

Liftcrane Luffing Jib Capacities

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 Lb. Counterweight
360 Degree Rating**

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

2250 SERIES 1

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 for boom and luffing jib length combinations thru 250 Ft. and New York City criteria of 1.4 factor applied to total machine moment for boom and luffing jib length combinations 260 Ft. and up. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 4,800 Lb. minimum block weight. Capacities indicated by (c) require 7,800 Lb. minimum block weight.

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

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

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up and bearing turntable level within a tolerance of 1/2 in. in 10 Ft. and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 192086**, Wire Rope

Specification chart **No. 8044-A**, Counterweight Arrangement chart **No. 8026-A** and Luffing Jib Raising Procedure chart **No. 8048-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. 8046-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, boom support straps, 10 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays, and 169,200 Lb. counterweight.

Consult chart **No. 8124-A** for lifting off lower 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	
32	73.3	156.9	210,000 *c																			32
34	71.6	156.2	201,500 *c																			34
36	69.9	155.4	192,000 *b																			36
38	68.1	154.6	183,300 *b																			38
40	66.3	153.7	175,300 *b																			40
45	61.7	151.2	156,100 *b	68.2	154.0	180,900 b																45
50	56.9	148.1	134,400 *b	63.7	151.7	156,700 b	67.6	153.0	153,700 b													50
55	51.8	144.4	117,700 *	59.0	148.8	137,900 b	63.0	150.6	135,300 b													55
60	46.3	139.9	104,500 *	54.0	145.4	123,100	58.3	147.6	120,700 b													60
65	40.2	134.4	93,800 *	48.7	141.2	109,900 *	53.3	144.1	108,800	60.2	147.2	105,400 b										65
70	33.2	127.4	85,000 *	42.9	136.2	98,200 *	47.9	139.8	98,900	55.3	143.9	95,800										70
75	24.4	117.9	77,500 *	36.3	129.9	88,600 *	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	80,600 *	35.3	128.1	83,400	44.4	135.2	80,800	52.0	139.2	78,200							80
85				17.5	109.3	73,800 *	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	115



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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	
32	75.5	167.3	207,100 *c																			32
34	74.0	166.7	197,300 *c																			34
36	72.5	166.1	188,200 *b																			36
38	71.0	165.4	179,900 *b																			38
40	69.4	164.6	172,200 *b																			40
45	65.5	162.4	155,400 *b																			45
50	61.5	159.9	135,200 *	67.2	162.7	156,300 b																50
55	57.3	156.8	118,400 *	63.3	160.3	137,600 b	66.6	161.7	134,900 b													55
60	52.9	153.2	105,000 *	59.1	157.5	122,800	62.6	159.2	120,400 b													60
65	48.2	148.9	94,300 *	54.8	154.1	110,400 *	58.5	156.3	108,500													65
70	43.1	143.9	85,300 *	50.2	150.2	98,700 *	54.1	152.9	98,600	60.2	155.9	95,400										70
75	37.4	137.8	77,800 *	45.3	145.5	89,000 *	49.5	148.8	90,300	55.9	152.6	87,300										75
80	30.9	130.2	71,400 *	40.0	139.9	80,900 *	44.6	144.0	83,200	51.4	148.8	80,400	57.5	151.6	77,800							80
85	22.7	119.8	65,800 *	33.9	133.0	74,000 *	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	68,100 *	32.9	131.1	71,600	41.3	139.0	69,200	48.4	143.8	66,900							90
95				16.3	110.7	63,000 *	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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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	
34	75.8	177.1	192,900 *b																			34
36	74.5	176.5	184,400 *b																			36
38	73.2	175.9	176,500 *b																			38
40	71.8	175.3	169,100 *b																			40
45	68.4	173.4	152,900 *b																			45
50	64.9	171.1	135,800 *	69.9	173.5	156,000 b																50
55	61.3	168.5	118,800 *	66.4	171.5	137,300 b																55
60	57.6	165.5	105,400 *	62.9	169.0	122,400	65.9	170.4	120,000													60
65	53.7	161.9	94,500 *	59.2	166.1	110,300	62.4	167.9	108,100													65
70	49.6	157.9	85,500 *	55.4	162.8	99,000 *	58.7	165.0	98,300													70
75	45.2	153.1	78,000 *	51.4	159.0	89,200 *	54.8	161.6	90,000	60.1	164.5	87,000										75
80	40.5	147.6	71,500 *	47.2	154.6	81,100 *	50.8	157.7	82,900	56.4	161.3	80,100										80
85	35.2	141.0	65,900 *	42.6	149.4	74,200 *	46.5	153.2	76,700	52.4	157.6	74,100	57.8	160.3	71,600							85
90	29.1	132.7	61,000 *	37.5	143.3	68,300 *	41.8	147.9	71,300	48.2	153.4	68,900	53.9	156.8	66,500							90
95	21.3	121.7	56,700 *	31.8	135.8	63,100 *	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	58,600 *	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	54,500 *	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	170,200 *b																			38
40	73.7	185.8	165,000 *b																			40
45	70.7	184.1	149,600 *b																			45
50	67.6	182.1	135,900 *																			50
55	64.4	179.8	118,900 *	68.9	182.3	136,900																55
60	61.2	177.2	105,400 *	65.8	180.2	122,100																60
65	57.9	174.1	94,500 *	62.6	177.7	110,000	65.3	179.1	107,700													65
70	54.4	170.7	85,400 *	59.3	174.8	99,000 *	62.1	176.6	97,900													70
75	50.7	166.8	77,800 *	55.9	171.5	89,200 *	58.8	173.6	89,600													75
80	46.9	162.3	71,400 *	52.3	167.8	81,000 *	55.4	170.3	82,500	60.1	173.2	79,600										80
85	42.8	157.1	65,800 *	48.6	163.6	74,100 *	51.8	166.5	76,300	56.7	170.0	73,700										85
90	38.3	151.1	60,900 *	44.6	158.7	68,100 *	48.0	162.2	71,000	53.2	166.4	68,500	58.0	168.9	66,000							90
95	33.3	144.0	56,600 *	40.3	153.1	62,900 *	43.9	157.2	66,200	49.5	162.3	63,900	54.5	165.5	61,600							95
100	27.5	135.2	52,700 *	35.5	146.5	58,400 *	39.6	151.5	62,000	45.6	157.6	59,800	50.9	161.6	57,700							100
105	20.2	123.5	49,300 *	30.1	138.5	54,400 *	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	50,800 *	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	47,500 *	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



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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	159,800 *b																			40
45	72.5	194.7	146,800 *b																			45
50	69.7	192.9	134,300 *																			50
55	66.9	190.9	122,400 *	70.9	193.0	136,500																55
60	64.0	188.5	108,500 *	68.1	191.1	121,600																60
65	61.1	185.8	97,100 *	65.3	188.9	109,500	67.7	190.1	107,200													65
70	58.1	182.8	87,800 *	62.4	186.3	99,500	64.9	187.8	97,400													70
75	54.9	179.4	79,900 *	59.4	183.5	91,100	61.9	185.2	89,100													75
80	51.6	175.6	73,200 *	56.3	180.2	83,200 *	58.9	182.3	82,000													80
85	48.2	171.3	67,400 *	53.1	176.6	76,000 *	55.8	179.0	75,900	60.1	181.8	73,200										85
90	44.5	166.4	62,400 *	49.7	172.5	69,900 *	52.6	175.3	70,500	57.0	178.7	68,000										90
95	40.7	160.8	58,000 *	46.1	167.9	64,500 *	49.2	171.2	65,800	53.9	175.2	63,500										95
100	36.4	154.4	54,100 *	42.4	162.6	59,800 *	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	55,700 *	41.8	161.1	57,900	47.0	166.7	55,800	51.7	170.4	53,700							105
110	26.2	137.5	47,400 *	33.8	149.6	52,000 *	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	44,500 *	28.6	141.1	48,700 *	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	45,800 *	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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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	141,200 *																			45
50	71.5	203.5	131,200 *																			50
55	69.0	201.7	120,800 *																			55
60	66.4	199.6	108,200 *	70.1	201.8	121,200																60
65	63.7	197.2	96,800 *	67.5	199.8	109,200																65
70	61.0	194.5	87,400 *	64.9	197.6	99,100	67.1	198.8	97,000													70
75	58.2	191.5	79,600 *	62.2	195.0	90,700	64.5	196.5	88,700													75
80	55.3	188.1	72,800 *	59.4	192.1	82,800 *	61.8	193.9	81,600													80
85	52.4	184.4	67,000 *	56.6	188.9	75,600 *	59.0	191.0	75,500	62.8	193.3	72,700										85
90	49.3	180.2	62,000 *	53.7	185.4	69,500 *	56.2	187.7	70,100	60.1	190.5	67,600										90
95	46.0	175.6	57,600 *	50.6	181.4	64,100 *	53.2	184.1	65,400	57.3	187.4	63,000										95
100	42.5	170.3	53,600 *	47.4	177.0	59,400 *	50.1	180.1	61,200	54.4	183.9	59,000										100
105	38.8	164.4	50,100 *	44.0	172.0	55,300 *	46.9	175.5	57,500	51.4	180.0	55,300	55.5	182.9	53,200							105
110	34.8	157.6	47,000 *	40.5	166.4	51,600 *	43.5	170.5	54,100	48.2	175.7	52,100	52.5	179.2	50,100							110
115	30.3	149.5	44,100 *	36.6	159.9	48,300 *	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	40,200 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	132,900 *																			45
50	73.0	214.1	127,100 *																			50
55	70.6	212.4	118,800 *																			55
60	68.3	210.5	108,100 *																			60
65	65.9	208.3	96,800 *	69.3	210.6	108,900																65
70	63.4	205.9	87,400 *	66.9	208.6	98,900																70
75	60.9	203.2	79,500 *	64.5	206.2	90,400	66.6	207.5	88,400													75
80	58.4	200.2	72,700 *	62.0	203.7	82,700 *	64.1	205.2	81,300													80
85	55.7	196.8	66,900 *	59.5	200.8	75,500 *	61.6	202.5	75,200													85
90	53.0	193.2	61,900 *	56.9	197.6	69,400 *	59.1	199.6	69,900	62.6	202.0	67,300										90
95	50.1	189.1	57,400 *	54.2	194.1	64,000 *	56.5	196.4	65,200	60.1	199.2	62,700										95
100	47.2	184.6	53,500 *	51.4	190.2	59,300 *	53.8	192.9	61,000	57.5	196.1	58,700										100
105	44.1	179.7	50,000 *	48.5	185.9	55,200 *	50.9	188.9	57,300	54.8	192.6	55,100										105
110	40.8	174.1	46,800 *	45.4	181.2	51,500 *	48.0	184.6	53,900	52.1	188.9	51,900	55.8	191.6	49,800							110
115	37.2	167.8	44,000 *	42.2	175.9	48,200 *	45.0	179.7	50,900	49.2	184.7	48,900	53.1	188.0	47,000							115
120	33.4	160.6	41,400 *	38.8	169.9	45,200 *	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



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	118,200 *																			50
55	72.1	223.0	113,200 *																			55
60	69.9	221.2	107,500 *																			60
65	67.7	219.2	97,200 *	70.8	221.3	108,500																65
70	65.5	217.0	87,600 *	68.7	219.4	98,500																70
75	63.2	214.5	79,600 *	66.4	217.3	90,000																75
80	60.9	211.8	72,800 *	64.2	214.9	82,800	66.1	216.2	80,900													80
85	58.5	208.8	66,900 *	61.9	212.3	75,600 *	63.8	213.9	74,800													85
90	56.0	205.5	61,800 *	59.5	209.5	69,300 *	61.5	211.2	69,500													90
95	53.5	201.9	57,300 *	57.1	206.3	63,900 *	59.1	208.3	64,800	62.4	210.6	62,300										95
100	50.9	198.0	53,300 *	54.6	202.8	59,200 *	56.7	205.1	60,600	60.1	207.8	58,200										100
105	48.2	193.6	49,700 *	52.0	199.1	55,000 *	54.2	201.6	56,900	57.7	204.7	54,600										105
110	45.4	188.9	46,600 *	49.4	194.9	51,200 *	51.6	197.7	53,500	55.2	201.4	51,400										110
115	42.4	183.6	43,700 *	46.6	190.3	47,900 *	49.0	193.5	50,500	52.7	197.6	48,500	56.1	200.3	46,500							115
120	39.2	177.7	41,100 *	43.7	185.2	44,900 *	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	32,700 *	29.8	157.9	35,400 *	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	31,700 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	113,400 *																			50
55	73.3	233.5	109,100 *																			55
60	71.3	231.8	105,000 *																			60
65	69.3	230.0	98,200 *																			65
70	67.2	227.9	88,500 *	70.1	230.1	98,000																70
75	65.1	225.7	80,400 *	68.1	228.2	89,600																75
80	63.0	223.2	73,500 *	66.0	226.0	82,400	67.8	227.2	80,500													80
85	60.8	220.5	67,500 *	63.9	223.6	76,100	65.7	225.0	74,400													85
90	58.6	217.5	62,300 *	61.7	221.0	70,000 *	63.6	222.5	69,000													90
95	56.3	214.2	57,700 *	59.5	218.1	64,500 *	61.4	219.9	64,300													95
100	54.0	210.7	53,600 *	57.3	215.0	59,600 *	59.2	217.0	60,200	62.3	219.3	57,800										100
105	51.5	206.8	50,000 *	55.0	211.6	55,300 *	56.9	213.8	56,400	60.1	216.5	54,200										105
110	49.0	202.6	46,700 *	52.6	207.8	51,500 *	54.6	210.3	53,100	57.8	213.4	50,900										110
115	46.4	198.0	43,800 *	50.1	203.8	48,100 *	52.2	206.5	50,000	55.5	210.1	48,000										115
120	43.7	192.9	41,100 *	47.6	199.3	45,000 *	49.8	202.4	47,300	53.2	206.4	45,400	56.4	209.0	43,500							120
130	37.8	181.1	36,400 *	42.1	189.1	39,700 *	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	35,200 *	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	29,000 *	28.7	160.5	31,400 *	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	28,100 *	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



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	102,600 *																			55
60	72.5	242.4	98,800 *																			60
65	70.6	240.7	95,200 *																			65
70	68.7	238.8	88,000 *																			70
75	66.8	236.7	79,900 *	69.5	238.9	89,200																75
80	64.8	234.4	72,900 *	67.6	236.9	82,000																80
85	62.8	231.9	67,000 *	65.6	234.7	75,700	67.3	235.9	73,900													85
90	60.8	229.1	61,800 *	63.7	232.3	69,500 *	65.4	233.7	68,600													90
95	58.7	226.2	57,200 *	61.6	229.7	64,000 *	63.4	231.2	63,900													95
100	56.5	222.9	53,200 *	59.6	226.8	59,100 *	61.3	228.5	59,700													100
105	54.4	219.4	49,500 *	57.5	223.7	54,900 *	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	43,300 *	53.1	216.6	47,700 *	55.0	219.0	49,600	58.0	222.1	47,600										115
120	47.4	207.0	40,700 *	50.8	212.6	44,600 *	52.7	215.3	46,900	55.8	218.8	44,900										120
130	42.3	196.8	36,000 *	46.0	203.6	39,300 *	48.1	206.9	41,500 *	51.4	211.3	40,300	54.4	214.2	38,500							130
140	36.6	184.4	32,000 *	40.7	192.8	34,800 *	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	28,600 *	34.8	179.7	31,000 *	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	25,600 *	27.8	162.9	27,700 *	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	24,800 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	96,700 *																			55
60	73.6	252.9	93,400 *																			60
65	71.8	251.3	90,000 *																			65
70	70.0	249.5	86,600 *																			70
75	68.2	247.5	80,500 *	70.8	249.6	88,500 *																75
80	66.4	245.4	73,400 *	69.0	247.7	81,700																80
85	64.5	243.1	67,300 *	67.2	245.7	75,400																85
90	62.6	240.5	62,000 *	65.3	243.4	69,900 *	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	53,200 *	61.5	238.3	59,300 *	63.2	239.9	59,400													100
105	56.7	231.6	49,500 *	59.6	235.4	55,000 *	61.2	237.2	55,700													105
110	54.7	228.1	46,300 *	57.6	232.3	51,100 *	59.3	234.3	52,400	62.0	236.6	50,200										110
115	52.6	224.4	43,300 *	55.6	229.0	47,700 *	57.3	231.1	49,300	60.1	233.8	47,300										115
120	50.4	220.4	40,600 *	53.5	225.4	44,500 *	55.3	227.8	46,600	58.1	230.8	44,600										120
130	45.9	211.3	35,900 *	49.2	217.2	39,200 *	51.0	220.1	41,400 *	54.0	223.9	40,000	56.8	226.4	38,200							130
140	40.9	200.5	31,900 *	44.5	207.7	34,700 *	46.5	211.2	36,600 *	49.7	215.9	36,100	52.7	219.2	34,400							140
150	35.4	187.6	28,500 *	39.4	196.4	30,900 *	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	25,500 *	33.7	182.7	27,600 *	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	22,900 *	26.9	165.3	24,700 *	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	22,200 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	86,500 *																			60
65	72.9	261.8	83,300 *																			65
70	71.2	260.1	79,500 *																			70
75	69.5	258.3	75,900 *																			75
80	67.8	256.3	72,300 *	70.2	258.4	73,200																80
85	66.0	254.1	66,800 *	68.5	256.5	67,300																85
90	64.3	251.8	61,500 *	66.8	254.4	62,100																90
95	62.5	249.2	56,900 *	65.0	252.1	57,600	66.5	253.4	55,500													95
100	60.7	246.5	52,800 *	63.3	249.6	53,500	64.8	251.0	51,500													100
105	58.8	243.5	49,100 *	61.5	247.0	49,900	63.0	248.5	48,000													105
110	56.9	240.3	45,800 *	59.6	244.1	46,600	61.2	245.9	44,900													110
115	55.0	236.9	42,800 *	57.7	241.0	43,700	59.3	242.9	42,000	61.9	245.3	39,200										115
120	53.0	233.2	40,100 *	55.8	237.7	41,000	57.5	239.8	39,400	60.1	242.5	36,700										120
130	48.9	225.0	35,400 *	51.9	230.3	36,400	53.6	232.9	34,900	56.3	236.2	32,400										130
140	44.5	215.4	31,400 *	47.7	221.7	32,400	49.5	224.8	31,000	52.4	228.9	28,800	55.1	231.7	26,600							140
150	39.7	204.2	28,000 *	43.2	211.7	29,000	45.1	215.4	27,700	48.2	220.4	25,700	51.1	224.0	23,600							150
160	34.4	190.7	25,100 *	38.3	199.9	26,000	40.4	204.5	24,900	43.7	210.6	22,900	46.8	215.2	21,000	49.6	218.3	19,200				160
170	28.2	174.0	22,500 *	32.7	185.7	23,500	35.2	191.4	22,400	38.9	199.1	20,600	42.2	204.9	18,800	45.3	209.0	17,000				170
180	20.3	151.3	20,200 *	26.1	167.6	21,100	29.1	175.2	20,100	33.4	185.2	18,400	37.2	192.7	16,800	40.6	198.1	15,100	43.6	201.8	13,600	180
190	5.5	106.1	14,100 *	17.4	142.1	19,000	21.5	153.7	18,100	27.0	167.8	16,500	31.5	177.8	15,000	35.4	185.1	13,400	38.7	190.2	12,000	190
200							9.2	116.2	16,200	18.7	143.6	14,800	24.7	158.8	13,400	29.3	169.1	11,900	33.3	176.2	10,500	200
210													15.1	130.5	11,800	21.9	147.8	10,500	26.8	158.6	9,200	210
220																9.9	111.7	9,200	18.4	134.1	8,000	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	81,100 *																			60
65	73.8	272.2	77,900 *																			65
70	72.2	270.7	74,600 *																			70
75	70.6	269.0	71,200 *																			75
80	69.0	267.1	67,900 *																			80
85	67.4	265.0	64,600 *	69.7	267.2	66,700																85
90	65.7	262.8	61,000 *	68.1	265.3	61,600																90
95	64.1	260.4	56,400 *	66.4	263.1	57,000	67.8	264.2	54,900													95
100	62.4	257.9	52,300 *	64.8	260.8	53,000	66.2	262.1	51,000													100
105	60.6	255.1	48,600 *	63.1	258.3	49,400	64.5	259.7	47,500													105
110	58.9	252.2	45,300 *	61.4	255.6	46,100	62.8	257.2	44,300													110
115	57.1	249.0	42,300 *	59.6	252.8	43,200	61.1	254.5	41,500													115
120	55.3	245.6	39,600 *	57.9	249.7	40,500	59.4	251.6	38,900	61.8	253.9	36,200										120
130	51.5	238.0	34,900 *	54.2	242.9	35,800	55.8	245.2	34,300	58.3	248.1	31,900										130
140	47.5	229.4	31,000 *	50.4	235.0	31,900	52.0	237.8	30,500	54.7	241.4	28,200	57.2	243.8	26,000							140
150	43.2	219.4	27,600 *	46.3	226.0	28,500	48.1	229.3	27,200	50.9	233.7	25,100	53.5	236.8	23,000							150
160	38.6	207.7	24,600 *	42.0	215.6	25,600	43.9	219.5	24,400	46.8	224.8	22,400	49.6	228.7	20,500	52.2	231.3	18,600				160
170	33.4	193.7	22,100 *	37.2	203.3	23,000	39.3	208.0	21,900	42.5	214.6	20,000	45.5	219.4	18,200	48.2	222.8	16,500				170
180	27.4	176.4	19,800 *	31.8	188.5	20,700	34.2	194.5	19,600	37.8	202.5	17,900	41.1	208.7	16,200	44.0	213.1	14,600	46.7	216.0	13,000	180
190	19.7	153.0	17,700 *	25.4	169.9	18,600	28.3	177.7	17,700	32.5	188.1	16,000	36.2	196.0	14,500	39.5	201.7	12,900	42.4	205.7	11,400	190
200	5.3	106.5	12,100 *	16.9	143.5	16,800	20.9	155.5	15,900	26.3	170.1	14,300	30.6	180.6	12,800	34.4	188.2	11,400	37.7	193.6	10,000	200
210							8.9	116.9	14,200	18.2	145.1	12,800	24.0	160.9	11,400	28.5	171.6	10,000	32.3	179.1	8,700	210
220													14.7	131.8	10,000	21.3	149.7	8,700	26.1	160.9	7,500	220
230																9.6	112.5	7,500	17.9	135.7	6,400	230



