							120
130							7.9	150.5	41,900	29.1	182.9	39,300	40.4	195.6	36,600	49.1	202.1	33,900				130
140										12.3	155.4	35,500	30.3	181.1	33,100	40.9	191.8	30,600				140
150													14.8	156.1	29,900	31.0	177.7	27,800	41.1	186.6	25,600	150
160																16.2	153.9	25,200	31.2	172.5	23,200	160
170																16.6	149.1	21,100	16.6	149.1	21,100	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	106,600																65
70	59.1	233.9	90,700 *	65.9	239.0	96,800																70
75	56.0	230.6	82,400 *	63.0	236.5	88,600	67.0	238.7	85,300													75
80	52.8	227.0	75,300 *	60.0	233.8	81,500	64.1	236.4	78,500													80
85	49.4	222.8	69,300 *	57.0	230.6	75,400	61.1	233.7	72,600													85
90	45.8	218.1	64,000 *	53.8	227.1	70,100	58.1	230.7	67,500													90
95	42.0	212.8	59,400 *	50.4	223.1	65,400	55.0	227.3	62,900	61.9	231.8	58,800										95
100	37.9	206.7	55,300 *	46.9	218.6	61,200	51.7	223.5	58,900	58.9	228.9	55,000										100
105	33.4	199.6	51,600 *	43.2	213.5	57,500	48.2	219.2	55,300	55.7	225.6	51,600										105
110	28.2	191.0	48,400 *	39.2	207.6	54,200	44.6	214.3	52,100	52.5	221.9	48,600										110
115	21.9	179.9	45,400 *	34.8	200.8	51,100	40.7	208.8	49,100	49.1	217.7	45,800	56.4	222.7	42,600							115
120	12.8	163.2	41,500 *	29.8	192.7	48,300	36.5	202.4	46,500	45.5	213.0	43,300	53.1	219.1	40,200							120
130				16.1	168.3	43,400	26.3	185.5	41,700	37.6	201.4	38,900	46.2	210.4	36,100							130
140							7.5	151.1	37,600	27.7	185.4	35,200	38.4	199.1	32,600	46.7	206.4	30,100				140
150										11.7	156.4	31,900	28.8	183.7	29,600	38.9	195.4	27,300	46.8	201.2	25,000	150
160													14.1	157.3	26,900	29.5	180.3	24,800	39.1	190.2	22,800	160
170																15.4	155.2	22,600	29.7	175.2	20,700	170
180																			15.8	150.5	18,900	180



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	106,200																65
70	62.0	245.4	90,400 *	68.0	249.9	96,400																70
75	59.2	242.5	82,000 *	65.4	247.7	88,100																75
80	56.4	239.3	75,000 *	62.8	245.2	81,100	66.4	247.5	78,000													80
85	53.4	235.7	68,900 *	60.0	242.4	75,000	63.8	245.1	72,100													85
90	50.4	231.7	63,600 *	57.2	239.3	69,700	61.0	242.4	67,000													90
95	47.2	227.2	59,000 *	54.3	235.8	65,000	58.3	239.4	62,500													95
100	43.8	222.2	54,900 *	51.3	231.9	60,800	55.4	236.0	58,400	61.7	240.5	54,500										100
105	40.2	216.5	51,200 *	48.1	227.6	57,100	52.4	232.3	54,900	59.0	237.6	51,100										105
110	36.2	210.0	48,000 *	44.8	222.7	53,800	49.3	228.2	51,600	56.1	234.3	48,100										110
115	31.9	202.5	45,000 *	41.3	217.3	50,700	46.0	223.5	48,700	53.2	230.7	45,300										115
120	27.0	193.4	42,300 *	37.4	211.0	48,000	42.6	218.3	46,000	50.1	226.6	42,800	56.7	231.4	39,700							120
130	12.2	164.3	36,600 *	28.5	195.3	43,100	34.8	205.5	41,400	43.5	217.0	38,500	50.7	223.9	35,600							130
140				15.4	169.6	38,300 *	25.1	187.7	37,400	35.9	204.7	34,700	44.1	214.5	32,100	51.1	219.8	29,500				140
150							7.2	151.7	33,800	26.5	187.8	31,500	36.7	202.5	29,100	44.6	210.6	26,700				150
160										11.2	157.3	28,600	27.5	186.1	26,500	37.2	198.8	24,300	44.7	205.3	22,200	160
170													13.4	158.5	24,100	28.2	182.8	22,200	37.3	193.6	20,200	170
180																14.7	156.5	20,200	28.4	177.7	18,400	180
190																			15.0	151.8	16,700	190



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
167,000 Lb. Counterweight
360 Degree Rating**

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

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	96,100																70
75	61.8	254.1	82,600 *	67.4	258.7	87,900																75
80	59.3	251.2	75,400 *	65.0	256.4	80,800																80
85	56.6	248.0	69,200 *	62.6	253.9	74,800	65.9	256.2	71,800													85
90	53.9	244.5	63,800 *	60.0	251.1	69,400	63.5	253.7	66,700													90
95	51.2	240.6	59,200 *	57.4	248.0	64,800	61.0	251.0	62,200													95
100	48.2	236.2	55,000 *	54.8	244.5	60,600	58.4	248.1	58,200													100
105	45.2	231.4	51,300 *	52.0	240.7	56,900	55.8	244.8	54,600	61.6	249.1	50,800										105
110	41.9	226.1	48,000 *	49.1	236.6	53,500	53.0	241.1	51,400	59.0	246.2	47,800										110
115	38.5	220.0	45,100 *	46.1	231.9	50,500	50.2	237.1	48,500	56.4	243.0	45,100										115
120	34.7	213.2	42,400 *	42.9	226.7	47,800	47.2	232.6	45,800	53.7	239.4	42,600										120
130	25.9	195.7	37,700 *	35.9	214.3	43,000	40.8	222.0	41,200	48.0	231.1	38,200	54.2	236.6	35,300							130
140	11.7	165.3	32,600 *	27.4	197.7	38,300 *	33.4	208.5	37,200	41.7	220.8	34,500	48.6	228.4	31,900							140
150				14.7	170.9	34,300 *	24.1	189.9	33,800	34.4	207.8	31,400	42.3	218.4	28,900	48.9	224.4	26,500				150
160							6.9	152.3	30,800	25.4	190.0	28,600	35.2	205.6	26,300	42.7	214.5	24,100				160
170										10.7	158.2	26,100	26.4	188.5	24,000	35.6	202.0	22,000	42.8	209.3	19,900	170
180													12.9	159.6	21,900	27.0	185.2	20,100	35.8	196.8	18,200	180
190																14.1	157.7	18,300	27.2	180.1	16,600	190
200																			14.4	153.0	15,100	200



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	87,400																75
80	61.7	262.8	74,900 *	66.9	267.4	80,400																80
85	59.3	259.9	68,800 *	64.7	265.1	74,300	67.7	267.1	71,300													85
90	56.9	256.7	63,400 *	62.4	262.5	69,000	65.5	264.9	66,200													90
95	54.4	253.2	58,700 *	60.0	259.7	64,300	63.2	262.4	61,700													95
100	51.8	249.4	54,600 *	57.6	256.7	60,200	60.9	259.7	57,700													100
105	49.1	245.2	50,900 *	55.2	253.3	56,500	58.5	256.7	54,100													105
110	46.4	240.6	47,600 *	52.6	249.5	53,100	56.1	253.4	50,900	61.5	257.8	47,300										110
115	43.4	235.4	44,600 *	50.0	245.5	50,100	53.5	249.9	48,000	59.1	254.9	44,500										115
120	40.3	229.8	41,900 *	47.2	241.0	47,400	50.9	245.9	45,400	56.7	251.7	42,100										120
130	33.4	216.2	37,200 *	41.3	230.5	42,600	45.4	236.8	40,700	51.6	244.3	37,700	57.2	248.7	34,800							130
140	24.9	197.9	33,200 *	34.5	217.4	37,900 *	39.3	225.6	36,800	46.1	235.4	34,100	52.1	241.5	31,300							140
150	11.3	166.2	28,900 *	26.3	200.0	33,800 *	32.1	211.4	33,400	40.1	224.5	30,900	46.7	232.8	28,400	52.4	237.5	25,900				150
160				14.2	172.1	30,300 *	23.2	191.9	30,500	33.1	210.8	28,100	40.7	222.1	25,800	47.0	228.8	23,500				160
170							6.6	152.8	27,800	24.4	192.2	25,700	33.8	208.7	23,600	41.1	218.3	21,400	47.1	223.6	19,400	170
180										10.3	159.1	23,500	25.4	190.7	21,500	34.3	205.1	19,600	41.2	213.1	17,600	180
190													12.4	160.6	19,700	26.0	187.5	17,900	34.4	199.9	16,100	190
200																13.6	158.9	16,300	26.2	182.5	14,700	200
210																			13.9	154.2	13,400	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	87,000																75
80	63.7	274.1	75,700 *	68.5	278.2	79,900																80
85	61.6	271.4	69,400 *	66.5	276.1	73,900																85
90	59.4	268.5	64,000 *	64.4	273.8	68,600	67.2	275.8	65,700													90
95	57.1	265.4	59,200 *	62.2	271.2	63,900	65.1	273.6	61,200													95
100	54.8	261.9	55,000 *	60.0	268.4	59,700	63.0	271.1	57,200													100
105	52.4	258.2	51,300 *	57.8	265.3	56,000	60.8	268.4	53,700													105
110	49.9	254.1	47,900 *	55.5	262.0	52,700	58.6	265.4	50,500													110
115	47.4	249.6	44,900 *	53.1	258.3	49,700	56.3	262.1	47,600	61.4	266.5	44,000										115
120	44.7	244.7	42,200 *	50.7	254.3	46,900	54.0	258.6	44,900	59.2	263.5	41,600										120
130	38.9	233.3	37,400 *	45.5	245.2	42,200	49.1	250.5	40,300	54.6	256.9	37,200										130
140	32.2	219.1	33,400 *	39.8	234.1	38,100	43.8	240.8	36,400	49.7	249.0	33,600	55.0	254.0	30,800							140
150	24.0	200.0	30,000 *	33.3	220.4	34,000 *	37.9	229.1	33,000	44.5	239.5	30,400	50.2	246.2	27,900							150
160	10.9	167.1	24,800 *	25.4	202.3	30,500 *	31.0	214.2	30,100	38.6	228.0	27,700	45.0	236.9	25,300	50.5	242.2	23,000				160
170				13.7	173.3	27,300 *	22.4	193.9	27,500	31.9	213.6	25,300	39.2	225.7	23,100	45.3	233.0	20,900				170
180							6.4	153.3	25,100	23.6	194.2	23,200	32.6	211.6	21,100	39.6	221.9	19,100	45.4	227.8	17,100	180
190										9.9	160.0	21,200	24.5	192.9	19,300	33.1	208.1	17,400	39.7	216.7	15,600	190
200													12.0	161.6	17,700	25.1	189.7	15,900	33.2	202.9	14,200	200
210																13.1	160.0	14,500	25.2	184.7	12,900	210
220																			13.4	155.4	11,700	220



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	79,500																80
85	63.5	282.7	69,600 *	68.0	287.0	73,400																85
90	61.5	280.1	64,100 *	66.1	284.8	68,100																90
95	59.4	277.2	59,200 *	64.1	282.5	63,400	66.8	284.6	60,800													95
100	57.3	274.1	55,000 *	62.1	279.9	59,300	64.8	282.3	56,800													100
105	55.1	270.6	51,200 *	60.0	277.1	55,600	62.8	279.8	53,200													105
110	52.9	267.0	47,800 *	57.9	274.0	52,300	60.8	277.0	50,000													110
115	50.6	262.9	44,700 *	55.8	270.7	49,300	58.7	274.1	47,100													115
120	48.2	258.6	41,900 *	53.6	267.1	46,500	56.6	270.8	44,500	61.3	275.1	41,000										120
130	43.2	248.7	37,100 *	48.9	258.9	41,700	52.1	263.5	39,900	57.1	269.0	36,700										130
140	37.6	236.7	33,100 *	44.0	249.3	37,700	47.4	254.9	36,000	52.7	261.9	33,100	57.5	266.1	30,300							140
150	31.2	221.9	29,600 *	38.5	237.6	33,700 *	42.3	244.7	32,600	48.0	253.5	30,000	53.1	259.1	27,300							150
160	23.2	202.0	26,700 *	32.2	223.3	30,200 *	36.6	232.4	29,700	43.0	243.5	27,200	48.5	250.8	24,800							160
170	10.5	168.0	22,000 *	24.6	204.4	27,100 *	30.0	216.9	27,100	37.3	231.4	24,800	43.5	241.0	22,600	48.8	246.8	20,400				170
180				13.2	174.4	24,300 *	21.6	195.8	24,900	30.9	216.4	22,700	37.9	229.1	20,600	43.8	237.1	18,500				180
190							6.1	153.8	22,400 *	22.8	196.3	20,800	31.6	214.5	18,800	38.3	225.4	16,900	43.9	231.8	15,000	190
200										9.6	160.8	19,000	23.7	195.0	17,200	32.0	210.9	15,400	38.4	220.2	13,700	200
210													11.6	162.6	15,800	24.3	191.9	14,100	32.1	205.8	12,400	210
220																12.6	161.1	12,800	24.4	186.8	11,300	220
230																			12.9	156.5	10,200	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	73,100																85
90	63.3	291.4	63,800 *	67.6	295.8	67,800																90
95	61.4	288.7	58,900 *	65.7	293.5	63,100																95
100	59.4	285.9	54,700 *	63.9	291.1	59,000	66.4	293.3	56,500													100
105	57.5	282.7	50,900 *	62.0	288.5	55,300	64.5	291.0	52,900													105
110	55.4	279.4	47,500 *	60.0	285.7	52,000	62.7	288.4	49,700													110
115	53.3	275.7	44,400 *	58.0	282.7	49,000	60.7	285.7	46,800													115
120	51.2	271.8	41,600 *	56.0	279.4	46,200	58.8	282.7	44,200													120
130	46.7	262.9	36,800 *	51.8	272.0	41,500	54.7	276.1	39,600	59.3	280.9	36,400										130
140	41.8	252.5	32,800 *	47.4	263.3	37,400	50.5	268.3	35,700	55.2	274.3	32,800										140
150	36.4	240.0	29,300 *	42.6	253.2	33,400 *	45.9	259.2	32,300	51.0	266.7	29,700	55.6	271.4	27,000							150
160	30.2	224.6	26,400 *	37.3	241.0	29,800 *	41.0	248.5	29,400	46.5	257.8	27,000	51.4	263.9	24,500							160
170	22.5	204.0	23,800 *	31.2	226.1	26,800 *	35.5	235.6	26,900	41.6	247.3	24,600	46.9	255.1	22,300	51.7	259.9	20,100				170
180	10.2	168.9	19,500 *	23.8	206.5	24,100 *	29.1	219.5	24,700	36.2	234.7	22,500	42.1	244.8	20,300	47.2	251.2	18,300				180
190				12.8	175.5	21,600 *	21.0	197.6	22,600	29.9	219.1	20,600	36.7	232.5	18,600	42.4	241.0	16,600	47.3	245.9	14,700	190
200							5.9	154.3	20,000 *	22.1	198.2	18,900	30.6	217.2	17,000	37.1	228.8	15,200	42.5	235.8	13,400	200
210										9.3	161.5	17,300	23.0	197.0	15,600	31.0	213.7	13,900	37.2	223.6	12,200	210
220													11.2	163.6	14,200	23.5	193.9	12,600	31.1	208.6	11,000	220
230																12.3	162.1	11,500	23.7	188.9	10,000	230
240																			12.5	157.5	9,000	240



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	67,400																90
95	63.1	300.1	58,400 *	67.2	304.5	62,700																95
100	61.3	297.4	54,100 *	65.4	302.3	58,600	67.8	304.2	56,000													100
105	59.5	294.5	50,300 *	63.6	299.8	54,900	66.1	302.0	52,400													105
110	57.6	291.4	46,900 *	61.9	297.2	51,600	64.3	299.6	49,200													110
115	55.7	288.1	43,900 *	60.0	294.4	48,500	62.5	297.1	46,300													115
120	53.7	284.5	41,100 *	58.2	291.3	45,800	60.7	294.4	43,700													120
130	49.6	276.4	36,300 *	54.3	284.5	41,000	57.0	288.2	39,100	61.2	292.4	35,900										130
140	45.3	267.1	32,200 *	50.3	276.7	37,000 *	53.1	281.1	35,200	57.4	286.4	32,300										140
150	40.6	256.2	28,800 *	46.0	267.6	32,800 *	48.9	272.9	31,900	53.5	279.4	29,200	57.8	283.4	26,500							150
160	35.4	243.2	25,800 *	41.3	257.0	29,300 *	44.5	263.3	29,000	49.5	271.3	26,500	53.9	276.6	24,000							160
170	29.3	227.2	23,200 *	36.2	244.3	26,300 *	39.7	252.1	26,500	45.1	262.0	24,100	49.9	268.6	21,800							170
180	21.8	205.9	20,900 *	30.3	228.8	23,600 *	34.4	238.7	24,200	40.4	251.0	22,000	45.5	259.4	19,800	50.1	264.6	17,700				180
190	9.9	169.7	17,100 *	23.1	208.6	21,300 *	28.2	222.0	22,200	35.1	237.9	20,200	40.8	248.6	18,100	45.8	255.5	16,100				190
200				12.4	176.6	19,100 *	20.3	199.4	20,400	29.0	221.7	18,500	35.7	235.7	16,500	41.1	244.8	14,700	45.9	250.2	12,800	200
210							5.8	154.8	17,600 *	21.5	200.1	16,900	29.7	219.8	15,100	36.0	232.0	13,300	41.2	239.5	11,600	210
220										9.0	162.3	15,500	22.3	199.0	13,800	30.1	216.4	12,200	36.1	226.9	10,500	220
230													10.9	164.5	12,600	22.8	195.9	11,000	30.2	211.3	9,500	230
240																11.9	163.1	10,000	23.0	191.0	8,600	240
250																			12.2	158.6	7,700	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	58,200																100
105	61.2	306.1	49,800 *	65.1	311.0	54,500	67.4	312.9	52,000													105
110	59.5	303.2	46,400 *	63.5	308.5	51,100	65.7	310.7	48,800													110
115	57.7	300.1	43,400 *	61.8	305.9	48,100	64.1	308.3	45,900													115
120	55.9	296.8	40,600 *	60.0	303.0	45,400	62.4	305.8	43,300													120
130	52.2	289.4	35,800 *	56.5	296.8	40,600	58.9	300.1	38,700	62.8	303.8	35,500										130
140	48.2	281.0	31,700 *	52.7	289.5	36,500 *	55.3	293.5	34,800	59.3	298.2	31,800										140
150	44.0	271.2	28,300 *	48.8	281.3	32,300 *	51.5	286.0	31,500	55.8	291.7	28,700										150
160	39.4	259.8	25,300 *	44.7	271.7	28,800 *	47.5	277.3	28,600	52.0	284.3	26,000	56.1	288.8	23,500							160
170	34.4	246.3	22,700 *	40.2	260.6	25,800 *	43.3	267.3	26,100	48.0	275.8	23,700	52.4	281.5	21,300							170
180	28.5	229.7	20,500 *	35.2	247.5	23,100 *	38.6	255.6	23,900	43.8	266.0	21,600	48.4	273.1	19,400	52.6	277.5	17,200				180
190	21.2	207.8	18,400 *	29.5	231.4	20,800 *	33.5	241.7	21,900	39.2	254.6	19,800	44.2	263.5	17,700	48.7	269.2	15,600				190
200	9.6	170.6	14,900 *	22.5	210.6	18,700 *	27.4	224.4	20,100	34.1	241.0	18,100	39.7	252.2	16,100	44.5	259.6	14,200				200
210				12.1	177.6	16,700 *	19.8	201.1	18,100 *	28.2	224.2	16,600	34.7	238.8	14,700	40.0	248.4	12,900	44.6	254.3	11,100	210
220							5.6	155.2	15,400 *	20.9	201.9	15,200	28.9	222.4	13,400	35.0	235.2	11,700	40.1	243.2	10,100	220
230										8.8	163.0	13,900	21.7	200.9	12,300	29.3	219.0	10,600	35.1	230.0	9,100	230
240													10.6	165.4	11,100	22.2	197.9	9,600	29.4	213.9	8,100	240
250																11.6	164.1	8,700	22.3	192.9	7,300	250
260																			11.8	159.6	6,400	260



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	48,300													110
115	59.5	311.8	42,500 *	63.3	317.2	47,700	65.5	319.4	45,400													115
120	57.8	308.8	40,100 *	61.7	314.5	45,000	63.9	317.0	42,800													120
130	54.4	301.9	35,200 *	58.3	308.7	40,200	60.6	311.7	38,200													130
140	50.7	294.2	31,200 *	54.9	302.0	35,900 *	57.3	305.6	34,400	61.0	309.8	31,300										140
150	46.9	285.3	27,700 *	51.3	294.4	31,800 *	53.8	298.6	31,000	57.7	303.8	28,200										150
160	42.8	275.1	24,800 *	47.5	285.7	28,300 *	50.1	290.7	28,200	54.2	296.9	25,600	58.0	300.8	23,000							160
170	38.4	263.3	22,200 *	43.5	275.7	25,200 *	46.3	281.6	25,600	50.6	289.1	23,200	54.6	294.0	20,800							170
180	33.5	249.3	19,900 *	39.1	264.2	22,600 *	42.1	271.2	23,400	46.7	280.2	21,100	50.9	286.3	18,900							180
190	27.8	232.2	17,900 *	34.2	250.6	20,300 *	37.6	259.1	21,400	42.6	269.9	19,300	47.1	277.5	17,200	51.2	282.3	15,100				190
200	20.7	209.6	16,100 *	28.7	234.0	18,200 *	32.6	244.6	19,600 *	38.2	258.1	17,600	43.1	267.4	15,600	47.4	273.6	13,700				200
210	9.4	171.3	12,900 *	21.9	212.5	16,400 *	26.7	226.8	17,600 *	33.2	244.0	16,100	38.6	255.7	14,200	43.3	263.6	12,400	47.4	268.3	10,600	210
220				11.8	178.6	14,600 *	19.3	202.8	15,800 *	27.5	226.6	14,800	33.7	241.9	13,000	38.9	252.0	11,200	43.4	258.3	9,500	220
230							5.4	155.7	13,400 *	20.3	203.7	13,500	28.1	224.9	11,800	34.1	238.3	10,100	39.0	246.8	8,500	230
240										8.5	163.8	12,300	21.1	202.7	10,700	28.5	221.6	9,100	34.2	233.1	7,600	240
250													10.3	166.3	9,700	21.6	199.8	8,200	28.6	216.5	6,800	250
260																11.3	165.1	7,300	21.8	194.8	6,000	260
270																			11.5	160.6	5,200	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	133,900 b																55
60	48.7	201.8	109,400 *	61.2	209.8	119,500 b	67.9	212.3	115,000 b													60
65	42.8	196.8	97,800 *	56.4	206.6	107,700 b	63.4	209.9	103,700 b													65
70	36.3	190.5	88,200 *	51.2	202.8	97,900	58.7	207.0	94,300 b													70
75	28.4	182.3	80,200 *	45.7	198.2	89,700	53.7	203.5	86,300 b													75
80	17.3	169.8	73,400 *	39.5	192.6	82,600	48.4	199.3	79,500	60.7	205.5	74,300 b										80
85				32.3	185.4	76,400	42.5	194.2	73,600	55.8	202.2	68,800 b										85
90				23.2	175.4	71,000	35.9	187.8	68,400	50.6	198.4	64,000										90
95				5.1	153.9	66,000	27.9	179.4	63,800	45.0	193.7	59,700	57.6	199.6	55,600 b							95
100							16.5	166.5	59,700	38.8	187.9	55,900	52.5	196.0	52,100							100
105										31.4	180.5	52,500	47.1	191.6	48,900							105
110										22.0	170.1	49,400	41.1	186.3	46,000							110
115													34.2	179.5	43,400	48.7	188.1	40,200				115
120													25.8	170.5	41,000	42.9	183.0	38,000				120
130																28.4	168.6	34,100	44.0	178.3	31,500	130
140																			30.1	164.5	28,400	140