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	72,500 *																			65
70	73.1	281.2	69,400 *																			70
75	71.6	279.5	66,200 *																			75
80	70.1	277.8	63,000 *																			80
85	68.6	275.8	59,800 *	70.8	277.9	64,400 *																85
90	67.0	273.8	56,700 *	69.2	276.0	61,000																90
95	65.4	271.5	53,700 *	67.7	274.0	56,500																95
100	63.9	269.1	50,900 *	66.1	271.8	52,400	67.4	273.0	50,400													100
105	62.2	266.5	48,100 *	64.5	269.5	48,800	65.9	270.8	46,900													105
110	60.6	263.8	44,800 *	62.9	267.0	45,600	64.3	268.4	43,700													110
115	58.9	260.8	41,800 *	61.3	264.3	42,600	62.7	265.9	40,900													115
120	57.2	257.7	39,200 *	59.7	261.4	40,000	61.1	263.2	38,300													120
130	53.8	250.7	34,500 *	56.3	255.1	35,300	57.7	257.2	33,800	60.1	259.8	31,300										130
140	50.1	242.7	30,500 *	52.7	247.8	31,300	54.2	250.3	29,900	56.7	253.5	27,600										140
150	46.2	233.7	27,100 *	49.0	239.6	28,000	50.6	242.5	26,700	53.2	246.4	24,500	55.6	249.1	22,400							150
160	42.1	223.2	24,200 *	45.1	230.2	25,000	46.8	233.6	23,800	49.5	238.3	21,800	52.0	241.7	19,800							160
170	37.6	211.1	21,600 *	40.8	219.3	22,500	42.7	223.4	21,300	45.6	229.0	19,400	48.3	233.2	17,600	50.8	236.1	15,800				170
180	32.5	196.6	19,300 *	36.2	206.6	20,200	38.2	211.5	19,100	41.4	218.3	17,400	44.3	223.5	15,600	46.9	227.2	13,900				180
190	26.7	178.8	17,300 *	31.0	191.3	18,100	33.3	197.4	17,100	36.8	205.9	15,500	40.0	212.3	13,900	42.8	217.0	12,300	45.5	220.2	10,700	190
200	19.2	154.7	15,400 *	24.8	172.1	16,300	27.6	180.2	15,400	31.7	191.0	13,800	35.2	199.2	12,300	38.4	205.2	10,800	41.2	209.5	9,300	200
210	5.2	107.0	10,300 *	16.5	145.0	14,600	20.4	157.3	13,700	25.6	172.4	12,300	29.8	183.3	10,800	33.5	191.2	9,400	36.7	196.9	8,000	210
220							8.7	117.7	12,200	17.7	146.7	10,900	23.4	163.0	9,500	27.8	174.1	8,200	31.5	181.9	6,900	220
230													14.3	133.0	8,300	20.7	151.5	7,000	25.4	163.2	5,800	230
240																9.4	113.3	5,900	17.4	137.2	4,800	240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
34	71.9	166.3	203,500 *c																			34
36	70.2	165.6	194,200 *c																			36
38	68.4	164.8	185,700 *b																			38
40	66.6	163.9	177,800 *b																			40
45	62.1	161.4	157,900 *b	69.3	164.4	180,200 b																45
50	57.3	158.3	135,700 *b	64.8	162.2	156,000 b																50
55	52.2	154.7	118,800 *	60.2	159.5	137,400 b	64.6	161.3	134,400 b													55
60	46.7	150.2	105,400 *	55.3	156.2	122,600 b	60.0	158.6	119,900 b													60
65	40.7	144.8	94,500 *	50.1	152.2	110,500	55.0	155.3	108,100	62.6	158.3	104,200 b										65
70	33.7	137.9	85,600 *	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	78,000 *	38.0	141.5	90,800 *	44.1	146.4	90,000	52.8	151.8	86,700										75
80	11.1	112.3	70,000 *	30.6	133.9	82,400 *	37.7	140.4	82,900	47.4	147.4	79,900	55.5	151.2	76,900							80
85				20.7	122.9	75,400 *	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



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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				
34	74.3	176.8	199,000 *c																			34			
36	72.8	176.2	190,200 *c																			36			
38	71.2	175.5	182,100 *b																			38			
40	69.7	174.7	174,500 *b																			40			
45	65.8	172.6	157,900 *b																			45			
50	61.8	170.0	136,500 *b	68.2	173.2	155,700 b																50			
55	57.6	167.0	119,400 *	64.2	170.9	137,000 b	68.0	172.3	134,000 b													55			
60	53.2	163.4	105,900 *	60.2	168.2	122,200	64.1	170.0	119,500 b													60			
65	48.5	159.2	94,900 *	55.9	164.9	110,200	60.0	167.2	107,700													65			
70	43.5	154.3	85,900 *	51.4	161.1	100,200	55.7	164.0	97,900	62.3	167.0	94,300 b										70			
75	37.9	148.2	78,300 *	46.6	156.6	91,200 *	51.2	160.1	89,600	58.1	164.0	86,300										75			
80	31.4	140.7	71,800 *	41.3	151.3	82,800 *	46.3	155.6	82,600	53.8	160.5	79,500										80			
85	23.4	130.7	66,200 *	35.4	144.7	75,600 *	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	69,500 *	35.1	143.6	71,100	44.1	151.5	68,400	51.6	156.1	65,800							90			
95				19.3	124.6	64,200 *	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

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	186,100 *b																			36
38	73.4	186.0	178,400 *b																			38
40	72.1	185.4	171,200 *b																			40
45	68.7	183.5	155,300 *b																			45
50	65.2	181.3	137,100 *	70.7	183.9	155,300 b																50
55	61.6	178.7	119,900 *	67.3	181.9	136,700 b																55
60	57.9	175.7	106,300 *	63.8	179.6	121,900	67.1	181.0	119,100 b													60
65	54.0	172.2	95,200 *	60.1	176.8	109,800	63.6	178.7	107,300													65
70	49.9	168.2	86,100 *	56.4	173.6	99,800	60.0	175.9	97,600													70
75	45.5	163.5	78,500 *	52.4	169.9	91,400	56.2	172.7	89,300	62.0	175.7	85,900										75
80	40.8	158.0	71,900 *	48.2	165.7	83,000 *	52.2	169.0	82,200	58.3	172.7	79,100										80
85	35.6	151.5	66,300 *	43.7	160.7	75,800 *	48.0	164.7	76,100	54.5	169.3	73,200										85
90	29.5	143.4	61,400 *	38.8	154.8	69,600 *	43.5	159.6	70,800	50.4	165.3	68,100	56.5	168.6	65,400							90
95	22.0	132.6	57,000 *	33.3	147.7	64,300 *	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	59,600 *	33.0	146.6	61,900	41.4	155.3	59,500	48.4	160.7	57,100							100
105				18.1	126.2	55,500 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	169,600 *b																			38
40	73.9	195.9	165,800 *b																			40
45	70.9	194.2	151,700 *b																			45
50	67.8	192.3	137,300 *																			50
55	64.7	190.0	120,000 *	69.7	192.7	136,300 b																55
60	61.4	187.4	106,300 *	66.6	190.7	121,500																60
65	58.1	184.4	95,200 *	63.4	188.2	109,500	66.4	189.8	106,900													65
70	54.6	180.9	86,000 *	60.1	185.5	99,500	63.2	187.3	97,100													70
75	51.0	177.0	78,300 *	56.7	182.3	91,000	60.0	184.5	88,900													75
80	47.2	172.6	71,800 *	53.2	178.7	82,900 *	56.6	181.4	81,800	61.8	184.3	78,600										80
85	43.1	167.5	66,100 *	49.5	174.6	75,700 *	53.0	177.7	75,700	58.5	181.4	72,700										85
90	38.6	161.5	61,200 *	45.6	169.9	69,500 *	49.3	173.6	70,400	55.1	178.0	67,600										90
95	33.7	154.5	56,900 *	41.3	164.5	64,100 *	45.4	168.9	65,700	51.4	174.2	63,100	56.9	177.3	60,500							95
100	27.9	145.9	53,000 *	36.7	158.2	59,400 *	41.1	163.4	61,500	47.6	169.8	59,100	53.4	173.7	56,600							100
105	20.8	134.4	49,500 *	31.5	150.6	55,300 *	36.5	157.0	57,800	43.6	164.8	55,500	49.7	169.6	53,200							105
110	9.1	114.7	45,600 *	25.3	141.0	51,600 *	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	48,300 *	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	150



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	158,900 *b																			40
45	72.7	204.8	148,700 *b																			45
50	69.9	203.0	136,400 *																			50
55	67.1	201.0	123,500 *																			55
60	64.3	198.7	109,300 *	68.8	201.5	121,100																60
65	61.3	196.0	97,900 *	66.0	199.4	109,000																65
70	58.3	193.0	88,400 *	63.1	196.9	99,100	65.9	198.5	96,700													70
75	55.1	189.7	80,400 *	60.1	194.1	90,600	63.0	196.0	88,400													75
80	51.9	185.9	73,700 *	57.0	191.0	83,400	60.0	193.2	81,400													80
85	48.4	181.6	67,800 *	53.8	187.5	77,200	56.9	190.1	75,300	61.7	193.0	72,200										85
90	44.8	176.8	62,700 *	50.5	183.5	71,300 *	53.7	186.5	70,000	58.6	190.0	67,100										90
95	40.9	171.2	58,300 *	47.0	179.0	65,800 *	50.4	182.5	65,300	55.5	186.7	62,600										95
100	36.7	164.9	54,300 *	43.3	173.9	60,900 *	46.9	178.0	61,100	52.3	183.0	58,600	57.2	186.0	56,100							100
105	32.0	157.4	50,800 *	39.3	168.1	56,700 *	43.1	172.9	57,400	48.9	178.8	55,000	54.0	182.5	52,700							105
110	26.6	148.2	47,600 *	34.9	161.3	52,900 *	39.1	167.0	54,100	45.3	174.0	51,800	50.7	178.5	49,600							110
115	19.8	136.2	44,700 *	30.0	153.2	49,500 *	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	46,500 *	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	160



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	140,500 *b																			45
50	71.7	213.7	133,100 *																			50
55	69.1	211.8	123,000 *																			55
60	66.5	209.7	109,000 *	70.7	212.2	120,700																60
65	63.9	207.3	97,500 *	68.1	210.3	108,600																65
70	61.2	204.7	88,000 *	65.5	208.1	98,700	68.0	209.4	96,200													70
75	58.4	201.7	80,100 *	62.8	205.6	90,200	65.4	207.2	88,000													75
80	55.5	198.4	73,300 *	60.1	202.8	83,000	62.7	204.7	81,000													80
85	52.6	194.7	67,400 *	57.3	199.7	76,800	60.0	201.9	74,900													85
90	49.5	190.5	62,300 *	54.4	196.2	70,900 *	57.2	198.7	69,600	61.5	201.6	66,600										90
95	46.2	185.9	57,900 *	51.4	192.3	65,400 *	54.2	195.2	64,900	58.8	198.7	62,100										95
100	42.8	180.7	53,900 *	48.2	188.0	60,500 *	51.2	191.4	60,700	55.9	195.4	58,100										100
105	39.1	174.8	50,400 *	44.9	183.2	56,300 *	48.1	187.0	57,000	52.9	191.8	54,600	57.4	194.7	52,200							105
110	35.1	168.1	47,200 *	41.4	177.7	52,500 *	44.7	182.1	53,700	49.9	187.7	51,400	54.5	191.2	49,100							110
115	30.6	160.1	44,300 *	37.5	171.5	49,100 *	41.2	176.7	50,600	46.6	183.1	48,400	51.5	187.4	46,300							115
120	25.4	150.5	41,700 *	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	116.1	34,100 *	23.0	145.2	40,800 *	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	170



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	132,100 *																			45
50	73.1	224.2	126,500 *																			50
55	70.8	222.5	120,700 *																			55
60	68.5	220.6	110,000 *																			60
65	66.1	218.4	98,300 *	69.9	221.0	108,400																65
70	63.6	216.0	88,600 *	67.5	219.0	98,400																70
75	61.1	213.3	80,500 *	65.1	216.8	90,000	67.4	218.1	87,700													75
80	58.5	210.4	73,700 *	62.6	214.2	82,800	65.0	215.9	80,700													80
85	55.9	207.1	67,700 *	60.1	211.5	76,600	62.5	213.3	74,600													85
90	53.2	203.4	62,600 *	57.5	208.4	71,100	60.0	210.5	69,300													90
95	50.3	199.4	58,000 *	54.8	204.9	65,600 *	57.4	207.4	64,600	61.4	210.3	61,900										95
100	47.4	195.0	54,000 *	52.1	201.1	60,700 *	54.7	204.0	60,500	58.9	207.4	57,900										100
105	44.3	190.0	50,400 *	49.2	197.0	56,400 *	51.9	200.2	56,800	56.2	204.1	54,300										105
110	41.0	184.5	47,200 *	46.2	192.3	52,600 *	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	49,200 *	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	46,100 *	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	40,800 *	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



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	117,600 *																			50
55	72.2	233.1	112,800 *																			55
60	70.1	231.3	108,200 *																			60
65	67.9	229.3	97,900 *																			65
70	65.6	227.1	88,200 *	69.2	229.8	98,000																70
75	63.4	224.7	80,100 *	67.0	227.8	89,600																75
80	61.0	222.0	73,200 *	64.7	225.5	82,400	66.9	226.9	80,300													80
85	58.6	219.0	67,300 *	62.4	222.9	76,200	64.6	224.6	74,200													85
90	56.2	215.8	62,100 *	60.1	220.1	70,700	62.3	222.0	68,900													90
95	53.7	212.2	57,600 *	57.7	217.0	65,200 *	60.0	219.2	64,200													95
100	51.1	208.3	53,600 *	55.2	213.6	60,300 *	57.6	216.1	60,100	61.3	219.0	57,400										100
105	48.4	204.0	50,000 *	52.7	209.9	56,000 *	55.1	212.7	56,400	58.9	216.0	53,900										105
110	45.6	199.2	46,800 *	50.0	205.9	52,100 *	52.5	209.0	53,000	56.5	212.8	50,700										110
115	42.6	193.9	43,900 *	47.3	201.4	48,700 *	49.9	204.9	50,000	54.0	209.3	47,800	57.8	212.0	45,500							115
120	39.4	188.1	41,300 *	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	36,700 *	38.1	184.8	40,300 *	41.2	189.9	42,500	45.9	196.4	40,500	50.2	200.9	38,600							130
140	23.5	154.7	32,800 *	30.8	169.9	35,900 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	112,600 *																			50
55	73.5	243.6	108,500 *																			55
60	71.4	241.9	104,500 *																			60
65	69.4	240.1	99,000 *																			65
70	67.4	238.1	89,100 *	70.6	240.5	97,500																70
75	65.3	235.8	80,900 *	68.6	238.6	89,100																75
80	63.1	233.4	73,900 *	66.5	236.5	82,000																80
85	61.0	230.7	67,900 *	64.4	234.1	75,700	66.4	235.6	73,700													85
90	58.7	227.7	62,700 *	62.3	231.6	70,300	64.3	233.2	68,400													90
95	56.5	224.5	58,100 *	60.1	228.8	65,500	62.2	230.7	63,800													95
100	54.1	220.9	54,000 *	57.8	225.7	60,800 *	60.0	227.9	59,600													100
105	51.7	217.1	50,400 *	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	44,200 *	50.7	214.7	49,100 *	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	36,900 *	42.8	200.4	40,600 *	45.4	204.6	42,100	49.5	210.0	40,100	53.3	213.7	38,100							130
140	31.2	176.8	32,800 *	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	29,300 *	29.7	172.6	32,100 *	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	28,700 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	102,000 *																			55
60	72.6	252.5	98,300 *																			60
65	70.8	250.8	94,900 *																			65
70	68.8	248.9	88,600 *																			70
75	66.9	246.8	80,400 *	70.0	249.3	88,700																75
80	64.9	244.5	73,400 *	68.1	247.4	81,500																80
85	62.9	242.0	67,400 *	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	53,500 *	60.1	237.4	60,300 *	62.0	239.3	59,200													100
105	54.5	229.7	49,800 *	58.0	234.4	55,900 *	60.0	236.5	55,500													105
110	52.3	225.9	46,600 *	55.8	231.1	52,000 *	57.9	233.4	52,200	61.1	236.3	49,700										110
115	49.9	221.8	43,700 *	53.6	227.5	48,500 *	55.7	230.1	49,200	59.1	233.4	46,800										115
120	47.5	217.3	41,000 *	51.4	223.6	45,400 *	53.5	226.5	46,400	57.0	230.2	44,200										120
130	42.4	207.2	36,400 *	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	29,000 *	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	25,900 *	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	25,400 *	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	32.1	171.2	18,900	180
190										8.7	119.8	22,600	20.1	148.0	21,400	26.9	162.2	20,100	24.4	152.2	17,300	190
200																17.1	136.9	18,400	12.9	121.8	15,800	200
210																						210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	96,000 *																			55
60	73.7	263.0	92,800 *																			60
65	71.9	261.4	89,600 *																			65
70	70.1	259.6	86,400 *																			70
75	68.3	257.7	81,100 *																			75
80	66.5	255.5	73,900 *	69.4	258.1	73,100																80
85	64.7	253.2	67,800 *	67.6	256.1	67,200																85
90	62.8	250.7	62,400 *	65.8	253.9	62,100	67.5	255.2	59,600													90
95	60.8	248.0	57,700 *	63.9	251.5	57,600	65.7	253.0	55,200													95
100	58.9	245.0	53,600 *	62.0	248.9	53,600	63.8	250.6	51,400													100
105	56.9	241.8	49,900 *	60.1	246.1	50,000	61.9	248.0	47,900													105
110	54.8	238.4	46,600 *	58.1	243.0	46,700	60.0	245.2	44,800	63.0	247.6	41,500										110
115	52.7	234.7	43,600 *	56.1	239.8	43,800	58.0	242.1	41,900	61.1	244.9	38,800										115
120	50.6	230.7	41,000 *	54.0	236.2	41,200	56.0	238.8	39,400	59.1	242.0	36,400										120
130	46.0	221.6	36,300 *	49.7	228.2	36,500	51.8	231.4	34,900	55.1	235.4	32,200										130
140	41.1	210.9	32,300 *	45.1	218.9	32,600	47.3	222.7	31,100	50.8	227.8	28,600	54.1	231.2	26,100							140
150	35.6	198.1	28,800 *	40.1	207.8	29,200	42.5	212.6	27,800	46.3	218.8	25,500	49.8	223.3	23,200	53.0	226.1	21,000				150
160	29.3	182.1	25,800 *	34.4	194.5	26,300	37.2	200.4	25,000	41.4	208.3	22,800	45.2	214.0	20,700	48.6	217.8	18,600				160
170	21.2	160.5	23,200 *	27.8	177.6	23,700	31.1	185.4	22,500	36.0	195.6	20,500	40.2	203.0	18,500	43.9	208.1	16,600	47.3	211.3	14,700	170
180	6.8	119.1	17,800 *	19.2	154.2	21,400	23.7	165.8	20,200	29.7	179.8	18,400	34.6	189.7	16,500	38.8	196.6	14,700	42.5	201.1	13,000	180
190							12.6	134.5	18,200	21.8	158.7	16,500	28.0	172.9	14,800	33.0	182.5	13,100	37.2	188.9	11,400	190
200										8.5	120.5	14,700	19.5	149.7	13,200	26.0	164.5	11,600	31.1	174.0	10,000	200
210																16.6	138.3	10,200	23.7	154.3	8,700	210
220																			12.5	122.9	7,500	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	85,900 *																			60
65	73.0	271.9	83,000 *																			65
70	71.3	270.2	79,300 *																			70
75	69.6	268.4	75,800 *																			75
80	67.9	266.4	72,300 *	70.6	268.8	72,600																80
85	66.2	264.3	67,200 *	68.9	266.9	66,700																85
90	64.4	261.9	61,900 *	67.2	264.8	61,600																90
95	62.6	259.4	57,200 *	65.5	262.6	57,000	67.1	264.0	54,700													95
100	60.8	256.6	53,100 *	63.7	260.2	53,000	65.4	261.7	50,800													100
105	59.0	253.7	49,400 *	61.9	257.6	49,400	63.6	259.3	47,300													105
110	57.1	250.5	46,100 *	60.1	254.8	46,200	61.8	256.7	44,200													110
115	55.1	247.1	43,100 *	58.2	251.7	43,300	60.0	253.8	41,400	62.8	256.3	38,200										115
120	53.2	243.4	40,400 *	56.3	248.4	40,600	58.1	250.8	38,800	61.0	253.6	35,800										120
130	49.0	235.3	35,700 *	52.4	241.2	36,000	54.3	244.0	34,300	57.3	247.5	31,500										130
140	44.7	225.7	31,800 *	48.2	232.7	32,100	50.2	236.1	30,500	53.4	240.5	28,000	56.4	243.4	25,500							140
150	39.9	214.6	28,400 *	43.7	222.9	28,700	45.9	227.0	27,300	49.3	232.4	24,900	52.5	236.2	22,600							150
160	34.6	201.2	25,400 *	38.9	211.4	25,800	41.3	216.3	24,400	44.9	223.0	22,200	48.3	227.8	20,100	51.4	230.9	17,900				160
170	28.4	184.6	22,800 *	33.4	197.5	23,200	36.1	203.7	21,900	40.2	211.9	19,900	43.9	218.0	17,900	47.2	222.2	15,900				170
180	20.6	162.3	20,400 *	27.0	180.0	20,900	30.2	188.1	19,700	34.9	198.7	17,800	39.0	206.5	15,900	42.6	212.0	14,100	45.9	215.6	12,300	180
190	6.6	119.6	15,600 *	18.7	155.8	18,800	23.0	167.8	17,800	28.8	182.4	16,000	33.6	192.7	14,200	37.7	200.0	12,400	41.2	204.9	10,700	190
200							12.3	135.6	15,900	21.2	160.5	14,300	27.2	175.3	12,600	32.0	185.4	11,000	36.1	192.2	9,400	200
210										8.2	121.2	12,700	18.9	151.4	11,200	25.3	166.8	9,600	30.2	176.7	8,100	210
220																16.1	139.7	8,400	23.0	156.3	7,000	220
230																			12.2	123.9	5,900	230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	80,600 *																			60
65	73.9	282.3	77,500 *																			65
70	72.3	280.8	74,400 *																			70
75	70.7	279.1	71,100 *																			75
80	69.1	277.2	67,900 *																			80
85	67.5	275.2	64,600 *	70.1	277.6	66,200																85
90	65.8	273.0	61,400 *	68.5	275.7	61,000																90
95	64.2	270.6	56,700 *	66.8	273.6	56,500																95
100	62.5	268.0	52,600 *	65.2	271.3	52,500	66.8	272.7	50,200													100
105	60.8	265.3	48,900 *	63.5	268.9	48,900	65.1	270.4	46,700													105
110	59.0	262.4	45,600 *	61.8	266.2	45,700	63.4	268.0	43,600													110
115	57.2	259.2	42,600 *	60.1	263.4	42,700	61.7	265.3	40,800													115
120	55.4	255.8	39,900 *	58.3	260.4	40,100	60.0	262.5	38,200	62.7	265.0	35,200										120
130	51.6	248.3	35,200 *	54.7	253.7	35,500	56.4	256.2	33,800	59.2	259.3	31,000										130
140	47.7	239.7	31,300 *	50.9	246.0	31,500	52.7	249.0	30,000	55.6	252.9	27,400										140
150	43.4	229.7	27,900 *	46.8	237.1	28,200	48.8	240.7	26,700	51.9	245.4	24,300	54.8	248.7	22,000							150
160	38.8	218.1	25,000 *	42.5	226.8	25,300	44.6	231.1	23,900	47.9	236.9	21,700	51.0	241.0	19,500							160
170	33.6	204.3	22,400 *	37.8	214.8	22,700	40.1	220.0	21,400	43.7	227.0	19,400	46.9	232.1	17,300	49.9	235.6	15,300				170
180	27.6	187.1	20,000 *	32.5	200.4	20,400	35.1	206.8	19,200	39.1	215.5	17,300	42.6	221.9	15,400	45.8	226.4	13,500				180
190	20.0	164.0	17,900 *	26.3	182.4	18,400	29.4	190.8	17,300	33.9	201.8	15,500	37.9	210.0	13,600	41.4	215.8	11,900	44.6	219.7	10,200	190
200	6.4	120.2	13,500 *	18.2	157.4	16,500	22.4	169.8	15,500	28.0	184.9	13,800	32.6	195.6	12,100	36.6	203.3	10,400	40.1	208.6	8,800	200
210							11.9	136.6	13,900	20.6	162.3	12,300	26.4	177.7	10,700	31.1	188.2	9,100	35.1	195.4	7,600	210
220										8.0	121.9	10,800	18.4	153.0	9,400	24.6	168.9	7,900	29.4	179.3	6,400	220
230																15.6	141.1	6,700	22.3	158.3	5,400	230
240																			11.8	125.0	4,400	240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	72,200 *																			65
70	73.2	291.3	69,200 *																			70
75	71.7	289.7	66,100 *																			75
80	70.2	287.9	63,000 *																			80
85	68.7	286.0	59,900 *																			85
90	67.1	283.9	56,800 *	69.6	286.4	60,500																90
95	65.6	281.7	53,900 *	68.1	284.4	55,900																95
100	64.0	279.3	51,000 *	66.5	282.3	51,900	68.0	283.6	49,600													100
105	62.4	276.7	48,300 *	64.9	280.0	48,300	66.4	281.4	46,100													105
110	60.7	274.0	45,000 *	63.3	277.5	45,100	64.8	279.1	43,000													110
115	59.1	271.0	42,100 *	61.7	274.9	42,200	63.3	276.6	40,200													115
120	57.4	267.9	39,400 *	60.1	272.1	39,500	61.6	274.0	37,700													120
130	53.9	260.9	34,700 *	56.7	265.8	34,900	58.3	268.1	33,200	60.9	270.9	30,300										130
140	50.2	253.0	30,700 *	53.2	258.7	31,000	54.9	261.4	29,400	57.6	264.9	26,800										140
150	46.4	244.0	27,300 *	49.5	250.6	27,600	51.3	253.8	26,200	54.1	258.0	23,700	56.8	260.8	21,300							150
160	42.2	233.6	24,400 *	45.6	241.3	24,700	47.5	245.1	23,400	50.5	250.2	21,100	53.3	253.7	18,800							160
170	37.7	221.5	21,900 *	41.4	230.6	22,200	43.4	235.1	20,900	46.6	241.2	18,800	49.6	245.6	16,700	52.3	248.5	14,600				170
180	32.7	207.2	19,600 *	36.8	218.2	19,900	39.0	223.6	18,700	42.5	230.9	16,700	45.7	236.4	14,700	48.6	240.1	12,800				180
190	26.9	189.5	17,500 *	31.6	203.2	17,900	34.2	209.9	16,800	38.0	219.0	14,900	41.5	225.7	13,000	44.6	230.6	11,200	47.4	233.7	9,500	190
200	19.5	165.7	15,600 *	25.6	184.6	16,100	28.6	193.3	15,000	33.1	204.8	13,200	36.9	213.3	11,500	40.3	219.5	9,800	43.4	223.7	8,100	200
210	6.3	120.7	11,600 *	17.7	159.0	14,400	21.8	171.7	13,400	27.3	187.3	11,700	31.8	198.5	10,100	35.6	206.5	8,500	39.0	212.1	6,900	210
220							11.6	137.6	11,900	20.0	164.1	10,300	25.8	180.0	8,800	30.3	190.9	7,300	34.2	198.5	5,800	220
230										7.8	122.5	9,000	17.9	154.5	7,600	23.9	171.1	6,200	28.6	181.8	4,800	230
240																15.2	142.4	5,100				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
34	72.2	176.4	204,100 *c																			34
36	70.5	175.7	195,200 *c																			36
38	68.7	174.9	186,900 *b																			38
40	66.9	174.0	179,200 *b																			40
45	62.4	171.6	159,700 *b	70.4	174.8	179,400 c																45
50	57.6	168.6	137,100 *b	65.9	172.7	155,400 b																50
55	52.5	164.9	119,800 *	61.3	170.1	136,800 b	66.2	172.0	133,400 b													55
60	47.1	160.5	106,200 *	56.5	167.0	122,100 b	61.6	169.4	119,000 b													60
65	41.1	155.2	95,200 *	51.4	163.2	110,000	56.8	166.3	107,300 b													65
70	34.2	148.5	86,100 *	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	78,500 *	39.7	153.0	91,600	46.1	158.0	89,300	55.5	163.4	85,600										75
80	12.6	124.1	71,900 *	32.5	145.9	84,300	40.0	152.5	82,300	50.3	159.4	78,900										80
85				23.5	136.0	77,000 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
34	74.5	186.9	199,400 *c																			34
36	73.0	186.3	190,900 *c																			36
38	71.5	185.6	183,000 *b																			38
40	70.0	184.9	175,700 *b																			40
45	66.1	182.8	159,400 *b																			45
50	62.1	180.2	137,900 *b	69.1	183.6	155,000 b																50
55	57.9	177.2	120,500 *	65.2	181.4	136,500 b																55
60	53.5	173.7	106,800 *	61.2	178.8	121,700 b	65.4	180.7	118,600 b													60
65	48.9	169.5	95,600 *	56.9	175.7	109,700	61.4	178.1	106,900 b													65
70	43.8	164.6	86,500 *	52.5	172.0	99,700	57.2	175.0	97,200													70
75	38.3	158.7	78,800 *	47.8	167.7	91,300	52.8	171.4	89,000	60.3	175.3	85,200										75
80	31.9	151.3	72,200 *	42.7	162.6	84,100	48.1	167.1	82,000	56.1	172.1	78,400										80
85	24.0	141.5	66,600 *	36.9	156.4	77,300 *	43.0	162.0	75,900	51.6	168.3	72,600										85
90	11.7	125.1	61,600 *	30.3	148.6	70,900 *	37.3	155.9	70,500	46.8	163.8	67,500	54.7	168.2	64,500							90
95				21.9	138.0	65,400 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	
36	75.0	196.7	186,500 *c																			36
38	73.6	196.1	179,100 *b																			38
40	72.3	195.5	172,100 *b																			40
45	68.9	193.6	156,600 *b																			45
50	65.4	191.5	138,500 *b																			50
55	61.9	188.9	121,000 *	68.1	192.4	136,100 b																55
60	58.1	185.9	107,100 *	64.6	190.1	121,400																60
65	54.3	182.5	95,900 *	61.0	187.4	109,400	64.8	189.4	106,500													65
70	50.2	178.5	86,700 *	57.3	184.4	99,400	61.2	186.7	96,800													70
75	45.9	173.8	79,000 *	53.4	180.8	91,000	57.5	183.7	88,600													75
80	41.2	168.4	72,400 *	49.3	176.7	83,800	53.6	180.2	81,600	60.3	183.9	78,000										80
85	36.0	162.0	66,700 *	44.9	171.9	77,400 *	49.5	176.1	75,500	56.5	180.8	72,200										85
90	30.0	154.0	61,700 *	40.1	166.3	71,100 *	45.1	171.3	70,200	52.6	177.1	67,100										90
95	22.6	143.5	57,300 *	34.7	159.5	65,500 *	40.3	165.7	65,600	48.4	172.8	62,700	55.3	176.9	59,800							95
100	11.0	126.0	53,400 *	28.5	151.1	60,700 *	35.0	159.1	61,400	43.9	167.9	58,700	51.3	173.1	56,000							100
105				20.6	139.7	56,500 *	28.9	150.8	57,700	39.0	162.1	55,100	47.0	168.6	52,500							105
110				5.5	116.6	52,400 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	168,800 *b																			38
40	74.1	206.0	165,100 *b																			40
45	71.1	204.3	152,800 *b																			45
50	68.0	202.4	138,700 *																			50
55	64.9	200.1	121,100 *	70.4	203.1	135,700 b																55
60	61.7	197.6	107,200 *	67.3	201.1	121,000																60
65	58.3	194.6	95,900 *	64.2	198.8	109,000	67.5	200.4	106,100													65
70	54.9	191.2	86,600 *	60.9	196.1	99,000	64.4	198.1	96,400													70
75	51.3	187.3	78,900 *	57.6	193.0	90,600	61.1	195.4	88,200													75
80	47.4	182.9	72,200 *	54.1	189.6	83,500	57.8	192.4	81,200													80
85	43.4	177.9	66,500 *	50.4	185.6	77,200	54.3	188.9	75,100	60.2	192.6	71,700										85
90	38.9	172.0	61,500 *	46.5	181.0	70,900 *	50.6	185.0	69,800	56.9	189.5	66,600										90
95	34.0	165.0	57,100 *	42.4	175.8	65,400 *	46.8	180.4	65,200	53.3	185.9	62,200										95
100	28.4	156.5	53,300 *	37.9	169.7	60,500 *	42.6	175.3	61,000	49.6	181.8	58,200	55.8	185.6	55,400							100
105	21.4	145.4	49,800 *	32.8	162.5	56,300 *	38.2	169.2	57,300	45.7	177.1	54,700	52.2	181.9	52,000							105
110	10.4	126.9	46,600 *	27.0	153.5	52,500 *	33.1	162.1	54,000	41.5	171.7	51,500	48.5	177.6	49,000							110
115				19.5	141.4	49,100 *	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	45,900 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	157,900 *b																			40			
45	72.9	214.9	149,600 *b																			45			
50	70.1	213.2	137,700 *																			50			
55	67.3	211.1	124,700 *																			55			
60	64.5	208.8	110,200 *	69.5	211.9	120,500																60			
65	61.5	206.2	98,600 *	66.7	209.8	108,500																65			
70	58.5	203.2	89,000 *	63.8	207.5	98,600	66.9	209.1	95,900													70			
75	55.4	199.9	81,000 *	60.8	204.8	90,200	64.0	206.7	87,700													75			
80	52.1	196.1	74,100 *	57.8	201.7	83,000	61.0	204.1	80,700													80			
85	48.7	191.9	68,200 *	54.6	198.3	76,800	58.0	201.0	74,700													85			
90	45.1	187.1	63,100 *	51.3	194.4	71,400	54.8	197.6	69,400	60.2	201.3	66,200										90			
95	41.2	181.6	58,600 *	47.9	190.1	66,600	51.5	193.8	64,800	57.2	198.1	61,700										95			
100	37.0	175.4	54,600 *	44.2	185.1	62,100 *	48.1	189.5	60,600	54.0	194.6	57,800										100			
105	32.4	167.9	51,000 *	40.3	179.5	57,700 *	44.4	184.6	56,900	50.6	190.7	54,200				56.2	194.3	51,500				105			
110	27.0	158.9	47,800 *	36.0	173.0	53,800 *	40.5	179.0	53,600	47.2	186.2	51,000				53.0	190.7	48,500				110			
115	20.3	147.1	44,900 *	31.2	165.3	50,300 *	36.3	172.5	50,600	43.4	181.1	48,200				49.6	186.6	45,800				115			
120	9.9	127.7	39,900 *	25.7	155.8	47,200 *	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



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	139,700 *b																			45
50	71.9	223.8	133,600 *																			50
55	69.3	222.0	124,200 *																			55
60	66.7	219.9	110,000 *																			60
65	64.1	217.5	98,300 *	68.7	220.7	108,100																65
70	61.4	214.9	88,700 *	66.1	218.6	98,200																70
75	58.6	211.9	80,600 *	63.5	216.1	89,800	66.3	217.8	87,300													75
80	55.8	208.6	73,700 *	60.8	213.4	82,600	63.6	215.4	80,300													80
85	52.8	204.9	67,800 *	58.0	210.4	76,400	60.9	212.7	74,200													85
90	49.7	200.8	62,700 *	55.1	207.0	71,000	58.1	209.7	69,000	62.9	212.7	65,700										90
95	46.5	196.2	58,200 *	52.1	203.2	66,200	55.3	206.4	64,300	60.2	209.9	61,200										95
100	43.0	191.1	54,200 *	49.0	199.0	61,700 *	52.3	202.6	60,200	57.4	206.8	57,300										100
105	39.4	185.3	50,600 *	45.7	194.3	57,300 *	49.2	198.4	56,500	54.5	203.4	53,700										105
110	35.4	178.6	47,400 *	42.2	189.0	53,400 *	45.9	193.8	53,200	51.5	199.5	50,600	56.5	203.0	48,000							110
115	30.9	170.7	44,500 *	38.5	183.0	49,900 *	42.4	188.5	50,200	48.3	195.2	47,700	53.6	199.4	45,200							115
120	25.8	161.2	41,900 *	34.4	176.1	46,800 *	38.7	182.5	47,500	45.0	190.4	45,100	50.5	195.4	42,700							120
130	9.4	128.5	35,200 *	24.5	158.0	41,400 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	131,200 *																			45
50	73.3	234.3	125,800 *																			50
55	71.0	232.6	120,700 *																			55
60	68.6	230.7	111,000 *																			60
65	66.2	228.6	99,100 *	70.5	231.4	107,800																65
70	63.8	226.2	89,300 *	68.1	229.5	97,900																70
75	61.3	223.5	81,100 *	65.7	227.3	89,500																75
80	58.7	220.6	74,100 *	63.2	224.8	82,400	65.8	226.5	80,000													80
85	56.1	217.3	68,100 *	60.7	222.1	76,200	63.4	224.1	74,000													85
90	53.4	213.7	62,900 *	58.1	219.1	70,800	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	54,300 *	52.8	212.0	61,800	55.6	215.1	60,000	60.2	218.6	57,000										100
105	44.5	200.4	50,700 *	49.9	207.9	57,400 *	52.9	211.4	56,300	57.6	215.5	53,500										105
110	41.2	194.9	47,500 *	46.9	203.4	53,500 *	50.1	207.3	53,000	54.9	212.1	50,300										110
115	37.7	188.7	44,500 *	43.8	198.4	50,000 *	47.1	202.8	50,000	52.2	208.3	47,500	56.8	211.7	45,000							115
120	33.9	181.6	41,900 *	40.5	192.7	46,800 *	44.0	197.8	47,300	49.3	204.1	44,900	54.1	208.2	42,500							120
130	24.8	163.4	37,300 *	33.0	179.1	41,400 *	37.1	185.9	42,500	43.1	194.4	40,300	48.4	200.0	38,100							130
140	9.0	129.2	31,400 *	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	31,100 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	116,800 *																			50
55	72.4	243.2	112,200 *																			55
60	70.2	241.4	107,800 *																			60
65	68.0	239.5	98,700 *																			65
70	65.8	237.3	88,900 *	69.7	240.2	97,500																70
75	63.5	234.9	80,600 *	67.5	238.2	89,100																75
80	61.2	232.2	73,700 *	65.3	236.0	82,000	67.7	237.5	79,600													80
85	58.8	229.2	67,700 *	63.0	233.5	75,800	65.4	235.2	73,500													85
90	56.4	226.0	62,500 *	60.7	230.7	70,400	63.1	232.8	68,300													90
95	53.9	222.5	57,900 *	58.3	227.7	65,600	60.8	230.0	63,600													95
100	51.3	218.6	53,800 *	55.8	224.4	61,400 *	58.4	227.1	59,500	62.5	230.0	56,500										100
105	48.6	214.3	50,200 *	53.3	220.8	57,000 *	56.0	223.8	55,900	60.2	227.2	53,000										105
110	45.8	209.5	47,000 *	50.7	216.8	53,000 *	53.4	220.2	52,600	57.8	224.2	49,800										110
115	42.8	204.3	44,100 *	48.0	212.4	49,500 *	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	40,900 *	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	36,400 *	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	27,800 *	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	27,600 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	111,700 *																			50
55	73.6	253.7	107,800 *																			55
60	71.6	252.1	104,000 *																			60
65	69.6	250.2	99,700 *																			65
70	67.5	248.2	89,800 *																			70
75	65.4	246.0	81,400 *	69.1	249.0	88,700																75
80	63.3	243.5	74,400 *	67.0	246.9	81,500																80
85	61.1	240.9	68,300 *	64.9	244.7	75,300	67.2	246.2	73,100													85
90	58.9	237.9	63,000 *	62.8	242.2	69,900	65.1	243.9	67,800													90
95	56.6	234.7	58,400 *	60.6	239.4	65,200	62.9	241.4	63,200													95
100	54.3	231.2	54,300 *	58.4	236.4	61,000	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	44,400 *	51.3	225.7	49,900 *	53.9	228.9	49,100	57.9	232.8	46,500										115
120	44.1	213.6	41,700 *	48.8	221.4	46,700 *	51.5	225.0	46,400	55.6	229.5	43,900										120
130	38.2	202.0	37,000 *	43.5	211.6	41,200 *	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	36,600 *	40.8	205.5	37,600	45.7	212.8	35,600	50.1	217.8	33,500							140
150	23.0	167.5	29,600 *	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	23,900 *	21.8	163.9	29,300 *	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