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	133,500 b																55
60	54.8	214.7	110,000 *	65.1	221.1	119,000 b																60
65	50.2	210.8	98,300 *	61.1	218.4	107,300 b	67.0	221.0	103,200 b													65
70	45.3	206.1	88,600 *	56.8	215.3	97,500	63.0	218.5	93,800 b													70
75	39.9	200.4	80,600 *	52.4	211.6	89,300	58.9	215.7	85,900													75
80	33.8	193.5	73,700 *	47.7	207.3	82,300	54.5	212.3	79,100													80
85	26.4	184.6	67,900 *	42.5	202.1	76,100	49.9	208.3	73,200	60.6	214.1	68,300 b										85
90	16.1	171.1	62,700 *	36.8	195.9	70,800	45.0	203.5	68,100	56.4	210.9	63,500										90
95				30.1	188.1	66,100	39.6	197.8	63,500	51.9	207.2	59,200										95
100				21.6	177.3	61,800	33.4	190.8	59,500	47.1	202.8	55,500	57.9	208.3	51,500							100
105				4.7	154.2	57,800	26.0	181.7	55,800	41.9	197.5	52,100	53.5	204.8	48,300							105
110							15.4	167.8	52,500	36.1	191.2	49,000	48.9	200.6	45,500							110
115										29.3	183.1	46,300	43.8	195.7	42,900							115
120										20.5	171.8	43,700	38.3	189.8	40,600	50.2	197.0	37,500				120
130													24.0	172.6	36,400	39.9	186.7	33,600				130
140																26.5	170.9	30,300	41.0	182.0	27,900	140
150																			28.0	167.0	25,200	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	
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	118,600 b																60
65	55.4	223.4	98,600 *	64.6	229.7	106,900 b																65
70	51.4	219.6	88,900 *	60.9	227.1	97,200	66.2	229.7	93,300 b													70
75	47.1	215.2	80,800 *	57.2	224.0	88,900	62.7	227.2	85,400													75
80	42.5	210.0	73,900 *	53.3	220.4	81,900	59.0	224.3	78,700													80
85	37.5	203.9	68,000 *	49.2	216.3	75,800	55.2	221.0	72,800													85
90	31.8	196.4	62,900 *	44.7	211.5	70,500	51.1	217.1	67,700	60.5	222.8	63,000										90
95	24.9	186.8	58,300 *	39.9	205.8	65,800	46.9	212.6	63,200	56.8	219.6	58,800										95
100	15.2	172.4	54,300 *	34.6	199.0	61,600	42.3	207.4	59,200	52.8	216.0	55,100										100
105				28.3	190.6	57,900	37.2	201.2	55,600	48.7	211.8	51,700										105
110				20.3	179.1	54,500	31.4	193.7	52,300	44.2	206.9	48,700	54.3	213.5	45,000							110
115				4.3	154.5	51,200	24.4	183.9	49,400	39.4	201.2	45,900	50.2	209.5	42,500							115
120							14.4	169.0	46,600	33.9	194.2	43,400	45.9	204.9	40,200							120
130										19.2	173.5	39,000	36.0	193.0	36,100	47.1	201.4	33,200				130
140													22.6	174.6	32,600	37.5	190.1	30,000	48.0	196.5	27,400	140
150																24.9	173.1	27,100	38.5	185.6	24,800	150
160																			26.4	169.3	22,500	160



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	118,200 b																60
65	59.3	235.4	99,200 *	67.3	240.8	106,500																65
70	55.9	232.2	89,300 *	64.1	238.4	96,700																70
75	52.3	228.4	81,100 *	60.8	235.7	88,500	65.6	238.4	84,900													75
80	48.5	224.2	74,100 *	57.5	232.7	81,500	62.4	235.9	78,200													80
85	44.5	219.3	68,100 *	54.0	229.2	75,400	59.1	233.0	72,300													85
90	40.2	213.7	62,900 *	50.3	225.2	70,100	55.7	229.7	67,200													90
95	35.5	207.1	58,400 *	46.4	220.6	65,400	52.1	225.9	62,700	60.5	231.4	58,200										95
100	30.1	199.1	54,400 *	42.3	215.4	61,300	48.3	221.7	58,700	57.1	228.3	54,500										100
105	23.5	188.9	50,700 *	37.8	209.3	57,600	44.3	216.8	55,200	53.6	224.8	51,200										105
110	14.3	173.6	47,500 *	32.7	202.0	54,200	40.0	211.1	51,900	49.9	220.7	48,200										110
115				26.8	193.0	51,100	35.2	204.4	49,000	46.0	216.1	45,400	54.9	222.3	41,900							115
120				19.2	180.8	48,300	29.7	196.3	46,300	41.8	210.8	43,000	51.3	218.4	39,600							120
130							13.6	170.2	41,600	32.1	197.1	38,600	43.4	208.9	35,600	52.3	214.7	32,600				130
140										18.2	175.1	34,800	34.0	196.1	32,100	44.5	205.6	29,400				140
150													21.4	176.5	29,100	35.5	193.4	26,600	45.3	200.7	24,200	150
160																23.6	175.2	24,200	36.4	188.9	22,000	160
170																24.9	171.5	20,000	24.9	171.5	20,000	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	106,000																65
70	59.3	244.1	91,400 *	66.6	249.5	96,300																70
75	56.2	240.9	82,900 *	63.7	247.1	88,100	68.0	249.3	84,400													75
80	53.0	237.2	75,800 *	60.8	244.4	81,000	65.1	247.1	77,700													80
85	49.7	233.1	69,700 *	57.7	241.3	75,000	62.2	244.5	71,800													85
90	46.1	228.5	64,300 *	54.6	237.9	69,700	59.2	241.7	66,800													90
95	42.3	223.2	59,700 *	51.3	234.0	65,000	56.1	238.4	62,300													95
100	38.2	217.2	55,600 *	47.8	229.7	60,900	52.8	234.7	58,300	60.4	240.1	54,000										100
105	33.7	210.1	51,900 *	44.1	224.7	57,200	49.5	230.6	54,700	57.4	237.0	50,700										105
110	28.6	201.6	48,600 *	40.2	219.1	53,800	45.9	225.9	51,500	54.2	233.5	47,700										110
115	22.4	190.8	45,600 *	35.9	212.5	50,800	42.1	220.6	48,600	50.9	229.6	45,000										115
120	13.6	174.8	42,300 *	31.1	204.8	48,000	38.0	214.6	46,000	47.4	225.2	42,500	55.4	231.0	39,100							120
130				18.3	182.3	43,100	28.3	198.8	41,300	39.8	214.4	38,200	48.7	223.0	35,100							130
140							13.0	171.3	37,300	30.5	199.8	34,500	41.2	212.7	31,700	49.7	219.4	28,900				140
150										17.3	176.6	31,300	32.4	199.0	28,700	42.3	209.5	26,200				150
160													20.3	178.2	26,100	33.8	196.4	23,800	43.1	204.7	21,500	160
170																22.4	177.1	21,700	34.7	192.0	19,500	170
180																			23.7	173.6	17,800	180



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	95,800																70
75	59.4	252.7	82,600 *	66.1	258.2	87,600																75
80	56.6	249.5	75,400 *	63.4	255.8	80,600	67.3	258.1	77,200													80
85	53.6	246.0	69,300 *	60.7	253.1	74,500	64.7	255.8	71,300													85
90	50.6	242.0	63,900 *	57.9	250.0	69,300	62.0	253.2	66,300													90
95	47.4	237.6	59,300 *	55.0	246.6	64,600	59.2	250.3	61,800													95
100	44.0	232.6	55,100 *	52.0	242.8	60,500	56.4	247.1	57,800													100
105	40.4	226.9	51,500 *	48.9	238.6	56,700	53.5	243.5	54,300	60.4	248.8	50,100										105
110	36.5	220.5	48,200 *	45.6	233.9	53,400	50.4	239.5	51,100	57.6	245.7	47,100										110
115	32.2	213.0	45,200 *	42.1	228.6	50,400	47.2	235.0	48,200	54.7	242.3	44,400										115
120	27.3	204.1	42,500 *	38.4	222.6	47,700	43.8	230.0	45,500	51.7	238.4	42,000										120
130	13.0	175.9	37,200 *	29.7	207.4	42,800	36.3	217.8	40,900	45.3	229.4	37,700	52.8	236.0	34,500							130
140				17.5	183.9	38,700	27.0	201.2	37,000	38.0	217.9	34,000	46.5	227.3	31,100							140
150							12.4	172.3	33,500	29.2	202.5	30,900	39.4	216.3	28,200	47.4	223.8	25,600				150
160										16.6	178.0	28,100	30.9	201.8	25,700	40.4	213.2	23,200	48.0	218.9	20,900	160
170													19.4	179.9	23,400	32.3	199.3	21,200	41.1	208.5	19,000	170
180																21.4	179.0	19,300	33.1	195.0	17,300	180
190																			22.7	175.6	15,700	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	95,500																70
75	62.0	264.3	83,100 *	68.0	269.1	87,300																75
80	59.4	261.4	75,800 *	65.6	266.9	80,300																80
85	56.8	258.2	69,600 *	63.2	264.4	74,300	66.8	266.8	71,100													85
90	54.1	254.7	64,200 *	60.7	261.7	69,000	64.3	264.5	66,000													90
95	51.3	250.8	59,500 *	58.1	258.7	64,300	61.8	261.9	61,500													95
100	48.4	246.5	55,300 *	55.4	255.3	60,200	59.3	259.0	57,500													100
105	45.4	241.8	51,600 *	52.7	251.6	56,500	56.7	255.8	54,000	62.9	260.2	49,800										105
110	42.2	236.5	48,300 *	49.8	247.5	53,200	54.0	252.3	50,800	60.4	257.4	46,900										110
115	38.7	230.5	45,300 *	46.9	243.0	50,200	51.2	248.3	47,900	57.8	254.4	44,200										115
120	35.0	223.7	42,500 *	43.7	238.0	47,500	48.3	244.0	45,300	55.1	251.0	41,700										120
130	26.2	206.4	37,800 *	36.8	225.9	42,700	42.0	233.9	40,700	49.5	243.1	37,400	56.1	248.4	34,200							130
140	12.5	177.0	33,200 *	28.5	210.0	38,600	34.8	221.0	36,800	43.4	233.4	33,800	50.6	240.8	30,900							140
150				16.8	185.3	34,700 *	25.9	203.5	33,400	36.4	221.2	30,700	44.5	231.5	28,000	51.4	237.1	25,300				150
160							11.9	173.3	30,400	28.0	204.9	28,000	37.7	219.8	25,500	45.4	228.0	23,000				160
170										15.9	179.4	25,500	29.7	204.4	23,200	38.8	216.8	20,900	46.0	223.2	18,700	170
180													18.6	181.5	21,200	30.9	202.1	19,100	39.4	212.1	17,000	180
190																20.6	180.8	17,500	31.8	197.8	15,500	190
200																		14,200	21.8	177.5	14,200	200



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	86,900																75
80	61.8	272.9	75,400 *	67.5	277.8	79,900																80
85	59.5	270.1	69,200 *	65.2	275.6	73,800																85
90	57.1	266.9	63,800 *	62.9	273.1	68,600	66.3	275.5	65,500													90
95	54.6	263.5	59,000 *	60.6	270.4	63,900	64.0	273.2	61,000													95
100	52.0	259.7	54,800 *	58.2	267.4	59,800	61.7	270.5	57,100													100
105	49.3	255.5	51,100 *	55.8	264.0	56,100	59.3	267.6	53,500													105
110	46.6	250.9	47,800 *	53.2	260.4	52,800	56.9	264.5	50,300	62.7	268.9	46,300										110
115	43.6	245.8	44,800 *	50.6	256.4	49,800	54.4	261.0	47,500	60.3	266.1	43,600										115
120	40.6	240.2	42,100 *	47.9	252.0	47,000	51.9	257.2	44,800	57.9	263.0	41,200										120
130	33.7	226.7	37,400 *	42.0	241.8	42,300	46.4	248.4	40,300	52.9	256.0	36,900										130
140	25.2	208.6	33,400 *	35.4	229.1	38,200	40.4	237.6	36,400	47.6	247.5	33,300	53.9	253.5	30,300							140
150	12.0	178.0	29,400 *	27.4	212.4	34,300 *	33.5	224.0	33,000	41.7	237.2	30,200	48.6	245.3	27,400							150
160				16.1	186.7	30,700 *	24.9	205.7	30,100	35.0	224.3	27,500	42.8	235.4	24,900	49.4	241.7	22,400				160
170							11.4	174.3	27,500	26.9	207.3	25,100	36.3	223.1	22,700	43.7	232.1	20,400				170
180										15.3	180.7	23,000	28.5	207.0	20,800	37.3	220.1	18,600	44.2	227.3	16,500	180
190													17.9	183.1	19,000	29.8	204.7	17,000	37.9	215.6	15,000	190
200																19.8	182.5	15,500	30.6	200.6	13,600	200
210																			20.9	179.3	12,400	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	79,400																80
85	61.7	281.6	69,800 *	67.0	286.6	73,400																85
90	59.5	278.7	64,300 *	64.9	284.3	68,100	68.0	286.4	65,000													90
95	57.3	275.6	59,500 *	62.7	281.8	63,500	65.9	284.2	60,500													95
100	54.9	272.2	55,300 *	60.6	279.0	59,300	63.8	281.8	56,600													100
105	52.6	268.4	51,500 *	58.3	276.0	55,700	61.6	279.2	53,100													105
110	50.1	264.4	48,200 *	56.1	272.7	52,300	59.4	276.3	49,900													110
115	47.5	259.9	45,100 *	53.7	269.2	49,300	57.1	273.2	47,000	62.5	277.5	43,100										115
120	44.9	255.0	42,400 *	51.3	265.3	46,600	54.8	269.7	44,400	60.3	274.7	40,700										120
130	39.1	243.7	37,600 *	46.2	256.3	41,900	50.0	261.9	39,800	55.8	268.4	36,400										130
140	32.5	229.6	33,600 *	40.5	245.5	37,800	44.7	252.5	35,900	51.0	260.8	32,800	56.6	265.8	29,800							140
150	24.3	210.8	30,100 *	34.2	232.2	34,300	38.9	241.1	32,600	45.9	251.8	29,800	51.9	258.4	26,900							150
160	11.6	179.0	25,300 *	26.5	214.8	30,900 *	32.3	226.9	29,700	40.2	240.9	27,100	46.8	249.7	24,500	52.6	254.7	21,900				160
170				15.6	188.1	27,800 *	24.1	207.9	27,200	33.8	227.4	24,700	41.3	239.2	22,300	47.6	246.2	19,900				170
180							11.0	175.2	24,900	26.0	209.6	22,600	35.0	226.2	20,300	42.1	236.0	18,100				180
190										14.7	182.0	20,700	27.5	209.4	18,600	36.0	223.4	16,500	42.6	231.2	14,500	190
200													17.3	184.6	17,000	28.7	207.3	15,100	36.6	218.9	13,200	200
210																19.1	184.2	13,700	29.5	203.2	12,000	210
220																			20.2	181.1	10,800	220



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	79,000																80
85	63.6	292.9	70,000 *	68.5	297.4	72,900																85
90	61.6	290.3	64,500 *	66.6	295.3	67,700																90
95	59.5	287.4	59,600 *	64.6	293.0	63,000	67.5	295.2	60,000													95
100	57.4	284.3	55,300 *	62.6	290.5	58,900	65.5	292.9	56,100													100
105	55.3	280.9	51,400 *	60.5	287.7	55,200	63.5	290.5	52,600													105
110	53.1	277.2	48,000 *	58.4	284.7	51,900	61.5	287.9	49,400													110
115	50.8	273.2	44,900 *	56.3	281.4	48,900	59.4	285.0	46,500													115
120	48.4	268.9	42,100 *	54.1	277.9	46,200	57.3	281.8	43,900	62.4	286.2	40,200										120
130	43.4	259.0	37,300 *	49.5	269.9	41,400	52.9	274.7	39,400	58.2	280.4	35,900										130
140	37.8	247.2	33,200 *	44.6	260.4	37,400	48.3	266.4	35,500	53.9	273.5	32,300										140
150	31.4	232.4	29,800 *	39.2	249.1	33,900	43.2	256.5	32,200	49.3	265.5	29,300	54.7	271.0	26,400							150
160	23.5	212.8	26,800 *	33.0	235.2	30,600 *	37.6	244.6	29,300	44.3	255.9	26,600	50.1	263.2	23,900							160
170	11.2	179.9	22,400 *	25.6	217.0	27,500 *	31.2	229.7	26,800	38.9	244.4	24,200	45.2	253.9	21,700	50.8	259.5	19,300				170
180				15.1	189.4	24,700 *	23.3	209.9	24,500	32.7	230.3	22,200	39.9	242.8	19,800	45.9	250.5	17,500				180
190							10.6	176.1	22,400	25.1	211.9	20,300	33.9	229.3	18,100	40.7	239.7	16,000	46.4	245.6	13,900	190
200										14.2	183.2	18,600	26.6	211.8	16,600	34.8	226.5	14,500	41.2	235.0	12,600	200
210													16.7	186.1	15,100	27.8	209.8	13,300	35.4	222.1	11,400	210
220																18.5	185.8	12,100	28.5	205.8	10,300	220
230																			19.5	182.8	9,300	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	72,600																85
90	63.4	301.6	64,200 *	68.0	306.2	67,300																90
95	61.5	298.9	59,300 *	66.2	304.0	62,700																95
100	59.6	296.1	55,000 *	64.3	301.7	58,600	67.0	303.9	55,800													100
105	57.6	293.0	51,100 *	62.4	299.1	54,900	65.2	301.6	52,300													105
110	55.6	289.6	47,700 *	60.5	296.4	51,600	63.3	299.2	49,100													110
115	53.5	286.0	44,600 *	58.5	293.4	48,600	61.4	296.5	46,200													115
120	51.3	282.1	41,800 *	56.5	290.1	45,900	59.5	293.6	43,600													120
130	46.9	273.3	37,000 *	52.4	282.9	41,200	55.4	287.1	39,100	60.3	292.1	35,600										130
140	42.0	262.9	32,900 *	47.9	274.4	37,100	51.2	279.6	35,200	56.3	285.8	32,000										140
150	36.6	250.5	29,500 *	43.2	264.4	33,700	46.7	270.7	31,900	52.1	278.5	29,000	57.0	283.1	26,100							150
160	30.5	235.2	26,500 *	38.0	252.6	30,200 *	41.9	260.3	29,100	47.7	269.9	26,300	52.9	276.0	23,600							160
170	22.8	214.8	23,800 *	32.0	238.0	27,200 *	36.5	247.9	26,500	42.9	259.9	24,000	48.5	267.7	21,500							170
180	10.9	180.9	19,900 *	24.8	219.2	24,500 *	30.3	232.4	24,300	37.6	247.9	21,900	43.8	257.9	19,600	49.1	264.1	17,300				180
190				14.6	190.6	22,100 *	22.6	211.9	22,300	31.6	233.2	20,100	38.6	246.4	17,900	44.5	254.6	15,700				190
200							10.3	177.0	20,500	24.4	214.0	18,400	32.8	232.2	16,300	39.4	243.3	14,300	45.0	249.7	12,300	200
210										13.8	184.4	16,900	25.8	214.1	14,900	33.7	229.6	13,000	39.9	238.6	11,100	210
220													16.2	187.5	13,600	26.9	212.2	11,800	34.3	225.2	10,100	220
230																17.9	187.4	10,800	27.6	208.2	9,100	230
240																			18.9	184.5	8,200	240



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	66,900																90
95	63.2	310.3	58,700 *	67.6	314.9	62,300																95
100	61.4	307.6	54,400 *	65.8	312.7	58,100																100
105	59.6	304.7	50,600 *	64.1	310.4	54,500	66.7	312.6	51,800													105
110	57.7	301.6	47,200 *	62.3	307.8	51,200	64.9	310.3	48,600													110
115	55.8	298.3	44,100 *	60.5	305.0	48,200	63.1	307.9	45,700													115
120	53.9	294.7	41,300 *	58.6	302.0	45,500	61.3	305.2	43,100													120
130	49.8	286.7	36,400 *	54.8	295.4	40,700	57.6	299.2	38,600	62.1	303.5	35,100										130
140	45.4	277.5	32,400 *	50.8	287.6	36,700	53.7	292.3	34,800	58.4	297.7	31,500										140
150	40.8	266.6	28,900 *	46.5	278.7	33,300	49.7	284.2	31,500	54.6	291.0	28,500										150
160	35.5	253.7	25,900 *	41.9	268.3	29,700 *	45.3	274.9	28,600	50.5	283.2	25,800	55.3	288.4	23,100							160
170	29.6	237.8	23,300 *	36.8	255.9	26,600 *	40.6	264.0	26,100	46.3	274.2	23,500	51.3	280.9	20,900							170
180	22.1	216.8	21,000 *	31.1	240.8	23,900 *	35.4	251.1	23,900	41.6	263.7	21,400	47.0	272.1	19,000	51.9	277.1	16,700				180
190	10.5	181.8	17,500 *	24.1	221.3	21,600 *	29.4	235.0	21,900	36.5	251.2	19,600	42.5	261.9	17,400	47.7	268.6	15,100				190
200				14.2	191.8	19,500 *	21.9	213.8	20,100	30.7	235.9	18,000	37.5	249.8	15,800	43.2	258.6	13,700				200
210							10.0	177.9	18,400	23.7	216.1	16,500	31.8	235.1	14,500	38.2	246.8	12,500	43.6	253.7	10,600	210
220										13.4	185.5	15,100	25.1	216.3	13,200	32.7	232.5	11,300	38.7	242.1	9,500	220
230													15.7	188.8	12,000	26.1	214.5	10,300	33.3	228.2	8,600	230
240																17.4	188.9	9,300	26.8	210.6	7,700	240
250																			18.4	186.1	6,800	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	57,700																100
105	61.4	316.3	50,100 *	65.5	321.4	54,100	68.0	323.5	51,300													105
110	59.6	313.4	46,700 *	63.9	319.0	50,800	66.3	321.3	48,200													110
115	57.8	310.3	43,600 *	62.2	316.5	47,800	64.7	319.0	45,300													115
120	56.0	307.0	40,800 *	60.4	313.7	45,100	63.0	316.5	42,700													120
130	52.3	299.7	35,900 *	56.9	307.5	40,300	59.5	311.0	38,200													130
140	48.4	291.3	31,900 *	53.2	300.4	36,300	55.9	304.5	34,300	60.3	309.4	31,100										140
150	44.2	281.6	28,400 *	49.3	292.3	32,800 *	52.2	297.2	31,100	56.7	303.2	28,000										150
160	39.6	270.3	25,400 *	45.2	282.9	29,200 *	48.2	288.7	28,200	53.0	296.0	25,400	57.3	300.5	22,600							160
170	34.6	256.8	22,800 *	40.7	272.0	26,100 *	44.0	279.0	25,700	49.1	287.8	23,100	53.7	293.5	20,500							170
180	28.7	240.4	20,500 *	35.8	259.1	23,400 *	39.5	267.7	23,500	44.9	278.4	21,000	49.8	285.5	18,600							180
190	21.5	218.7	18,500 *	30.2	243.5	21,100 *	34.4	254.2	21,500	40.5	267.4	19,200	45.7	276.3	16,900	50.4	281.9	14,700				190
200	10.2	182.6	15,300 *	23.4	223.4	19,000 *	28.6	237.6	19,800	35.5	254.4	17,600	41.3	265.6	15,400	46.3	272.9	13,300				200
210				13.8	193.0	17,100 *	21.3	215.7	18,100	29.9	238.6	16,100	36.5	253.1	14,000	41.9	262.4	12,000	46.7	267.9	10,100	210
220							9.7	178.7	16,600	23.0	218.1	14,700	31.0	237.9	12,800	37.2	250.1	10,900	42.4	257.6	9,100	220
230										13.0	186.7	13,400	24.4	218.5	11,600	31.8	235.4	9,900	37.7	245.6	8,100	230
240													15.3	190.2	10,600	25.4	216.7	8,900	32.3	231.1	7,200	240
250																16.9	190.3	8,000	26.1	212.9	6,400	250
260																			17.9	187.6	5,700	260