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	101,200 *																			55
60	72.8	262.6	97,800 *																			60
65	70.9	260.9	94,400 *																			65
70	69.0	259.0	89,300 *																			70
75	67.0	257.0	80,900 *	70.5	259.7	79,700																75
80	65.1	254.7	73,900 *	68.5	257.8	72,900																80
85	63.1	252.2	67,800 *	66.6	255.7	67,100																85
90	61.0	249.5	62,500 *	64.6	253.3	62,000	66.7	254.9	59,200													90
95	59.0	246.6	57,800 *	62.6	250.8	57,500	64.7	252.6	54,800													95
100	56.8	243.4	53,700 *	60.6	248.1	53,500	62.7	250.1	51,000													100
105	54.7	239.9	50,100 *	58.5	245.1	49,900	60.7	247.4	47,500													105
110	52.4	236.2	46,800 *	56.4	241.8	46,700	58.6	244.4	44,500	62.2	247.4	40,800										110
115	50.1	232.1	43,800 *	54.2	238.3	43,800	56.5	241.1	41,700	60.2	244.6	38,100										115
120	47.7	227.7	41,200 *	51.9	234.5	41,100	54.3	237.6	39,100	58.1	241.5	35,800										120
130	42.6	217.6	36,500 *	47.2	225.8	36,500	49.7	229.7	34,700	53.7	234.6	31,600	57.4	237.7	28,600							130
140	37.0	205.4	32,600 *	42.0	215.5	32,600	44.8	220.3	30,900	49.1	226.5	28,100	53.0	230.7	25,300							140
150	30.4	190.1	29,200 *	36.3	203.0	29,200	39.4	209.1	27,600	44.1	216.9	25,000	48.4	222.3	22,500	52.2	225.7	20,000				150
160	22.2	169.5	26,200 *	29.6	187.3	26,300	33.3	195.2	24,800	38.7	205.4	22,400	43.3	212.5	20,000	47.5	217.2	17,700				160
170	8.1	131.3	21,100 *	21.1	165.8	23,700	26.0	177.3	22,300	32.4	191.1	20,100	37.8	200.6	17,900	42.4	207.0	15,700	46.4	210.9	13,600	170
180				3.9	119.0	21,100 *	15.6	150.3	20,100	24.8	172.4	18,000	31.4	185.8	15,900	36.7	194.7	13,900	41.2	200.3	11,900	180
190										13.7	143.1	16,100	23.5	166.2	14,200	30.1	179.2	12,300	35.4	187.4	10,500	190
200													11.1	133.1	12,600	21.8	158.2	10,800	28.5	171.1	9,100	200
210																6.6	117.3	9,400	19.5	148.2	7,900	210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	95,300 *																			55
60	73.8	273.1	92,200 *																			60
65	72.1	271.5	89,100 *																			65
70	70.3	269.7	86,100 *																			70
75	68.5	267.8	81,600 *																			75
80	66.6	265.7	74,400 *	69.9	268.5	72,500																80
85	64.8	263.4	68,200 *	68.1	266.5	66,700																85
90	62.9	260.9	62,800 *	66.2	264.4	61,600																90
95	61.0	258.2	58,100 *	64.4	262.0	57,100	66.3	263.6	54,400													95
100	59.0	255.2	53,900 *	62.5	259.5	53,100	64.5	261.3	50,600													100
105	57.0	252.1	50,200 *	60.5	256.7	49,500	62.6	258.8	47,100													105
110	55.0	248.6	46,800 *	58.6	253.7	46,300	60.7	256.0	44,100													110
115	52.9	244.9	43,800 *	56.6	250.5	43,400	58.7	253.1	41,300	62.1	256.0	37,700										115
120	50.7	240.9	41,100 *	54.5	247.0	40,800	56.7	249.8	38,700	60.1	253.2	35,400										120
130	46.2	231.9	36,400 *	50.2	239.2	36,200	52.5	242.6	34,300	56.2	246.9	31,200										130
140	41.3	221.3	32,400 *	45.7	230.0	32,300	48.1	234.2	30,500	52.0	239.5	27,700	55.5	243.1	24,900							140
150	35.8	208.6	29,000 *	40.7	219.2	28,900	43.4	224.3	27,300	47.5	230.9	24,700	51.3	235.5	22,100							150
160	29.5	192.7	26,100 *	35.2	206.2	26,000	38.2	212.5	24,500	42.7	220.8	22,100	46.8	226.7	19,700	50.5	230.5	17,300				160
170	21.5	171.4	23,400 *	28.7	189.9	23,400	32.3	198.1	22,000	37.4	208.8	19,800	42.0	216.3	17,500	46.0	221.4	15,300				170
180	7.8	132.0	18,800 *	20.5	167.6	21,100	25.2	179.6	19,800	31.4	193.9	17,700	36.6	203.9	15,600	41.0	210.7	13,600	45.0	215.1	11,600	180
190				3.8	119.2	18,800 *	15.1	151.6	17,800	24.1	174.6	15,900	30.4	188.6	13,900	35.5	197.9	12,000	39.9	204.0	10,100	190
200										13.3	144.2	14,200	22.7	168.2	12,400	29.2	181.8	10,600	34.3	190.5	8,800	200
210													10.7	134.0	10,900	21.1	160.1	9,200	27.6	173.6	7,600	210
220																6.4	117.8	7,900	18.9	149.8	6,500	220



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	85,300 *																			60
65	73.1	282.0	82,500 *																			65
70	71.4	280.3	79,200 *																			70
75	69.7	278.5	75,700 *																			75
80	68.0	276.6	72,300 *	71.0	279.1	71,900																80
85	66.3	274.4	67,600 *	69.3	277.3	66,100																85
90	64.5	272.1	62,200 *	67.6	275.3	61,000																90
95	62.7	269.6	57,500 *	65.9	273.1	56,500	67.7	274.5	53,800													95
100	60.9	266.8	53,300 *	64.1	270.7	52,500	66.0	272.4	50,000													100
105	59.1	263.9	49,600 *	62.3	268.2	49,000	64.2	270.0	46,500													105
110	57.2	260.7	46,300 *	60.5	265.4	45,800	62.4	267.4	43,500													110
115	55.3	257.3	43,300 *	58.7	262.4	42,900	60.6	264.7	40,700													115
120	53.3	253.7	40,600 *	56.8	259.2	40,200	58.8	261.7	38,100	62.0	264.7	34,700										120
130	49.2	245.6	35,900 *	52.9	252.0	35,600	54.9	255.1	33,700	58.3	258.9	30,600										130
140	44.8	236.1	31,900 *	48.7	243.8	31,700	50.9	247.4	30,000	54.4	252.1	27,100	57.7	255.1	24,200							140
150	40.1	225.0	28,500 *	44.3	234.1	28,400	46.7	238.5	26,800	50.4	244.3	24,100	53.8	248.2	21,400							150
160	34.8	211.7	25,600 *	39.5	222.8	25,500	42.1	228.2	24,000	46.1	235.2	21,500	49.8	240.2	19,000							160
170	28.6	195.3	23,000 *	34.1	209.3	22,900	37.1	215.9	21,500	41.5	224.6	19,200	45.4	230.9	16,900	49.0	235.1	14,600				170
180	20.9	173.2	20,600 *	27.9	192.4	20,600	31.3	200.9	19,300	36.3	212.1	17,100	40.7	220.1	15,000	44.6	225.6	12,900				180
190	7.6	132.6	16,400 *	19.9	169.3	18,600	24.4	181.7	17,400	30.5	196.7	15,300	35.5	207.1	13,300	39.8	214.4	11,300	43.6	219.1	9,400	190
200				3.7	119.5	16,500 *	14.7	152.9	15,600	23.4	176.6	13,700	29.5	191.2	11,800	34.5	201.0	9,900	38.7	207.5	8,100	200
210										12.9	145.3	12,100	22.1	170.1	10,400	28.3	184.3	8,600	33.3	193.5	6,900	210
220													10.4	134.9	9,100	20.5	161.9	7,500	26.8	175.9	5,900	220
230																6.2	118.3	6,300	18.4	151.4	4,800	230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	80,100 *																			60
65	74.0	292.4	77,100 *																			65
70	72.4	290.9	74,100 *																			70
75	70.8	289.2	71,000 *																			75
80	69.2	287.3	67,800 *																			80
85	67.6	285.3	64,600 *	70.5	288.0	65,500																85
90	66.0	283.1	61,500 *	68.9	286.1	60,500																90
95	64.3	280.8	57,000 *	67.2	284.0	56,000																95
100	62.6	278.2	52,900 *	65.6	281.8	52,000	67.3	283.3	49,400													100
105	60.9	275.5	49,100 *	63.9	279.4	48,400	65.7	281.1	46,000													105
110	59.1	272.6	45,800 *	62.2	276.8	45,200	64.0	278.7	42,900													110
115	57.3	269.4	42,800 *	60.5	274.0	42,300	62.3	276.1	40,100													115
120	55.5	266.1	40,100 *	58.7	271.1	39,700	60.6	273.3	37,600													120
130	51.8	258.6	35,400 *	55.1	264.5	35,100	57.0	267.2	33,200	60.1	270.5	30,000										130
140	47.8	250.0	31,400 *	51.3	256.9	31,200	53.4	260.2	29,400	56.6	264.3	26,500										140
150	43.5	240.1	28,000 *	47.3	248.2	27,900	49.5	252.1	26,200	52.9	257.1	23,500	56.0	260.5	20,800							150
160	38.9	228.6	25,100 *	43.1	238.1	25,000	45.4	242.7	23,400	49.0	248.9	20,900	52.3	253.1	18,400							160
170	33.8	214.8	22,500 *	38.4	226.3	22,400	40.9	231.9	21,000	44.8	239.4	18,600	48.3	244.7	16,300	51.6	248.2	14,000				170
180	27.8	197.8	20,300 *	33.2	212.3	20,200	36.0	219.2	18,800	40.3	228.3	16,600	44.1	235.0	14,400	47.6	239.5	12,300				180
190	20.3	175.0	18,100 *	27.1	194.8	18,200	30.5	203.7	16,900	35.3	215.3	14,800	39.6	223.7	12,800	43.3	229.6	10,700	46.7	233.3	8,800	190
200	7.4	133.2	14,300 *	19.3	171.0	16,300	23.7	183.8	15,100	29.7	199.3	13,200	34.5	210.2	11,200	38.7	217.9	9,400	42.4	223.0	7,500	200
210				3.5	119.8	14,400 *	14.3	154.1	13,500	22.7	178.6	11,700	28.7	193.7	9,900	33.5	204.0	8,100	37.7	210.9	6,400	210
220										12.5	146.4	10,300	21.5	172.0	8,600	27.5	186.8	6,900	32.3	196.4	5,300	220
230													10.1	135.7	7,400	19.9	163.6	5,900	26.1	178.3	4,300	230
240																6.0	118.8	4,800				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	71,800 *																			65
70	73.3	301.4	68,900 *																			70
75	71.8	299.8	65,900 *																			75
80	70.3	298.0	62,900 *																			80
85	68.8	296.1	59,900 *																			85
90	67.2	294.1	56,900 *	70.0	296.8	59,900																90
95	65.7	291.8	54,000 *	68.4	294.9	55,400																95
100	64.1	289.5	51,200 *	66.9	292.8	51,400																100
105	62.5	286.9	48,400 *	65.3	290.5	47,900	67.0	292.0	45,400													105
110	60.8	284.2	45,300 *	63.7	288.1	44,700	65.4	289.8	42,300													110
115	59.2	281.2	42,300 *	62.1	285.5	41,800	63.8	287.4	39,500													115
120	57.5	278.1	39,500 *	60.5	282.7	39,100	62.2	284.8	37,000													120
130	54.0	271.2	34,800 *	57.1	276.6	34,500	58.9	279.0	32,600	61.8	282.0	29,300										130
140	50.4	263.3	30,800 *	53.6	269.5	30,600	55.5	272.5	28,800	58.5	276.2	25,900										140
150	46.5	254.3	27,400 *	49.9	261.6	27,300	51.9	265.1	25,600	55.0	269.5	22,900	57.9	272.4	20,100							150
160	42.4	244.0	24,500 *	46.1	252.4	24,400	48.1	256.6	22,900	51.4	262.0	20,300	54.5	265.6	17,700							160
170	37.9	232.0	22,000 *	41.9	241.9	21,900	44.1	246.8	20,400	47.6	253.3	18,000	50.8	257.9	15,600							170
180	32.9	217.7	19,700 *	37.4	229.7	19,600	39.8	235.6	18,300	43.6	243.4	16,000	47.0	249.1	13,800	50.2	252.9	11,600				180
190	27.1	200.2	17,700 *	32.3	215.2	17,600	35.1	222.3	16,400	39.2	231.9	14,200	42.9	239.0	12,100	46.3	243.8	10,100				190
200	19.8	176.7	15,800 *	26.4	197.1	15,800	29.7	206.3	14,600	34.4	218.4	12,600	38.5	227.2	10,600	42.2	233.4	8,700	45.5	237.5	6,800	200
210	7.2	133.8	12,300 *	18.8	172.7	14,200	23.1	185.8	13,000	28.9	201.9	11,100	33.6	213.3	9,300	37.7	221.3	7,400	41.2	226.8	5,700	210
220				3.4	120.1	12,400 *	13.9	155.4	11,600	22.1	180.6	9,800	28.0	196.2	8,000	32.7	206.9	6,300	36.7	214.3	4,600	220
230										12.2	147.5	8,500	20.9	173.8	6,900	26.8	189.2	5,300				230
240													9.8	136.6	5,800	19.4	165.3	4,300				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	70.8	185.8	183,300 *c																			36
38	69.0	185.0	177,600 *c																			38
40	67.3	184.2	172,200 *b																			40
45	62.7	181.8	159,800 *b																			45
50	57.9	178.8	138,500 *b	67.0	183.2	154,600 b																50
55	52.9	175.2	120,900 *	62.5	180.7	136,200 b	67.8	182.6	132,400 b													55
60	47.5	170.9	107,100 *	57.7	177.7	121,500 b	63.2	180.2	118,100 b													60
65	41.5	165.6	95,900 *	52.6	174.1	109,500	58.5	177.3	106,500 b													65
70	34.8	159.0	86,700 *	47.2	169.7	99,600	53.5	173.8	96,800	62.8	177.7	92,300 b										70
75	26.4	150.2	79,000 *	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	72,200 *	34.4	157.7	83,900	42.2	164.4	81,600	53.0	171.2	77,800										80
85				26.0	148.7	77,700	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	72,100 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	73.3	196.4	176,000 *c																			36
38	71.8	195.7	170,800 *c																			38
40	70.2	195.0	165,800 *b																			40
45	66.4	192.9	154,400 *b																			45
50	62.4	190.4	139,300 *b	70.1	194.0	154,200 b																50
55	58.2	187.5	121,600 *	66.2	191.9	135,800 b																55
60	53.8	184.0	107,600 *	62.2	189.4	121,100 b	66.8	191.3	117,600 b													60
65	49.2	179.9	96,300 *	58.0	186.4	109,200	62.8	188.9	106,000 b													65
70	44.2	175.0	87,100 *	53.6	182.9	99,200	58.7	186.0	96,400													70
75	38.7	169.1	79,300 *	49.0	178.8	90,900	54.3	182.6	88,200	62.4	186.4	84,000 b										75
80	32.4	161.9	72,600 *	43.9	173.8	83,700	49.7	178.5	81,300	58.3	183.5	77,300										80
85	24.6	152.3	66,900 *	38.4	167.9	77,500	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	66,700 *	33.1	161.0	65,300	44.3	171.0	62,100	53.3	176.4	59,000							95
100				12.1	134.7	61,700 *	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

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	75.2	206.8	170,700 *c																			36
38	73.9	206.2	165,900 *b																			38
40	72.5	205.6	161,200 *b																			40
45	69.1	203.8	150,500 *b																			45
50	65.7	201.6	139,900 *b																			50
55	62.1	199.1	122,000 *	69.0	202.8	135,400 b																55
60	58.4	196.1	108,000 *	65.5	200.6	120,700 b																60
65	54.6	192.7	96,600 *	61.9	198.1	108,800	66.1	200.1	105,600 b													65
70	50.5	188.8	87,300 *	58.2	195.1	98,900	62.5	197.6	96,000													70
75	46.2	184.2	79,400 *	54.4	191.6	90,500	58.8	194.7	87,900													75
80	41.5	178.8	72,800 *	50.3	187.7	83,400	55.0	191.3	80,900	62.2	195.1	76,900										80
85	36.4	172.4	67,000 *	46.0	183.1	77,200	51.0	187.4	74,900	58.5	192.1	71,200										85
90	30.4	164.6	62,000 *	41.3	177.6	71,800	46.7	182.9	69,600	54.6	188.7	66,200										90
95	23.2	154.4	57,600 *	36.1	171.2	66,800 *	42.1	177.6	65,000	50.6	184.8	61,700	57.9	188.6	58,500							95
100	12.2	137.8	53,400 *	30.1	163.3	61,800 *	37.0	171.4	60,900	46.3	180.2	57,800	54.1	185.1	54,800							100
105				22.8	152.9	57,400 *	31.1	163.8	57,200	41.6	174.9	54,300	50.0	181.1	51,400							105
110				11.3	135.7	53,500 *	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	150



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	160,600 *b																			38
40	74.3	216.1	156,300 *b																			40
45	71.3	214.5	146,300 *b																			45
50	68.3	212.5	137,200 *b																			50
55	65.1	210.3	122,100 *																			55
60	61.9	207.7	108,000 *	68.1	211.6	120,300 b																60
65	58.6	204.8	96,600 *	65.0	209.3	108,400																65
70	55.1	201.4	87,200 *	61.7	206.7	98,500	65.5	208.8	95,500													70
75	51.5	197.6	79,300 *	58.4	203.8	90,100	62.3	206.2	87,400													75
80	47.7	193.2	72,600 *	54.9	200.4	83,000	58.9	203.3	80,500													80
85	43.6	188.2	66,900 *	51.3	196.5	76,800	55.5	200.0	74,500	62.0	203.7	70,600										85
90	39.3	182.4	61,800 *	47.5	192.1	71,400	51.9	196.2	69,200	58.6	200.8	65,700										90
95	34.4	175.6	57,400 *	43.4	187.1	66,600 *	48.1	191.9	64,600	55.2	197.4	61,300										95
100	28.8	167.2	53,500 *	39.0	181.2	61,600 *	44.1	187.0	60,500	51.6	193.6	57,300										100
105	21.9	156.3	50,000 *	34.1	174.3	57,300 *	39.8	181.3	56,800	47.8	189.3	53,800	54.7	193.9	50,900							105
110	11.5	138.8	46,600 *	28.5	165.8	53,400 *	35.0	174.6	53,500	43.7	184.3	50,700	51.1	190.0	47,900							110
115				21.5	154.8	49,900 *	29.5	166.4	50,500	39.3	178.5	47,800	47.2	185.6	45,200							115
120				10.7	136.6	46,700 *	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	140
150																19.2	140.9	29,600	31.2	155.2	27,900	150
160																		16.6	131.8	25,300		160



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	151,400 *b																			40
45	73.1	225.0	142,200 *b																			45
50	70.3	223.3	133,700 *																			50
55	67.5	221.3	125,800 *																			55
60	64.7	219.0	111,100 *	70.2	222.3	119,900																60
65	61.7	216.4	99,300 *	67.4	220.3	107,900																65
70	58.7	213.5	89,600 *	64.5	218.0	98,100	67.8	219.7	95,000													70
75	55.6	210.1	81,500 *	61.6	215.4	89,700	65.0	217.4	86,900													75
80	52.3	206.4	74,500 *	58.5	212.4	82,600	62.1	214.9	80,000													80
85	48.9	202.2	68,600 *	55.4	209.1	76,400	59.0	212.0	74,000													85
90	45.3	197.5	63,400 *	52.2	205.3	71,000	55.9	208.7	68,800	61.8	212.4	65,200										90
95	41.5	192.0	58,900 *	48.8	201.1	66,300	52.7	205.0	64,200	58.8	209.5	60,800										95
100	37.3	185.8	54,800 *	45.1	196.3	62,000	49.3	200.9	60,100	55.6	206.2	56,900										100
105	32.7	178.5	51,300 *	41.3	190.9	58,300	45.7	196.2	56,400	52.4	202.4	53,400										105
110	27.4	169.6	48,000 *	37.1	184.6	54,700 *	41.9	190.9	53,100	49.0	198.2	50,200	55.2	202.6	47,400							110
115	20.9	158.1	45,100 *	32.5	177.2	51,100 *	37.8	184.7	50,100	45.4	193.5	47,400	51.9	198.8	44,700							115
120	10.9	139.7	39,700 *	27.1	168.2	47,900 *	33.3	177.6	47,400	41.6	188.1	44,800	48.5	194.6	42,300							120
130				10.2	137.4	41,100 *	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



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	136,100 *b																			45
50	72.0	233.9	128,500 *																			50
55	69.5	232.1	121,500 *																			55
60	66.9	230.0	110,800 *																			60
65	64.3	227.7	99,000 *	69.4	231.1	107,500																65
70	61.6	225.1	89,300 *	66.8	229.0	97,600																70
75	58.8	222.1	81,100 *	64.1	226.7	89,300	67.2	228.4	86,500													75
80	56.0	218.8	74,200 *	61.4	224.0	82,200	64.6	226.1	79,500													80
85	53.0	215.2	68,200 *	58.7	221.1	76,000	61.9	223.5	73,600													85
90	49.9	211.1	63,000 *	55.8	217.8	70,600	59.1	220.6	68,300													90
95	46.7	206.6	58,500 *	52.9	214.1	65,900	56.3	217.4	63,700	61.6	221.1	60,200										95
100	43.3	201.5	54,400 *	49.8	210.0	61,700	53.3	213.8	59,600	58.9	218.1	56,400										100
105	39.6	195.7	50,800 *	46.5	205.5	57,900	50.3	209.8	56,000	56.0	214.9	52,900										105
110	35.7	189.0	47,600 *	43.1	200.3	54,300 *	47.1	205.3	52,700	53.1	211.2	49,800										110
115	31.3	181.3	44,700 *	39.4	194.5	50,700 *	43.7	200.2	49,700	50.0	207.1	46,900	55.6	211.3	44,200							115
120	26.2	171.9	42,100 *	35.5	187.8	47,500 *	40.0	194.5	47,000	46.8	202.6	44,400	52.6	207.6	41,700							120
130	10.4	140.6	34,900 *	25.9	170.5	42,000 *	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	36,300 *	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	180



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	129,000 *b																			45
50	73.5	244.4	123,900 *																			50
55	71.1	242.7	118,200 *																			55
60	68.8	240.9	111,900 *																			60
65	66.4	238.7	99,800 *	71.0	241.8	107,200																65
70	64.0	236.4	89,900 *	68.7	239.9	97,300																70
75	61.5	233.7	81,600 *	66.3	237.7	89,000																75
80	58.9	230.8	74,500 *	63.8	235.4	81,900	66.7	237.2	79,300													80
85	56.3	227.5	68,500 *	61.3	232.7	75,700	64.2	234.8	73,300													85
90	53.6	224.0	63,200 *	58.8	229.8	70,400	61.7	232.2	68,100													90
95	50.8	220.0	58,600 *	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	50,900 *	50.6	218.9	57,700	53.9	222.6	55,700	58.9	226.8	52,600										105
110	41.5	205.3	47,700 *	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	50,800 *	48.2	214.3	49,500	53.6	220.0	46,700										115
120	34.2	192.1	42,100 *	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	42,000 *	38.4	198.0	42,100	44.8	206.8	39,600	50.4	212.4	37,200							130
140	10.0	141.4	31,200 *	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	32,400 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	115,000 *																			50	
55	72.5	253.3	110,700 *																			55	
60	70.4	251.6	106,500 *																			60	
65	68.2	249.6	99,400 *																			65	
70	65.9	247.5	89,500 *	70.3	250.6	96,900																70	
75	63.7	245.0	81,200 *	68.1	248.6	88,600																75	
80	61.4	242.4	74,100 *	65.8	246.5	81,500																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	62,800 *	61.2	241.4	70,000	63.9	243.5	67,600													90	
95	54.0	232.7	58,200 *	58.9	238.4	65,200	61.6	240.9	63,000													95	
100	51.5	228.8	54,100 *	56.4	235.2	61,000	59.2	238.0	59,000													100	
105	48.8	224.6	50,500 *	53.9	231.6	57,300	56.8	234.8	55,300	61.4	238.4	52,100										105	
110	46.0	219.9	47,200 *	51.3	227.7	53,900 *	54.3	231.3	52,000	59.0	235.5	49,000										110	
115	43.0	214.7	44,300 *	48.6	223.5	50,300 *	51.7	227.5	49,100	56.6	232.2	46,200										115	
120	39.9	208.9	41,600 *	45.8	218.8	47,100 *	49.1	223.2	46,400	54.1	228.7	43,600										120	
130	32.9	195.1	37,000 *	39.7	207.7	41,500 *	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	36,900 *	36.9	201.4	37,700	43.1	210.7	35,400	48.4	216.9	33,100							140	
150	9.6	142.2	27,600 *	23.9	174.8	33,000 *	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	28,700 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	109,700 *																			50
55	73.7	263.8	106,000 *																			55
60	71.7	262.2	102,500 *																			60
65	69.7	260.4	99,000 *																			65
70	67.6	258.4	90,400 *																			70
75	65.6	256.2	82,000 *	69.6	259.4	79,500																75
80	63.4	253.7	74,800 *	67.5	257.4	72,800																80
85	61.3	251.0	68,700 *	65.5	255.2	67,000	67.9	256.8	63,700													85
90	59.1	248.1	63,300 *	63.3	252.7	61,900	65.8	254.6	58,900													90
95	56.8	244.9	58,700 *	61.2	250.0	57,500	63.7	252.2	54,600													95
100	54.5	241.4	54,500 *	58.9	247.1	53,500	61.5	249.5	50,800													100
105	52.1	237.6	50,800 *	56.7	243.9	50,000	59.3	246.6	47,400													105
110	49.6	233.5	47,500 *	54.3	240.4	46,800	57.0	243.5	44,300	61.3	247.0	40,300										110
115	47.0	229.0	44,600 *	51.9	236.6	43,900	54.7	240.0	41,600	59.1	244.1	37,700										115
120	44.3	224.0	41,900 *	49.5	232.4	41,300	52.3	236.3	39,000	56.8	240.9	35,400										120
130	38.5	212.4	37,200 *	44.2	222.8	36,700	47.3	227.7	34,600	52.1	233.7	31,300	56.5	237.4	28,000							130
140	31.7	197.9	33,200 *	38.3	211.2	32,800	41.8	217.3	30,900	47.0	225.0	27,800	51.8	230.0	24,800							140
150	23.3	178.4	29,800 *	31.6	196.7	29,400	35.6	204.6	27,700	41.5	214.6	24,800	46.7	221.3	22,000	51.3	225.4	19,300				150
160	9.3	143.0	23,600 *	23.1	176.9	26,400	28.3	188.3	24,900	35.3	201.7	22,200	41.1	210.7	19,600	46.1	216.4	17,100				160
170				8.6	140.5	23,800	18.5	164.6	22,400	27.9	185.2	19,900	34.8	197.7	17,500	40.5	205.7	15,200	45.4	210.5	12,900	170
180										17.9	160.9	17,900	27.3	180.7	15,600	34.2	192.3	13,400	39.7	199.4	11,300	180
190													17.0	155.5	13,900	26.5	174.9	11,900	33.2	185.6	9,900	190
200																15.6	148.2	10,400	25.2	167.4	8,600	200
210																			13.4	138.0	7,300	210



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	99,500 *																			55
60	72.9	272.7	96,300 *																			60
65	71.0	271.0	93,100 *																			65
70	69.1	269.2	89,900 *																			70
75	67.2	267.1	81,500 *	70.9	270.1	79,000																75
80	65.2	264.9	74,300 *	69.0	268.2	72,200																80
85	63.2	262.4	68,200 *	67.1	266.1	66,400																85
90	61.2	259.7	62,800 *	65.1	263.9	61,400	67.4	265.5	58,200													90
95	59.1	256.8	58,100 *	63.1	261.4	56,900	65.4	263.3	54,000													95
100	57.0	253.6	54,000 *	61.1	258.7	52,900	63.4	260.9	50,200													100
105	54.8	250.2	50,300 *	59.0	255.7	49,400	61.4	258.2	46,800													105
110	52.6	246.4	47,000 *	56.9	252.6	46,200	59.3	255.3	43,700													110
115	50.3	242.4	44,000 *	54.7	249.1	43,300	57.2	252.2	40,900	61.2	255.7	37,000										115
120	47.9	238.0	41,300 *	52.5	245.4	40,700	55.1	248.7	38,400	59.1	252.8	34,700										120
130	42.8	227.9	36,600 *	47.8	236.9	36,100	50.5	241.0	34,000	54.9	246.2	30,600										130
140	37.2	215.8	32,700 *	42.7	226.8	32,200	45.7	231.9	30,300	50.3	238.4	27,200	54.5	242.6	24,100							140
150	30.7	200.7	29,300 *	37.0	214.6	28,900	40.4	221.0	27,100	45.5	229.2	24,200	50.0	234.7	21,400							150
160	22.6	180.3	26,400 *	30.5	199.4	26,000	34.4	207.7	24,300	40.1	218.2	21,600	45.1	225.5	19,000	49.5	230.0	16,400				160
170	9.0	143.8	20,800 *	22.3	178.8	23,400	27.4	190.7	21,900	34.1	204.8	19,400	39.7	214.3	16,900	44.6	220.6	14,500				170
180				8.3	141.2	21,000	17.8	166.1	19,700	27.0	187.5	17,300	33.7	200.7	15,000	39.2	209.2	12,800	43.9	214.5	10,600	180
190										17.3	162.4	15,500	26.4	183.1	13,400	33.0	195.3	11,200	38.4	202.9	9,200	190
200													16.4	157.0	11,800	25.6	177.1	9,800	32.1	188.5	7,900	200
210																15.0	149.5	8,500	24.4	169.5	6,700	210
220																			12.9	139.1	5,600	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	93,500 *																			55
60	73.9	283.2	90,700 *																			60
65	72.2	281.6	87,800 *																			65
70	70.4	279.9	84,900 *																			70
75	68.6	277.9	81,800 *																			75
80	66.8	275.8	74,800 *	70.3	278.9	71,800																80
85	64.9	273.6	68,600 *	68.5	277.0	66,000																85
90	63.0	271.1	63,100 *	66.7	274.9	61,000																90
95	61.1	268.4	58,400 *	64.8	272.6	56,500	67.0	274.3	53,500													95
100	59.2	265.4	54,200 *	62.9	270.1	52,500	65.1	272.0	49,700													100
105	57.2	262.3	50,400 *	61.0	267.3	49,000	63.2	269.5	46,400													105
110	55.1	258.9	47,100 *	59.1	264.4	45,800	61.3	266.9	43,300													110
115	53.0	255.2	44,000 *	57.1	261.2	42,900	59.4	264.0	40,600													115
120	50.9	251.2	41,300 *	55.0	257.8	40,300	57.4	260.8	38,100	61.1	264.4	34,300										120
130	46.4	242.3	36,600 *	50.8	250.1	35,800	53.3	253.8	33,700	57.2	258.3	30,200										130
140	41.5	231.7	32,600 *	46.2	241.2	31,900	48.9	245.6	30,000	53.1	251.2	26,800	56.9	254.8	23,700							140
150	36.0	219.1	29,100 *	41.3	230.6	28,600	44.2	236.0	26,800	48.7	243.0	23,900	52.8	247.6	21,000							150
160	29.7	203.3	26,200 *	35.9	217.8	25,700	39.1	224.6	24,000	44.0	233.3	21,300	48.4	239.3	18,600	52.4	243.0	16,000				160
170	21.9	182.3	23,600 *	29.6	202.0	23,100	33.4	210.7	21,600	38.9	221.8	19,000	43.7	229.5	16,500	47.9	234.5	14,100				170
180	8.7	144.5	18,500 *	21.6	180.7	20,800	26.5	193.1	19,400	33.1	207.8	17,000	38.5	217.8	14,700	43.2	224.6	12,400	47.3	228.6	10,200	180
190				8.1	141.8	18,700	17.3	167.6	17,400	26.2	189.9	15,200	32.6	203.6	13,000	37.9	212.7	10,900	42.5	218.4	8,800	190
200										16.7	163.8	13,600	25.6	185.3	11,600	32.0	198.2	9,500	37.2	206.3	7,600	200
210													15.9	158.3	10,200	24.8	179.3	8,300	31.1	191.3	6,400	210
220																14.6	150.7	7,100	23.7	171.6	5,400	220
230																			12.5	140.2	4,400	230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	83,900 *																			60
65	73.2	292.1	81,200 *																			65
70	71.5	290.5	78,400 *																			70
75	69.8	288.7	75,000 *																			75
80	68.1	286.7	71,800 *																			80
85	66.4	284.6	68,000 *	69.8	287.7	65,400																85
90	64.6	282.2	62,600 *	68.0	285.7	60,400																90
95	62.9	279.7	57,800 *	66.3	283.6	55,900																95
100	61.1	277.0	53,600 *	64.6	281.2	52,000	66.6	283.0	49,100													100
105	59.2	274.1	49,900 *	62.8	278.7	48,400	64.8	280.7	45,700													105
110	57.3	271.0	46,500 *	61.0	276.0	45,300	63.1	278.2	42,700													110
115	55.4	267.6	43,500 *	59.1	273.1	42,400	61.3	275.5	40,000													115
120	53.4	264.0	40,800 *	57.2	269.9	39,800	59.4	272.6	37,500	62.9	275.7	33,600										120
130	49.3	255.9	36,000 *	53.3	262.9	35,200	55.6	266.2	33,100	59.2	270.1	29,600										130
140	45.0	246.4	32,000 *	49.2	254.8	31,300	51.7	258.7	29,400	55.4	263.6	26,200										140
150	40.2	235.4	28,600 *	44.9	245.3	28,000	47.4	250.0	26,200	51.5	256.1	23,200	55.2	260.1	20,300							150
160	35.0	222.2	25,700 *	40.1	234.2	25,100	42.9	239.9	23,500	47.2	247.4	20,700	51.2	252.5	17,900							160
170	28.9	205.9	23,100 *	34.8	221.0	22,600	38.0	228.0	21,000	42.7	237.2	18,400	46.9	243.6	15,900	50.8	247.8	13,400				170
180	21.2	184.1	20,800 *	28.7	204.6	20,400	32.4	213.6	18,900	37.7	225.2	16,500	42.4	233.4	14,100	46.5	238.8	11,700				180
190	8.4	145.2	16,200 *	21.0	182.6	18,300	25.7	195.3	17,000	32.1	210.7	14,700	37.4	221.2	12,400	41.9	228.4	10,200	45.9	232.9	8,100	190
200				7.8	142.5	16,400	16.8	169.1	15,200	25.4	192.1	13,100	31.7	206.5	11,000	36.8	216.0	8,900	41.2	222.2	6,900	200
210										16.3	165.3	11,600	24.9	187.5	9,600	31.1	200.9	7,700	36.1	209.5	5,800	210
220													15.4	159.7	8,300	24.1	181.5	6,500	30.2	194.0	4,700	220
230																14.2	151.9	5,500				230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	78,800 *																			60
65	74.1	302.5	76,000 *																			65
70	72.5	301.0	73,300 *																			70
75	70.9	299.3	70,300 *																			75
80	69.3	297.5	67,300 *																			80
85	67.7	295.5	64,300 *	70.9	298.3	64,900																85
90	66.1	293.3	61,300 *	69.3	296.5	59,800																90
95	64.4	290.9	57,300 *	67.6	294.5	55,400																95
100	62.7	288.4	53,100 *	66.0	292.3	51,400	67.9	293.9	48,500													100
105	61.0	285.7	49,400 *	64.3	289.9	47,900	66.3	291.7	45,200													105
110	59.3	282.8	46,000 *	62.6	287.4	44,700	64.6	289.4	42,100													110
115	57.5	279.6	43,000 *	60.9	284.7	41,800	62.9	286.9	39,400													115
120	55.7	276.3	40,300 *	59.2	281.7	39,200	61.2	284.2	36,900													120
130	51.9	268.9	35,500 *	55.6	275.2	34,700	57.7	278.2	32,500	61.0	281.7	29,000										130
140	47.9	260.3	31,500 *	51.8	267.8	30,800	54.0	271.3	28,800	57.5	275.6	25,600										140
150	43.7	250.5	28,100 *	47.8	259.2	27,500	50.2	263.4	25,700	53.8	268.7	22,600	57.3	272.1	19,700							150
160	39.1	239.0	25,200 *	43.6	249.3	24,600	46.1	254.3	22,900	50.0	260.8	20,100	53.6	265.1	17,300							160
170	34.0	225.3	22,600 *	39.0	237.8	22,100	41.7	243.8	20,500	45.9	251.6	17,900	49.7	257.1	15,300							170
180	28.1	208.4	20,300 *	33.9	224.0	19,900	36.9	231.4	18,400	41.5	241.0	15,900	45.6	247.9	13,500	49.3	252.4	11,100				180
190	20.6	185.9	18,300 *	27.9	207.1	17,900	31.5	216.5	16,500	36.7	228.5	14,200	41.2	237.2	11,900	45.2	243.0	9,600				190
200	8.2	145.9	14,000 *	20.4	184.4	16,100	25.0	197.6	14,800	31.2	213.5	12,600	36.3	224.5	10,400	40.7	232.1	8,300	44.6	237.0	6,200	200
210				7.6	143.1	14,300	16.3	170.5	13,200	24.7	194.3	11,100	30.8	209.2	9,100	35.8	219.3	7,100	40.1	225.9	5,200	210
220										15.8	166.6	9,800	24.2	189.7	7,900	30.2	203.6	6,000	35.1	212.7	4,200	220
230													15.0	161.0	6,700	23.4	183.5	5,000				230
240																13.8	153.1	4,000				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	70,900 *																65
70	73.4	311.5	68,100 *																70
75	71.9	309.9	65,300 *																75
80	70.4	308.1	62,500 *																80
85	68.9	306.2	59,600 *																85
90	67.3	304.2	56,700 *	70.3	307.2	59,200													90
95	65.8	302.0	53,800 *	68.8	305.3	54,800													95
100	64.2	299.6	51,100 *	67.3	303.2	50,800													100
105	62.6	297.1	48,400 *	65.7	301.0	47,300	67.5	302.6	44,500										105
110	60.9	294.3	45,500 *	64.1	298.6	44,100	65.9	300.4	41,500										110
115	59.3	291.4	42,400 *	62.5	296.1	41,300	64.4	298.1	38,800										115
120	57.6	288.3	39,700 *	60.9	293.3	38,700	62.8	295.5	36,300										120
130	54.1	281.4	35,000 *	57.5	287.3	34,100	59.5	289.9	31,900	62.6	293.1	28,300							130
140	50.5	273.6	31,000 *	54.0	280.4	30,300	56.1	283.5	28,200	59.3	287.4	24,900							140
150	46.6	264.7	27,500 *	50.4	272.5	26,900	52.5	276.3	25,100	55.9	281.0	22,000							150
160	42.5	254.4	24,600 *	46.5	263.5	24,100	48.8	268.0	22,300	52.4	273.7	19,500	55.7	277.5	16,600				160
170	38.1	242.4	22,000 *	42.4	253.2	21,600	44.9	258.5	19,900	48.6	265.3	17,300	52.1	270.1	14,600				170
180	33.1	228.3	19,800 *	38.0	241.2	19,300	40.6	247.5	17,800	44.7	255.8	15,300	48.4	261.6	12,800	51.7	265.4	10,400	180
190	27.3	210.9	17,800 *	33.0	227.0	17,400	35.9	234.6	15,900	40.4	244.7	13,500	44.4	252.0	11,200	48.0	256.9	8,900	190
200	20.1	187.7	15,800 *	27.2	209.5	15,600	30.7	219.2	14,200	35.7	231.8	12,000	40.1	240.8	9,800	44.0	247.1	7,600	200
210	8.0	146.6	12,100 *	19.9	186.1	13,900	24.4	199.7	12,700	30.4	216.2	10,500	35.4	227.7	8,500	39.6	235.8	6,400	210
220				7.4	143.8	12,400	15.9	171.9	11,200	24.1	196.4	9,200	30.0	211.9	7,300	34.9	222.4	5,300	220
230										15.4	168.0	8,000	23.6	191.8	6,200	29.4	206.3	4,300	230
240													14.6	162.2	5,100				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	71.1	195.9	183,400 *c																			36
38	69.3	195.2	177,900 *c																			38
40	67.6	194.3	172,600 *b																			40
45	63.0	191.9	160,600 *b																			45
50	58.3	189.0	139,900 *b	68.1	193.7	153,800 b																50
55	53.3	185.5	122,000 *	63.6	191.3	135,500 b																55
60	47.9	181.2	107,900 *	58.9	188.4	120,800 b	64.8	191.0	117,100 b													60
65	42.0	176.0	96,600 *	53.9	185.0	108,900	60.2	188.2	105,500 b													65
70	35.3	169.5	87,300 *	48.6	180.8	99,100	55.3	184.9	96,000 b													70
75	27.1	160.9	79,500 *	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	72,800 *	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	71,800	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				130



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	
36	73.5	206.5	175,900 *c																			36
38	72.0	205.8	170,900 *c																			38
40	70.5	205.1	166,000 *b																			40
45	66.6	203.1	154,900 *b																			45
50	62.7	200.6	140,700 *b	71.0	204.4	153,400 b																50
55	58.5	197.7	122,700 *	67.1	202.4	135,100 b																55
60	54.1	194.2	108,500 *	63.2	200.0	120,500 b																60
65	49.5	190.2	97,100 *	59.0	197.1	108,600	64.2	199.6	105,100 b													65
70	44.6	185.4	87,700 *	54.7	193.7	98,700	60.1	196.9	95,500													70
75	39.1	179.6	79,800 *	50.1	189.8	90,400	55.9	193.7	87,500													75
80	32.9	172.5	73,100 *	45.2	185.0	83,200	51.4	189.8	80,600	60.5	194.7	76,100										80
85	25.3	163.1	67,300 *	39.8	179.4	77,100	46.5	185.4	74,600	56.2	191.5	70,500										85
90	14.1	148.4	62,200 *	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

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	75.4	216.9	170,300 *c																			36
38	74.1	216.3	165,600 *b																			38
40	72.8	215.7	161,100 *b																			40
45	69.4	213.9	150,800 *b																			45
50	65.9	211.8	141,300 *b																			50
55	62.4	209.3	123,100 *	69.8	213.2	134,700 b																55
60	58.7	206.3	108,900 *	66.4	211.1	120,100 b																60
65	54.8	203.0	97,400 *	62.8	208.6	108,200	67.3	210.7	104,700 b													65
70	50.8	199.0	87,900 *	59.1	205.8	98,400	63.8	208.3	95,100													70
75	46.5	194.5	80,000 *	55.3	202.5	90,000	60.1	205.6	87,100													75
80	41.9	189.2	73,200 *	51.3	198.6	82,900	56.3	202.4	80,200													80
85	36.7	182.9	67,400 *	47.0	194.2	76,800	52.4	198.7	74,200	60.4	203.4	70,000										85
90	30.9	175.2	62,400 *	42.5	189.0	71,400	48.2	194.4	69,000	56.6	200.2	65,100										90
95	23.7	165.2	57,900 *	37.4	182.8	66,600	43.7	189.4	64,400	52.7	196.5	60,800										95
100	13.2	149.5	53,900 *	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	58,500 *	33.3	176.5	56,600	44.1	187.4	53,400	52.8	193.3	50,200							105
110				15.0	151.2	54,400 *	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	150