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	50,300	67.6	332.2	47,700													110
115	59.6	322.0	42,700 *	63.7	327.7	47,300	66.0	330.1	44,800													115
120	58.0	319.0	40,200 *	62.1	325.1	44,600	64.4	327.7	42,200													120
130	54.5	312.2	35,400 *	58.8	319.4	39,900	61.2	322.5	37,700													130
140	50.9	304.5	31,300 *	55.3	312.8	35,900	57.9	316.5	33,900	61.9	320.9	30,500										140
150	47.1	295.6	27,900 *	51.7	305.3	32,200 *	54.4	309.7	30,600	58.6	315.0	27,500										150
160	43.0	285.5	24,900 *	48.0	296.7	28,700 *	50.8	302.0	27,700	55.1	308.4	24,900										160
170	38.6	273.8	22,300 *	44.0	287.0	25,600 *	46.9	293.1	25,300	51.5	300.9	22,600	55.8	305.8	19,900							170
180	33.7	259.9	20,000 *	39.6	275.6	22,900 *	42.9	283.0	23,100	47.8	292.3	20,500	52.2	298.5	18,000							180
190	28.0	242.9	18,000 *	34.9	262.3	20,500 *	38.4	271.1	21,100	43.7	282.4	18,700	48.5	290.1	16,400	52.7	294.7	14,100				190
200	21.0	220.5	16,100 *	29.4	246.2	18,400 *	33.5	257.2	19,300	39.4	271.0	17,100	44.5	280.4	14,900	49.0	286.5	12,700				200
210	10.0	183.5	13,200 *	22.8	225.4	16,600 *	27.8	240.1	17,700	34.6	257.5	15,600	40.2	269.3	13,500	45.1	277.0	11,500				210
220				13.4	194.2	14,900 *	20.7	217.5	16,100 *	29.1	241.2	14,300	35.5	256.3	12,300	40.8	266.2	10,400	45.5	272.2	8,500	220
230							9.5	179.5	14,500 *	22.4	220.1	13,000	30.1	240.5	11,200	36.2	253.4	9,300	41.2	261.4	7,600	230
240										12.7	187.8	11,900	23.7	220.6	10,100	31.0	238.1	8,400	36.7	248.9	6,700	240
250													14.9	191.4	9,100	24.7	218.9	7,500	31.5	233.9	5,900	250
260																16.5	191.8	6,700	25.4	215.2	5,200	260
270																			17.4	189.2	4,400	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	133,100 b																55
60	49.0	212.1	110,300 *	62.4	220.4	118,700 b																60
65	43.3	207.2	98,500 *	57.6	217.4	107,000 b	65.0	220.6	102,600 b													65
70	36.8	201.0	88,800 *	52.5	213.7	97,300 b	60.4	217.9	93,300 b													70
75	29.0	192.9	80,700 *	47.1	209.3	89,100	55.5	214.6	85,400 b													75
80	18.3	180.9	73,900 *	41.1	204.0	82,100	50.3	210.7	78,700													80
85				34.2	197.2	75,900	44.6	205.9	72,800	58.4	213.6	67,600 b										85
90				25.7	188.2	70,600	38.3	200.1	67,700	53.4	210.1	62,900 b										90
95				12.5	172.8	65,700	30.9	192.5	63,200	48.0	205.9	58,700										95
100							21.2	181.8	59,100	42.1	200.7	54,900	56.0	208.0	50,700 b							100
105										35.4	194.2	51,600	50.9	204.1	47,600							105
110										27.3	185.7	48,500	45.3	199.4	44,800							110
115										15.5	172.2	45,700	39.1	193.7	42,300							115
120													31.8	186.4	40,000	47.8	196.4	36,700				120
130																35.2	184.7	32,900				130
140																15.0	162.3	29,600	37.6	180.9	27,000	140
150																20.0	161.9	24,400	20.0	161.9	24,400	150



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	132,600 b																55
60	55.1	225.0	111,600 *	66.1	231.6	118,300 b																60
65	50.5	221.0	99,600 *	62.1	229.0	106,600 b																65
70	45.6	216.4	89,700 *	57.9	226.0	96,900 b	64.4	229.3	92,800 b													70
75	40.3	210.9	81,500 *	53.5	222.5	88,700	60.3	226.6	84,900 b													75
80	34.3	204.1	74,500 *	48.8	218.3	81,700	56.1	223.4	78,200													80
85	27.0	195.3	68,500 *	43.8	213.4	75,600	51.6	219.6	72,400	62.7	225.2	67,000 b										85
90	17.1	182.4	63,300 *	38.3	207.5	70,300	46.8	215.1	67,300	58.6	222.3	62,300 b										90
95				31.9	200.1	65,600	41.5	209.8	62,800	54.2	218.9	58,200										95
100				24.0	190.3	61,400	35.7	203.3	58,800	49.6	214.8	54,500										100
105				11.6	173.8	57,600	28.8	195.1	55,200	44.7	210.0	51,100	56.5	216.7	47,000							105
110							19.7	183.5	52,000	39.2	204.3	48,100	52.1	212.9	44,300							110
115										33.0	197.2	45,400	47.3	208.6	41,800							115
120										25.4	187.9	42,900	42.2	203.3	39,500							120
130													29.6	189.1	35,400	44.5	200.6	32,300				130
140																32.8	187.7	29,200	46.3	196.1	26,400	140
150																14.0	163.5	26,400	35.1	184.1	23,900	150
160																			18.6	163.5	21,700	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	117,800 b																60
65	55.6	233.7	99,900 *	65.4	240.3	106,200 b																65
70	51.7	229.9	90,000 *	61.8	237.7	96,500	67.4	240.3	92,300 b													70
75	47.4	225.5	81,700 *	58.1	234.7	88,300	63.9	238.0	84,500 b													75
80	42.9	220.4	74,700 *	54.3	231.3	81,400	60.3	235.2	77,800													80
85	37.9	214.3	68,700 *	50.2	227.3	75,300	56.5	232.0	72,000													85
90	32.2	207.0	63,400 *	45.8	222.6	70,000	52.6	228.4	67,000	62.4	233.9	61,800										90
95	25.4	197.6	58,800 *	41.1	217.2	65,400	48.4	224.1	62,500	58.7	231.0	57,700										95
100	16.0	183.7	54,700 *	35.9	210.7	61,200	43.9	219.2	58,500	54.9	227.6	54,000										100
105				30.0	202.8	57,500	39.0	213.4	55,000	50.9	223.7	50,700										105
110				22.5	192.3	54,100	33.5	206.3	51,700	46.6	219.2	47,700	56.9	225.3	43,800							110
115				10.9	174.7	51,000	27.0	197.5	48,800	41.9	213.9	45,100	53.0	221.7	41,300							115
120							18.5	185.1	46,100	36.8	207.6	42,600	48.9	217.6	39,000							120
130										23.9	190.0	38,300	39.6	207.0	35,100	50.7	214.3	31,900				130
140													27.9	191.5	31,600	41.8	204.5	28,800				140
150																30.8	190.4	26,100	43.5	200.2	23,500	150
160																13.1	164.6	23,600	33.0	187.1	21,300	160
170																			17.5	165.0	19,400	170



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	105,700 b																65
70	56.1	242.4	89,900 *	64.9	249.0	96,100																70
75	52.5	238.7	81,600 *	61.7	246.4	87,900	66.7	249.0	84,000													75
80	48.8	234.5	74,600 *	58.3	243.4	80,900	63.5	246.6	77,300													80
85	44.8	229.7	68,500 *	54.9	240.0	74,900	60.2	243.9	71,500													85
90	40.5	224.1	63,300 *	51.2	236.1	69,600	56.9	240.7	66,500													90
95	35.8	217.6	58,700 *	47.4	231.7	65,000	53.3	237.2	62,000	62.2	242.6	57,100										95
100	30.5	209.7	54,600 *	43.3	226.6	60,800	49.6	233.1	58,100	58.9	239.7	53,500										100
105	24.0	199.7	51,000 *	38.9	220.8	57,100	45.7	228.4	54,500	55.4	236.3	50,200										105
110	15.2	185.0	47,700 *	34.0	213.8	53,800	41.5	223.0	51,300	51.8	232.5	47,200										110
115				28.3	205.3	50,800	36.9	216.7	48,400	48.1	228.2	44,500	57.3	234.0	40,700							115
120				21.3	194.1	48,000	31.7	209.2	45,800	44.0	223.3	42,100	53.7	230.5	38,400							120
130							17.5	186.6	41,100	34.8	210.8	37,800	46.2	221.9	34,500							130
140										22.6	192.0	34,200	37.4	210.4	31,200	47.9	218.8	28,200				140
150													26.4	193.9	28,200	39.5	208.1	25,500				150
160																29.2	193.0	23,200	41.1	203.9	20,700	160
170																12.4	165.6	21,100	31.2	189.9	18,900	170
180																			16.6	166.5	17,100	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	105,200 b																65
70	59.6	254.3	92,700 *	67.3	259.9	95,600																70
75	56.5	251.1	84,100 *	64.4	257.6	87,400																75
80	53.2	247.5	76,700 *	61.5	255.0	80,500	66.1	257.8	76,800													80
85	49.9	243.4	70,500 *	58.5	252.0	74,500	63.2	255.3	71,000													85
90	46.4	238.8	65,000 *	55.3	248.7	69,200	60.2	252.5	66,000													90
95	42.6	233.6	60,300 *	52.1	244.9	64,600	57.2	249.4	61,600													95
100	38.5	227.6	56,100 *	48.7	240.7	60,400	54.0	245.9	57,600	62.0	251.2	52,900										100
105	34.1	220.7	52,400 *	45.1	235.9	56,700	50.6	241.9	54,100	59.0	248.3	49,700										105
110	29.0	212.3	49,000 *	41.2	230.4	53,400	47.2	237.5	50,900	55.9	245.0	46,700										110
115	22.9	201.7	46,000 *	37.0	224.1	50,400	43.4	232.4	48,000	52.6	241.3	44,100										115
120	14.4	186.3	42,100 *	32.3	216.7	47,700	39.5	226.6	45,400	49.2	237.2	41,600	57.5	242.7	37,900							120
130				20.3	195.9	42,800	30.2	211.9	40,800	41.8	227.1	37,400	51.0	235.3	34,000							130
140							16.7	188.0	36,800	33.1	213.8	33,800	43.9	225.9	30,700	52.5	231.9	27,600				140
150										21.5	193.9	30,600	35.6	213.6	27,800	45.6	223.1	25,000				150
160													25.1	196.1	25,300	37.6	211.5	22,700	46.8	218.5	20,200	160
170																27.8	195.5	20,700	39.1	207.5	18,400	170
180																11.8	166.6	18,800	29.7	192.5	16,700	180
190																			15.8	167.8	15,200	190



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	95,100																70
75	59.6	263.0	83,700 *	66.7	268.7	87,000																75
80	56.8	259.8	76,400 *	64.1	266.3	80,000																80
85	53.8	256.2	70,100 *	61.4	263.7	74,000	65.6	266.5	70,500													85
90	50.8	252.3	64,700 *	58.6	260.7	68,700	62.9	264.0	65,500													90
95	47.6	247.9	59,900 *	55.7	257.4	64,100	60.2	261.2	61,100													95
100	44.3	242.9	55,700 *	52.8	253.7	60,000	57.4	258.1	57,100													100
105	40.7	237.3	52,000 *	49.7	249.6	56,300	54.5	254.6	53,600	61.8	259.9	49,100										105
110	36.8	231.0	48,600 *	46.4	245.0	53,000	51.5	250.8	50,400	59.1	257.0	46,200										110
115	32.5	223.6	45,600 *	43.0	239.9	50,000	48.3	246.5	47,600	56.2	253.7	43,500										115
120	27.7	214.7	42,900 *	39.3	234.0	47,300	45.0	241.7	45,000	53.3	250.1	41,100										120
130	13.8	187.4	37,000 *	30.9	219.5	42,500	37.7	230.1	40,400	47.0	241.6	36,900	54.8	248.0	33,400							130
140				19.4	197.6	38,400	28.8	214.4	36,500	40.0	230.8	33,300	48.7	239.9	30,100							140
150							15.9	189.4	33,100	31.7	216.6	30,200	41.9	229.8	27,300	50.1	236.7	24,400				150
160										20.6	195.7	27,500	34.0	216.7	24,800	43.5	227.1	22,100				160
170													24.0	198.2	22,600	35.9	214.8	20,100	44.7	222.7	17,700	170
180																26.5	197.9	18,400	37.3	210.9	16,100	180
190																11.2	167.6	16,700	28.4	195.0	14,700	190
200																			15.0	169.1	13,300	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	94,800																70
75	62.2	274.5	83,700 *	68.6	279.5	86,700																75
80	59.6	271.6	76,300 *	66.2	277.4	79,700																80
85	57.0	268.5	70,000 *	63.8	275.0	73,700	67.6	277.4	70,200													85
90	54.3	265.0	64,500 *	61.3	272.3	68,500	65.2	275.2	65,200													90
95	51.5	261.1	59,800 *	58.7	269.4	63,900	62.7	272.6	60,800													95
100	48.7	256.9	55,600 *	56.1	266.1	59,800	60.2	269.9	56,900													100
105	45.6	252.1	51,800 *	53.4	262.5	56,100	57.6	266.8	53,300													105
110	42.4	246.8	48,500 *	50.5	258.5	52,800	54.9	263.4	50,200	61.7	268.5	45,900										110
115	39.0	240.9	45,500 *	47.6	254.1	49,800	52.2	259.6	47,300	59.1	265.6	43,200										115
120	35.3	234.2	42,700 *	44.5	249.2	47,100	49.3	255.4	44,700	56.5	262.4	40,800										120
130	26.6	217.1	38,000 *	37.7	237.5	42,300	43.1	245.7	40,200	51.0	254.9	36,600	57.9	260.1	33,100							130
140	13.2	188.6	32,900 *	29.6	222.1	38,300	36.1	233.3	36,300	45.0	245.8	33,100	52.5	253.0	29,900							140
150				18.6	199.2	34,800	27.7	216.9	33,000	38.3	234.3	30,000	46.7	244.3	27,000							150
160							15.3	190.7	30,100	30.4	219.3	27,300	40.2	233.5	24,600	48.0	241.2	21,900				160
170										19.7	197.4	25,000	32.6	219.6	22,400	41.7	230.9	19,900				170
180													23.0	200.2	20,500	34.4	217.9	18,200	42.8	226.6	15,900	180
190																25.4	200.1	16,600	35.8	214.1	14,500	190
200																10.8	168.5	15,100	27.2	197.5	13,200	200
210																			14.4	170.3	11,900	210



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	86,200																75
80	62.0	283.1	75,900 *	68.0	288.3	79,300																80
85	59.6	280.3	69,600 *	65.8	286.1	73,300																85
90	57.2	277.1	64,100 *	63.5	283.7	68,000	67.1	286.1	64,700													90
95	54.8	273.7	59,300 *	61.2	281.0	63,400	64.8	283.8	60,300													95
100	52.2	269.9	55,100 *	58.8	278.0	59,300	62.5	281.3	56,400													100
105	49.5	265.8	51,400 *	56.4	274.8	55,700	60.2	278.5	52,900													105
110	46.8	261.2	48,000 *	53.9	271.2	52,400	57.8	275.5	49,700													110
115	43.9	256.2	45,000 *	51.3	267.3	49,400	55.3	272.1	46,900	61.6	277.2	42,700										115
120	40.8	250.6	42,300 *	48.6	263.1	46,700	52.8	268.4	44,300	59.2	274.3	40,300										120
130	34.0	237.2	37,500 *	42.8	253.1	41,900	47.4	259.9	39,700	54.3	267.6	36,100										130
140	25.6	219.4	33,500 *	36.3	240.8	37,900	41.5	249.5	35,900	49.0	259.5	32,600	55.6	265.4	29,300							140
150	12.7	189.7	29,100 *	28.5	224.7	34,400	34.8	236.5	32,600	43.3	249.8	29,500	50.4	257.7	26,500							150
160				17.9	200.8	31,100 *	26.6	219.3	29,700	36.8	237.6	26,900	44.8	248.4	24,100	51.6	254.4	21,300				160
170							14.7	192.0	27,100	29.2	222.0	24,500	38.6	237.0	21,900	46.1	245.5	19,300				170
180										19.0	199.0	22,400	31.4	222.4	20,000	40.1	234.6	17,600	47.1	240.9	15,300	180
190													22.1	202.2	18,300	33.1	220.9	16,100	41.2	230.4	13,900	190
200																24.5	202.3	14,700	34.4	217.3	12,600	200
210																10.4	169.3	13,300	26.2	199.8	11,400	210
220																			13.9	171.5	10,300	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	78,800																80
85	61.9	291.8	70,200 *	67.5	297.0	72,800																85
90	59.7	288.9	64,700 *	65.4	294.8	67,600																90
95	57.4	285.8	59,900 *	63.3	292.3	63,000	66.6	294.9	59,800													95
100	55.1	282.4	55,600 *	61.1	289.7	58,900	64.5	292.5	55,900													100
105	52.7	278.7	51,800 *	58.9	286.7	55,200	62.4	290.0	52,400													105
110	50.3	274.7	48,400 *	56.6	283.5	51,900	60.2	287.2	49,200													110
115	47.7	270.2	45,300 *	54.3	280.0	48,900	57.9	284.1	46,400													115
120	45.1	265.4	42,600 *	51.9	276.2	46,200	55.6	280.8	43,800	61.5	285.9	39,800										120
130	39.3	254.2	37,700 *	46.8	267.4	41,500	50.8	273.2	39,300	57.0	279.8	35,600										130
140	32.8	240.2	33,700 *	41.3	256.9	37,500	45.7	264.1	35,500	52.3	272.6	32,100										140
150	24.7	221.5	30,200 *	35.0	243.9	34,100	40.0	253.1	32,200	47.2	264.0	29,000	53.5	270.5	26,000							150
160	12.3	190.7	25,000 *	27.5	227.1	31,100	33.5	239.5	29,300	41.7	253.6	26,400	48.6	262.3	23,600							160
170				17.3	202.3	28,200 *	25.7	221.5	26,800	35.5	240.9	24,100	43.2	252.4	21,400	49.7	259.0	18,800				170
180							14.2	193.2	24,500	28.2	224.5	22,000	37.3	240.4	19,600	44.5	249.6	17,100				180
190										18.3	200.6	20,200	30.3	225.2	17,900	38.7	238.1	15,600	45.4	245.1	13,400	190
200													21.4	204.0	16,300	32.0	223.7	14,200	39.7	234.0	12,100	200
210																23.6	204.3	12,900	33.2	220.2	11,000	210
220																10.0	170.2	11,700	25.2	202.0	9,900	220
230																			13.4	172.7	8,900	230



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	78,300																80
85	63.8	303.1	68,100 *	69.0	307.8	72,300																85
90	61.8	300.5	64,800 *	67.0	305.8	67,100																90
95	59.7	297.6	59,900 *	65.1	303.5	62,500																95
100	57.6	294.5	55,500 *	63.1	301.0	58,400	66.2	303.6	55,400													100
105	55.4	291.1	51,700 *	61.0	298.3	54,800	64.2	301.2	51,900													105
110	53.2	287.5	48,200 *	59.0	295.4	51,500	62.2	298.6	48,700													110
115	50.9	283.5	45,100 *	56.8	292.2	48,500	60.2	295.8	45,900													115
120	48.6	279.2	42,300 *	54.7	288.7	45,800	58.1	292.8	43,300													120
130	43.5	269.4	37,400 *	50.1	280.9	41,100	53.7	285.9	38,800	59.3	291.6	35,100										130
140	38.0	257.6	33,400 *	45.2	271.6	37,100	49.1	277.8	35,000	55.0	285.1	31,600										140
150	31.7	243.0	29,900 *	39.9	260.5	33,600	44.1	268.2	31,700	50.5	277.3	28,500	56.2	282.8	25,400							150
160	23.9	223.6	26,900 *	33.8	247.0	30,700	38.7	256.6	28,900	45.6	268.2	25,900	51.7	275.4	23,000							160
170	11.9	191.7	22,100 *	26.6	229.5	27,800 *	32.4	242.4	26,400	40.3	257.3	23,600	46.9	266.6	20,900	52.7	271.9	18,200				170
180				16.7	203.7	25,100 *	24.8	223.7	24,100	34.4	244.0	21,600	41.8	256.3	19,000	48.0	263.5	16,500				180
190							13.7	194.4	22,100	27.3	226.9	19,700	36.0	243.7	17,400	43.0	253.5	15,000				190
200										17.7	202.2	18,100	29.3	227.8	15,900	37.4	241.5	13,700	43.9	249.2	11,500	200
210													20.7	205.8	14,500	30.9	226.5	12,400	38.4	237.5	10,400	210
220																22.8	206.4	11,300	32.1	223.1	9,400	220
230																9.7	171.0	10,200	24.4	204.2	8,400	230
240																			12.9	173.8	7,500	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	72,000																85
90	63.6	311.8	61,700 *	68.5	316.6	66,800																90
95	61.7	309.1	59,100 *	66.6	314.5	62,200																95
100	59.7	306.3	55,200 *	64.8	312.2	58,100	67.7	314.5	55,000													100
105	57.7	303.2	51,400 *	62.9	309.7	54,500	65.8	312.3	51,600													105
110	55.7	299.8	47,900 *	61.0	307.0	51,200	64.0	309.9	48,400													110
115	53.6	296.2	44,800 *	59.0	304.0	48,200	62.1	307.3	45,600													115
120	51.5	292.3	42,000 *	57.0	300.9	45,500	60.1	304.5	43,000													120
130	47.0	283.6	37,100 *	52.9	293.7	40,800	56.2	298.2	38,500	61.3	303.2	34,800										130
140	42.2	273.3	33,000 *	48.5	285.4	36,800	52.0	290.8	34,700	57.3	297.2	31,300										140
150	36.8	261.0	29,600 *	43.8	275.7	33,400	47.5	282.2	31,500	53.2	290.1	28,200										150
160	30.7	245.8	26,600 *	38.6	264.1	30,400	42.7	272.1	28,600	48.9	281.9	25,600	54.3	288.0	22,700							160
170	23.1	225.7	23,900 *	32.8	249.9	27,500 *	37.4	260.1	26,100	44.2	272.3	23,300	50.0	280.1	20,600							170
180	11.5	192.7	19,600 *	25.8	231.8	24,800 *	31.4	245.2	23,900	39.1	260.9	21,300	45.5	270.9	18,800	51.0	276.8	16,200				180
190				16.2	205.1	22,300 *	24.1	225.9	22,000	33.3	247.0	19,500	40.5	260.0	17,100	46.5	267.9	14,700				190
200							13.3	195.5	20,100	26.4	229.2	17,900	34.9	246.8	15,600	41.6	257.4	13,400	47.3	263.3	11,200	200
210										17.2	203.7	16,400	28.4	230.3	14,300	36.2	244.8	12,200	42.5	253.1	10,100	210
220													20.0	207.6	13,000	29.9	229.2	11,000	37.2	240.9	9,100	220
230																22.1	208.3	10,000	31.1	225.9	8,200	230
240																9.4	171.8	9,000	23.7	206.2	7,300	240
250																			12.5	174.9	6,500	250



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	66,300																90
95	63.4	320.4	56,000 *	68.0	325.4	61,700																95
100	61.6	317.8	53,800 *	66.3	323.2	57,700																100
105	59.7	314.9	50,800 *	64.5	320.9	54,000	67.3	323.2	51,100													105
110	57.9	311.8	47,400 *	62.7	318.4	50,700	65.5	321.0	47,900													110
115	56.0	308.5	44,300 *	60.9	315.6	47,800	63.8	318.6	45,100													115
120	54.0	305.0	41,500 *	59.1	312.7	45,100	62.0	316.0	42,500													120
130	49.9	297.0	36,600 *	55.3	306.1	40,400	58.3	310.1	38,100	63.0	314.5	34,200										130
140	45.6	287.8	32,500 *	51.3	298.6	36,400	54.4	303.4	34,300	59.4	309.0	30,700										140
150	40.9	277.0	29,000 *	47.0	289.8	33,000	50.4	295.6	31,000	55.6	302.5	27,700										150
160	35.7	264.2	26,000 *	42.5	279.6	30,000	46.1	286.5	28,200	51.6	295.0	25,100	56.6	300.2	22,100							160
170	29.8	248.4	23,400 *	37.5	267.5	27,000 *	41.5	275.9	25,700	47.4	286.3	22,900	52.7	293.0	20,100							170
180	22.4	227.7	21,100 *	31.8	252.8	24,200 *	36.3	263.3	23,500	42.9	276.2	20,800	48.5	284.6	18,200							180
190	11.1	193.6	17,200 *	25.0	234.0	21,800 *	30.5	248.0	21,500	37.9	264.3	19,000	44.1	274.9	16,600	49.5	281.4	14,200				190
200				15.7	206.5	19,700 *	23.4	227.9	19,800	32.3	249.9	17,400	39.3	263.5	15,100	45.1	272.0	12,800				200
210							12.9	196.6	18,100	25.7	231.5	16,000	33.9	249.9	13,800	40.4	261.1	11,600	45.9	267.5	9,500	210
220										16.7	205.1	14,600	27.6	232.7	12,500	35.1	248.0	10,500	41.2	256.9	8,500	220
230													19.4	209.3	11,400	29.1	231.8	9,500	36.1	244.2	7,600	230
240																21.5	210.2	8,600	30.2	228.6	6,800	240
250																9.1	172.6	7,600	23.0	208.3	6,000	250
260																			12.2	175.9	5,200	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	57,200																100
105	61.5	326.4	49,100 *	65.9	331.9	53,600																105
110	59.7	323.6	46,900 *	64.3	329.6	50,300	66.9	332.0	47,500													110
115	58.0	320.5	43,800 *	62.6	327.0	47,400	65.2	329.7	44,700													115
120	56.2	317.2	41,000 *	60.9	324.3	44,700	63.6	327.3	42,100													120
130	52.4	309.9	36,100 *	57.3	318.2	40,000	60.1	321.8	37,600													130
140	48.5	301.6	32,000 *	53.7	311.2	36,000	56.6	315.6	33,800	61.2	320.5	30,300										140
150	44.3	291.9	28,500 *	49.8	303.2	32,600	52.9	308.4	30,600	57.6	314.5	27,300										150
160	39.8	280.7	25,500 *	45.7	294.0	29,600 *	49.0	300.1	27,800	54.0	307.6	24,700										160
170	34.7	267.3	22,900 *	41.3	283.4	26,500 *	44.8	290.7	25,300	50.1	299.7	22,400	54.9	305.4	19,600							170
180	29.0	251.0	20,600 *	36.4	270.8	23,700 *	40.3	279.6	23,100	46.0	290.6	20,400	51.2	297.8	17,800							180
190	21.8	229.6	18,600 *	30.9	255.5	21,300 *	35.3	266.5	21,200	41.7	280.1	18,600	47.1	289.0	16,100	52.0	294.4	13,700				190
200	10.8	194.6	15,000 *	24.4	236.1	19,200 *	29.7	250.6	19,400	36.9	267.6	17,000	42.8	278.9	14,700	48.1	285.9	12,400				200
210				15.3	207.8	17,300 *	22.7	229.9	17,800	31.4	252.7	15,600	38.2	267.0	13,300	43.8	276.1	11,200				210
220							12.5	197.7	16,300	25.0	233.7	14,200	32.9	252.8	12,100	39.3	264.6	10,100	44.6	271.7	8,100	220
230										16.2	206.5	13,000	26.8	235.1	11,000	34.2	251.0	9,100	40.1	260.5	7,200	230
240													18.9	210.9	10,000	28.3	234.3	8,100	35.1	247.3	6,300	240
250																20.9	212.0	7,300	29.4	231.2	5,600	250
260																8.8	173.3	6,400	22.3	210.2	4,800	260
270																			11.8	176.9	4,100	270



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	46,900	66.6	340.7	44,200													115
120	58.1	329.2	39,400 *	62.5	335.7	44,200	65.0	338.4	41,600													120
130	54.6	322.4	35,600 *	59.2	330.0	39,500	61.8	333.3	37,100													130
140	51.0	314.7	31,800 *	55.8	323.6	35,500	58.5	327.5	33,400	62.7	331.9	29,700										140
150	47.2	306.0	28,300 *	52.2	316.2	32,100	55.0	320.8	30,100	59.4	326.3	26,700										150
160	43.1	295.9	25,200 *	48.4	307.8	29,200	51.4	313.2	27,300	56.0	319.9	24,200										160
170	38.7	284.2	22,600 *	44.5	298.1	26,200 *	47.6	304.6	24,800	52.5	312.6	21,900	56.9	317.5	19,000							170
180	33.8	270.4	20,200 *	40.2	287.0	23,400 *	43.6	294.7	22,700	48.8	304.3	19,900	53.4	310.5	17,200							180
190	28.2	253.5	18,200 *	35.5	274.0	21,000 *	39.2	283.2	20,700	44.8	294.7	18,100	49.8	302.5	15,600							190
200	21.3	231.4	16,300 *	30.1	258.2	18,800 *	34.4	269.6	19,000	40.6	283.8	16,500	45.9	293.3	14,100	50.6	299.1	11,800				200
210	10.6	195.5	13,000 *	23.7	238.2	16,900 *	28.9	253.2	17,400	35.9	270.9	15,100	41.7	282.7	12,800	46.8	290.2	10,600				210
220				14.9	209.1	15,200 *	22.1	231.9	16,000	30.6	255.4	13,800	37.2	270.4	11,600	42.7	280.0	9,500	47.4	285.6	7,500	220
230							12.2	198.7	14,600	24.3	235.9	12,600	32.1	255.7	10,500	38.2	268.1	8,500	43.4	275.6	6,600	230
240										15.8	207.9	11,400	26.1	237.4	9,500	33.3	254.0	7,600	39.0	264.1	5,800	240
250													18.4	212.5	8,600	27.5	236.7	6,800	34.2	250.4	5,000	250
260																20.4	213.8	6,000	28.6	233.8	4,300	260
270																8.6	174.0	5,200				270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	118,000 b																60
65	43.7	217.5	99,800 *	58.8	228.1	106,300 b	66.6	231.3	101,500 b													65
70	37.2	211.4	89,900 *	53.8	224.6	96,700 b	62.0	228.8	92,300 b													70
75	29.6	203.6	81,600 *	48.4	220.4	88,500	57.2	225.7	84,500 b													75
80	19.3	192.0	74,600 *	42.6	215.3	81,500	52.1	222.0	77,800 b													80
85				36.0	209.0	75,500	46.6	217.6	72,100	60.9	224.9	66,300 b										85
90				28.0	200.6	70,100	40.6	212.1	67,000	56.0	221.7	61,700 b										90
95				16.7	187.8	65,400	33.6	205.2	62,500	50.8	217.8	57,600										95
100							24.9	195.9	58,500	45.2	213.2	53,900										100
105							10.7	179.3	54,800	39.0	207.4	50,600	54.4	216.2	46,200 b							105
110										31.7	200.1	47,600	49.2	212.1	43,500							110
115										22.4	189.8	44,900	43.4	207.2	41,100							115
120													36.9	201.0	38,800	52.4	209.2	35,200				120
130													18.6	181.1	34,800	40.9	199.4	31,600				130
140																25.5	183.5	28,400	44.0	195.6	25,500	140
150																			30.1	181.8	23,100	150



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	117,500 b																60
65	50.9	231.3	100,300 *	63.1	239.6	105,900 b																65
70	46.0	226.8	90,300 *	58.9	236.7	96,300 b	65.8	240.0	91,800 b													70
75	40.7	221.3	82,000 *	54.6	233.3	88,100	61.7	237.4	84,000 b													75
80	34.7	214.6	74,900 *	50.0	229.3	81,200	57.6	234.4	77,400													80
85	27.6	206.0	68,900 *	45.1	224.6	75,100	53.1	230.8	71,600													85
90	17.9	193.5	63,600 *	39.7	219.0	69,900	48.5	226.6	66,600	60.7	233.5	61,100 b										90
95				33.5	212.0	65,200	43.4	221.6	62,100	56.5	230.4	57,000										95
100				26.1	202.9	61,000	37.8	215.6	58,200	52.0	226.7	53,400										100
105				15.6	189.1	57,200	31.3	208.0	54,600	47.3	222.3	50,100										105
110							23.3	198.0	51,400	42.1	217.1	47,200	55.2	224.9	42,900							110
115							10.0	180.2	48,400	36.3	210.7	44,500	50.6	221.0	40,500							115
120										29.6	202.7	42,100	45.7	216.4	38,300							120
130													34.4	204.1	34,400	48.7	213.8	31,000				130
140													17.3	182.6	30,900	38.1	202.9	27,900				140
150																23.8	185.6	25,300	41.0	199.4	22,500	150
160																28.0	184.3	20,400	28.0	184.3	20,400	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	117,100 b																60
65	55.9	243.9	100,700 *	66.3	250.8	105,500 b																65
70	51.9	240.2	90,600 *	62.7	248.3	95,900																70
75	47.7	235.8	82,200 *	59.0	245.4	87,800	65.1	248.7	83,600 b													75
80	43.2	230.8	75,100 *	55.2	242.1	80,800	61.5	246.1	76,900													80
85	38.2	224.8	69,000 *	51.2	238.2	74,800	57.8	243.1	71,200													85
90	32.6	217.5	63,800 *	46.9	233.7	69,600	53.9	239.6	66,200													90
95	25.9	208.3	59,100 *	42.3	228.5	64,900	49.9	235.5	61,800	60.7	242.2	56,500										95
100	16.9	195.0	55,000 *	37.3	222.4	60,800	45.5	230.8	57,800	56.9	239.1	52,900										100
105				31.5	214.8	57,100	40.8	225.3	54,300	53.0	235.5	49,700										105
110				24.5	205.1	53,700	35.5	218.8	51,100	48.8	231.3	46,800										110
115				14.6	190.4	50,700	29.4	210.7	48,300	44.4	226.4	44,100	55.7	233.7	40,000							115
120							21.9	199.9	45,600	39.5	220.7	41,700	51.7	229.9	37,800							120
130										27.8	205.2	37,500	43.0	220.4	33,900							130
140													32.3	207.0	30,600	45.8	218.1	27,500				140
150													16.3	184.0	27,700	35.8	206.1	24,900	48.0	213.8	22,000	150
160																22.4	187.5	22,600	38.5	202.9	20,000	160
170																			26.4	186.6	18,100	170



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	105,000 b																65
70	56.3	252.6	90,600 *	65.7	259.5	95,400																70
75	52.8	249.0	82,200 *	62.4	256.9	87,300	67.8	259.6	83,000 b													75
80	49.1	244.8	75,000 *	59.1	254.1	80,400	64.6	257.4	76,400													80
85	45.1	240.0	68,900 *	55.7	250.8	74,400	61.4	254.7	70,700													85
90	40.8	234.5	63,600 *	52.1	247.0	69,100	58.1	251.7	65,700													90
95	36.2	228.1	59,000 *	48.4	242.8	64,500	54.6	248.3	61,300													95
100	30.9	220.3	54,900 *	44.4	237.9	60,400	50.9	244.4	57,400	60.6	250.9	52,300										100
105	24.5	210.5	51,200 *	40.0	232.2	56,700	47.1	239.9	53,900	57.2	247.8	49,100										105
110	16.0	196.3	47,900 *	35.3	225.6	53,400	43.0	234.8	50,700	53.7	244.2	46,200										110
115				29.8	217.5	50,400	38.5	228.9	47,900	50.0	240.2	43,600										115
120				23.2	207.1	47,700	33.6	221.8	45,300	46.1	235.6	41,200	56.2	242.4	37,200							120
130							20.7	201.7	40,600	37.4	224.1	37,000	48.9	234.5	33,400							130
140										26.3	207.5	33,400	40.6	224.1	30,100	51.2	231.6	26,800				140
150													30.6	209.8	27,300	43.3	222.1	24,300				150
160													15.4	185.3	24,800	33.9	209.2	22,100	45.3	218.1	19,400	160
170																21.2	189.4	20,100	36.4	206.2	17,600	170
180																24.9	188.8	16,000	24.9	188.8	16,000	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	104,500 b																65
70	59.8	264.5	92,400 *	68.0	270.4	94,900																70
75	56.7	261.3	84,600 *	65.1	268.2	86,800																75
80	53.5	257.7	77,200 *	62.2	265.6	79,900	67.1	268.4	75,900													80
85	50.1	253.7	70,900 *	59.2	262.7	73,900	64.2	266.0	70,200													85
90	46.6	249.2	65,400 *	56.1	259.5	68,700	61.3	263.4	65,200													90
95	42.9	244.0	60,600 *	52.9	255.8	64,100	58.2	260.4	60,800													95
100	38.8	238.1	56,400 *	49.5	251.7	60,000	55.1	257.0	56,900													100
105	34.4	231.2	52,600 *	46.0	247.1	56,300	51.8	253.2	53,400	60.5	259.5	48,600										105
110	29.4	222.9	49,200 *	42.2	241.8	53,000	48.4	248.9	50,300	57.5	256.4	45,700										110
115	23.3	212.5	46,200 *	38.1	235.7	50,000	44.8	244.1	47,400	54.3	253.0	43,100										115
120	15.2	197.6	42,700 *	33.5	228.6	47,300	40.9	238.6	44,800	51.0	249.1	40,700										120
130				22.1	209.1	42,500	32.0	224.7	40,300	43.9	239.7	36,600	53.3	247.5	32,800							130
140							19.7	203.4	36,400	35.6	227.3	33,000	46.4	238.8	29,600							140
150										25.0	209.7	29,900	38.6	227.7	26,800	48.6	236.1	23,800				150
160													29.1	212.4	24,400	41.1	225.8	21,600				160
170													14.6	186.6	22,200	32.2	212.1	19,600	43.1	222.0	17,100	170
180																20.1	191.1	17,900	34.7	209.3	15,500	180
190																			23.7	190.9	14,100	190



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	94,400																70
75	59.8	273.2	84,300 *	67.4	279.1	86,300																75
80	57.0	270.0	76,900 *	64.7	276.8	79,400																80
85	54.0	266.5	70,500 *	62.0	274.3	73,500	66.5	277.1	69,600													85
90	51.0	262.6	65,000 *	59.3	271.4	68,200	63.9	274.7	64,700													90
95	47.8	258.2	60,200 *	56.4	268.2	63,600	61.2	272.1	60,300													95
100	44.5	253.3	56,000 *	53.5	264.6	59,600	58.4	269.1	56,400													100
105	40.9	247.8	52,200 *	50.5	260.6	55,900	55.5	265.7	52,900													105
110	37.1	241.4	48,800 *	47.3	256.1	52,600	52.5	262.0	49,800	60.5	268.2	45,100										110
115	32.9	234.1	45,800 *	43.9	251.1	49,600	49.4	257.9	47,000	57.7	265.1	42,500										115
120	28.1	225.4	43,000 *	40.3	245.5	46,900	46.2	253.3	44,400	54.8	261.7	40,200										120
130	14.5	198.9	37,600 *	32.0	231.5	42,200	39.0	242.1	39,900	48.7	253.6	36,000	56.8	259.7	32,200							130
140				21.1	210.9	38,100	30.5	227.4	36,000	41.9	243.5	32,500	50.9	252.3	29,000							140
150							18.8	205.0	32,700	34.0	230.4	29,500	44.3	242.9	26,300	52.7	249.2	23,100				150
160										23.9	211.9	26,800	36.9	231.0	23,900	46.4	240.5	21,000				160
170													27.8	214.8	21,800	39.3	229.4	19,100	48.0	236.2	16,400	170
180													14.0	187.8	19,800	30.8	214.9	17,300	41.1	225.8	14,900	180
190																19.2	192.8	15,800	33.1	212.3	13,500	190
200																22.7	192.9	12,300	22.7	192.9	12,300	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	86,100																75
80	59.8	281.8	76,800 *	66.8	287.9	79,200																80
85	57.2	278.7	70,400 *	64.4	285.5	73,200																85
90	54.5	275.2	64,900 *	61.9	282.9	68,000	66.0	285.8	64,400													90
95	51.7	271.4	60,100 *	59.3	280.1	63,400	63.6	283.4	60,000													95
100	48.9	267.2	55,800 *	56.7	276.9	59,300	61.1	280.7	56,100													100
105	45.8	262.5	52,100 *	54.0	273.3	55,700	58.5	277.7	52,700													105
110	42.6	257.2	48,700 *	51.2	269.4	52,400	55.9	274.4	49,500	63.0	279.6	44,800										110
115	39.2	251.3	45,700 *	48.3	265.1	49,400	53.1	270.8	46,700	60.5	276.8	42,300										115
120	35.6	244.7	42,900 *	45.3	260.3	46,700	50.3	266.8	44,200	57.9	273.8	39,900										120
130	26.9	227.8	38,100 *	38.6	249.0	42,000	44.3	257.4	39,700	52.5	266.7	35,800										130
140	13.9	200.1	33,400 *	30.7	234.2	38,000	37.4	245.6	35,800	46.6	258.0	32,300	54.4	264.9	28,800							140
150				20.3	212.7	34,500	29.3	230.0	32,600	40.1	247.2	29,300	48.7	256.8	26,000							150
160							18.0	206.6	29,700	32.6	233.3	26,700	42.5	246.8	23,700	50.5	253.9	20,700				160
170										22.9	213.9	24,300	35.4	234.2	21,600	44.4	244.6	18,800				170
180													26.7	217.2	19,700	37.6	232.9	17,100	46.0	240.5	14,600	180
190													13.4	188.9	18,000	29.6	217.5	15,600	39.4	229.4	13,300	190
200																18.5	194.4	14,200	31.8	215.2	12,100	200
210																			21.8	194.8	10,900	210



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	85,600																75
80	62.2	293.3	76,200 *	68.5	298.7	78,700																80
85	59.8	290.5	70,000 *	66.3	296.6	72,700																85
90	57.4	287.4	64,500 *	64.1	294.2	67,500	67.8	296.7	63,900													90
95	54.9	283.9	59,600 *	61.7	291.6	62,900	65.6	294.5	59,500													95
100	52.4	280.2	55,400 *	59.4	288.7	58,900	63.3	292.1	55,600													100
105	49.7	276.1	51,600 *	57.0	285.5	55,200	61.0	289.4	52,200													105
110	47.0	271.5	48,200 *	54.5	282.1	52,000	58.6	286.4	49,100													110
115	44.1	266.5	45,200 *	51.9	278.3	49,000	56.2	283.1	46,200	62.8	288.3	41,700										115
120	41.0	261.0	42,400 *	49.2	274.1	46,300	53.7	279.6	43,700	60.4	285.5	39,300										120
130	34.2	247.8	37,700 *	43.5	264.4	41,600	48.3	271.3	39,200	55.6	279.1	35,200										130
140	25.9	230.1	33,600 *	37.1	252.4	37,600	42.5	261.3	35,400	50.4	271.4	31,800	57.3	277.1	28,200							140
150	13.4	201.2	29,600 *	29.6	236.8	34,200	36.0	248.8	32,100	44.8	262.1	28,800	52.2	269.9	25,500							150
160				19.5	214.4	31,100	28.2	232.5	29,300	38.6	250.7	26,200	46.8	261.2	23,100							160
170							17.4	208.1	26,700	31.4	236.1	23,900	40.8	250.6	21,000	48.5	258.5	18,200				170
180										22.1	215.8	21,800	34.0	237.3	19,200	42.7	248.5	16,600				180
190													25.7	219.5	17,500	36.2	236.2	15,100	44.2	244.6	12,700	190
200													12.9	190.0	16,000	28.4	220.0	13,700	37.9	232.9	11,500	200
210																17.8	196.0	12,500	30.6	217.9	10,400	210
220																20.9	196.7	9,400	20.9	196.7	9,400	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	78,200																80
85	62.0	302.0	68,900 *	68.0	307.5	72,300																85
90	59.8	299.1	65,500 *	65.9	305.3	67,100																90
95	57.6	296.0	60,700 *	63.8	302.9	62,500	67.3	305.5	59,000													95
100	55.3	292.7	56,300 *	61.6	300.3	58,400	65.2	303.2	55,100													100
105	52.9	289.0	52,500 *	59.4	297.4	54,800	63.1	300.7	51,700													105
110	50.5	284.9	49,000 *	57.2	294.2	51,500	60.9	298.0	48,600													110
115	47.9	280.6	45,900 *	54.9	290.8	48,600	58.7	295.1	45,800													115
120	45.3	275.7	43,000 *	52.5	287.0	45,900	56.4	291.8	43,200	62.6	296.9	38,800										120
130	39.5	264.6	38,100 *	47.4	278.5	41,200	51.7	284.4	38,700	58.2	291.1	34,700										130
140	33.0	250.7	34,000 *	42.0	268.2	37,200	46.6	275.6	35,000	53.5	284.2	31,300										140
150	25.0	232.3	30,500 *	35.8	255.6	33,800	41.0	265.0	31,700	48.6	276.0	28,300	55.2	282.4	24,900							150
160	12.9	202.3	25,500 *	28.5	239.4	30,800	34.7	252.0	28,900	43.2	266.1	25,700	50.3	274.6	22,600							160
170				18.8	216.0	28,100	27.2	235.0	26,400	37.2	254.1	23,400	45.1	265.4	20,500	51.8	271.6	17,700				170
180							16.7	209.5	24,200	30.3	238.8	21,400	39.4	254.2	18,700	46.7	262.9	16,000				180
190										21.3	217.7	19,600	32.8	240.2	17,100	41.2	252.3	14,600				190
200													24.8	221.7	15,600	34.9	239.3	13,300	42.6	248.5	11,000	200
210													12.4	191.1	14,200	27.4	222.5	12,000	36.6	236.2	9,900	210
220																17.1	197.5	10,900	29.5	220.5	8,900	220
230																			20.2	198.4	8,000	230



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	71,800																85
90	61.9	310.6	62,400 *	67.5	316.2	66,600																90
95	59.8	307.8	59,500 *	65.5	314.0	62,000																95
100	57.7	304.7	55,800 *	63.6	311.6	57,900	66.9	314.2	54,600													100
105	55.6	301.4	51,900 *	61.5	308.9	54,300	64.9	311.9	51,200													105
110	53.4	297.7	48,400 *	59.5	306.0	51,100	62.9	309.4	48,100													110
115	51.1	293.8	45,300 *	57.4	302.9	48,100	60.9	306.7	45,300													115
120	48.7	289.5	42,500 *	55.2	299.5	45,400	58.8	303.7	42,700													120
130	43.7	279.8	37,600 *	50.7	291.8	40,700	54.5	297.0	38,300	60.4	302.8	34,200										130
140	38.2	268.1	33,500 *	45.8	282.8	36,800	49.9	289.1	34,500	56.1	296.5	30,700										140
150	31.9	253.6	30,000 *	40.6	271.9	33,400	45.0	279.8	31,200	51.7	289.1	27,800	57.6	294.5	24,400							150
160	24.2	234.4	27,000 *	34.6	258.7	30,400	39.7	268.7	28,400	46.9	280.4	25,200	53.3	287.5	22,000							160
170	12.5	203.4	22,500 *	27.6	241.8	27,800	33.6	255.0	26,000	41.8	270.0	23,000	48.6	279.2	20,000							170
180				18.2	217.6	25,400 *	26.3	237.3	23,800	36.0	257.4	21,000	43.6	269.4	18,200	50.1	276.3	15,500				180
190							16.2	210.9	21,800	29.3	241.5	19,200	38.1	257.7	16,600	45.2	267.0	14,000				190
200										20.6	219.5	17,500	31.7	243.1	15,100	39.8	256.0	12,700	46.4	262.9	10,400	200
210													23.9	223.8	13,800	33.8	242.4	11,500	41.2	252.3	9,300	210
220													12.0	192.1	12,500	26.5	224.8	10,400	35.4	239.4	8,300	220
230																16.6	198.9	9,400	28.5	223.1	7,400	230
240																			19.5	200.1	6,600	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	71,500																85
90	63.7	321.9	59,300 *	68.9	327.0	66,300																90
95	61.8	319.3	56,800 *	67.1	325.0	61,700																95
100	59.8	316.5	54,300 *	65.2	322.7	57,600																100
105	57.9	313.4	51,600 *	63.4	320.2	54,000	66.5	322.9	50,900													105
110	55.8	310.1	48,100 *	61.4	317.6	50,800	64.6	320.6	47,800													110
115	53.8	306.5	45,000 *	59.5	314.7	47,800	62.7	318.1	45,000													115
120	51.6	302.6	42,200 *	57.5	311.6	45,100	60.8	315.4	42,400													120
130	47.2	293.9	37,300 *	53.4	304.6	40,500	56.9	309.2	38,000	62.3	314.3	33,900										130
140	42.4	283.7	33,200 *	49.0	296.4	36,500	52.7	302.0	34,200	58.4	308.5	30,400										140
150	37.0	271.4	29,700 *	44.4	286.9	33,100	48.3	293.7	31,000	54.3	301.7	27,500										150
160	30.9	256.4	26,700 *	39.3	275.5	30,100	43.6	283.8	28,200	50.0	293.8	24,900	55.7	299.8	21,700							160
170	23.4	236.5	24,000 *	33.5	261.7	27,600	38.4	272.2	25,700	45.4	284.6	22,700	51.5	292.3	19,700							170
180	12.1	204.4	20,000 *	26.7	244.2	25,100 *	32.5	257.9	23,500	40.4	273.7	20,700	47.1	283.6	17,900	52.8	289.2	15,200				180
190				17.6	219.1	22,600 *	25.5	239.5	21,600	34.9	260.5	18,900	42.2	273.3	16,300	48.5	280.9	13,700				190
200							15.7	212.3	19,800	28.4	244.0	17,300	36.9	261.0	14,800	43.7	271.1	12,400				200
210										20.0	221.2	15,900	30.8	245.8	13,500	38.6	259.5	11,200	45.0	267.0	9,000	210
220													23.2	225.8	12,300	32.7	245.3	10,200	39.9	255.9	8,100	220
230													11.7	193.1	11,200	25.7	227.1	9,200	34.3	242.5	7,200	230
240																16.1	200.3	8,200	27.6	225.5	6,400	240
250																			18.9	201.8	5,600	250