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	160,000 *b																			38
40	74.5	226.2	155,900 *b																			40
45	71.5	224.6	146,300 *b																			45
50	68.5	222.7	137,600 *b																			50
55	65.3	220.5	123,300 *																			55
60	62.1	217.9	108,900 *	68.9	222.0	119,700 b																60
65	58.8	215.0	97,300 *	65.7	219.8	107,800																65
70	55.4	211.7	87,800 *	62.5	217.3	97,900	66.6	219.4	94,600													70
75	51.8	207.9	79,900 *	59.2	214.4	89,600	63.4	217.0	86,600													75
80	48.0	203.6	73,100 *	55.8	211.2	82,500	60.1	214.2	79,700													80
85	43.9	198.6	67,200 *	52.2	207.4	76,400	56.7	211.1	73,800													85
90	39.6	192.8	62,200 *	48.5	203.2	71,000	53.2	207.4	68,600	60.4	212.0	64,600										90
95	34.7	186.1	57,700 *	44.5	198.3	66,300	49.5	203.3	64,000	57.0	208.9	60,200										95
100	29.2	177.8	53,800 *	40.1	192.7	62,100	45.5	198.6	59,900	53.5	205.3	56,400										100
105	22.5	167.2	50,200 *	35.4	186.0	58,300 *	41.3	193.2	56,300	49.8	201.3	52,900	57.1	205.7	49,700							105
110	12.5	150.6	47,000 *	30.0	178.0	54,300 *	36.7	186.9	53,000	45.9	196.6	49,800	53.6	202.1	46,700							110
115				23.4	167.7	50,700 *	31.5	179.3	50,000	41.7	191.2	47,000	49.9	198.1	44,100							115
120				14.2	152.4	47,500 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	150,700 *b																			40
45	73.3	235.1	141,900 *b																			45
50	70.5	233.4	133,800 *																			50
55	67.7	231.4	126,400 *																			55
60	64.9	229.2	112,100 *	70.9	232.7	119,200																60
65	61.9	226.6	100,100 *	68.1	230.7	107,300																65
70	58.9	223.7	90,200 *	65.2	228.5	97,500																70
75	55.8	220.4	82,000 *	62.3	226.0	89,200	66.0	228.1	86,100													75
80	52.6	216.7	75,000 *	59.3	223.1	82,100	63.1	225.7	79,200													80
85	49.2	212.5	69,000 *	56.2	219.9	76,000	60.1	222.9	73,300													85
90	45.6	207.8	63,800 *	53.0	216.2	70,600	57.0	219.7	68,100													90
95	41.8	202.4	59,200 *	49.6	212.1	65,900	53.8	216.2	63,500	60.3	220.7	59,700										95
100	37.6	196.3	55,100 *	46.0	207.5	61,700	50.5	212.2	59,500	57.3	217.6	55,900										100
105	33.1	189.0	51,500 *	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	45,300 *	33.7	189.1	51,500	39.3	196.8	49,600	47.3	205.7	46,600	54.2	210.9	43,600							115
120	11.9	151.6	40,500 *	28.5	180.5	48,700 *	34.9	190.0	46,900	43.6	200.6	44,000	50.9	206.9	41,200							120
130				13.5	153.5	43,000 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	135,800 *b																			45
50	72.2	244.0	128,400 *																			50
55	69.7	242.2	121,700 *																			55
60	67.1	240.2	111,800 *																			60
65	64.5	237.9	99,800 *	70.0	241.5	106,900																65
70	61.8	235.2	89,900 *	67.4	239.5	97,100																70
75	59.0	232.3	81,600 *	64.8	237.2	88,800																75
80	56.2	229.1	74,600 *	62.1	234.6	81,700	65.5	236.8	78,800													80
85	53.2	225.5	68,600 *	59.4	231.8	75,500	62.8	234.3	72,800													85
90	50.1	221.4	63,400 *	56.5	228.6	70,200	60.1	231.5	67,700													90
95	46.9	216.9	58,800 *	53.6	225.0	65,500	57.3	228.4	63,100	63.0	232.1	59,200										95
100	43.5	211.8	54,700 *	50.5	221.0	61,300	54.4	224.9	59,000	60.3	229.3	55,400										100
105	39.9	206.1	51,100 *	47.3	216.5	57,500	51.3	221.1	55,400	57.5	226.3	52,000										105
110	36.0	199.5	47,800 *	44.0	211.5	54,200	48.2	216.8	52,200	54.6	222.8	48,900										110
115	31.6	191.9	44,900 *	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	35,700 *	27.2	183.0	42,600 *	33.3	193.0	41,800	41.6	204.5	39,100	48.5	211.5	36,500							130
140				12.9	154.6	37,900 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	127,800 *b																			45
50	73.6	254.5	123,000 *																			50
55	71.3	252.9	118,200 *																			55
60	68.9	251.0	112,300 *																			60
65	66.6	248.9	100,600 *																			65
70	64.1	246.5	90,500 *	69.2	250.3	96,800																70
75	61.6	243.9	82,100 *	66.9	248.2	88,500																75
80	59.1	241.0	75,000 *	64.4	245.9	81,400	67.5	247.8	78,500													80
85	56.5	237.8	68,900 *	61.9	243.3	75,300	65.1	245.5	72,600													85
90	53.8	234.2	63,600 *	59.4	240.4	69,900	62.6	243.0	67,400													90
95	51.0	230.3	58,900 *	56.8	237.2	65,200	60.1	240.2	62,800													95
100	48.0	225.9	54,800 *	54.1	233.7	61,100	57.5	237.1	58,800	62.8	240.8	55,100										100
105	45.0	221.1	51,200 *	51.3	229.8	57,300	54.8	233.7	55,200	60.3	238.0	51,700										105
110	41.7	215.7	47,900 *	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	42,300 *	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	37,600 *	35.0	202.6	42,600 *	39.6	210.1	41,600	46.4	219.0	38,900	52.3	224.6	36,200							130
140	10.9	153.4	31,800 *	26.1	185.3	37,900 *	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	33,900 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	114,000 *																			50
55	72.7	263.4	109,900 *																			55
60	70.5	261.7	105,900 *																			60
65	68.3	259.8	100,200 *																			65
70	66.1	257.6	90,100 *	70.8	261.0	87,200																70
75	63.8	255.2	81,700 *	68.6	259.1	79,400																75
80	61.5	252.6	74,600 *	66.4	256.9	72,700																80
85	59.1	249.7	68,400 *	64.1	254.6	67,000	67.0	256.5	63,300													85
90	56.7	246.5	63,100 *	61.8	252.0	61,900	64.7	254.2	58,500													90
95	54.2	243.0	58,500 *	59.4	249.1	57,500	62.4	251.7	54,300													95
100	51.6	239.1	54,400 *	57.0	245.9	53,500	60.1	248.9	50,500													100
105	49.0	234.9	50,700 *	54.5	242.5	50,000	57.7	245.8	47,200	62.6	249.4	42,500										105
110	46.2	230.2	47,400 *	52.0	238.7	46,800	55.2	242.4	44,200	60.3	246.7	39,700										110
115	43.2	225.1	44,500 *	49.3	234.5	44,000	52.7	238.7	41,400	57.9	243.6	37,200										115
120	40.1	219.3	41,800 *	46.5	229.9	41,400	50.0	234.6	38,900	55.4	240.2	34,900										120
130	33.2	205.6	37,100 *	40.5	219.1	36,800	44.4	225.2	34,600	50.2	232.5	30,900	55.5	237.0	27,300							130
140	24.5	187.1	33,200 *	33.6	205.6	32,900	38.1	213.5	30,900	44.6	223.1	27,500	50.3	229.3	24,100							140
150	10.5	154.3	28,200 *	25.1	187.5	29,500	30.8	198.7	27,700	38.4	211.6	24,600	44.7	220.0	21,500	50.2	225.0	18,500				150
160				11.9	156.7	26,500	21.2	177.7	24,900	31.1	196.9	22,000	38.5	208.5	19,100	44.6	215.6	16,300				160
170										21.7	176.3	19,700	31.2	193.8	17,100	38.3	204.0	14,500	44.2	209.9	11,900	170
180													21.8	173.3	15,200	31.0	189.3	12,800	37.9	198.2	10,500	180
190																21.6	168.6	11,300	30.6	183.3	9,100	190
200																			20.9	162.0	7,800	200



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	108,500 *																			50
55	73.9	273.9	105,100 *																			55
60	71.9	272.3	101,700 *																			60
65	69.8	270.5	98,400 *																			65
70	67.8	268.5	91,000 *																			70
75	65.7	266.3	82,500 *	70.1	269.8	78,800																75
80	63.6	263.9	75,300 *	68.0	267.8	72,100																80
85	61.4	261.2	69,100 *	66.0	265.6	66,400																85
90	59.2	258.3	63,700 *	63.8	263.3	61,300	66.5	265.2	57,900													90
95	56.9	255.1	59,000 *	61.7	260.6	56,900	64.4	262.9	53,700													95
100	54.6	251.7	54,800 *	59.5	257.7	53,000	62.3	260.3	49,900													100
105	52.2	247.9	51,100 *	57.2	254.6	49,400	60.1	257.5	46,600													105
110	49.8	243.8	47,800 *	54.9	251.2	46,300	57.8	254.4	43,500	62.4	258.1	39,000										110
115	47.2	239.3	44,800 *	52.5	247.4	43,400	55.5	251.1	40,800	60.2	255.3	36,500										115
120	44.5	234.3	42,100 *	50.1	243.4	40,800	53.2	247.4	38,300	58.0	252.3	34,200										120
130	38.7	222.9	37,300 *	44.8	234.0	36,300	48.2	239.1	34,000	53.4	245.3	30,300										130
140	32.0	208.5	33,400 *	39.1	222.7	32,400	42.8	229.1	30,300	48.4	237.0	26,900	53.4	242.1	23,500							140
150	23.7	189.2	29,900 *	32.4	208.6	29,100	36.8	216.9	27,100	43.0	227.1	24,000	48.5	233.8	20,800							150
160	10.1	155.2	24,200 *	24.3	189.6	26,100	29.7	201.3	24,400	37.0	215.0	21,400	43.1	223.9	18,500	48.4	229.5	15,700				160
170				11.4	157.7	23,500	20.5	179.5	21,900	30.0	199.6	19,200	37.1	211.9	16,500	43.0	219.5	13,800				170
180										20.9	178.1	17,200	30.1	196.5	14,700	37.0	207.4	12,200	42.6	213.9	9,800	180
190													21.1	175.1	13,000	29.9	192.0	10,700	36.6	201.6	8,500	190
200																20.9	170.4	9,400	29.5	185.9	7,300	200
210																			20.2	163.8	6,100	210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	98,500 *																			55
60	73.0	282.8	95,500 *																			60
65	71.2	281.1	92,400 *																			65
70	69.2	279.3	89,400 *																			70
75	67.3	277.3	83,000 *																			75
80	65.4	275.0	75,600 *	69.5	278.6	71,500																80
85	63.4	272.6	69,300 *	67.6	276.6	65,800																85
90	61.3	269.9	63,800 *	65.6	274.4	60,700																90
95	59.3	267.0	59,000 *	63.6	271.9	56,300	66.1	273.9	53,000													95
100	57.1	263.8	54,700 *	61.6	269.3	52,400	64.1	271.6	49,300													100
105	55.0	260.4	51,000 *	59.5	266.4	48,900	62.1	269.0	45,900													105
110	52.7	256.7	47,600 *	57.4	263.3	45,700	60.1	266.2	42,900													110
115	50.4	252.7	44,600 *	55.2	259.9	42,800	58.0	263.1	40,200	62.3	266.8	35,800										115
120	48.1	248.3	41,800 *	53.0	256.2	40,200	55.8	259.8	37,700	60.2	264.0	33,600										120
130	43.0	238.3	37,000 *	48.4	247.9	35,700	51.3	252.3	33,400	56.0	257.6	29,600										130
140	37.4	226.3	33,000 *	43.3	238.0	31,800	46.6	243.4	29,700	51.5	250.2	26,200	56.0	254.4	22,800							140
150	30.9	211.3	29,600 *	37.8	226.1	28,500	41.4	232.9	26,600	46.7	241.4	23,300	51.6	247.0	20,100							150
160	22.9	191.2	26,600 *	31.4	211.4	25,600	35.5	220.1	23,800	41.6	230.9	20,800	46.8	238.2	17,800	51.5	242.6	14,900				160
170	9.8	156.0	21,400 *	23.5	191.7	23,100	28.7	203.9	21,400	35.8	218.2	18,600	41.6	227.8	15,800	46.7	233.8	13,100				170
180				11.1	158.6	20,700	19.8	181.2	19,200	29.0	202.2	16,600	35.9	215.1	14,000	41.5	223.4	11,500	46.4	228.2	9,000	180
190										20.2	179.9	14,800	29.1	199.1	12,400	35.7	210.6	10,000	41.2	217.6	7,700	190
200													20.4	176.9	10,900	29.0	194.6	8,700	35.4	204.8	6,600	200
210																20.2	172.2	7,500	28.5	188.4	5,500	210
220																			19.5	165.5	4,500	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	92,600 *																			55
60	74.1	293.3	89,800 *																			60
65	72.3	291.7	87,100 *																			65
70	70.5	290.0	84,400 *																			70
75	68.7	288.1	81,500 *																			75
80	66.9	286.0	75,300 *	70.7	289.2	71,100																80
85	65.0	283.7	69,000 *	68.9	287.4	65,300																85
90	63.2	281.2	63,500 *	67.1	285.3	60,300																90
95	61.2	278.6	58,700 *	65.3	283.1	55,900	67.6	284.9	52,600													95
100	59.3	275.6	54,400 *	63.4	280.6	52,000	65.8	282.7	48,900													100
105	57.3	272.5	50,700 *	61.5	277.9	48,500	63.9	280.3	45,500													105
110	55.3	269.1	47,300 *	59.5	275.1	45,300	62.0	277.7	42,500													110
115	53.2	265.5	44,200 *	57.6	272.0	42,500	60.1	274.8	39,800													115
120	51.0	261.5	41,500 *	55.5	268.6	39,900	58.1	271.8	37,300	62.1	275.4	33,100										120
130	46.5	252.6	36,700 *	51.3	261.1	35,300	54.0	264.9	33,000	58.2	269.6	29,200										130
140	41.6	242.1	32,700 *	46.8	252.3	31,500	49.7	257.0	29,400	54.2	262.8	25,800										140
150	36.2	229.6	29,300 *	42.0	241.9	28,200	45.1	247.6	26,200	49.9	254.9	23,000	54.2	259.6	19,700							150
160	30.0	214.0	26,300 *	36.6	229.5	25,300	40.1	236.6	23,500	45.3	245.6	20,500	49.9	251.7	17,500							160
170	22.2	193.1	23,700 *	30.4	214.1	22,800	34.4	223.2	21,100	40.3	234.6	18,300	45.3	242.4	15,500	49.8	247.3	12,700				170
180	9.5	156.8	19,000 *	22.7	193.7	20,600	27.8	206.4	19,000	34.7	221.4	16,300	40.3	231.5	13,700	45.2	238.0	11,100				180
190				10.7	159.5	18,500	19.2	182.9	17,000	28.1	204.7	14,600	34.7	218.2	12,100	40.2	227.0	9,700	45.0	232.4	7,400	190
200										19.6	181.6	13,000	28.2	201.6	10,700	34.6	213.8	8,400	39.9	221.3	6,200	200
210													19.8	178.7	9,300	28.1	197.1	7,200	34.3	207.9	5,100	210
220																19.6	173.9	6,100	27.6	190.9	4,200	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	83,100 *																			60
65	73.3	302.2	80,600 *																			65
70	71.6	300.6	78,100 *																			70
75	70.0	298.8	74,800 *																			75
80	68.2	296.8	71,600 *																			80
85	66.5	294.7	68,400 *	70.2	298.1	64,800																85
90	64.8	292.4	63,000 *	68.5	296.1	59,700																90
95	63.0	289.9	58,100 *	66.7	294.0	55,300																95
100	61.2	287.2	53,900 *	65.0	291.8	51,400	67.2	293.6	48,200													100
105	59.3	284.3	50,100 *	63.2	289.3	47,900	65.5	291.4	44,900													105
110	57.5	281.2	46,700 *	61.4	286.6	44,700	63.7	288.9	41,900													110
115	55.5	277.8	43,700 *	59.6	283.7	41,900	61.9	286.3	39,200													115
120	53.6	274.2	41,000 *	57.7	280.6	39,300	60.1	283.5	36,700													120
130	49.5	266.2	36,200 *	53.8	273.7	34,800	56.3	277.2	32,400	60.2	281.3	28,500										130
140	45.1	256.8	32,100 *	49.8	265.7	30,900	52.4	269.9	28,800	56.4	275.0	25,200										140
150	40.4	245.8	28,700 *	45.4	256.5	27,700	48.2	261.5	25,600	52.5	267.8	22,300	56.5	271.8	19,000							150
160	35.2	232.7	25,800 *	40.7	245.6	24,800	43.7	251.7	22,900	48.4	259.4	19,800	52.6	264.6	16,800							160
170	29.1	216.6	23,200 *	35.5	232.7	22,300	38.9	240.1	20,500	43.9	249.6	17,600	48.4	256.2	14,800	52.5	260.2	12,000				170
180	21.5	195.0	20,900 *	29.5	216.7	20,100	33.4	226.2	18,400	39.1	238.2	15,700	44.0	246.5	13,000	48.3	251.8	10,400				180
190	9.2	157.6	16,600 *	22.1	195.7	18,100	27.0	208.8	16,500	33.6	224.4	14,000	39.1	235.0	11,500	43.9	242.1	9,000				190
200				10.4	160.4	16,200	18.7	184.5	14,800	27.3	207.1	12,400	33.7	221.3	10,000	39.0	230.6	7,700	43.6	236.4	5,500	200
210										19.0	183.3	11,000	27.4	204.0	8,800	33.6	216.8	6,600	38.7	224.8	4,400	210
220													19.2	180.3	7,600	27.2	199.5	5,500				220
230																19.0	175.6	4,500				230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	78,000 *																60
65	74.2	312.6	75,600 *																65
70	72.6	311.1	72,800 *																70
75	71.1	309.4	70,000 *																75
80	69.5	307.6	67,100 *																80
85	67.8	305.6	64,200 *																85
90	66.2	303.4	61,300 *	69.7	306.9	59,200													90
95	64.5	301.1	57,600 *	68.0	304.9	54,800													95
100	62.8	298.6	53,400 *	66.4	302.8	50,800													100
105	61.1	295.9	49,600 *	64.7	300.4	47,300	66.8	302.3	44,300										105
110	59.4	293.0	46,200 *	63.0	298.0	44,200	65.2	300.1	41,300										110
115	57.6	289.9	43,200 *	61.3	295.3	41,300	63.5	297.6	38,600										115
120	55.8	286.5	40,500 *	59.6	292.4	38,800	61.8	295.0	36,200										120
130	52.0	279.1	35,700 *	56.0	286.0	34,200	58.3	289.1	31,900	61.9	292.8	27,900							130
140	48.1	270.6	31,600 *	52.3	278.7	30,400	54.7	282.4	28,200	58.4	286.9	24,600							140
150	43.9	260.8	28,200 *	48.3	270.3	27,100	50.9	274.7	25,100	54.8	280.3	21,700							150
160	39.3	249.4	25,300 *	44.1	260.5	24,300	46.8	265.8	22,400	51.0	272.6	19,200	54.9	277.0	16,200				160
170	34.2	235.8	22,700 *	39.6	249.2	21,800	42.5	255.6	20,000	47.0	263.8	17,100	51.1	269.4	14,200				170
180	28.3	219.1	20,400 *	34.5	235.8	19,600	37.8	243.5	17,900	42.7	253.6	15,200	47.0	260.6	12,400				180
190	21.0	196.9	18,400 *	28.7	219.3	17,600	32.5	229.1	16,000	38.0	241.6	13,400	42.7	250.4	10,900	51.0	265.0	9,800	190
200	8.9	158.3	14,500 *	21.5	197.5	15,800	26.3	211.1	14,300	32.7	227.3	11,900	38.0	238.5	9,500	42.6	246.0	7,100	200
210				10.1	161.3	14,100	18.1	186.1	12,800	26.5	209.5	10,500	32.8	224.2	8,200	37.9	234.1	6,000	210
220										18.5	184.9	9,200	26.6	206.4	7,000	32.7	219.7	4,900	220
230													18.7	182.0	6,000	26.5	201.8	4,000	230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	70,000 *																65
70	73.5	321.6	67,700 *																70
75	72.0	320.0	65,100 *																75
80	70.5	318.3	62,300 *																80
85	69.0	316.4	59,500 *																85
90	67.4	314.3	56,700 *	70.7	317.5	58,600													90
95	65.9	312.1	53,900 *	69.2	315.7	54,200													95
100	64.3	309.8	51,200 *	67.6	313.7	50,300													100
105	62.7	307.3	48,600 *	66.1	311.5	46,800													105
110	61.1	304.5	45,700 *	64.5	309.1	43,600	66.5	311.1	40,700										110
115	59.4	301.6	42,600 *	62.9	306.6	40,800	64.9	308.8	38,000										115
120	57.7	298.5	39,900 *	61.3	303.9	38,200	63.3	306.3	35,500										120
130	54.2	291.7	35,100 *	57.9	298.0	33,700	60.1	300.8	31,200										130
140	50.6	283.9	31,100 *	54.5	291.2	29,800	56.7	294.6	27,600	60.2	298.6	23,900							140
150	46.8	275.0	27,700 *	50.8	283.5	26,600	53.2	287.4	24,500	56.8	292.4	21,100							150
160	42.7	264.8	24,700 *	47.0	274.6	23,700	49.5	279.3	21,800	53.3	285.3	18,600	56.9	289.2	15,500				160
170	38.2	252.9	22,100 *	42.9	264.5	21,200	45.6	270.1	19,400	49.6	277.2	16,400	53.3	282.1	13,500				170
180	33.3	238.8	19,900 *	38.5	252.7	19,000	41.4	259.4	17,300	45.7	268.0	14,500	49.7	274.0	11,800				180
190	27.6	221.5	17,800 *	33.6	238.8	17,100	36.8	246.9	15,500	41.5	257.4	12,800	45.8	264.8	10,200	49.6	269.7	7,700	190
200	20.4	198.7	16,000 *	27.9	221.8	15,300	31.6	232.0	13,800	37.0	245.0	11,300	41.6	254.2	8,800	45.7	260.5	6,400	200
210	8.7	159.1	12,400 *	20.9	199.4	13,700	25.6	213.3	12,300	31.8	230.2	9,900	37.0	241.9	7,600	41.5	249.8	5,300	210
220				9.8	162.1	12,100	17.7	187.6	10,800	25.8	211.7	8,600	31.9	227.1	6,400	36.9	237.4	4,300	220
230										18.0	186.4	7,400			5,400				230
240													18.2	183.5	4,400				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	71.4	206.1	182,900 *c																			36
38	69.7	205.3	177,600 *c																			38
40	67.9	204.5	172,500 *b																			40
45	63.4	202.1	160,900 *b																			45
50	58.6	199.2	141,300 *b	69.2	204.1	153,000 c																50
55	53.6	195.7	123,100 *b	64.7	201.9	134,700 b																55
60	48.3	191.5	108,800 *	60.1	199.1	120,200 b	66.4	201.6	116,100 b													60
65	42.4	186.4	97,300 *	55.2	195.8	108,300 b	61.8	199.1	104,600 b													65
70	35.8	180.0	87,900 *	49.9	191.8	98,500	57.0	196.0	95,100 b													70
75	27.7	171.6	80,000 *	44.2	187.0	90,200	51.9	192.3	87,100	63.0	197.2	82,100 b										75
80	16.3	158.5	73,200 *	37.9	181.0	83,100	46.4	187.8	80,200	58.2	194.2	75,600 b										80
85				30.4	173.4	76,900	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	20.0	144.6	29,700	140