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	65,800																90
95	63.5	330.6	53,900 *	68.4	335.8	61,200																95
100	61.7	328.0	51,800 *	66.7	333.7	57,200																100
105	59.9	325.1	49,600 *	64.9	331.4	53,600	67.9	333.8	50,300													105
110	58.0	322.1	47,400 *	63.2	328.9	50,300	66.1	331.6	47,300													110
115	56.1	318.8	44,500 *	61.4	326.2	47,400	64.4	329.3	44,500													115
120	54.1	315.2	41,700 *	59.5	323.4	44,700	62.6	326.8	41,900													120
130	50.1	307.3	36,800 *	55.7	316.9	40,000	58.9	321.1	37,500													130
140	45.8	298.2	32,600 *	51.8	309.5	36,100	55.1	314.5	33,700	60.3	320.1	29,900										140
150	41.1	287.4	29,100 *	47.6	300.9	32,700	51.1	306.9	30,500	56.6	313.9	27,000										150
160	35.9	274.7	26,100 *	43.1	290.8	29,700	46.9	298.0	27,700	52.7	306.7	24,400	57.9	311.8	21,100							160
170	30.0	259.0	23,500 *	38.1	279.0	27,100	42.3	287.7	25,300	48.5	298.4	22,200	54.0	304.9	19,100							170
180	22.7	238.5	21,200 *	32.6	264.7	24,500 *	37.3	275.5	23,100	44.1	288.7	20,200	50.0	297.0	17,300							180
190	11.7	205.4	17,500 *	26.0	246.5	22,100 *	31.6	260.7	21,200	39.2	277.3	18,400	45.6	287.8	15,800	51.2	294.0	13,100				190
200				17.1	220.6	19,900 *	24.7	241.7	19,400	33.8	263.6	16,900	41.0	277.1	14,300	47.0	285.2	11,800				200
210							15.2	213.6	17,800	27.5	246.4	15,400	35.8	264.2	13,000	42.4	275.0	10,700				210
220										19.4	222.9	14,100	29.9	248.5	11,900	37.4	262.9	9,600	43.6	271.1	7,500	220
230													22.5	227.8	10,800	31.8	248.1	8,700	38.7	259.5	6,600	230
240													11.3	194.1	9,700	25.0	229.3	7,800	33.3	245.5	5,800	240
250																15.6	201.6	6,900	26.8	227.9	5,100	250
260																			18.4	203.4	4,400	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	
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	56,700																100
105	61.6	336.6	47,200 *	66.3	342.4	53,100																105
110	59.9	333.8	45,400 *	64.7	340.1	49,900	67.5	342.6	46,800													110
115	58.1	330.7	43,500 *	63.0	337.6	46,900	65.8	340.4	44,000													115
120	56.3	327.5	41,700 *	61.3	334.9	44,300	64.1	338.0	41,500													120
130	52.6	320.2	36,700 *	57.8	328.9	39,600	60.7	332.7	37,000													130
140	48.6	311.9	32,500 *	54.1	322.1	35,700	57.2	326.6	33,300	62.0	331.6	29,400										140
150	44.5	302.3	28,900 *	50.3	314.2	32,300	53.5	319.6	30,100	58.6	325.8	26,500										150
160	39.9	291.1	25,900 *	46.2	305.2	29,300	49.6	311.5	27,300	54.9	319.1	23,900										160
170	34.9	277.8	23,200 *	41.8	294.7	26,800	45.5	302.3	24,900	51.1	311.5	21,700	56.2	317.2	18,600							170
180	29.2	261.6	20,900 *	37.1	282.3	24,300 *	41.1	291.5	22,700	47.1	302.7	19,800	52.5	309.9	16,900							180
190	22.1	240.4	18,800 *	31.7	267.5	21,800 *	36.2	278.8	20,800	42.8	292.6	18,000	48.5	301.6	15,300							190
200	11.4	206.4	15,400 *	25.2	248.7	19,600 *	30.7	263.5	19,100	38.1	280.7	16,400	44.4	291.9	13,900	49.8	298.7	11,400				200
210				16.7	222.1	17,700 *	24.1	243.9	17,500	32.9	266.5	15,000	39.8	280.7	12,600	45.7	289.5	10,200				210
220							14.8	214.9	16,000	26.8	248.8	13,700	34.8	267.4	11,400	41.2	278.8	9,200	46.7	285.3	7,000	220
230										18.9	224.6	12,500	29.0	251.1	10,400	36.4	266.2	8,200	42.4	275.0	6,100	230
240													21.9	229.7	9,400	30.9	250.9	7,300	37.7	262.9	5,400	240
250													11.0	195.0	8,400	24.3	231.4	6,500	32.3	248.4	4,600	250
260																15.2	202.9	5,700	26.1	230.2	4,000	260



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	49,400																110
115	59.9	342.4	41,400 *	64.5	348.8	46,500	67.1	351.3	43,500													115
120	58.2	339.4	39,500 *	62.9	346.3	43,800	65.5	349.1	41,000													120
130	54.7	332.7	35,800 *	59.6	340.7	39,200	62.3	344.1	36,600													130
140	51.1	325.0	32,000 *	56.2	334.3	35,200	59.0	338.4	32,800													140
150	47.3	316.3	28,400 *	52.6	327.1	31,800	55.6	331.9	29,600	60.3	337.5	25,900										150
160	43.3	306.3	25,300 *	48.9	318.8	28,900	52.1	324.5	26,800	56.9	331.3	23,400										160
170	38.9	294.6	22,600 *	45.0	309.3	26,300	48.3	316.0	24,400	53.4	324.2	21,200										170
180	34.0	280.9	20,300 *	40.7	298.4	23,700 *	44.3	306.3	22,300	49.7	316.2	19,300	54.7	322.4	16,300							180
190	28.4	264.2	18,200 *	36.1	285.6	21,300 *	40.0	295.2	20,300	45.9	307.0	17,500	51.0	314.7	14,700							190
200	21.5	242.3	16,400 *	30.8	270.3	19,100 *	35.3	282.0	18,600	41.7	296.4	16,000	47.2	306.0	13,300	52.2	311.6	10,800				200
210	11.1	207.4	13,300 *	24.6	250.9	17,100 *	29.9	266.2	17,100	37.1	284.1	14,500	43.2	295.9	12,100	48.4	303.2	9,600				210
220				16.2	223.5	15,400 *	23.4	245.9	15,600	32.0	269.4	13,300	38.8	284.2	10,900	44.4	293.6	8,600				220
230							14.4	216.1	14,300	26.1	251.1	12,100	33.9	270.4	9,900	40.1	282.4	7,700	45.5	289.5	5,600	230
240										18.4	226.2	11,000	28.3	253.6	8,900	35.4	269.4	6,800	41.2	278.7	4,800	240
250													21.3	231.6	8,000	30.1	253.6	6,000	36.7	266.2	4,100	250
260													10.7	195.9	7,100	23.6	233.5	5,200				260
270																14.8	204.2	4,500				270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	117,100 b																60
65	44.1	227.9	100,600 *	59.9	238.7	105,500 b																65
70	37.7	221.9	90,500 *	55.0	235.4	96,000 b	63.6	239.5	91,300 b													70
75	30.2	214.2	82,200 *	49.8	231.4	87,900	58.9	236.7	83,600 b													75
80	20.2	203.0	75,100 *	44.1	226.6	80,900	53.9	233.2	77,000 b													80
85				37.7	220.6	74,900	48.6	229.0	71,300													85
90				30.1	212.8	69,600	42.8	224.0	66,300	58.5	233.1	60,500 b										90
95				20.1	201.6	64,900	36.2	217.7	61,800	53.5	229.6	56,500 b										95
100							28.2	209.4	57,900	48.2	225.4	52,900										100
105							17.1	196.8	54,300	42.3	220.2	49,700	57.9	228.0	45,000 b							105
110										35.7	213.8	46,800	52.8	224.4	42,300 b							110
115										27.6	205.3	44,100	47.4	220.1	39,900							115
120										16.0	192.1	41,600	41.4	214.8	37,700							120
130													26.3	199.3	33,900							130
140																46.1	213.1	30,400				140
150																32.9	200.5	27,400				150
160																8.0	172.0	24,600	37.6	198.2	21,900	160
																20.0	179.2	19,800				160



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	116,600 b																60
65	51.2	241.6	101,100 *	64.0	250.2	105,100 b																65
70	46.3	237.1	91,000 *	59.9	247.4	95,500 b	67.1	250.6	90,700 b													70
75	41.1	231.7	82,500 *	55.7	244.1	87,500	63.2	248.2	83,000 b													75
80	35.1	225.1	75,400 *	51.2	240.3	80,600	59.0	245.3	76,500 b													80
85	28.1	216.7	69,300 *	46.3	235.8	74,600	54.7	242.0	70,800													85
90	18.8	204.6	64,000 *	41.0	230.4	69,300	50.1	238.0	65,800	62.9	244.6	59,900 b										90
95				35.1	223.8	64,700	45.2	233.3	61,400	58.7	241.7	55,900 b										95
100				28.1	215.3	60,600	39.8	227.6	57,500	54.4	238.3	52,400										100
105				18.7	203.3	56,800	33.7	220.7	54,000	49.8	234.3	49,200										105
110							26.3	211.7	50,800	44.8	229.5	46,300										110
115							15.9	198.1	47,900	39.4	223.8	43,700	53.8	233.2	39,300							115
120										33.2	216.8	41,300	49.1	229.1	37,200							120
130										14.9	193.4	37,000	38.6	218.3	33,400	52.7	226.4	29,700				130
140													24.5	201.4	30,100	42.9	217.0	26,800				140
150																30.6	203.2	24,200	46.3	213.4	21,300	150
160																7.4	172.6	21,900	35.1	201.4	19,300	160
170																			18.6	180.8	17,500	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	116,200 b																60
65	56.2	254.2	101,500 *	67.1	261.2	104,700 b																65
70	52.2	250.4	91,300 *	63.6	258.8	95,100 b																70
75	48.0	246.1	82,800 *	60.0	256.1	87,100	66.4	259.3	82,600 b													75
80	43.5	241.1	75,600 *	56.2	252.8	80,200	62.8	256.9	76,000 b													80
85	38.6	235.2	69,400 *	52.2	249.1	74,200	59.1	254.0	70,400													85
90	33.0	228.1	64,100 *	48.0	244.8	69,000	55.3	250.7	65,400													90
95	26.4	219.0	59,400 *	43.5	239.8	64,400	51.3	246.8	61,000	62.6	253.3	55,400										95
100	17.6	206.2	55,300 *	38.6	233.9	60,300	47.0	242.4	57,200	58.9	250.4	51,900										100
105				33.0	226.7	56,700	42.5	237.2	53,700	55.0	247.1	48,700										105
110				26.4	217.7	53,300	37.4	231.1	50,500	51.0	243.2	45,800										110
115				17.6	204.8	50,300	31.7	223.6	47,700	46.7	238.7	43,200										115
120							24.7	213.9	45,100	42.1	233.4	40,900	54.5	241.9	36,700							120
130										31.2	219.6	36,700	46.1	233.4	32,900							130
140										14.0	194.6	33,100	36.3	221.6	29,700	49.4	231.1	26,300				140
150													23.0	203.4	26,900	40.3	220.8	23,800				150
160																28.8	205.8	21,600	43.5	217.5	18,800	160
170																6.9	173.2	19,500	33.0	204.4	17,100	170
180																			17.5	182.4	15,500	180



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	104,200 b																65
70	56.6	262.9	91,200 *	66.4	269.9	94,600																70
75	53.0	259.2	82,700 *	63.2	267.5	86,600																75
80	49.3	255.1	75,500 *	60.0	264.7	79,700	65.7	268.0	75,500													80
85	45.4	250.4	69,300 *	56.6	261.5	73,800	62.5	265.5	69,800													85
90	41.1	244.9	64,000 *	53.0	257.9	68,600	59.2	262.7	64,900													90
95	36.5	238.5	59,300 *	49.3	253.8	64,000	55.8	259.4	60,500													95
100	31.3	230.9	55,100 *	45.4	249.1	59,900	52.2	255.7	56,700	62.3	262.0	51,300										100
105	25.0	221.2	51,500 *	41.1	243.6	56,300	48.5	251.4	53,200	59.0	259.1	48,100										105
110	16.7	207.6	48,100 *	36.5	237.2	53,000	44.5	246.5	50,100	55.6	255.8	45,300										110
115				31.2	229.5	50,000	40.1	240.9	47,300	52.0	252.0	42,700										115
120				25.0	219.9	47,300	35.4	234.3	44,700	48.2	247.7	40,400										120
130							23.4	216.0	40,100	39.8	237.1	36,200	51.4	246.8	32,300							130
140										29.5	222.2	32,700	43.6	237.4	29,200							140
150										13.3	195.7	29,600	34.3	224.7	26,400	46.7	235.5	23,200				150
160													21.8	205.3	24,000	38.1	224.2	21,100				160
170																27.2	208.2	19,200	41.1	221.3	16,500	170
180																6.5	173.7	17,300	31.2	207.2	15,000	180
190																			16.6	183.8	13,500	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	94,200																70
75	56.9	271.5	85,200 *	65.8	278.7	86,100																75
80	53.7	268.0	77,700 *	62.9	276.2	79,300																80
85	50.4	264.0	71,300 *	60.0	273.4	73,300	65.2	276.7	69,300													85
90	46.9	259.5	65,800 *	56.9	270.2	68,100	62.3	274.2	64,400													90
95	43.1	254.4	60,900 *	53.7	266.7	63,600	59.3	271.3	60,100													95
100	39.1	248.5	56,700 *	50.4	262.7	59,500	56.2	268.1	56,200													100
105	34.7	241.7	52,900 *	46.8	258.2	55,900	53.0	264.4	52,700	62.1	270.6	47,600										105
110	29.7	233.5	49,500 *	43.1	253.0	52,600	49.6	260.3	49,600	59.1	267.7	44,700										110
115	23.8	223.3	46,400 *	39.1	247.2	49,600	46.0	255.7	46,800	56.0	264.5	42,200										115
120	15.9	209.0	43,400 *	34.7	240.3	46,900	42.3	250.4	44,300	52.7	260.8	39,900										120
130				23.8	222.0	42,200	33.7	237.3	39,800	45.8	252.0	35,800	55.5	259.4	31,800							130
140							22.3	217.9	35,900	37.9	240.5	32,300	48.9	251.4	28,700							140
150										28.1	224.7	29,300	41.4	241.2	25,900	51.5	248.8	22,700				150
160										12.6	196.8	26,600	32.6	227.6	23,600	44.4	239.6	20,500				160
170													20.7	207.1	21,500	36.2	227.5	18,700	46.8	235.8	15,900	170
180																25.9	210.5	17,000	39.1	224.8	14,400	180
190																6.2	174.2	15,400	29.7	209.8	13,100	190
200																			15.8	185.1	11,800	200



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	93,700																70
75	60.0	283.4	84,600 *	68.0	289.6	85,600																75
80	57.2	280.2	77,300 *	65.4	287.4	78,800																80
85	54.3	276.7	70,900 *	62.7	284.8	72,800	67.4	287.7	68,800													85
90	51.2	272.8	65,400 *	60.0	282.0	67,700	64.8	285.4	63,900													90
95	48.1	268.5	60,500 *	57.1	278.9	63,100	62.1	282.9	59,500													95
100	44.7	263.6	56,300 *	54.2	275.4	59,000	59.4	280.0	55,700													100
105	41.2	258.2	52,500 *	51.2	271.5	55,400	56.5	276.8	52,200													105
110	37.4	251.9	49,100 *	48.0	267.2	52,200	53.6	273.2	49,100	61.9	279.3	44,200										110
115	33.2	244.7	46,000 *	44.7	262.3	49,200	50.5	269.2	46,300	59.2	276.4	41,600										115
120	28.4	236.1	43,200 *	41.2	256.8	46,500	47.3	264.8	43,800	56.3	273.2	39,300										120
130	15.2	210.3	38,100 *	33.1	243.3	41,800	40.4	254.1	39,300	50.3	265.6	35,200										130
140				22.7	224.0	37,800	32.2	240.2	35,500	43.7	256.0	31,800	52.9	264.4	28,100							140
150							21.3	219.8	32,200	36.2	243.8	28,800	46.6	255.8	25,400							150
160										26.9	227.1	26,200	39.6	244.8	23,000	49.1	253.5	19,900				160
170										12.0	197.8	23,800	31.2	230.4	21,000	42.4	243.5	18,100				170
180													19.8	208.9	19,100	34.6	230.7	16,400	44.7	240.0	13,800	180
190																24.8	212.7	15,000	37.3	228.2	12,500	190
200																5.9	174.6	13,500	28.4	212.4	11,300	200
210																			15.0	186.4	10,200	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	85,300																75
80	60.0	292.0	76,400 *	67.4	298.3	78,500																80
85	57.4	288.9	70,800 *	65.0	296.0	72,600																85
90	54.7	285.5	65,300 *	62.5	293.5	67,400	66.9	296.4	63,600													90
95	51.9	281.7	60,400 *	60.0	290.7	62,800	64.4	294.1	59,200													95
100	49.1	277.5	56,100 *	57.4	287.6	58,800	61.9	291.5	55,400													100
105	46.0	272.8	52,300 *	54.7	284.2	55,200	59.4	288.7	52,000													105
110	42.9	267.6	48,900 *	51.9	280.3	51,900	56.8	285.5	48,900													110
115	39.5	261.8	45,900 *	49.0	276.1	49,000	54.1	282.0	46,100	61.8	288.0	41,300										115
120	35.8	255.2	43,100 *	46.0	271.5	46,300	51.3	278.1	43,600	59.2	285.1	39,000										120
130	27.3	238.5	38,300 *	39.5	260.4	41,600	45.4	269.0	39,100	53.9	278.3	35,000										130
140	14.5	211.5	33,900 *	31.8	246.2	37,600	38.7	257.7	35,400	48.2	270.1	31,500	56.2	276.8	27,800							140
150				21.8	225.9	34,200	30.8	242.9	32,100	41.9	259.9	28,600	50.7	269.2	25,100							150
160							20.4	221.6	29,200	34.7	247.0	26,000	44.7	259.9	22,800	52.9	266.4	19,700				160
170										25.8	229.4	23,800	37.9	248.3	20,800	47.1	257.9	17,800				170
180										11.5	198.8	21,700	29.9	233.1	19,000	40.6	247.2	16,200				180
190													19.0	210.5	17,300	33.2	233.6	14,800	42.8	243.9	12,300	190
200																23.8	214.8	13,400	35.8	231.5	11,100	200
210																5.7	175.1	12,100	27.2	214.8	10,000	210
220																			14.4	187.7	9,000	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	78,000																80
85	60.0	300.7	69,100 *	66.9	307.0	72,100																85
90	57.6	297.6	64,800 *	64.6	304.7	66,900																90
95	55.1	294.2	60,000 *	62.3	302.2	62,400	66.4	305.2	58,700													95
100	52.5	290.5	55,700 *	60.0	299.4	58,300	64.1	302.8	54,900													100
105	49.9	286.4	51,900 *	57.6	296.3	54,700	61.8	300.2	51,500													105
110	47.2	281.9	48,500 *	55.1	292.9	51,500	59.4	297.3	48,400													110
115	44.3	276.9	45,400 *	52.5	289.1	48,600	57.0	294.2	45,600													115
120	41.2	271.4	42,600 *	49.9	285.0	45,900	54.5	290.7	43,100	61.6	296.6	38,400										120
130	34.5	258.3	37,800 *	44.2	275.6	41,200	49.3	282.7	38,600	56.9	290.6	34,400										130
140	26.2	240.8	33,800 *	38.0	263.9	37,200	43.6	273.0	34,900	51.8	283.2	31,000										140
150	14.0	212.7	30,000 *	30.6	248.9	33,800	37.2	261.0	31,700	46.3	274.4	28,100	54.0	281.9	24,500							150
160				21.0	227.7	30,800	29.7	245.6	28,900	40.3	263.6	25,500	48.7	273.8	22,200							160
170							19.7	223.3	26,400	33.4	250.0	23,300	43.0	263.9	20,200	50.8	271.2	17,200				170
180										24.8	231.6	21,300	36.5	251.6	18,400	45.2	262.1	15,600				180
190										11.1	199.7	19,400	28.8	235.7	16,800	39.1	250.8	14,200	47.1	258.2	11,600	190
200													18.3	212.1	15,300	31.9	236.5	12,900	41.2	247.7	10,500	200
210																22.9	216.8	11,700	34.4	234.6	9,500	210
220																5.4	175.5	10,500	26.2	217.1	8,500	220
230																			13.9	188.8	7,600	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	77,500																80
85	62.2	312.2	65,900 *	68.5	317.9	71,600																85
90	60.0	309.3	62,700 *	66.4	315.8	66,500																90
95	57.7	306.3	59,400 *	64.3	313.4	61,900																95
100	55.4	302.9	56,200 *	62.2	310.8	57,900	66.0	313.9	54,400													100
105	53.1	299.2	52,700 *	60.0	308.0	54,300	63.8	311.5	51,000													105
110	50.6	295.2	49,200 *	57.7	304.9	51,000	61.7	308.9	47,900													110
115	48.1	290.9	46,100 *	55.4	301.6	48,100	59.5	306.0	45,100													115
120	45.4	286.1	43,200 *	53.1	297.9	45,400	57.2	302.8	42,600													120
130	39.7	275.0	38,300 *	48.1	289.5	40,800	52.5	295.7	38,200	59.3	302.4	33,900										130
140	33.2	261.3	34,200 *	42.7	279.5	36,800	47.5	287.1	34,400	54.7	295.8	30,500										140
150	25.3	243.1	30,600 *	36.6	267.2	33,400	42.0	276.9	31,200	49.9	287.9	27,600	56.7	294.1	24,000							150
160	13.5	213.9	25,900 *	29.5	251.6	30,500	35.9	264.3	28,400	44.6	278.5	25,100	52.0	286.8	21,700							160
170				20.2	229.5	27,900	28.6	248.1	26,000	38.8	267.1	22,800	47.0	278.1	19,700							170
180							19.0	224.9	23,800	32.2	252.9	20,900	41.4	267.7	17,900	48.9	275.8	15,100				180
190										23.9	233.7	19,100	35.2	254.8	16,400	43.6	266.1	13,700				190
200										10.7	200.6	17,400	27.8	238.1	14,900	37.7	254.2	12,400	45.4	262.4	10,000	200
210													17.6	213.6	13,600	30.8	239.3	11,300	39.7	251.3	8,900	210
220																22.1	218.7	10,200	33.2	237.6	8,000	220
230																5.2	175.9	9,100	25.2	219.3	7,100	230
240																			13.4	190.0	6,300	240



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	71,100																85
90	62.0	320.8	59,800 *	68.0	326.7	66,000																90
95	60.0	318.0	57,000 *	66.0	324.5	61,400																95
100	57.9	314.9	54,200 *	64.0	322.1	57,400	67.6	324.8	53,900													100
105	55.7	311.6	51,500 *	62.0	319.5	53,800	65.6	322.6	50,400													105
110	53.5	308.0	48,700 *	60.0	316.7	50,600	63.6	320.2	47,400													110
115	51.2	304.1	45,500 *	57.9	313.6	47,600	61.6	317.5	44,600													115
120	48.9	299.8	42,700 *	55.7	310.3	45,000	59.5	314.6	42,100													120
130	43.9	290.1	37,800 *	51.2	302.8	40,300	55.2	308.1	37,700	61.4	314.0	33,300										130
140	38.4	278.5	33,600 *	46.4	293.9	36,400	50.7	300.5	34,000	57.3	307.9	29,900										140
150	32.1	264.1	30,100 *	41.2	283.3	33,000	45.9	291.4	30,800	52.9	300.8	27,000										150
160	24.5	245.2	27,100 *	35.4	270.4	30,100	40.6	280.6	28,000	48.2	292.4	24,500	54.8	299.4	21,100							160
170	13.1	215.0	22,800 *	28.5	254.1	27,500	34.7	267.4	25,500	43.1	282.5	22,300	50.2	291.6	19,100							170
180				19.6	231.2	25,200	27.7	250.6	23,400	37.6	270.5	20,400	45.4	282.4	17,400	52.0	288.9	14,500				180
190							18.3	226.5	21,400	31.1	255.6	18,600	40.0	271.3	15,800	47.3	280.2	13,100				190
200										23.1	235.7	17,000	34.0	257.9	14,400	42.1	270.0	11,800				200
210										10.3	201.5	15,500	26.9	240.5	13,100	36.4	257.5	10,700	43.9	266.5	8,300	210
220													17.1	215.1	11,900	29.8	241.9	9,700	38.4	254.8	7,400	220
230																21.3	220.6	8,700	32.1	240.4	6,600	230
240																5.0	176.3	7,700	24.4	221.5	5,800	240
250																			12.9	191.1	5,000	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	65,700																90
95	61.9	329.5	54,500 *	67.5	335.4	61,100																95
100	60.0	326.7	52,100 *	65.7	333.2	57,100																100
105	58.0	323.6	49,700 *	63.8	330.8	53,500	67.1	333.5	50,100													105
110	56.0	320.3	47,300 *	61.9	328.2	50,300	65.3	331.3	47,100													110
115	53.9	316.7	44,900 *	60.0	325.3	47,400	63.4	328.8	44,300													115
120	51.8	312.9	42,400 *	58.0	322.3	44,700	61.5	326.2	41,800													120
130	47.3	304.2	37,400 *	53.9	315.4	40,100	57.6	320.2	37,400													130
140	42.5	294.1	33,300 *	49.6	307.4	36,100	53.5	313.2	33,700	59.4	319.7	29,600										140
150	37.2	281.9	29,800 *	45.0	298.0	32,800	49.1	305.1	30,500	55.4	313.2	26,800										150
160	31.2	266.9	26,800 *	39.9	286.9	29,800	44.4	295.5	27,700	51.2	305.6	24,200	57.1	311.5	20,800							160
170	23.7	247.3	24,100 *	34.3	273.5	27,300	39.4	284.2	25,300	46.7	296.8	22,000	53.0	304.4	18,900							170
180	12.7	216.1	20,300 *	27.7	256.6	25,000	33.6	270.5	23,200	41.8	286.3	20,100	48.6	296.1	17,100							180
190				19.0	232.9	22,900 *	26.8	253.0	21,200	36.4	273.8	18,400	43.9	286.4	15,600	50.3	293.6	12,800				190
200							17.8	228.1	19,500	30.2	258.3	16,800	38.8	274.9	14,100	45.8	284.5	11,600				200
210										22.4	237.7	15,400	33.0	260.8	12,900	40.8	273.7	10,400	47.3	280.6	8,000	210
220										10.0	202.4	14,000	26.0	242.8	11,700	35.3	260.7	9,400	42.5	270.4	7,100	220
230													16.5	216.6	10,600	28.9	244.5	8,500	37.2	258.2	6,300	230
240																20.7	222.4	7,600	31.1	243.2	5,500	240
250																4.9	176.7	6,700	23.7	223.6	4,800	250
260																			12.5	192.2	4,100	260



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	65,200																90
95	63.6	340.8	51,700 *	68.8	346.2	60,700																95
100	61.8	338.1	49,700 *	67.1	344.1	56,600																100
105	60.0	335.3	47,600 *	65.4	341.9	53,000																105
110	58.1	332.3	45,500 *	63.6	339.5	49,800	66.7	342.3	46,600													110
115	56.2	329.0	43,400 *	61.8	336.8	46,900	65.0	340.0	43,800													115
120	54.3	325.5	41,400 *	60.0	334.0	44,200	63.2	337.5	41,300													120
130	50.2	317.6	36,900 *	56.2	327.7	39,600	59.6	332.0	36,900													130
140	45.9	308.5	32,800 *	52.3	320.4	35,700	55.8	325.5	33,200	61.3	331.3	29,100										140
150	41.3	297.8	29,300 *	48.1	311.9	32,300	51.8	318.1	30,000	57.6	325.3	26,200										150
160	36.1	285.2	26,200 *	43.6	302.1	29,400	47.6	309.5	27,300	53.7	318.3	23,700										160
170	30.2	269.6	23,600 *	38.8	290.5	26,800	43.1	299.5	24,800	49.6	310.3	21,500	55.4	316.8	18,300							170
180	23.0	249.3	21,200 *	33.3	276.5	24,600	38.2	287.7	22,700	45.3	301.0	19,600	51.4	309.3	16,500							180
190	12.3	217.1	17,800 *	26.8	258.9	22,400 *	32.6	273.4	20,800	40.5	290.1	17,900	47.2	300.5	15,000	52.9	306.4	12,200				190
200				18.4	234.5	20,200 *	26.1	255.3	19,100	35.3	277.0	16,300	42.6	290.3	13,600	48.8	298.2	11,000				200
210							17.3	229.6	17,500	29.3	261.0	14,900	37.6	278.3	12,400	44.4	288.6	9,900				210
220										21.8	239.6	13,600	32.0	263.7	11,200	39.6	277.3	8,800	45.9	284.8	6,500	220
230										9.7	203.2	12,400	25.3	245.1	10,200	34.3	263.8	7,900	41.2	274.2	5,700	230
240													16.1	218.0	9,200	28.0	247.0	7,100	36.1	261.5	5,000	240
250																20.1	224.2	6,200	30.2	245.9	4,300	250
260																4.7	177.1	5,400				260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	56,200																100
105	61.7	346.8	45,400 *	66.8	352.9	52,600																105
110	60.0	344.0	43,600 *	65.1	350.6	49,400	68.0	353.1	46,100													110
115	58.2	340.9	41,800 *	63.4	348.1	46,500	66.4	351.0	43,300													115
120	56.4	337.7	40,000 *	61.7	345.5	43,800	64.7	348.7	40,800													120
130	52.7	330.5	36,500 *	58.2	339.6	39,200	61.3	343.5	36,500													130
140	48.8	322.2	32,600 *	54.6	332.9	35,300	57.8	337.5	32,800	62.9	342.6	28,600										140
150	44.6	312.6	29,100 *	50.8	325.1	31,900	54.2	330.7	29,600	59.5	337.0	25,700										150
160	40.1	301.5	26,000 *	46.7	316.3	29,000	50.3	322.8	26,800	55.9	330.6	23,300										160
170	35.1	288.3	23,300 *	42.4	306.0	26,500	46.3	313.8	24,400	52.1	323.3	21,100	57.4	328.9	17,800							170
180	29.4	272.3	20,900 *	37.7	293.9	24,200	41.9	303.3	22,300	48.2	314.8	19,200	53.8	321.9	16,100							180
190	22.4	251.3	18,800 *	32.4	279.4	22,100 *	37.1	291.0	20,400	44.0	305.0	17,400	49.9	313.9	14,500							190
200	11.9	218.2	15,700 *	26.1	261.3	19,900 *	31.7	276.2	18,700	39.4	293.7	15,900	45.8	304.8	13,200	51.4	311.3	10,500				200
210				17.9	236.0	17,900 *	25.3	257.5	17,100	34.3	280.1	14,500	41.4	294.1	11,900	47.4	302.6	9,400				210
220							16.8	231.0	15,700	28.5	263.5	13,200	36.6	281.6	10,800	43.2	292.6	8,400				220
230										21.2	241.5	12,100	31.1	266.5	9,700	38.5	280.8	7,400	44.6	289.0	5,200	230
240										9.5	204.0	10,900	24.6	247.2	8,800	33.3	266.8	6,600	40.1	277.8	4,500	240
250													15.6	219.3	7,900	27.3	249.4	5,800				250
260																19.5	225.9	5,100				260
270																4.6	177.4	4,300				270



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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			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	
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	48,900													110
115	60.0	352.6	39,900 *	64.8	359.3	46,000	67.6	361.9	42,800										115
120	58.3	349.6	38,400 *	63.2	356.8	43,400	66.1	359.7	40,300										120
130	54.9	342.9	35,300 *	60.0	351.3	38,700	62.9	354.9	36,000										130
140	51.3	335.3	32,100 *	56.6	345.1	34,800	59.6	349.3	32,300										140
150	47.5	326.6	28,500 *	53.1	337.9	31,500	56.2	342.9	29,100	61.2	348.6	25,200							150
160	43.4	316.6	25,400 *	49.4	329.8	28,600	52.7	335.7	26,400	57.8	342.6	22,700							160
170	39.0	305.1	22,700 *	45.5	320.5	26,000	49.0	327.4	24,000	54.3	335.8	20,600							170
180	34.2	291.4	20,400 *	41.3	309.7	23,800	45.0	318.0	21,800	50.7	328.0	18,600	55.9	334.2	15,500				180
190	28.6	274.8	18,300 *	36.7	297.2	21,500 *	40.8	307.1	19,900	46.9	319.2	16,900	52.3	326.9	14,000				190
200	21.8	253.2	16,400 *	31.5	282.2	19,300 *	36.1	294.3	18,300	42.8	309.0	15,400	48.6	318.5	12,600				200
210	11.6	219.1	13,500 *	25.4	263.5	17,400 *	30.9	279.0	16,700	38.4	297.1	14,000	44.6	308.9	11,400	50.0	316.0	8,800	210
220				17.4	237.5	15,600 *	24.7	259.7	15,300	33.4	283.1	12,800	40.3	297.8	10,300	46.1	306.9	7,800	220
230							16.3	232.5	14,000	27.7	266.0	11,600	35.6	284.8	9,200	42.0	296.4	6,900	230
240										20.6	243.3	10,500	30.3	269.2	8,300	37.5	284.2	6,100	240
250										9.2	204.8	9,500	23.9	249.3	7,400	32.4	269.7	5,300	250
260													15.2	220.6	6,600	26.5	251.8	4,600	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	116,300 b																60
65	44.5	238.3	101,300 *	61.1	249.4	104,800 b																65
70	38.2	232.4	91,200 *	56.2	246.2	95,300 b	65.2	250.3	90,200 b													70
75	30.8	224.8	82,700 *	51.1	242.4	87,300 b	60.6	247.6	82,600 b													75
80	21.0	214.0	75,500 *	45.5	237.8	80,400	55.7	244.3	76,100 b													80
85				39.3	232.1	74,400	50.5	240.4	70,400 b													85
90				32.1	224.9	69,200	44.8	235.7	65,500	61.0	244.3	59,300 b										90
95				22.9	214.8	64,500	38.6	229.9	61,100	56.2	241.1	55,300 b										95
100				3.1	191.3	60,100	31.2	222.4	57,200	51.0	237.3	51,800 b										100
105							21.6	211.9	53,700	45.4	232.7	48,600										105
110										39.2	227.0	45,800	56.3	236.3	40,900 b							110
115										32.0	219.7	43,200	51.2	232.5	38,600							115
120										22.8	209.6	40,800	45.6	227.9	36,500							120
130										32.2	215.0	32,700	50.8	226.0	28,900							130
140										4.1	182.5	29,300	38.9	215.6	26,000							140
150													22.3	197.9	23,500							150
160																44.0	212.9	20,400	30.1	199.1	18,500	160



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	115,800 b																60
65	51.5	251.9	101,900 *	65.0	260.7	104,400 b																65
70	46.7	247.4	91,600 *	61.0	258.0	94,900 b																70
75	41.5	242.1	83,100 *	56.7	254.9	86,900	64.6	258.9	82,100 b													75
80	35.6	235.6	75,900 *	52.3	251.2	80,000	60.5	256.2	75,600 b													80
85	28.7	227.4	69,700 *	47.5	246.9	74,100	56.2	253.0	69,900													85
90	19.6	215.7	64,300 *	42.4	241.7	68,900	51.8	249.3	65,000													90
95				36.6	235.4	64,300	47.0	244.8	60,700	60.9	253.0	54,700 b										95
100				29.9	227.5	60,200	41.8	239.6	56,800	56.7	249.8	51,200										100
105				21.4	216.7	56,400	35.9	233.1	53,400	52.2	246.1	48,100										105
110				2.8	191.4	52,900	29.1	225.0	50,200	47.5	241.8	45,300										110
115							20.2	213.6	47,300	42.3	236.6	42,700	56.8	245.0	38,000							115
120										36.5	230.3	40,300	52.3	241.3	35,900							120
130										21.2	211.5	36,200	42.4	231.8	32,200							130
140													30.0	217.7	29,000							140
150													3.7	182.7	26,100							150
160																47.2	230.5	25,400				160
170																36.3	218.9	23,000				160
																20.7	199.7	20,800	41.0	216.7	17,900	160
																28.0	201.6	16,200				170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	103,900 b																65
70	52.5	260.7	91,900 *	64.5	269.4	94,500 b																70
75	48.3	256.5	83,300 *	60.9	266.7	86,500	67.6	269.9	81,600 b													75
80	43.8	251.5	76,100 *	57.1	263.6	79,600	64.1	267.6	75,100 b													80
85	38.9	245.7	69,900 *	53.2	260.0	73,700	60.4	264.9	69,500													85
90	33.4	238.6	64,500 *	49.0	255.9	68,500	56.7	261.7	64,600													90
95	27.0	229.7	59,800 *	44.6	251.0	64,000	52.7	258.1	60,300													95
100	18.4	217.3	55,600 *	39.8	245.4	59,900	48.6	253.9	56,400	60.8	261.6	50,700										100
105				34.4	238.6	56,200	44.1	248.9	53,000	57.0	258.5	47,600										105
110				28.1	230.1	52,900	39.2	243.2	49,900	53.1	254.9	44,800										110
115				20.1	218.4	49,900	33.8	236.2	47,100	49.0	250.8	42,300										115
120				2.6	191.5	47,000	27.3	227.4	44,500	44.6	245.9	39,900	57.1	253.7	35,400							120
130										34.3	233.4	35,900	49.1	246.0	31,700							130
140										19.9	213.2	32,400	39.9	235.5	28,600	52.9	243.7	24,900				140
150													28.2	220.2	25,900	44.3	234.6	22,500				150
160													3.5	182.9	23,400	34.1	222.0	20,500	48.0	231.2	17,400	160
170																19.5	201.4	18,600	38.5	220.2	15,800	170
180																26.4	204.0	14,300				180



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	103,400 b																65
70	56.8	273.1	91,900 *	67.2	280.4	94,000 b																70
75	53.3	269.5	83,300 *	64.0	278.1	86,000																75
80	49.6	265.4	76,000 *	60.8	275.4	79,100	66.8	278.7	74,500 b													80
85	45.7	260.7	69,700 *	57.4	272.3	73,200	63.7	276.3	69,000													85
90	41.5	255.3	64,300 *	53.9	268.8	68,100	60.4	273.6	64,100													90
95	36.8	249.0	59,600 *	50.2	264.8	63,500	57.0	270.4	59,800													95
100	31.6	241.5	55,400 *	46.3	260.2	59,500	53.5	266.9	55,900													100
105	25.5	232.0	51,700 *	42.2	254.9	55,900	49.8	262.8	52,500	60.7	270.3	47,000										105
110	17.4	218.8	48,400 *	37.6	248.8	52,600	45.9	258.1	49,400	57.3	267.2	44,200										110
115				32.6	241.5	49,600	41.7	252.8	46,700	53.8	263.7	41,700										115
120				26.6	232.4	46,900	37.1	246.5	44,100	50.2	259.7	39,400										120
130				2.4	191.6	42,000	25.9	229.7	39,600	42.1	249.8	35,400	53.9	258.9	31,100							130
140										32.5	236.3	31,900	46.4	250.3	28,100							140
150										18.9	214.8	28,900	37.7	238.9	25,400	50.0	248.4	21,900				150
160													26.7	222.6	23,100	41.9	238.5	19,900				160
170													3.2	183.2	20,900	32.2	224.9	18,000	45.3	235.4	15,100	170
180																18.4	203.0	16,400	36.4	223.5	13,700	180
190																			24.9	206.2	12,400	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	93,500 b																70
75	57.1	281.8	84,400 *	66.5	289.1	85,500																75
80	53.9	278.3	78,200 *	63.7	286.7	78,700																80
85	50.6	274.3	71,700 *	60.7	284.0	72,800	66.2	287.4	68,400													85
90	47.1	269.8	66,100 *	57.6	281.0	67,600	63.3	285.0	63,600													90
95	43.4	264.7	61,200 *	54.5	277.5	63,100	60.4	282.2	59,300													95
100	39.4	258.9	56,900 *	51.2	273.6	59,000	57.3	279.1	55,500													100
105	35.0	252.2	53,100 *	47.7	269.2	55,400	54.1	275.6	52,100													105
110	30.1	244.2	49,700 *	44.0	264.3	52,200	50.8	271.7	49,000	60.6	278.9	43,700										110
115	24.3	234.1	46,600 *	40.1	258.6	49,200	47.3	267.2	46,200	57.6	275.9	41,200										115
120	16.6	220.2	43,800 *	35.8	252.0	46,600	43.6	262.2	43,700	54.4	272.4	38,900										120
130				25.3	234.7	41,800	35.3	249.7	39,200	47.7	264.1	34,900	57.7	271.1	30,600							130
140				2.2	191.8	37,600	24.6	231.9	35,400	40.0	253.5	31,500	51.2	263.7	27,500							140
150										30.9	239.1	28,500	44.1	254.4	24,900							150
160										18.0	216.4	25,900	35.9	242.2	22,600	47.5	252.8	19,300				160
170													25.4	224.8	20,600	39.9	242.1	17,500				170
180													3.0	183.3	18,600	30.7	227.6	15,900	43.1	239.4	13,200	180
190																17.6	204.6	14,500	34.7	226.7	11,900	190
200																23.7	208.3	10,700	23.7	208.3	10,700	200



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	85,000																75
80	57.4	290.5	76,100 *	66.0	297.8	78,200																80
85	54.5	287.0	71,300 *	63.4	295.4	72,300																85
90	51.4	283.1	65,700 *	60.6	292.7	67,100	65.7	296.1	63,000													90
95	48.3	278.8	60,800 *	57.8	289.6	62,600	63.0	293.6	58,700													95
100	45.0	274.0	56,500 *	55.0	286.2	58,600	60.3	290.9	54,900													100
105	41.4	268.6	52,700 *	52.0	282.4	55,000	57.5	287.8	51,500													105
110	37.6	262.4	49,300 *	48.8	278.2	51,700	54.6	284.3	48,500													110
115	33.5	255.2	46,200 *	45.5	273.5	48,800	51.6	280.5	45,700	60.6	287.6	40,600										115
120	28.8	246.7	43,400 *	42.1	268.2	46,100	48.5	276.2	43,200	57.8	284.6	38,300										120
130	15.8	221.6	38,500 *	34.2	255.1	41,500	41.6	266.0	38,800	51.9	277.3	34,300										130
140				24.2	236.8	37,500	33.7	252.8	35,000	45.5	268.4	30,900	55.0	276.3	26,900							140
150				2.1	191.9	33,700 *	23.5	234.0	31,800	38.2	257.0	28,000	48.9	268.3	24,300							150
160										29.5	241.7	25,500	42.1	258.3	22,100	51.8	266.1	18,700				160
170										17.2	217.9	23,200	34.3	245.3	20,100	45.3	257.1	16,900				170
180													24.3	227.0	18,300	38.1	245.6	15,400	48.0	253.5	12,500	180
190													2.9	183.5	16,500	29.3	230.2	13,900	41.1	243.1	11,300	190
200																16.8	206.0	12,600	33.1	229.6	10,200	200
210																22.7	210.2	9,100	22.7	210.2	9,100	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	84,700																75
80	60.2	302.2	73,000 *	68.0	308.8	77,900																80
85	57.6	299.1	68,900 *	65.6	306.5	72,000																85
90	54.9	295.7	64,900 *	63.1	304.1	66,900	67.7	307.0	62,700													90
95	52.1	291.9	60,700 *	60.6	301.3	62,300	65.3	304.8	58,400													95
100	49.3	287.8	56,400 *	58.0	298.3	58,300	62.8	302.3	54,700													100
105	46.3	283.1	52,600 *	55.4	294.9	54,700	60.3	299.5	51,300													105
110	43.1	278.0	49,100 *	52.6	291.2	51,500	57.7	296.5	48,200													110
115	39.7	272.2	46,100 *	49.8	287.1	48,600	55.0	293.1	45,500													115
120	36.1	265.6	43,300 *	46.8	282.6	45,900	52.3	289.3	43,000	60.5	296.3	38,000										120
130	27.6	249.2	38,400 *	40.3	271.9	41,300	46.4	280.6	38,600	55.3	289.9	34,100										130
140	15.2	222.9	34,300 *	32.8	258.1	37,300	39.9	269.7	34,800	49.7	282.0	30,700	58.0	288.4	26,600							140
150				23.2	238.8	33,900	32.3	255.7	31,600	43.6	272.4	27,800	52.6	281.4	24,100							150
160				2.0	192.0	30,100 *	22.6	236.0	28,800	36.7	260.3	25,300	46.8	272.7	21,800							160
170										28.3	244.3	23,100	40.3	262.0	19,800	49.6	270.8	16,700				170
180										16.5	219.3	21,100	32.8	248.2	18,100	43.4	261.1	15,100				180
190													23.3	229.0	16,500	36.5	248.9	13,700	46.0	257.8	11,000	190
200													2.7	183.7	14,900	28.1	232.7	12,500	39.4	246.8	9,900	200
210																16.1	207.4	11,300	31.8	232.5	8,900	210
220																			21.8	212.2	8,000	220



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	77,400																80
85	60.1	310.9	66,100 *	67.4	317.5	71,500																85
90	57.7	307.8	62,600 *	65.2	315.2	66,400																90
95	55.3	304.4	59,100 *	62.9	312.8	61,900	67.2	315.8	57,900													95
100	52.7	300.7	55,700 *	60.5	310.0	57,900	64.9	313.5	54,100													100
105	50.1	296.7	52,400 *	58.2	307.0	54,300	62.6	311.0	50,700													105
110	47.3	292.2	49,100 *	55.7	303.7	51,100	60.3	308.2	47,700													110
115	44.5	287.3	45,900 *	53.2	300.0	48,100	57.9	305.1	45,000													115
120	41.4	281.8	43,100 *	50.5	296.0	45,500	55.4	301.8	42,500	62.8	307.7	37,400										120
130	34.7	268.8	38,200 *	45.0	286.8	40,900	50.2	294.0	38,100	58.1	301.9	33,500										130
140	26.6	251.5	34,000 *	38.8	275.4	36,900	44.6	284.7	34,400	53.1	294.9	30,200										140
150	14.6	224.1	30,300 *	31.6	260.9	33,500	38.4	273.2	31,200	47.8	286.5	27,300	55.7	293.8	23,400							150
160				22.4	240.8	30,600	31.1	258.5	28,400	41.9	276.3	24,800	50.6	286.1	21,200							160
170				1.9	192.1	26,800 *	21.7	237.9	26,000	35.3	263.5	22,600	45.0	276.9	19,300	53.0	283.7	16,000				170
180										27.3	246.7	20,700	38.8	265.5	17,600	47.6	275.2	14,500				180
190										15.8	220.6	18,900	31.6	251.1	16,000	41.8	264.9	13,100				190
200													22.4	231.0	14,600	35.1	252.1	11,900	44.2	261.9	9,300	200
210													2.6	183.9	13,200	27.1	235.1	10,800	37.9	250.2	8,300	210
220																15.5	208.7	9,700	30.6	235.2	7,400	220
230																20.9	214.0	6,600	20.9	214.0	6,600	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	76,900																80
85	62.3	322.3	63,100 *	69.0	328.3	71,000																85
90	60.1	319.5	60,000 *	66.9	326.2	65,900																90
95	57.9	316.5	57,000 *	64.8	323.9	61,400																95
100	55.6	313.1	54,000 *	62.7	321.4	57,400	66.7	324.5	53,600													100
105	53.2	309.5	51,100 *	60.5	318.7	53,800	64.6	322.2	50,200													105
110	50.8	305.5	48,200 *	58.3	315.6	50,600	62.4	319.6	47,200													110
115	48.3	301.2	45,400 *	56.0	312.4	47,700	60.3	316.9	44,500													115
120	45.6	296.4	42,800 *	53.6	308.8	45,000	58.0	313.8	42,000													120
130	40.0	285.4	38,000 *	48.7	300.6	40,400	53.4	306.9	37,600	60.5	313.6	33,000										130
140	33.5	271.8	33,700 *	43.3	290.8	36,500	48.4	298.6	33,900	56.0	307.3	29,600										140
150	25.6	253.8	30,000 *	37.4	278.8	33,100	43.0	288.7	30,700	51.2	299.8	26,800										150
160	14.1	225.3	26,300 *	30.4	263.6	30,200	37.0	276.5	28,000	46.0	290.8	24,300	53.7	298.9	20,700							160
170				21.6	242.7	27,600	30.0	261.2	25,600	40.4	280.0	22,100	48.7	290.7	18,800							170
180				1.8	192.2	22,900 *	21.0	239.7	23,400	34.0	266.6	20,200	43.4	280.9	17,100	51.1	288.5	14,000				180
190										26.3	249.0	18,500	37.4	268.9	15,500	45.9	279.5	12,600				190
200										15.3	222.0	16,900	30.5	253.8	14,100	40.3	268.6	11,400				200
210													21.6	232.9	12,900	33.9	255.1	10,300	42.6	265.8	7,800	210
220													2.5	184.1	11,600	26.1	237.5	9,300	36.6	253.5	6,900	220
230																14.9	210.0	8,300	29.5	237.9	6,100	230
240																			20.2	215.8	5,400	240