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	73.8	216.6	175,300 *c																			36
38	72.3	215.9	170,400 *c																			38
40	70.8	215.2	165,700 *b																			40
45	66.9	213.2	155,000 *b																			45
50	62.9	210.8	142,200 *b																			50
55	58.8	207.9	123,800 *	68.1	212.8	134,300 b																55
60	54.5	204.5	109,400 *	64.1	210.5	119,800 b																60
65	49.9	200.5	97,800 *	60.0	207.8	107,900 b	65.6	210.3	104,200 b													65
70	44.9	195.7	88,300 *	55.8	204.5	98,100	61.6	207.8	94,700 b													70
75	39.5	190.0	80,300 *	51.3	200.7	89,800	57.4	204.7	86,700													75
80	33.3	183.0	73,500 *	46.4	196.2	82,800	53.0	201.1	79,800	62.6	205.8	75,100 b										80
85	25.9	173.9	67,700 *	41.2	190.8	76,600	48.3	196.8	73,900	58.4	202.9	69,500										85
90	15.2	159.8	62,600 *	35.3	184.2	71,200	43.2	191.8	68,700	54.1	199.4	64,600										90
95				28.3	175.9	66,500	37.5	185.7	64,100	49.5	195.4	60,300										95
100				19.0	163.9	62,200	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

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	75.7	227.0	169,400 *c																			36
38	74.3	226.4	164,900 *c																			38
40	73.0	225.8	160,600 *b																			40
45	69.6	224.0	150,600 *b																			45
50	66.2	221.9	141,400 *b																			50
55	62.6	219.4	124,300 *	70.6	223.6	133,900 b																55
60	58.9	216.6	109,800 *	67.2	221.6	119,400 b																60
65	55.1	213.2	98,100 *	63.7	219.2	107,600																65
70	51.1	209.3	88,500 *	60.0	216.4	97,800	65.0	219.0	94,300 b													70
75	46.8	204.8	80,500 *	56.3	213.2	89,500	61.4	216.4	86,300													75
80	42.2	199.6	73,700 *	52.3	209.5	82,400	57.7	213.4	79,400													80
85	37.1	193.4	67,800 *	48.1	205.2	76,300	53.8	209.9	73,500	62.3	214.5	69,000										85
90	31.3	185.8	62,700 *	43.6	200.2	71,000	49.7	205.8	68,400	58.6	211.6	64,100										90
95	24.3	176.0	58,200 *	38.7	194.4	66,200	45.3	201.1	63,800	54.8	208.2	59,900										95
100	14.2	161.0	54,200 *	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																17.1	152.5	28,200	33.0	169.7	26,100	150
160																			17.5	147.7	23,700	160



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
38	75.9	236.8	159,000 *c																			38
40	74.7	236.3	155,100 *b																			40
45	71.7	234.7	145,800 *b																			45
50	68.7	232.8	137,400 *b																			50
55	65.6	230.6	125,300 *																			55
60	62.3	228.1	110,500 *	69.6	232.4	118,900 b																60
65	59.0	225.2	98,600 *	66.5	230.3	107,100																65
70	55.6	221.9	88,900 *	63.3	227.9	97,300	67.6	230.0	93,800													70
75	52.0	218.2	80,700 *	60.0	225.1	89,100	64.5	227.7	85,800													75
80	48.2	213.9	73,800 *	56.6	221.9	82,000	61.3	225.1	79,000													80
85	44.2	209.0	67,900 *	53.1	218.3	75,900	57.9	222.0	73,100													85
90	39.9	203.3	62,700 *	49.4	214.2	70,600	54.4	218.6	67,900	62.1	223.1	63,600										90
95	35.1	196.6	58,200 *	45.5	209.5	65,900	50.8	214.7	63,400	58.7	220.2	59,300										95
100	29.6	188.5	54,200 *	41.2	204.0	61,700	46.9	210.2	59,300	55.3	216.9	55,500										100
105	23.0	178.0	50,600 *	36.6	197.7	57,900	42.8	205.0	55,700	51.7	213.1	52,100										105
110	13.5	162.2	47,400 *	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	51,500	33.4	191.9	49,500	43.9	203.8	46,300	52.4	210.3	43,100							115
120				16.9	166.9	48,400 *	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	170	170



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	139,900 *b																			45
50	70.7	243.5	132,200 *																			50
55	67.9	241.6	125,200 *																			55
60	65.1	239.3	113,000 *																			60
65	62.1	236.8	100,800 *	68.8	241.2	106,700																65
70	59.1	233.9	90,900 *	65.9	239.0	96,900																70
75	56.0	230.6	82,500 *	63.0	236.5	88,600	67.0	238.7	85,300													75
80	52.8	227.0	75,400 *	60.0	233.8	81,600	64.1	236.4	78,500													80
85	49.4	222.8	69,400 *	57.0	230.6	75,500	61.1	233.7	72,600													85
90	45.8	218.1	64,100 *	53.8	227.1	70,200	58.1	230.7	67,500													90
95	42.0	212.8	59,500 *	50.4	223.1	65,500	55.0	227.3	62,900	61.9	231.8	58,800										95
100	37.9	206.7	55,400 *	46.9	218.6	61,300	51.7	223.5	58,900	58.9	228.9	55,000										100
105	33.4	199.6	51,700 *	43.2	213.5	57,500	48.2	219.2	55,300	55.7	225.6	51,600										105
110	28.2	191.0	48,500 *	39.2	207.6	54,200	44.6	214.3	52,100	52.5	221.9	48,600										110
115	21.9	179.9	45,500 *	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	41,300 *	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	134,900 *b																			45
50	72.4	254.1	128,000 *																			50
55	69.8	252.3	121,500 *																			55
60	67.3	250.3	112,700 *																			60
65	64.6	248.0	100,500 *	70.6	251.9	106,200																65
70	62.0	245.4	90,500 *	68.0	249.9	96,400																70
75	59.2	242.5	82,200 *	65.4	247.7	88,200																75
80	56.4	239.3	75,100 *	62.8	245.2	81,100	66.4	247.5	78,000													80
85	53.4	235.7	69,000 *	60.0	242.4	75,000	63.8	245.1	72,100													85
90	50.4	231.7	63,700 *	57.2	239.3	69,700	61.0	242.4	67,000													90
95	47.2	227.2	59,100 *	54.3	235.8	65,000	58.3	239.4	62,500													95
100	43.8	222.2	55,000 *	51.3	231.9	60,900	55.4	236.0	58,400	61.7	240.5	54,500										100
105	40.2	216.5	51,300 *	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	45,100 *	41.3	217.3	50,800	46.0	223.5	48,700	53.2	230.7	45,300										115
120	27.0	193.4	42,400 *	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	36,400 *	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	38,400 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	121,900 *																			50
55	71.5	263.0	117,500 *																			55
60	69.1	261.1	112,200 *																			60
65	66.7	259.0	101,400 *																			65
70	64.3	256.7	91,200 *	69.8	260.7	87,000																70
75	61.8	254.1	82,700 *	67.4	258.7	79,200																75
80	59.3	251.2	75,500 *	65.0	256.4	72,600																80
85	56.6	248.0	69,300 *	62.6	253.9	66,900	65.9	256.2	63,000													85
90	53.9	244.5	63,900 *	60.0	251.1	61,900	63.5	253.7	58,300													90
95	51.2	240.6	59,200 *	57.4	248.0	57,500	61.0	251.0	54,100													95
100	48.2	236.2	55,100 *	54.8	244.5	53,500	58.4	248.1	50,400													100
105	45.2	231.4	51,400 *	52.0	240.7	50,100	55.8	244.8	47,000	61.6	249.1	42,100										105
110	41.9	226.1	48,100 *	49.1	236.6	46,900	53.0	241.1	44,000	59.0	246.2	39,300										110
115	38.5	220.0	45,100 *	46.1	231.9	44,000	50.2	237.1	41,300	56.4	243.0	36,800										115
120	34.7	213.2	42,400 *	42.9	226.7	41,500	47.2	232.6	38,900	53.7	239.4	34,600										120
130	25.9	195.7	37,700 *	35.9	214.3	36,900	40.8	222.0	34,600	48.0	231.1	30,600	54.2	236.6	26,800							130
140	11.7	165.3	32,500 *	27.4	197.7	33,000	33.4	208.5	30,900	41.7	220.8	27,300	48.6	228.4	23,800							140
150				14.7	170.9	29,600	24.1	189.9	27,700	34.4	207.8	24,400	42.3	218.4	21,100	48.9	224.4	18,000				150
160							6.9	152.3	24,800	25.4	190.0	21,900	35.2	205.6	18,900	42.7	214.5	15,900				160
170										10.7	158.2	19,500	26.4	188.5	16,800	35.6	202.0	14,100	42.8	209.3	11,400	170
180													12.9	159.6	14,900	27.0	185.2	12,500	35.8	196.8	10,000	180
190																14.1	157.7	10,900	27.2	180.1	8,700	190
200																			14.4	153.0	7,400	200



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	112,900 *																			50
55	72.8	273.5	108,900 *																			55
60	70.7	271.8	105,100 *																			60
65	68.5	269.9	101,000 *																			65
70	66.3	267.8	90,800 *																			70
75	64.0	265.4	82,200 *	69.1	269.5	78,600																75
80	61.7	262.8	75,000 *	66.9	267.4	72,000																80
85	59.3	259.9	68,900 *	64.7	265.1	66,300	67.7	267.1	62,400													85
90	56.9	256.7	63,500 *	62.4	262.5	61,300	65.5	264.9	57,600													90
95	54.4	253.2	58,800 *	60.0	259.7	56,900	63.2	262.4	53,400													95
100	51.8	249.4	54,600 *	57.6	256.7	53,000	60.9	259.7	49,700													100
105	49.1	245.2	50,900 *	55.2	253.3	49,500	58.5	256.7	46,400													105
110	46.4	240.6	47,600 *	52.6	249.5	46,300	56.1	253.4	43,400	61.5	257.8	38,600										110
115	43.4	235.4	44,700 *	50.0	245.5	43,500	53.5	249.9	40,700	59.1	254.9	36,100										115
120	40.3	229.8	42,000 *	47.2	241.0	40,900	50.9	245.9	38,300	56.7	251.7	33,900										120
130	33.4	216.2	37,300 *	41.3	230.5	36,400	45.4	236.8	34,000	51.6	244.3	30,000	57.2	248.7	26,000							130
140	24.9	197.9	33,300 *	34.5	217.4	32,500	39.3	225.6	30,300	46.1	235.4	26,700	52.1	241.5	23,000							140
150	11.3	166.2	28,800 *	26.3	200.0	29,200	32.1	211.4	27,200	40.1	224.5	23,800	46.7	232.8	20,400	52.4	237.5	17,200				150
160				14.2	172.1	26,200	23.2	191.9	24,400	33.1	210.8	21,300	40.7	222.1	18,200	47.0	228.8	15,200				160
170							6.6	152.8	21,800	24.4	192.2	19,100	33.8	208.7	16,200	41.1	218.3	13,400	47.1	223.6	10,600	170
180										10.3	159.1	17,000	25.4	190.7	14,400	34.3	205.1	11,800	41.2	213.1	9,200	180
190													12.4	160.6	12,700	26.0	187.5	10,300	34.4	199.9	8,000	190
200																13.6	158.9	9,000	26.2	182.5	6,800	200
210																			13.9	154.2	5,700	210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	107,400 *																			50
55	74.0	284.0	104,100 *																			55
60	72.0	282.4	100,900 *																			60
65	70.0	280.6	97,700 *																			65
70	67.9	278.7	91,700 *																			70
75	65.8	276.5	83,100 *	70.6	280.2	78,000																75
80	63.7	274.1	75,800 *	68.5	278.2	71,400																80
85	61.6	271.4	69,500 *	66.5	276.1	65,700																85
90	59.4	268.5	64,100 *	64.4	273.8	60,700	67.2	275.8	57,000													90
95	57.1	265.4	59,300 *	62.2	271.2	56,300	65.1	273.6	52,800													95
100	54.8	261.9	55,100 *	60.0	268.4	52,400	63.0	271.1	49,100													100
105	52.4	258.2	51,300 *	57.8	265.3	48,900	60.8	268.4	45,800													105
110	49.9	254.1	48,000 *	55.5	262.0	45,800	58.6	265.4	42,800													110
115	47.4	249.6	45,000 *	53.1	258.3	42,900	56.3	262.1	40,100	61.4	266.5	35,500										115
120	44.7	244.7	42,200 *	50.7	254.3	40,300	54.0	258.6	37,700	59.2	263.5	33,200										120
130	38.9	233.3	37,500 *	45.5	245.2	35,800	49.1	250.5	33,400	54.6	256.9	29,300										130
140	32.2	219.1	33,500 *	39.8	234.1	32,000	43.8	240.8	29,700	49.7	249.0	26,000	55.0	254.0	22,400							140
150	24.0	200.0	30,100 *	33.3	220.4	28,700	37.9	229.1	26,600	44.5	239.5	23,200	50.2	246.2	19,800							150
160	10.9	167.1	24,700 *	25.4	202.3	25,800	31.0	214.2	23,900	38.6	228.0	20,700	45.0	236.9	17,600	50.5	242.2	14,500				160
170				13.7	173.3	23,200	22.4	193.9	21,500	31.9	213.6	18,500	39.2	225.7	15,600	45.3	233.0	12,700				170
180							6.4	153.3	19,200	23.6	194.2	16,600	32.6	211.6	13,800	39.6	221.9	11,100	45.4	227.8	8,500	180
190										9.9	160.0	14,700	24.5	192.9	12,200	33.1	208.1	9,700	39.7	216.7	7,300	190
200													12.0	161.6	10,700	25.1	189.7	8,500	33.2	202.9	6,200	200
210																13.1	160.0	7,200	25.2	184.7	5,100	210
220																			13.4	155.4	4,100	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	97,500 *																			55
60	73.2	292.9	94,600 *																			60
65	71.3	291.3	91,700 *																			65
70	69.4	289.4	88,800 *																			70
75	67.4	287.4	83,600 *																			75
80	65.5	285.2	76,100 *	70.0	289.0	70,800																80
85	63.5	282.7	69,700 *	68.0	287.0	65,100																85
90	61.5	280.1	64,100 *	66.1	284.8	60,100																90
95	59.4	277.2	59,300 *	64.1	282.5	55,700	66.8	284.6	52,100													95
100	57.3	274.1	55,000 *	62.1	279.9	51,800	64.8	282.3	48,400													100
105	55.1	270.6	51,200 *	60.0	277.1	48,300	62.8	279.8	45,100													105
110	52.9	267.0	47,800 *	57.9	274.0	45,200	60.8	277.0	42,200													110
115	50.6	262.9	44,800 *	55.8	270.7	42,300	58.7	274.1	39,500													115
120	48.2	258.6	42,000 *	53.6	267.1	39,800	56.6	270.8	37,000	61.3	275.1	32,500										120
130	43.2	248.7	37,200 *	48.9	258.9	35,300	52.1	263.5	32,800	57.1	269.0	28,600										130
140	37.6	236.7	33,100 *	44.0	249.3	31,400	47.4	254.9	29,100	52.7	261.9	25,300	57.5	266.1	21,600							140
150	31.2	221.9	29,700 *	38.5	237.6	28,200	42.3	244.7	26,000	48.0	253.5	22,500	53.1	259.1	19,100							150
160	23.2	202.0	26,700 *	32.2	223.3	25,300	36.6	232.4	23,300	43.0	243.5	20,100	48.5	250.8	16,800							160
170	10.5	168.0	21,800 *	24.6	204.4	22,800	30.0	216.9	20,900	37.3	231.4	17,900	43.5	241.0	14,900	48.8	246.8	12,000				170
180				13.2	174.4	20,500	21.6	195.8	18,800	30.9	216.4	16,000	37.9	229.1	13,200	43.8	237.1	10,400				180
190							6.1	153.8	16,800	22.8	196.3	14,200	31.6	214.5	11,600	38.3	225.4	9,000	43.9	231.8	6,500	190
200										9.6	160.8	12,600	23.7	195.0	10,200	32.0	210.9	7,800	38.4	220.2	5,400	200
210													11.6	162.6	8,800	24.3	191.9	6,600	32.1	205.8	4,400	210
220																12.6	161.1	5,500				220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	91,500 *																			55
60	74.2	303.3	88,900 *																			60
65	72.4	301.8	86,300 *																			65
70	70.6	300.1	83,700 *																			70
75	68.8	298.2	81,100 *																			75
80	67.0	296.1	75,800 *																			80
85	65.2	293.9	69,400 *	69.4	297.8	64,600																85
90	63.3	291.4	63,800 *	67.6	295.8	59,700																90
95	61.4	288.7	59,000 *	65.7	293.5	55,300																95
100	59.4	285.9	54,700 *	63.9	291.1	51,400	66.4	293.3	48,000													100
105	57.5	282.7	50,900 *	62.0	288.5	47,900	64.5	291.0	44,700													105
110	55.4	279.4	47,500 *	60.0	285.7	44,800	62.7	288.4	41,800													110
115	53.3	275.7	44,400 *	58.0	282.7	42,000	60.7	285.7	39,100													115
120	51.2	271.8	41,700 *	56.0	279.4	39,400	58.8	282.7	36,600													120
130	46.7	262.9	36,900 *	51.8	272.0	34,900	54.7	276.1	32,400	59.3	280.9	28,200										130
140	41.8	252.5	32,800 *	47.4	263.3	31,100	50.5	268.3	28,800	55.2	274.3	25,000										140
150	36.4	240.0	29,400 *	42.6	253.2	27,800	45.9	259.2	25,700	51.0	266.7	22,100	55.6	271.4	18,700							150
160	30.2	224.6	26,400 *	37.3	241.0	25,000	41.0	248.5	23,000	46.5	257.8	19,700	51.4	263.9	16,500							160
170	22.5	204.0	23,800 *	31.2	226.1	22,500	35.5	235.6	20,600	41.6	247.3	17,600	46.9	255.1	14,500	51.7	259.9	11,600				170
180	10.2	168.9	19,400 *	23.8	206.5	20,300	29.1	219.5	18,500	36.2	234.7	15,700	42.1	244.8	12,800	47.2	251.2	10,000				180
190				12.8	175.5	18,200	21.0	197.6	16,600	29.9	219.1	13,900	36.7	232.5	11,300	42.4	241.0	8,700	47.3	245.9	6,200	190
200							5.9	154.3	14,800	22.1	198.2	12,400	30.6	217.2	9,900	37.1	228.8	7,400	42.5	235.8	5,100	200
210										9.3	161.5	10,900	23.0	197.0	8,600	31.0	213.7	6,300	37.2	223.6	4,100	210
220													11.2	163.6	7,400	23.5	193.9	5,300				220
230																12.3	162.1	4,300				230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	82,200 *																60
65	73.4	312.3	79,900 *																65
70	71.8	310.7	77,600 *																70
75	70.1	308.9	74,500 *																75
80	68.4	307.0	71,400 *																80
85	66.6	304.9	68,400 *	70.6	308.4	64,000													85
90	64.9	302.6	63,300 *	68.9	306.6	59,100													90
95	63.1	300.1	58,500 *	67.2	304.5	54,700													95
100	61.3	297.4	54,200 *	65.4	302.3	50,800	67.8	304.2	47,400										100
105	59.5	294.5	50,400 *	63.6	299.8	47,300	66.1	302.0	44,100										105
110	57.6	291.4	47,000 *	61.9	297.2	44,200	64.3	299.6	41,100										110
115	55.7	288.1	43,900 *	60.0	294.4	41,400	62.5	297.1	38,500										115
120	53.7	284.5	41,100 *	58.2	291.3	38,800	60.7	294.4	36,000										120
130	49.6	276.4	36,300 *	54.3	284.5	34,300	57.0	288.2	31,800	61.2	292.4	27,600							130
140	45.3	267.1	32,300 *	50.3	276.7	30,500	53.1	281.1	28,200	57.4	286.4	24,300							140
150	40.6	256.2	28,800 *	46.0	267.6	27,300	48.9	272.9	25,100	53.5	279.4	21,500	57.8	283.4	17,900				150
160	35.4	243.2	25,900 *	41.3	257.0	24,400	44.5	263.3	22,400	49.5	271.3	19,100	53.9	276.6	15,800				160
170	29.3	227.2	23,300 *	36.2	244.3	22,000	39.7	252.1	20,100	45.1	262.0	16,900	49.9	268.6	13,800				170
180	21.8	205.9	21,000 *	30.3	228.8	19,800	34.4	238.7	18,000	40.4	251.0	15,000	45.5	259.4	12,100	50.1	264.6	9,300	180
190	9.9	169.7	17,000 *	23.1	208.6	17,800	28.2	222.0	16,100	35.1	237.9	13,300	40.8	248.6	10,600	45.8	255.5	8,000	190
200				12.4	176.6	15,900	20.3	199.4	14,400	29.0	221.7	11,800	35.7	235.7	9,300	41.1	244.8	6,700	200
210							5.8	154.8	12,800	21.5	200.1	10,400	29.7	219.8	8,000	36.0	232.0	5,600	210
220										9.0	162.3	9,100	22.3	199.0	6,900	30.1	216.4	4,600	220
230													10.9	164.5	5,700				230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	75,500 *																60
65	74.3	322.7	74,000 *																65
70	72.8	321.2	72,400 *																70
75	71.2	319.5	69,700 *																75
80	69.6	317.7	66,900 *																80
85	67.9	315.7	64,100 *																85
90	66.3	313.6	61,300 *	70.0	317.3	58,500													90
95	64.6	311.3	58,000 *	68.4	315.3	54,100													95
100	63.0	308.8	53,700 *	66.8	313.2	50,200													100
105	61.2	306.1	49,900 *	65.1	311.0	46,800	67.4	312.9	43,500										105
110	59.5	303.2	46,500 *	63.5	308.5	43,600	65.7	310.7	40,500										110
115	57.7	300.1	43,400 *	61.8	305.9	40,800	64.1	308.3	37,900										115
120	55.9	296.8	40,600 *	60.0	303.0	38,300	62.4	305.8	35,400										120
130	52.2	289.4	35,800 *	56.5	296.8	33,800	58.9	300.1	31,200	62.8	303.8	26,900							130
140	48.2	281.0	31,800 *	52.7	289.5	30,000	55.3	293.5	27,600	59.3	298.2	23,700							140
150	44.0	271.2	28,300 *	48.8	281.3	26,700	51.5	286.0	24,500	55.8	291.7	20,900							150
160	39.4	259.8	25,400 *	44.7	271.7	23,900	47.5	277.3	21,900	52.0	284.3	18,500	56.1	288.8	15,100				160
170	34.4	246.3	22,800 *	40.2	260.6	21,500	43.3	267.3	19,500	48.0	275.8	16,300	52.4	281.5	13,200				170
180	28.5	229.7	20,500 *	35.2	247.5	19,300	38.6	255.6	17,500	43.8	266.0	14,500	48.4	273.1	11,500				180
190	21.2	207.8	18,500 *	29.5	231.4	17,300	33.5	241.7	15,600	39.2	254.6	12,800	44.2	263.5	10,000	52.6	277.5	8,700	190
200	9.6	170.6	14,800 *	22.5	210.6	15,500	27.4	224.4	13,900	34.1	241.0	11,300	39.7	252.2	8,700	44.5	259.6	6,100	200
210				12.1	177.6	13,900	19.8	201.1	12,400	28.2	224.2	9,900	34.7	238.8	7,500	40.0	248.4	5,000	210
220							5.6	155.2	10,900	20.9	201.9	8,700	28.9	222.4	6,300	35.0	235.2	4,000	220
230										8.8	163.0	7,400	21.7	200.9	5,300				230
240													10.6	165.4	4,300				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	67,900 *																65
70	73.6	331.7	66,600 *																70
75	72.1	330.1	64,700 *																75
80	70.6	328.4	62,100 *																80
85	69.1	326.5	59,400 *																85
90	67.6	324.5	56,600 *																90
95	66.0	322.3	53,900 *	69.6	326.1	53,500													95
100	64.4	320.0	51,300 *	68.0	324.1	49,600													100
105	62.8	317.4	48,700 *	66.5	321.9	46,200													105
110	61.2	314.7	45,900 *	64.9	319.6	43,100	67.0	321.7	39,900										110
115	59.5	311.8	42,900 *	63.3	317.2	40,200	65.5	319.4	37,200										115
120	57.8	308.8	40,100 *	61.7	314.5	37,700	63.9	317.0	34,800										120
130	54.4	301.9	35,300 *	58.3	308.7	33,200	60.6	311.7	30,600										130
140	50.7	294.2	31,200 *	54.9	302.0	29,400	57.3	305.6	27,000	61.0	309.8	23,000							140
150	46.9	285.3	27,800 *	51.3	294.4	26,200	53.8	298.6	23,900	57.7	303.8	20,200							150
160	42.8	275.1	24,800 *	47.5	285.7	23,400	50.1	290.7	21,300	54.2	296.9	17,800	58.0	300.8	14,400				160
170	38.4	263.3	22,200 *	43.5	275.7	20,900	46.3	281.6	18,900	50.6	289.1	15,700	54.6	294.0	12,500				170
180	33.5	249.3	19,900 *	39.1	264.2	18,700	42.1	271.2	16,900	46.7	280.2	13,800	50.9	286.3	10,800				180
190	27.8	232.2	17,900 *	34.2	250.6	16,800	37.6	259.1	15,000	42.6	269.9	12,200	47.1	277.5	9,300	51.2	282.3	6,600	190
200	20.7	209.6	16,100 *	28.7	234.0	15,000	32.6	244.6	13,400	38.2	258.1	10,700	43.1	267.4	8,000	47.4	273.6	5,400	200
210	9.4	171.3	12,800 *	21.9	212.5	13,400	26.7	226.8	11,900	33.2	244.0	9,300	38.6	255.7	6,800	43.3	263.6	4,300	210
220				11.8	178.6	11,900	19.3	202.8	10,500	27.5	226.6	8,100	33.7	241.9	5,700				220
230							5.4	155.7	9,100	20.3	203.7	6,900	28.1	224.9	4,700				230
240										8.5	163.8	5,800							240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	71.7	216.2	182,000 *c																			36
38	70.0	215.4	176,900 *c																			38
40	68.2	214.6	172,000 *c																			40
45	63.7	212.3	160,700 *b																			45
50	59.0	209.4	142,800 *b	70.3	214.5	152,100 c																50
55	54.0	206.0	124,200 *b	65.8	212.4	134,000 b																55
60	48.7	201.8	109,700 *	61.2	209.8	119,500 b	67.9	212.3	115,000 b													60
65	42.8	196.8	98,100 *	56.4	206.6	107,700 b	63.4	209.9	103,700 b													65
70	36.3	190.5	88,500 *	51.2	202.8	98,000	58.7	207.0	94,300 b													70
75	28.4	182.3	80,500 *	45.7	198.2	89,700	53.7	203.5	86,300 b													75
80	17.3	169.8	73,700 *	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	76,500	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	66,100	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	74.1	226.7	174,200 *c																			36
38	72.6	226.1	169,500 *c																			38
40	71.0	225.4	165,000 *c																			40
45	67.2	223.4	154,600 *b																			45
50	63.2	221.0	144,800 *b																			50
55	59.1	218.1	125,800 *b	69.0	223.3	133,500 b																55
60	54.8	214.7	111,000 *	65.1	221.1	119,100 b																60
65	50.2	210.8	99,100 *	61.1	218.4	107,300 b	67.0	221.0	103,200 b													65
70	45.3	206.1	89,300 *	56.8	215.3	97,600	63.0	218.5	93,800 b													70
75	39.9	200.4	81,200 *	52.4	211.6	89,300	58.9	215.7	85,900													75
80	33.8	193.5	74,300 *	47.7	207.3	82,300	54.5	212.3	79,100													80
85	26.4	184.6	68,300 *	42.5	202.1	76,200	49.9	208.3	73,200	60.6	214.1	68,300 b										85
90	16.1	171.1	63,100 *	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	57,900	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	28.0	167.0	25,200	150