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	70,500																85
90	62.2	331.0	57,300 *	68.5	337.1	65,400																90
95	60.1	328.2	54,700 *	66.5	335.0	60,900																95
100	58.0	325.1	52,000 *	64.5	332.6	56,900																100
105	55.9	321.8	49,400 *	62.5	330.1	53,300	66.3	333.2	49,700													105
110	53.7	318.2	46,900 *	60.5	327.3	50,100	64.3	330.9	46,700													110
115	51.4	314.4	44,400 *	58.4	324.3	47,200	62.3	328.3	43,900													115
120	49.1	310.1	42,000 *	56.2	321.1	44,600	60.2	325.5	41,500													120
130	44.1	300.5	37,400 *	51.8	313.7	40,000	56.0	319.2	37,100	62.5	325.0	32,400										130
140	38.6	289.0	33,400 *	47.0	305.0	36,100	51.5	311.7	33,400	58.4	319.2	29,100										140
150	32.4	274.7	29,800 *	41.9	294.6	32,700	46.8	302.9	30,300	54.0	312.4	26,200										150
160	24.8	256.0	26,700 *	36.1	282.1	29,800	41.6	292.5	27,500	49.4	304.4	23,800	56.3	311.2	20,100							160
170	13.6	226.5	23,200 *	29.4	266.3	27,200	35.8	279.8	25,100	44.5	294.9	21,600	51.8	303.8	18,200							170
180				20.9	244.5	24,900	29.0	263.7	23,000	39.1	283.5	19,700	47.1	295.1	16,500							180
190				1.7	192.3	20,300 *	20.3	241.5	21,000	32.9	269.5	18,000	41.9	284.7	15,000	49.3	293.1	12,000				190
200										25.4	251.3	16,500	36.2	272.2	13,600	44.4	283.6	10,800				200
210										14.8	223.2	15,000	29.5	256.4	12,400	38.9	272.2	9,700	46.4	280.2	7,200	210
220													20.9	234.7	11,200	32.7	258.1	8,700	41.2	269.6	6,300	220
230													2.4	184.2	10,100	25.2	239.7	7,800	35.4	256.7	5,500	230
240																14.4	211.3	6,900	28.5	240.4	4,800	240
250																			19.5	217.5	4,100	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	65,100																90
95	62.1	339.7	52,300 *	68.0	345.8	60,600																95
100	60.1	336.9	50,000 *	66.1	343.7	56,600																100
105	58.1	333.8	47,700 *	64.3	341.3	53,000	67.8	344.1	49,400													105
110	56.1	330.5	45,400 *	62.4	338.8	49,800	65.9	341.9	46,400													110
115	54.1	327.0	43,200 *	60.4	336.0	46,900	64.1	339.6	43,600													115
120	51.9	323.2	41,000 *	58.5	333.0	44,300	62.2	337.0	41,200													120
130	47.5	314.6	36,800 *	54.4	326.2	39,700	58.3	331.1	36,800													130
140	42.7	304.4	33,000 *	50.1	318.4	35,800	54.2	324.3	33,100	60.4	330.9	28,800										140
150	37.4	292.4	29,600 *	45.6	309.2	32,400	49.9	316.4	30,000	56.4	324.7	25,900										150
160	31.4	277.5	26,500 *	40.6	298.3	29,500	45.3	307.1	27,300	52.3	317.4	23,500										160
170	24.0	258.1	23,900 *	35.0	285.2	27,000	40.3	296.2	24,900	47.8	308.9	21,300	54.4	316.4	17,900							170
180	13.2	227.6	20,600 *	28.5	268.8	24,700	34.7	282.9	22,700	43.1	298.9	19,400	50.2	308.5	16,200							180
190				20.2	246.3	22,700	28.1	266.2	20,800	37.8	287.0	17,700	45.6	299.3	14,700	52.2	306.1	11,700				190
200				1.7	192.4	18,000 *	19.6	243.2	19,100	31.9	272.4	16,200	40.6	288.5	13,300	47.7	297.6	10,500				200
210										24.7	253.4	14,800	35.0	275.4	12,100	43.0	287.5	9,500				210
220										14.3	224.5	13,500	28.6	259.0	11,000	37.7	275.6	8,500	45.0	284.4	6,000	220
230													20.3	236.5	10,000	31.7	260.9	7,600	39.9	273.3	5,300	230
240													2.3	184.4	8,900	24.5	241.8	6,700	34.3	259.8	4,500	240
250																14.0	212.5	5,900				250



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	60,100																95
100	61.9	348.3	47,700 *	67.5	354.6	56,100																100
105	60.1	345.5	45,700 *	65.8	352.4	52,600																105
110	58.3	342.5	43,700 *	64.0	350.0	49,400	67.3	352.9	45,800													110
115	56.4	339.2	41,700 *	62.2	347.4	46,500	65.6	350.6	43,100													115
120	54.4	335.7	39,800 *	60.4	344.6	43,800	63.8	348.2	40,600													120
130	50.4	327.9	36,000 *	56.7	338.4	39,200	60.2	342.8	36,300													130
140	46.1	318.8	32,500 *	52.8	331.2	35,300	56.5	336.6	32,700	62.2	342.3	28,200										140
150	41.4	308.2	29,200 *	48.6	322.9	32,000	52.5	329.3	29,500	58.5	336.6	25,400										150
160	36.3	295.7	26,300 *	44.2	313.3	29,100	48.4	320.9	26,800	54.7	329.9	23,000										160
170	30.5	280.2	23,700 *	39.4	301.9	26,600	43.9	311.2	24,400	50.7	322.1	20,800	56.7	328.5	17,300							170
180	23.3	260.2	21,300 *	34.0	288.3	24,300	39.1	299.7	22,300	46.4	313.2	18,900	52.8	321.4	15,600							180
190	12.8	228.7	18,100 *	27.7	271.3	22,300	33.7	285.9	20,400	41.8	302.7	17,200	48.6	313.1	14,100							190
200				19.6	248.0	20,500 *	27.3	268.7	18,700	36.7	290.3	15,700	44.2	303.4	12,800	50.6	310.9	9,900				200
210				1.6	192.5	15,800 *	19.1	244.9	17,200	30.9	275.2	14,400	39.4	292.1	11,600	46.3	301.9	8,900				210
220										23.9	255.6	13,100	34.0	278.4	10,500	41.7	291.4	7,900				220
230										13.9	225.7	11,900	27.7	261.4	9,500	36.6	278.9	7,000	43.6	288.4	4,700	230
240													19.7	238.2	8,500	30.8	263.7	6,200	38.7	276.8	4,000	240
250													2.2	184.5	7,500	23.8	243.9	5,400				250
260																13.6	213.6	4,700				260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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			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	
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	55,700													100
105	61.8	357.0	43,600 *	67.2	363.3	52,100													105
110	60.1	354.2	41,900 *	65.5	361.1	48,900													110
115	58.3	351.2	40,200 *	63.8	358.7	46,000	67.0	361.6	42,700										115
120	56.6	347.9	38,500 *	62.1	356.1	43,400	65.3	359.3	40,200										120
130	52.8	340.7	35,100 *	58.6	350.3	38,800	61.9	354.3	35,900										130
140	48.9	332.5	31,900 *	55.0	343.7	34,900	58.4	348.5	32,200										140
150	44.8	323.0	28,900 *	51.2	336.1	31,600	54.8	341.8	29,100	60.4	348.2	24,900							150
160	40.3	311.9	26,100 *	47.2	327.3	28,700	51.0	334.1	26,400	56.8	342.0	22,500							160
170	35.3	298.8	23,400 *	42.9	317.2	26,200	47.0	325.3	24,000	53.1	334.9	20,400							170
180	29.6	282.9	21,000 *	38.3	305.4	23,900	42.7	315.1	21,900	49.2	326.8	18,500	55.0	333.8	15,100				180
190	22.7	262.2	18,900 *	33.0	291.3	21,900	38.0	303.2	20,000	45.1	317.4	16,800	51.3	326.2	13,700				190
200	12.5	229.8	15,900 *	26.9	273.7	20,100 *	32.7	288.9	18,300	40.6	306.4	15,300	47.3	317.5	12,300				200
210				19.1	249.7	18,100 *	26.6	271.0	16,800	35.7	293.5	13,900	43.0	307.4	11,100	49.1	315.5	8,400	210
220				1.5	192.6	13,800 *	18.6	246.5	15,400	30.1	277.8	12,700	38.3	295.5	10,000	45.0	306.0	7,400	220
230										23.3	257.6	11,600	33.1	281.4	9,000	40.5	295.1	6,500	230
240										13.5	226.8	10,500	27.0	263.8	8,100	35.6	282.1	5,700	240
250													19.1	239.9	7,200	30.0	266.4	5,000	250
260													2.2	184.7	6,300	23.1	246.0	4,300	260



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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			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	
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	48,500													110
115	60.1	362.8	38,400 *	65.2	369.8	45,600													115
120	58.4	359.8	36,900 *	63.6	367.4	42,900	66.6	370.3	39,700										120
130	55.0	353.2	34,000 *	60.4	362.0	38,400	63.5	365.6	35,400										130
140	51.4	345.6	31,000 *	57.0	355.8	34,500	60.2	360.2	31,700										140
150	47.6	336.9	28,300 *	53.5	348.8	31,100	56.8	353.9	28,600	62.0	359.7	24,400							150
160	43.6	327.0	25,500 *	49.8	340.8	28,300	53.3	346.9	25,900	58.7	353.9	21,900							160
170	39.2	315.5	22,800 *	46.0	331.6	25,700	49.6	338.8	23,500	55.3	347.3	19,800							170
180	34.4	301.9	20,500 *	41.8	321.1	23,500	45.7	329.6	21,400	51.7	339.8	18,000	57.0	345.9	14,600				180
190	28.8	285.5	18,400 *	37.3	308.8	21,500	41.5	318.9	19,500	47.9	331.2	16,300	53.5	338.9	13,100				190
200	22.1	264.1	16,500 *	32.2	294.2	19,600 *	37.0	306.5	17,900	43.9	321.4	14,800	49.9	330.9	11,800				200
210	12.1	230.9	13,800 *	26.2	276.0	17,600 *	31.9	291.7	16,400	39.5	310.0	13,400	46.0	321.7	10,600	51.6	328.5	7,800	210
220				18.6	251.3	15,800 *	25.9	273.3	15,000	34.8	296.7	12,200	41.8	311.2	9,500	47.8	319.9	6,800	220
230				1.5	192.6	11,900 *	18.1	248.1	13,700	29.3	280.5	11,100	37.3	298.9	8,500	43.8	310.1	6,000	230
240										22.7	259.6	10,100	32.2	284.3	7,600	39.4	298.7	5,200	240
250										13.2	228.0	9,100	26.3	266.2	6,800	34.6	285.3	4,500	250
260													18.6	241.5	6,000				260
270													2.1	184.8	5,100				270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	104,000 b																65
70	38.7	242.8	91,800 *	57.5	257.0	94,600 b																70
75	31.3	235.4	83,300 *	52.4	253.3	86,600 b	62.2	258.4	81,500 b													75
80	21.8	224.9	76,000 *	46.9	248.9	79,800	57.4	255.4	75,100 b													80
85				40.9	243.5	73,800	52.3	251.7	69,500 b													85
90				34.0	236.7	68,600	46.9	247.3	64,600													90
95				25.5	227.6	64,000	40.8	241.9	60,300	58.7	252.5	54,000 b										95
100				12.0	211.9	59,800	33.9	235.1	56,500	53.7	249.0	50,600 b										100
105							25.4	225.9	53,000	48.4	244.8	47,500										105
110							11.7	210.1	49,700	42.5	239.7	44,700										110
115										35.9	233.4	42,200	54.7	244.6	37,300 b							115
120										27.9	225.0	39,800	49.4	240.5	35,200							120
130													37.3	229.6	31,600							130
140													19.3	210.1	28,400	44.2	229.6	24,700				140
150																30.4	216.0	22,300				150
160																			37.6	215.6	17,100	160
170																			20.0	196.6	15,400	170



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	103,500 b																65
70	47.0	257.8	91,000 *	62.0	268.7	94,100 b																70
75	41.8	252.5	83,600 *	57.8	265.7	86,100 b	65.9	269.6	81,000 b													75
80	36.0	246.1	76,300 *	53.4	262.1	79,300	61.9	267.1	74,600 b													80
85	29.2	238.0	70,100 *	48.7	257.9	73,400	57.7	264.1	69,000 b													85
90	20.3	226.7	64,700 *	43.7	253.0	68,300	53.3	260.5	64,200													90
95				38.1	247.0	63,700	48.7	256.3	59,900	63.0	264.1	53,400 b										95
100				31.7	239.6	59,700	43.6	251.4	56,100	58.9	261.2	50,000 b										100
105				23.7	229.7	56,000	38.0	245.4	52,600	54.5	257.8	46,900										105
110				11.1	212.8	52,600	31.6	237.9	49,500	50.0	253.8	44,200										110
115							23.6	228.0	46,700	45.0	249.0	41,700										115
120							10.9	210.9	44,000	39.6	243.4	39,400	55.4	253.3	34,600							120
130										26.0	227.3	35,300	46.0	244.9	31,000							130
140													34.7	232.7	28,000	51.3	243.3	24,000				140
150													18.0	211.7	25,200	41.2	233.4	21,700				150
160																28.3	218.5	19,700	46.3	230.8	16,500	160
170																			35.1	218.7	14,900	170
180																			18.6	198.2	13,400	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	103,100 b																65
70	52.8	271.0	87,700 *	65.3	279.9	93,700 b																70
75	48.6	266.8	83,900 *	61.7	277.3	85,700 b																75
80	44.2	261.9	77,000 *	58.0	274.3	78,900	65.3	278.3	74,100 b													80
85	39.3	256.1	70,700 *	54.2	270.9	73,100	61.7	275.7	68,600													85
90	33.9	249.2	65,200 *	50.1	266.9	67,900	58.0	272.7	63,700													90
95	27.5	240.4	60,400 *	45.7	262.2	63,400	54.1	269.3	59,500													95
100	19.1	228.3	56,100 *	41.0	256.8	59,400	50.0	265.2	55,700	62.7	272.7	49,500 b										100
105				35.8	250.3	55,800	45.7	260.6	52,300	59.0	269.8	46,400										105
110				29.8	242.3	52,500	41.0	255.1	49,200	55.2	266.5	43,700										110
115				22.3	231.6	49,500	35.7	248.6	46,400	51.2	262.6	41,200										115
120				10.4	213.7	46,700	29.7	240.6	43,900	46.9	258.2	39,000										120
130							10.2	211.8	39,300	37.2	246.8	35,000	51.9	258.3	30,500							130
140										24.5	229.5	31,600	43.2	248.9	27,500							140
150													32.6	235.6	24,900	48.1	247.8	21,200				150
160													16.9	213.1	22,600	38.7	236.9	19,200				160
170																26.6	220.8	17,500	43.5	234.8	14,400	170
180																			33.0	221.7	13,000	180
190																			17.5	199.7	11,700	190



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	93,200 b																70
75	53.5	279.8	80,800 *	64.8	288.6	85,200																75
80	49.9	275.7	75,600 *	61.6	286.0	78,500	67.9	289.3	73,500 b													80
85	45.9	271.1	70,600 *	58.2	283.0	72,600	64.8	287.0	68,000													85
90	41.8	265.7	65,000 *	54.8	279.6	67,500	61.5	284.4	63,200													90
95	37.2	259.5	60,200 *	51.1	275.7	63,000	58.2	281.4	58,900													95
100	32.0	252.0	56,000 *	47.3	271.3	59,000	54.7	278.0	55,200													100
105	26.0	242.7	52,200 *	43.2	266.2	55,400	51.1	274.1	51,800	62.4	281.4	45,800										105
110	18.1	229.9	48,800 *	38.8	260.3	52,100	47.3	269.7	48,700	59.1	278.5	43,100										110
115				33.9	253.3	49,200	43.2	264.6	46,000	55.7	275.2	40,600										115
120				28.2	244.8	46,500	38.7	258.7	43,500	52.1	271.5	38,400										120
130				9.8	214.5	41,700	28.1	243.1	39,000	44.3	262.3	34,500	56.3	270.7	29,900							130
140							9.6	212.6	35,200	35.2	250.0	31,100	49.1	262.9	26,900							140
150										23.2	231.5	28,200	40.8	252.6	24,400							150
160										30.9	238.4	22,100	45.5	252.1	18,600							160
170										16.0	214.5	20,100	36.6	240.3	16,900							170
180													25.2	223.1	15,300							180
190																41.1	238.6	12,400				190
200																31.2	224.5	11,200				200
																16.6	201.1	10,000				200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	92,600 b																70
75	57.3	292.0	77,600 *	67.2	299.6	84,700																75
80	54.2	288.5	72,900 *	64.4	297.3	78,000																80
85	50.8	284.6	68,400 *	61.4	294.6	72,100	67.2	298.0	67,500													85
90	47.4	280.1	64,000 *	58.4	291.7	67,000	64.3	295.7	62,700													90
95	43.7	275.1	59,900 *	55.3	288.3	62,500	61.4	293.1	58,400													95
100	39.7	269.4	55,900 *	52.0	284.5	58,500	58.4	290.1	54,700													100
105	35.4	262.7	52,300 *	48.6	280.3	54,900	55.2	286.7	51,300													105
110	30.5	254.8	49,000 *	45.0	275.5	51,700	52.0	282.9	48,300	62.2	290.1	42,500										110
115	24.7	244.9	45,900 *	41.1	270.0	48,800	48.5	278.7	45,500	59.2	287.2	40,100										115
120	17.2	231.4	43,200 *	36.9	263.7	46,100	44.9	273.9	43,000	56.1	283.9	37,900										120
130				26.8	247.1	41,500	36.8	262.0	38,600	49.5	276.1	33,900										130
140				9.4	215.3	37,400	26.8	245.5	34,900	42.1	266.2	30,600	53.5	275.8	26,400							140
150							9.2	213.3	31,600	33.5	253.0	27,800	46.6	267.3	23,800							150
160										22.0	233.4	25,200	38.8	256.2	21,600	50.4	265.7	18,100				160
170													29.4	241.0	19,700	43.2	256.1	16,400				170
180													15.2	215.8	17,900	34.8	243.4	14,800	46.8	253.2	11,800	180
190																24.0	225.2	13,500	39.1	242.2	10,700	190
200																			29.7	227.2	9,600	200
210																			15.8	202.4	8,600	210



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	84,200																75
80	57.6	300.7	70,100 *	66.7	308.3	77,500																80
85	54.7	297.2	66,000 *	64.0	306.0	71,600																85
90	51.7	293.4	62,100 *	61.3	303.3	66,500	66.6	306.7	62,100													90
95	48.5	289.1	58,300 *	58.5	300.3	62,000	64.0	304.4	57,900													95
100	45.2	284.3	54,700 *	55.7	297.0	58,000	61.3	301.7	54,100													100
105	41.7	279.0	51,200 *	52.7	293.3	54,500	58.5	298.7	50,800													105
110	37.9	272.8	48,000 *	49.6	289.2	51,300	55.6	295.4	47,700													110
115	33.8	265.7	45,000 *	46.4	284.6	48,400	52.7	291.7	45,000	62.0	298.7	39,500										115
120	29.1	257.4	42,300 *	42.9	279.4	45,700	49.6	287.6	42,500	59.3	295.8	37,300										120
130	16.4	232.8	37,500 *	35.2	266.9	41,100	42.9	277.8	38,200	53.5	289.0	33,400										130
140				25.6	249.4	37,100	35.2	265.2	34,500	47.2	280.6	30,100	57.0	288.1	25,700							140
150				8.9	216.0	33,600	25.6	247.7	31,300	40.2	269.9	27,200	51.0	280.7	23,200							150
160							8.7	214.1	28,400	32.0	255.8	24,800	44.5	271.4	21,000							160
170										21.1	235.3	22,500	37.1	259.6	19,100	48.1	270.2	15,700				170
180													28.1	243.5	17,400	41.3	259.9	14,200				180
190													14.5	217.0	15,800	33.3	246.4	12,900	44.7	257.3	10,000	190
200																22.9	227.2	11,700	37.3	245.5	9,000	200
210																			28.4	229.7	8,000	210
220																			15.0	203.7	7,100	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	77,200																80
85	57.8	309.3	63,600 *	66.1	317.0	71,400																85
90	55.1	306.0	60,100 *	63.7	314.6	66,300																90
95	52.3	302.2	56,700 *	61.2	312.0	61,800	66.1	315.5	57,600													95
100	49.5	298.1	53,400 *	58.6	309.0	57,800	63.7	313.0	53,800													100
105	46.5	293.5	50,200 *	56.0	305.7	54,200	61.2	310.4	50,500													105
110	43.3	288.3	47,200 *	53.3	302.1	51,000	58.6	307.4	47,500													110
115	40.0	282.6	44,400 *	50.5	298.1	48,100	56.0	304.1	44,800													115
120	36.4	276.1	41,700 *	47.5	293.7	45,500	53.3	300.5	42,300	61.9	307.4	37,000										120
130	27.9	259.8	37,000 *	41.1	283.2	40,900	47.5	292.1	38,000	56.7	301.3	33,100										130
140	15.8	234.2	33,000 *	33.8	269.9	37,000	41.1	281.6	34,300	51.2	293.9	29,800										140
150				24.6	251.6	33,600	33.8	268.3	31,100	45.2	284.8	27,000	54.5	293.3	23,000							150
160				8.6	216.7	30,500	24.5	249.9	28,300	38.6	273.4	24,600	48.9	285.3	20,800							160
170							8.4	214.7	25,800	30.7	258.6	22,400	42.6	275.3	18,900	52.0	283.3	15,500				170
180										20.2	237.0	20,400	35.6	262.8	17,200	46.1	274.5	14,000				180
190													26.9	245.9	15,700	39.6	263.5	12,700				190
200													13.9	218.2	14,300	31.9	249.3	11,500	42.8	261.3	8,700	200
210																22.0	229.1	10,400	35.8	248.8	7,800	210
220																			27.2	232.1	6,900	220
230																			14.4	205.0	6,100	230



M-250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	76,700																80
85	60.3	321.1	61,000 *	68.0	327.9	70,900																85
90	57.9	318.0	57,800 *	65.7	325.7	65,800																90
95	55.5	314.7	54,800 *	63.4	323.3	61,300	67.9	326.4	57,000													95
100	52.9	311.0	51,800 *	61.1	320.6	57,300	65.7	324.2	53,300													100
105	50.3	307.0	48,900 *	58.7	317.7	53,800	63.4	321.7	50,000													105
110	47.5	302.5	46,200 *	56.3	314.4	50,600	61.1	319.0	47,000													110
115	44.7	297.6	43,500 *	53.8	310.9	47,700	58.7	316.1	44,200													115
120	41.7	292.2	41,000 *	51.2	306.9	45,000	56.3	312.8	41,800													120
130	35.0	279.3	36,400 *	45.7	297.9	40,400	51.2	305.3	37,500	59.4	313.2	32,500										130
140	26.9	262.2	32,400 *	39.6	286.8	36,500	45.6	296.3	33,800	54.4	306.5	29,300										140
150	15.2	235.5	29,100 *	32.5	272.8	33,200	39.5	285.2	30,700	49.2	298.5	26,500	57.4	305.5	22,300							150
160				23.7	253.7	30,300	32.5	271.2	27,900	43.5	288.8	24,000	52.4	298.3	20,200							160
170				8.2	217.4	27,600	23.6	252.0	25,500	37.1	276.8	21,900	47.0	289.6	18,300							170
180							8.0	215.4	23,300	29.5	261.2	20,000	41.0	279.1	16,600	50.0	288.0	13,400				180
190										19.4	238.7	18,300	34.2	265.9	15,200	44.3	278.6	12,100				190
200													25.9	248.2	13,800	38.0	266.9	10,900				200
210													13.4	219.4	12,500	30.7	252.0	9,800	47.1	275.5	8,100	210
220																21.1	231.0	8,800	41.2	265.0	7,200	220
230																			34.4	251.9	6,400	230
240																			26.2	234.4	5,600	240
																			13.9	206.2	4,800	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	70,400																85
90	60.3	329.7	55,500 *	67.4	336.7	65,300																90
95	58.1	326.7	52,800 *	65.3	334.4	60,800																95
100	55.8	323.4	50,100 *	63.2	332.0	56,800	67.4	335.1	52,800													100
105	53.4	319.8	47,500 *	61.0	329.3	53,300	65.3	332.9	49,400													105
110	51.0	315.8	45,000 *	58.8	326.3	50,100	63.2	330.4	46,500													110
115	48.4	311.5	42,600 *	56.6	323.1	47,200	61.0	327.7	43,700													115
120	45.8	306.8	40,200 *	54.2	319.6	44,600	58.8	324.7	41,300													120
130	40.2	295.9	35,900 *	49.3	311.6	40,000	54.2	318.0	37,000	61.6	324.7	32,000										130
140	33.7	282.3	32,000 *	44.0	302.0	36,100	49.3	310.0	33,300	57.1	318.7	28,700										140
150	25.9	264.5	28,700 *	38.2	290.3	32,800	44.0	300.4	30,200	52.4	311.5	26,000										150
160	14.6	236.7	25,900 *	31.4	275.6	29,900	38.1	288.7	27,500	47.4	302.9	23,500	55.3	310.8	19,700							160
170				22.8	255.7	27,300	31.3	274.0	25,100	41.9	292.6	21,400	50.5	303.1	17,800							170
180				7.9	218.0	24,900	22.8	254.0	23,000	35.8	280.0	19,500	45.3	293.8	16,100							180
190							7.8	216.1	21,000	28.5	263.8	17,800	39.5	282.7	14,700	48.1	292.5	11,500				190
200										18.8	240.4	16,300	33.0	268.8	13,300	42.7	282.5	10,400				200
210													25.0	250.4	12,100	36.7	270.3	9,300	45.4	279.8	6,600	210
220													12.9	220.5	11,000	29.6	254.7	8,400	39.7	268.7	5,800	220
230																20.4	232.8	7,500	33.2	254.9	5,100	230
240																			25.2	236.6	4,400	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	64,800																90
95	60.3	338.4	50,600 *	67.0	345.4	60,300																95
100	58.2	335.4	48,300 *	65.0	343.1	56,400																100
105	56.0	332.1	45,900 *	63.0	340.7	52,800	67.0	343.8	48,900													105
110	53.8	328.5	43,700 *	61.0	337.9	49,600	65.0	341.6	45,900													110
115	51.6	324.6	41,400 *	58.9	335.0	46,700	63.0	339.1	43,200													115
120	49.2	320.4	39,300 *	56.8	331.8	44,100	61.0	336.4	40,800													120
130	44.3	310.9	35,200 *	52.4	324.6	39,500	56.8	330.2	36,500													130
140	38.8	299.4	31,600 *	47.6	316.0	35,700	52.3	323.0	32,800	59.4	330.5	28,200										140
150	32.6	285.3	28,300 *	42.5	305.9	32,300	47.6	314.4	29,700	55.2	323.9	25,400										150
160	25.1	266.8	25,500 *	36.9	293.7	29,500	42.5	304.3	27,000	50.6	316.3	23,000	57.7	322.8	19,000							160
170	14.2	238.0	23,100 *	30.3	278.4	26,900	36.9	292.0	24,600	45.8	307.2	20,900	53.4	315.8	17,200							170
180				22.1	257.6	24,600	30.3	276.7	22,500	40.5	296.3	19,000	48.7	307.6	15,600							180
190				7.7	218.7	22,200 *	22.0	255.9	20,600	34.6	283.1	17,400	43.7	297.9	14,100	51.3	305.7	10,900				190
200							7.5	216.7	18,900	27.6	266.2	15,800	38.2	286.2	12,800	46.5	296.9	9,800				200
210										18.1	241.9	14,500	31.9	271.7	11,600	41.3	286.3	8,700				210
220													24.2	252.6	10,500	35.5	273.5	7,800	43.9	283.8	5,200	220
230													12.5	221.5	9,400	28.6	257.2	6,900	38.4	272.2	4,500	230
240																19.7	234.5	6,100				240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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			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	
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	60,000													95
100	60.3	347.1	46,400 *	66.6	354.1	56,000													100
105	58.3	344.0	44,300 *	64.7	351.8	52,500													105
110	56.3	340.8	42,300 *	62.8	349.3	49,300	66.6	352.6	45,600										110
115	54.2	337.2	40,300 *	60.9	346.6	46,400	64.7	350.3	42,900										115
120	52.1	333.4	38,300 *	59.0	343.7	43,800	62.8	347.7	40,500										120
130	47.7	324.9	34,600 *	54.9	337.0	39,300	58.9	342.1	36,200										130
140	42.9	314.8	31,100 *	50.7	329.3	35,400	54.9	335.4	32,600	61.4	342.0	27,900							140
150	37.6	302.8	28,000 *	46.1	320.3	32,100	50.6	327.7	29,400	57.5	336.0	25,100							150
160	31.6	288.1	25,200 *	41.2	309.7	29,200	46.1	318.7	26,800	53.4	329.0	22,700							160
170	24.3	268.9	22,800 *	35.7	296.9	26,700	41.2	308.1	24,400	49.0	320.9	20,600	55.9	328.2	16,900				170
180	13.7	239.1	20,700 *	29.4	281.0	24,400	35.7	295.3	22,300	44.4	311.3	18,800	51.6	320.7	15,300				180
190				21.4	259.5	22,400	29.4	279.3	20,400	39.3	299.9	17,100	47.2	312.0	13,800				190
200				7.4	219.3	19,800 *	21.4	257.8	18,700	33.5	286.1	15,600	42.4	301.8	12,500	49.7	310.4	9,500	200
210							7.3	217.3	17,100	26.7	268.6	14,300	37.0	289.6	11,300	45.0	301.1	8,500	210
220										17.6	243.5	13,000	30.9	274.5	10,200	40.0	290.0	7,500	220
230													23.4	254.6	9,300	34.4	276.6	6,700	230
240													12.1	222.6	8,300	27.8	259.7	5,900	240
250																19.1	236.1	5,100	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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			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	
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	55,600													100
105	60.2	355.7	42,400 *	66.2	362.9	52,000													105
110	58.4	352.7	40,700 *	64.5	360.5	48,900	67.9	363.4	45,100										110
115	56.5	349.5	38,800 *	62.7	358.0	46,000	66.2	361.3	42,400										115
120	54.5	346.0	37,100 *	60.9	355.3	43,400	64.4	358.9	39,900										120
130	50.5	338.2	33,700 *	57.1	349.2	38,800	60.9	353.7	35,700										130
140	46.2	329.2	30,500 *	53.2	342.1	35,000	57.1	347.6	32,100										140
150	41.6	318.6	27,600 *	49.1	333.9	31,600	53.2	340.5	29,000	59.5	347.8	24,500							150
160	36.5	306.1	24,900 *	44.7	324.5	28,800	49.1	332.3	26,300	55.7	341.4	22,200							160
170	30.7	290.8	22,600 *	40.0	313.3	26,300	44.7	322.8	23,900	51.7	333.9	20,100	58.0	340.2	16,300				170
180	23.6	271.0	20,500 *	34.7	300.0	24,000	40.0	311.7	21,800	47.5	325.3	18,200	54.1	333.3	14,700				180
190	13.3	240.3	18,500 *	28.5	283.5	22,000	34.7	298.4	20,000	43.0	315.2	16,600	50.1	325.4	13,200				190
200				20.8	261.3	20,200	28.5	281.9	18,300	38.1	303.4	15,100	45.8	316.3	11,900	52.3	323.4	8,900	200
210				7.2	219.9	17,500 *	20.7	259.6	16,800	32.5	289.1	13,800	41.1	305.6	10,800	48.2	314.9	7,900	210
220							7.0	217.9	15,300	25.9	270.9	12,500	35.9	292.8	9,700	43.7	305.1	7,000	220
230										17.1	244.9	11,400	30.0	277.2	8,700	38.8	293.5	6,100	230
240													22.8	256.6	7,800	33.4	279.6	5,300	240
250													11.7	223.6	7,000	26.9	262.1	4,600	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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			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	
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	51,600													105
110	60.2	364.4	39,000 *	65.9	371.6	48,400													110
115	58.5	361.4	37,400 *	64.2	369.2	45,500	67.5	372.2	41,900										115
120	56.7	358.1	35,800 *	62.5	366.7	42,900	65.9	370.0	39,500										120
130	53.0	351.0	32,800 *	59.1	361.0	38,400	62.5	365.1	35,200										130
140	49.1	342.8	29,900 *	55.5	354.5	34,500	59.1	359.4	31,600										140
150	44.9	333.3	27,100 *	51.7	347.0	31,200	55.5	352.9	28,500	61.3	359.4	24,000							150
160	40.4	322.3	24,600 *	47.7	338.4	28,400	51.7	345.4	25,800	57.8	353.4	21,700							160
170	35.5	309.3	22,300 *	43.5	328.5	25,900	47.7	336.8	23,500	54.1	346.5	19,600							170
180	29.8	293.5	20,300 *	38.9	316.9	23,600	43.5	326.9	21,400	50.3	338.6	17,800	56.3	345.6	14,200				180
190	23.0	273.0	18,400 *	33.7	303.1	21,700	38.8	315.3	19,600	46.2	329.6	16,100	52.6	338.3	12,700				190
200	12.9	241.4	16,200 *	27.8	286.0	19,900	33.7	301.4	17,900	41.8	319.1	14,700	48.7	330.0	11,500				200
210				20.2	263.1	18,300	27.7	284.3	16,400	37.0	306.8	13,300	44.5	320.4	10,300	50.8	328.1	7,400	210
220				7.0	220.5	15,300 *	20.2	261.4	15,000	31.6	291.9	12,100	39.9	309.2	9,300	46.8	319.3	6,500	220
230							6.8	218.4	13,700	25.2	273.1	11,000	34.9	296.0	8,300	42.5	309.0	5,600	230
240										16.6	246.4	10,000	29.2	279.8	7,400	37.7	297.0	4,900	240
250													22.1	258.6	6,600	32.4	282.5	4,200	250
260													11.4	224.6	5,800				260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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			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	
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	45,100													115
120	58.5	370.0	34,400 *	64.0	377.9	42,500	67.2	380.9	38,900										120
130	55.1	363.4	31,700 *	60.8	372.6	37,900	64.0	376.3	34,700										130
140	51.5	355.9	29,000 *	57.4	366.5	34,100	60.8	371.0	31,100										140
150	47.7	347.2	26,500 *	53.9	359.6	30,800	57.4	364.9	28,000	62.8	370.7	23,500							150
160	43.7	337.4	24,200 *	50.3	351.7	27,900	53.9	358.0	25,400	59.6	365.1	21,100							160
170	39.4	325.9	22,000 *	46.4	342.7	25,400	50.3	350.1	23,000	56.2	358.8	19,100							170
180	34.6	312.5	20,000 *	42.3	332.4	23,200	46.4	341.1	21,000	52.6	351.5	17,200							180
190	29.1	296.1	18,200 *	37.8	320.3	21,200	42.3	330.7	19,100	48.9	343.2	15,600	54.7	350.8	12,200				190
200	22.4	275.0	16,600 *	32.8	306.0	19,500	37.8	318.7	17,500	45.0	333.7	14,200	51.1	343.1	10,900				200
210	12.6	242.5	14,000 *	27.0	288.4	17,800 *	32.8	304.4	16,000	40.7	322.8	12,800	47.3	334.4	9,800				210
220				19.7	264.8	16,000 *	27.0	286.7	14,600	36.1	310.0	11,600	43.3	324.4	8,700	49.4	332.8	5,900	220
230				6.8	221.0	13,300 *	19.6	263.1	13,400	30.8	294.7	10,500	38.9	312.7	7,800	45.5	323.5	5,000	230
240							6.7	219.0	12,100	24.6	275.3	9,500	34.0	299.0	6,900	41.3	312.8	4,300	240
250										16.2	247.8	8,600	28.4	282.3	6,100				250
260													21.6	260.5	5,300				260
270													11.1	225.5	4,600				270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	103,200 b																65
70	39.1	253.3	92,300 *	58.6	267.7	93,800 b																70
75	31.9	246.0	84,400 *	53.7	264.2	85,900 b	63.8	269.2	80,400 b													75
80	22.6	235.8	77,000 *	48.3	260.0	79,100	59.1	266.3	74,100 b													80
85				42.4	254.9	73,300	54.1	262.9	68,600 b													85
90				35.8	248.5	68,100	48.8	258.8	63,800													90
95				27.8	240.1	63,500	43.0	253.8	59,500	61.2	263.7	52,700 b										95
100				16.4	227.1	59,400	36.5	247.5	55,700	56.3	260.6	49,400 b										100
105							28.6	239.3	52,300	51.2	256.8	46,300 b										105
110							17.7	227.0	49,100	45.6	252.2	43,600										110
115										39.5	246.5	41,100										115
120										32.3	239.3	38,900	53.1	252.8	33,800 b							120
130										4.8	207.5	34,700	41.8	243.3	30,300							130
140													26.8	228.0	27,300							140
150																49.1	242.8	23,200				150
160																36.8	231.6	21,000				160
170																18.4	211.6	18,900	44.0	230.2	15,600	170
																30.1	216.5	14,100				



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	102,700 b																65
70	47.4	268.1	89,300 *	63.0	279.2	93,300 b																70
75	42.2	262.9	83,200 *	58.8	276.4	85,500 b	67.3	280.3	79,900 b													75
80	36.5	256.6	77,300 *	54.5	272.9	78,700	63.3	277.9	73,500 b													80
85	29.7	248.6	70,900 *	49.9	268.9	72,900	59.2	275.0	68,100 b													85
90	21.1	237.7	65,400 *	45.0	264.2	67,700	54.9	271.7	63,300													90
95				39.5	258.5	63,200	50.3	267.7	59,000													95
100				33.4	251.5	59,200	45.4	263.0	55,300	61.0	272.4	48,700 b										100
105				25.9	242.4	55,600	40.1	257.4	51,900	56.8	269.3	45,700										105
110				15.2	228.4	52,200	34.0	250.6	48,900	52.4	265.6	43,000										110
115							26.7	241.7	46,100	47.6	261.3	40,600										115
120							16.5	228.5	43,500	42.5	256.1	38,400										120
130										30.1	242.0	34,400	49.4	257.5	29,700							130
140										4.4	207.8	30,900	38.9	246.8	26,800							140
150													25.0	230.2	24,200	45.7	247.1	20,400				150
160																34.3	234.8	18,400				160
170																17.2	213.1	16,600	41.0	234.0	13,500	170
180																28.0	219.0	12,100	28.0	219.0	12,100	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	92,900 b																70
75	48.9	277.1	80,200 *	62.6	287.9	85,000 b																75
80	44.5	272.2	74,900 *	58.9	285.0	78,300	66.5	289.0	73,100 b													80
85	39.7	266.5	69,800 *	55.1	281.7	72,500	63.0	286.5	67,600 b													85
90	34.3	259.7	65,100 *	51.1	277.8	67,400	59.3	283.7	62,800													90
95	27.9	251.1	60,700 *	46.8	273.3	62,900	55.5	280.4	58,600													95
100	19.8	239.4	56,400 *	42.2	268.1	58,900	51.5	276.6	54,900													100
105				37.1	261.9	55,300	47.2	272.1	51,500	60.9	281.0	45,200										105
110				31.4	254.3	52,100	42.7	267.0	48,500	57.2	278.0	42,600										110
115				24.3	244.5	49,100	37.6	260.9	45,800	53.3	274.4	40,100										115
120				14.3	229.6	46,400	31.9	253.5	43,300	49.1	270.2	37,900										120
130							15.5	229.8	38,800	39.9	259.8	34,000	54.7	270.3	29,200							130
140										28.3	244.5	30,700	46.3	261.8	26,300							140
150										4.1	208.1	27,700	36.5	250.2	23,800	51.7	260.6	19,800				150
160													23.5	232.2	21,600	42.9	251.1	18,000				160
170																32.2	237.7	16,300	48.0	248.5	13,000	170
180																16.1	214.5	14,700	38.5	237.5	11,700	180
190																			26.4	221.3	10,500	190



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	92,400 b																70
75	53.8	290.0	77,100 *	65.6	299.1	84,500																75
80	50.1	286.0	72,300 *	62.4	296.6	77,800																80
85	46.2	281.4	67,700 *	59.1	293.7	72,000	65.9	297.7	67,000													85
90	42.1	276.1	63,200 *	55.6	290.4	66,900	62.7	295.2	62,300													90
95	37.5	270.0	59,100 *	52.0	286.6	62,400	59.4	292.3	58,100													95
100	32.4	262.6	55,200 *	48.3	282.4	58,500	55.9	289.1	54,400													100
105	26.4	253.5	51,700 *	44.3	277.4	54,900	52.4	285.4	51,000													105
110	18.7	241.0	48,500 *	39.9	271.8	51,700	48.6	281.1	48,000	60.8	289.7	41,900										110
115				35.1	265.1	48,800	44.6	276.3	45,300	57.5	286.6	39,500										115
120				29.7	257.0	46,100	40.3	270.7	42,800	54.0	283.1	37,300										120
130				13.5	230.7	41,400	30.2	256.2	38,500	46.4	274.6	33,500										130
140							14.7	231.0	34,700	37.7	263.2	30,200	51.6	275.2	25,700							140
150										26.8	246.9	27,400	43.8	265.9	23,200							150
160										3.8	208.4	24,700	34.6	253.3	21,100	48.8	265.2	17,300				160
170													22.2	234.2	19,200	40.6	254.8	15,700				170
180																30.5	240.4	14,200	45.3	252.7	11,000	180
190																15.3	215.8	12,800	36.4	240.8	9,900	190
200																24.9	223.5	8,900	24.9	223.5	8,900	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	84,000																75
80	54.4	298.8	69,700 *	65.1	307.8	77,300																80
85	51.1	294.9	65,500 *	62.2	305.2	71,500																85
90	47.6	290.5	61,400 *	59.1	302.4	66,400	65.3	306.4	61,700													90
95	43.9	285.5	57,600 *	56.0	299.1	62,000	62.4	303.9	57,600													95
100	40.0	279.8	53,900 *	52.8	295.4	58,000	59.4	301.0	53,800													100
105	35.7	273.2	50,500 *	49.4	291.3	54,400	56.3	297.8	50,500													105
110	30.8	265.4	47,400 *	45.9	286.6	51,300	53.1	294.1	47,500													110
115	25.2	255.7	44,500 *	42.1	281.3	48,400	49.7	290.1	44,800	60.8	298.4	39,000										115
120	17.8	242.5	41,900 *	38.0	275.2	45,700	46.2	285.5	42,400	57.7	295.3	36,800										120
130				28.2	259.5	41,100	38.4	274.2	38,100	51.2	288.0	33,000										130
140				12.9	231.8	37,100	28.7	258.7	34,400	44.1	278.7	29,700	55.7	287.7	25,100							140
150							14.0	232.2	31,100	35.9	266.5	26,900	49.0	279.8	22,700							150
160										25.5	249.2	24,500	41.6	269.7	20,600							160
170										3.6	208.6	22,200	32.9	256.2	18,700	46.4	269.5	15,100				170
180													21.1	236.0	17,000	38.6	258.3	13,700				180
190																29.0	243.0	12,400	43.1	256.7	9,400	190
200																14.5	217.0	11,200	34.7	244.0	8,400	200
210																23.7	225.6	7,400	23.7	225.6	7,400	210



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	76,800																80
85	54.9	307.5	63,200 *	64.7	316.5	71,000																85
90	51.9	303.7	59,500 *	62.0	313.9	65,900	67.5	317.3	61,200													90
95	48.7	299.4	56,000 *	59.2	311.0	61,500	64.9	315.1	57,000													95
100	45.4	294.7	52,700 *	56.4	307.8	57,500	62.2	312.5	53,300													100
105	42.0	289.3	49,500 *	53.4	304.2	54,000	59.5	309.7	50,000													105
110	38.2	283.3	46,400 *	50.4	300.2	50,800	56.6	306.5	47,000													110
115	34.1	276.3	43,600 *	47.2	295.7	47,900	53.7	302.9	44,300													115
120	29.5	268.0	41,000 *	43.8	290.7	45,300	50.7	298.9	41,900	60.7	307.0	36,200										120
130	17.0	244.0	36,500 *	36.3	278.5	40,700	44.1	289.5	37,600	55.0	300.6	32,400										130
140				27.0	261.9	36,800	36.6	277.5	33,900	48.9	292.6	29,200										140
150				12.3	232.8	33,300	27.5	261.2	30,800	42.1	282.6	26,400	53.1	292.8	22,100							150
160							13.3	233.4	28,000	34.3	269.6	24,000	46.8	284.2	20,000							160
170										24.3	251.3	21,800	39.8	273.4	18,100	50.8	282.9	14,500				170
180										3.4	208.8	19,800	31.4	259.1	16,500	44.3	273.6	13,100				180
190													20.2	237.8	15,000	36.8	261.7	11,800	48.0	270.8	8,700	190
200																27.7	245.4	10,600	41.1	260.5	7,700	200
210																13.9	218.2	9,500	33.1	247.0	6,800	210
220																22.7	227.6	6,000	22.7	227.6	6,000	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	76,500																80
85	57.9	319.6	60,900 *	66.7	327.5	70,700																85
90	55.3	316.2	57,600 *	64.3	325.2	65,700																90
95	52.5	312.5	54,400 *	61.8	322.6	61,200	67.0	326.1	56,700													95
100	49.7	308.4	51,300 *	59.3	319.7	57,300	64.5	323.8	53,000													100
105	46.7	303.8	48,300 *	56.7	316.5	53,700	62.1	321.2	49,700													105
110	43.6	298.7	45,500 *	54.0	312.9	50,600	59.5	318.3	46,700													110
115	40.2	293.0	42,800 *	51.2	309.0	47,700	56.9	315.2	44,100													115
120	36.6	286.6	40,300 *	48.2	304.7	45,100	54.2	311.7	41,600													120
130	28.3	270.5	35,800 *	42.0	294.5	40,500	48.5	303.5	37,300	58.1	312.7	32,100										130
140	16.3	245.4	32,100 *	34.8	281.7	36,600	42.3	293.4	33,700	52.7	305.6	28,900										140
150				25.9	264.2	33,200	35.1	280.7	30,600	46.8	297.0	26,200	56.4	305.1	21,800							150
160				11.8	233.8	30,300	26.3	263.5	27,900	40.4	286.3	23,800	50.9	297.6	19,700							160
170							12.8	234.4	25,400	32.9	272.5	21,700	44.9	288.4	17,900							170
180										23.3	253.4	19,800	38.1	276.8	16,300	48.7	287.5	12,800				180
190										3.2	209.1	18,000	30.1	261.8	14,800	42.4	277.5	11,600				190
200													19.4	239.5	13,500	35.3	264.8	10,400	46.0	275.1	7,500	200
210																26.6	247.8	9,400	39.4	264.1	6,600	210
220																13.3	219.4	8,400	31.8	249.8	5,800	220
230																			21.8	229.5	5,100	230



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Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	70,200																85
90	58.1	328.2	55,400 *	66.3	336.2	65,200																90
95	55.6	324.9	52,500 *	64.0	333.9	60,700																95
100	53.1	321.3	49,700 *	61.7	331.2	56,800	66.5	334.8	52,400													100
105	50.5	317.2	47,000 *	59.3	328.3	53,300	64.2	332.4	49,200													105
110	47.7	312.8	44,400 *	56.9	325.2	50,100	61.9	329.8	46,200													110
115	44.9	308.0	41,900 *	54.4	321.7	47,200	59.5	327.0	43,500													115
120	41.9	302.6	39,500 *	51.8	317.9	44,600	57.1	323.8	41,100													120
130	35.2	289.8	35,200 *	46.4	309.0	40,100	52.1	316.6	36,800	60.6	324.3	31,500										130
140	27.2	272.9	31,400 *	40.4	298.2	36,200	46.6	307.8	33,200	55.7	318.0	28,300										140
150	15.7	246.8	28,300 *	33.4	284.7	32,900	40.6	297.2	30,100	50.6	310.4	25,600										150
160				24.9	266.4	29,900	33.8	283.7	27,400	45.0	301.1	23,200	54.1	310.3	19,100							160
170				11.3	234.8	27,300	25.4	265.7	25,000	38.8	289.8	21,200	48.9	302.2	17,300							170
180							12.3	235.5	22,900	31.6	275.4	19,300	43.1	292.4	15,700	52.2	300.6	12,200				180
190										22.5	255.3	17,600	36.7	280.2	14,300	46.8	291.9	10,900				190
200										3.1	209.3	16,000	29.0	264.3	13,000	40.8	281.2	9,800				200
210													18.6	241.1	11,700	34.0	267.9	8,800	44.2	279.2	6,000	210
220																25.6	250.1	7,900	37.9	267.5	5,200	220
230																12.8	220.5	7,000	30.6	252.5	4,500	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 167,000 Lb. Counterweight
 360 Degree Rating

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

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	64,700																90
95	58.2	336.9	50,600 *	65.9	344.9	60,200																95
100	55.9	333.6	48,100 *	63.7	342.5	56,300																100
105	53.6	330.0	45,600 *	61.6	339.9	52,800	66.1	343.5	48,600													105
110	51.1	326.1	43,200 *	59.4	337.0	49,600	63.9	341.1	45,700													110
115	48.6	321.8	40,900 *	57.1	333.8	46,800	61.8	338.5	43,000													115
120	46.0	317.1	38,700 *	54.8	330.4	44,200	59.6	335.6	40,600													120
130	40.4	306.3	34,600 *	49.9	322.6	39,600	55.0	329.1	36,400	62.7	335.8	31,000										130
140	34.0	292.8	31,000 *	44.7	313.2	35,800	50.2	321.3	32,800	58.3	330.0	27,800										140
150	26.2	275.3	27,800 *	38.9	301.8	32,400	45.0	312.0	29,700	53.7	323.1	25,100										150
160	15.2	248.1	25,100 *	32.3	287.6	29,600	39.2	300.7	27,000	48.8	314.9	22,700	56.9	322.5	18,600							160
170				24.0	268.5	27,000	32.6	286.7	24,600	43.4	305.2	20,700	52.1	315.2	16,800							170
180				10.9	235.7	24,700	24.5	267.9	22,500	37.5	293.2	18,800	47.1	306.6	15,200							180
190							11.9	236.5	20,600	30.5	278.1	17,200	41.6	296.2	13,800	50.3	305.3	10,400				190
200										21.7	257.2	15,700	35.4	283.4	12,500	45.1	296.1	9,300				200
210										3.0	209.5	14,200	28.0	266.8	11,300	39.3	284.8	8,300				210
220													18.0	242.7	10,200	32.8	270.9	7,400	42.6	283.1	4,700	220
230																24.7	252.2	6,600	36.6	270.9	4,000	230
240																12.3	221.5	5,700				240