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
36	75.9	237.1	168,000 *c																			36
38	74.6	236.5	163,700 *c																			38
40	73.2	235.9	159,600 *b																			40
45	69.9	234.2	150,000 *b																			45
50	66.4	232.1	141,300 *b																			50
55	62.9	229.6	126,300 *																			55
60	59.2	226.8	111,400 *	68.0	232.0	118,700 b																60
65	55.4	223.4	99,400 *	64.6	229.7	107,000 b																65
70	51.4	219.6	89,600 *	60.9	227.1	97,200	66.2	229.7	93,300 b													70
75	47.1	215.2	81,400 *	57.2	224.0	89,000	62.7	227.2	85,400													75
80	42.5	210.0	74,400 *	53.3	220.4	82,000	59.0	224.3	78,700													80
85	37.5	203.9	68,500 *	49.2	216.3	75,900	55.2	221.0	72,800													85
90	31.8	196.4	63,300 *	44.7	211.5	70,500	51.1	217.1	67,700	60.5	222.8	63,000										90
95	24.9	186.8	58,700 *	39.9	205.8	65,800	46.9	212.6	63,200	56.8	219.6	58,800										95
100	15.2	172.4	54,600 *	34.6	199.0	61,700	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	153,800 *b																			40
45	72.0	244.8	145,000 *b																			45
50	68.9	243.0	136,900 *b																			50
55	65.8	240.8	126,400 *																			55
60	62.6	238.3	111,400 *	70.4	242.8	118,200 b																60
65	59.3	235.4	99,400 *	67.3	240.8	106,500																65
70	55.9	232.2	89,500 *	64.1	238.4	96,800																70
75	52.3	228.4	81,300 *	60.8	235.7	88,600	65.6	238.4	84,900													75
80	48.5	224.2	74,300 *	57.5	232.7	81,500	62.4	235.9	78,200													80
85	44.5	219.3	68,300 *	54.0	229.2	75,500	59.1	233.0	72,300													85
90	40.2	213.7	63,100 *	50.3	225.2	70,200	55.7	229.7	67,200													90
95	35.5	207.1	58,500 *	46.4	220.6	65,500	52.1	225.9	62,700	60.5	231.4	58,200										95
100	30.1	199.1	54,500 *	42.3	215.4	61,300	48.3	221.7	58,700	57.1	228.3	54,500										100
105	23.5	188.9	50,900 *	37.8	209.3	57,600	44.3	216.8	55,200	53.6	224.8	51,200										105
110	14.3	173.6	47,600 *	32.7	202.0	54,200	40.0	211.1	51,900	49.9	220.7	48,200										110
115				26.8	193.0	51,200	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	170



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	139,000 *b																			45
50	70.9	253.6	131,600 *b																			50
55	68.1	251.7	124,800 *																			55
60	65.3	249.5	113,900 *																			60
65	62.3	247.0	101,600 *	69.4	251.6	106,000																65
70	59.3	244.1	91,500 *	66.6	249.5	96,300																70
75	56.2	240.9	83,100 *	63.7	247.1	88,100	68.0	249.3	84,400													75
80	53.0	237.2	75,900 *	60.8	244.4	81,100	65.1	247.1	77,700													80
85	49.7	233.1	69,800 *	57.7	241.3	75,000	62.2	244.5	71,800													85
90	46.1	228.5	64,400 *	54.6	237.9	69,700	59.2	241.7	66,800													90
95	42.3	223.2	59,800 *	51.3	234.0	65,100	56.1	238.4	62,300													95
100	38.2	217.2	55,700 *	47.8	229.7	60,900	52.8	234.7	58,300	60.4	240.1	54,000										100
105	33.7	210.1	52,000 *	44.1	224.7	57,200	49.5	230.6	54,700	57.4	237.0	50,700										105
110	28.6	201.6	48,700 *	40.2	219.1	53,800	45.9	225.9	51,500	54.2	233.5	47,700										110
115	22.4	190.8	45,700 *	35.9	212.5	50,800	42.1	220.6	48,600	50.9	229.6	45,000										115
120	13.6	174.8	42,000 *	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	43,200	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	133,600 *b																			45
50	72.6	264.2	127,100 *																			50
55	70.0	262.5	120,900 *																			55
60	67.5	260.5	113,700 *																			60
65	64.8	258.2	101,300 *																			65
70	62.1	255.6	91,200 *	68.7	260.3	86,500																70
75	59.4	252.7	82,700 *	66.1	258.2	78,800																75
80	56.6	249.5	75,500 *	63.4	255.8	72,200	67.3	258.1	67,700													80
85	53.6	246.0	69,400 *	60.7	253.1	66,600	64.7	255.8	62,400													85
90	50.6	242.0	64,000 *	57.9	250.0	61,600	62.0	253.2	57,700													90
95	47.4	237.6	59,400 *	55.0	246.6	57,200	59.2	250.3	53,500													95
100	44.0	232.6	55,200 *	52.0	242.8	53,300	56.4	247.1	49,800													100
105	40.4	226.9	51,600 *	48.9	238.6	49,800	53.5	243.5	46,500	60.4	248.8	41,100										105
110	36.5	220.5	48,300 *	45.6	233.9	46,700	50.4	239.5	43,600	57.6	245.7	38,400										110
115	32.2	213.0	45,300 *	42.1	228.6	43,900	47.2	235.0	40,900	54.7	242.3	36,000										115
120	27.3	204.1	42,600 *	38.4	222.6	41,300	43.8	230.0	38,400	51.7	238.4	33,800										120
130	13.0	175.9	37,000 *	29.7	207.4	36,700	36.3	217.8	34,200	45.3	229.4	29,900	52.8	236.0	25,700							130
140				17.5	183.9	32,800	27.0	201.2	30,500	38.0	217.9	26,600	46.5	227.3	22,800							140
150							12.4	172.3	27,200	29.2	202.5	23,800	39.4	216.3	20,200	47.4	223.8	16,700				150
160										16.6	178.0	21,200	30.9	201.8	18,000	40.4	213.2	14,800	48.0	218.9	11,600	160
170													19.4	179.9	16,000	32.3	199.3	13,000	41.1	208.5	10,100	170
180																21.4	179.0	11,400	33.1	195.0	8,700	180
190																			22.7	175.6	7,500	190



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	120,600 *																			50
55	71.6	273.1	116,400 *																			55
60	69.3	271.3	111,700 *																			60
65	66.9	269.2	102,100 *																			65
70	64.5	266.9	91,800 *	70.4	271.1	86,100																70
75	62.0	264.3	83,200 *	68.0	269.1	78,400																75
80	59.4	261.4	75,900 *	65.6	266.9	71,900																80
85	56.8	258.2	69,700 *	63.2	264.4	66,200	66.8	266.8	62,000													85
90	54.1	254.7	64,300 *	60.7	261.7	61,200	64.3	264.5	57,300													90
95	51.3	250.8	59,600 *	58.1	258.7	56,900	61.8	261.9	53,200													95
100	48.4	246.5	55,400 *	55.4	255.3	53,000	59.3	259.0	49,500													100
105	45.4	241.8	51,700 *	52.7	251.6	49,500	56.7	255.8	46,200	62.9	260.2	40,700										105
110	42.2	236.5	48,300 *	49.8	247.5	46,400	54.0	252.3	43,300	60.4	257.4	38,000										110
115	38.7	230.5	45,300 *	46.9	243.0	43,600	51.2	248.3	40,600	57.8	254.4	35,600										115
120	35.0	223.7	42,600 *	43.7	238.0	41,000	48.3	244.0	38,200	55.1	251.0	33,400										120
130	26.2	206.4	37,900 *	36.8	225.9	36,500	42.0	233.9	33,900	49.5	243.1	29,600	56.1	248.4	25,300							130
140	12.5	177.0	33,000 *	28.5	210.0	32,600	34.8	221.0	30,300	43.4	233.4	26,300	50.6	240.8	22,400							140
150				16.8	185.3	29,300	25.9	203.5	27,100	36.4	221.2	23,500	44.5	231.5	19,900	51.4	237.1	16,400				150
160							11.9	173.3	24,300	28.0	204.9	21,000	37.7	219.8	17,700	45.4	228.0	14,400				160
170										15.9	179.4	18,800	29.7	204.4	15,800	38.8	216.8	12,700	46.0	223.2	9,800	170
180													18.6	181.5	14,000	30.9	202.1	11,200	39.4	212.1	8,400	180
190																20.6	180.8	9,800	31.8	197.8	7,200	190
200																			21.8	177.5	6,100	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 Lb. Counterweight
360 Degree Rating

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

2250 SERIES 1

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	111,600 *																			50
55	73.0	283.6	107,900 *																			55
60	70.8	281.9	104,200 *																			60
65	68.6	280.0	100,700 *																			65
70	66.4	277.9	91,400 *																			70
75	64.2	275.6	82,800 *	69.7	279.9	77,800																75
80	61.8	272.9	75,500 *	67.5	277.8	71,300																80
85	59.5	270.1	69,300 *	65.2	275.6	65,600																85
90	57.1	266.9	63,800 *	62.9	273.1	60,600	66.3	275.5	56,600													90
95	54.6	263.5	59,100 *	60.6	270.4	56,300	64.0	273.2	52,500													95
100	52.0	259.7	54,900 *	58.2	267.4	52,400	61.7	270.5	48,800													100
105	49.3	255.5	51,200 *	55.8	264.0	48,900	59.3	267.6	45,600													105
110	46.6	250.9	47,900 *	53.2	260.4	45,800	56.9	264.5	42,600	62.7	268.9	37,300										110
115	43.6	245.8	44,900 *	50.6	256.4	43,000	54.4	261.0	40,000	60.3	266.1	34,900										115
120	40.6	240.2	42,100 *	47.9	252.0	40,400	51.9	257.2	37,500	57.9	263.0	32,700										120
130	33.7	226.7	37,400 *	42.0	241.8	36,000	46.4	248.4	33,300	52.9	256.0	28,900										130
140	25.2	208.6	33,400 *	35.4	229.1	32,100	40.4	237.6	29,700	47.6	247.5	25,700	53.9	253.5	21,700							140
150	12.0	178.0	29,300 *	27.4	212.4	28,800	33.5	224.0	26,600	41.7	237.2	22,900	48.6	245.3	19,200							150
160				16.1	186.7	25,900	24.9	205.7	23,900	35.0	224.3	20,400	42.8	235.4	17,000	49.4	241.7	13,700				160
170							11.4	174.3	21,400	26.9	207.3	18,300	36.3	223.1	15,100	43.7	232.1	12,000				170
180										15.3	180.7	16,300	28.5	207.0	13,400	37.3	220.1	10,500	44.2	227.3	7,700	180
190													17.9	183.1	11,800	29.8	204.7	9,100	37.9	215.6	6,500	190
200																19.8	182.5	7,900	30.6	200.6	5,400	200
210																			20.9	179.3	4,400	210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	102,900 *																			55
60	72.2	292.5	99,900 *																			60
65	70.1	290.7	96,800 *																			65
70	68.1	288.8	92,400 *																			70
75	66.0	286.6	83,600 *																			75
80	63.9	284.2	76,200 *	69.0	288.7	70,600																80
85	61.7	281.6	69,900 *	67.0	286.6	65,000																85
90	59.5	278.7	64,400 *	64.9	284.3	60,000	68.0	286.4	55,900													90
95	57.3	275.6	59,600 *	62.7	281.8	55,700	65.9	284.2	51,800													95
100	54.9	272.2	55,400 *	60.6	279.0	51,800	63.8	281.8	48,200													100
105	52.6	268.4	51,600 *	58.3	276.0	48,400	61.6	279.2	44,900													105
110	50.1	264.4	48,200 *	56.1	272.7	45,200	59.4	276.3	42,000													110
115	47.5	259.9	45,200 *	53.7	269.2	42,400	57.1	273.2	39,300	62.5	277.5	34,200										115
120	44.9	255.0	42,400 *	51.3	265.3	39,900	54.8	269.7	36,900	60.3	274.7	32,000										120
130	39.1	243.7	37,600 *	46.2	256.3	35,400	50.0	261.9	32,700	55.8	268.4	28,200										130
140	32.5	229.6	33,600 *	40.5	245.5	31,600	44.7	252.5	29,100	51.0	260.8	25,000	56.6	265.8	21,000							140
150	24.3	210.8	30,200 *	34.2	232.2	28,300	38.9	241.1	26,000	45.9	251.8	22,300	51.9	258.4	18,500							150
160	11.6	179.0	25,100 *	26.5	214.8	25,500	32.3	226.9	23,400	40.2	240.9	19,800	46.8	249.7	16,400	52.6	254.7	13,000				160
170				15.6	188.1	22,900	24.1	207.9	21,000	33.8	227.4	17,700	41.3	239.2	14,500	47.6	246.2	11,300				170
180							11.0	175.2	18,800	26.0	209.6	15,800	35.0	226.2	12,800	42.1	236.0	9,800				180
190										14.7	182.0	14,100	27.5	209.4	11,300	36.0	223.4	8,500	42.6	231.2	5,800	190
200													17.3	184.6	9,900	28.7	207.3	7,300	36.6	218.9	4,800	200
210																19.1	184.2	6,200				210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	96,300 *																55
60	73.3	303.0	93,600 *																60
65	71.4	301.4	90,800 *																65
70	69.5	299.6	87,700 *																70
75	67.6	297.5	84,100 *																75
80	65.6	295.3	76,600 *	70.4	299.3	70,000													80
85	63.6	292.9	70,100 *	68.5	297.4	64,400													85
90	61.6	290.3	64,500 *	66.6	295.3	59,400													90
95	59.5	287.4	59,600 *	64.6	293.0	55,100	67.5	295.2	51,200										95
100	57.4	284.3	55,300 *	62.6	290.5	51,200	65.5	292.9	47,500										100
105	55.3	280.9	51,500 *	60.5	287.7	47,800	63.5	290.5	44,300										105
110	53.1	277.2	48,000 *	58.4	284.7	44,600	61.5	287.9	41,300										110
115	50.8	273.2	45,000 *	56.3	281.4	41,800	59.4	285.0	38,700										115
120	48.4	268.9	42,200 *	54.1	277.9	39,300	57.3	281.8	36,300	62.4	286.2	31,300							120
130	43.4	259.0	37,300 *	49.5	269.9	34,800	52.9	274.7	32,100	58.2	280.4	27,500							130
140	37.8	247.2	33,300 *	44.6	260.4	31,000	48.3	266.4	28,500	53.9	273.5	24,300							140
150	31.4	232.4	29,800 *	39.2	249.1	27,800	43.2	256.5	25,400	49.3	265.5	21,600	54.7	271.0	17,800				150
160	23.5	212.8	26,800 *	33.0	235.2	25,000	37.6	244.6	22,800	44.3	255.9	19,200	50.1	263.2	15,600				160
170	11.2	179.9	22,300 *	25.6	217.0	22,400	31.2	229.7	20,400	38.9	244.4	17,100	45.2	253.9	13,800	50.8	259.5	10,500	170
180				15.1	189.4	20,200	23.3	209.9	18,300	32.7	230.3	15,200	39.9	242.8	12,100	45.9	250.5	9,100	180
190							10.6	176.1	16,400	25.1	211.9	13,500	33.9	229.3	10,600	40.7	239.7	7,800	190
200										14.2	183.2	11,900	26.6	211.8	9,300	34.8	226.5	6,600	200
210													16.7	186.1	8,000	27.8	209.8	5,500	210
220																18.5	185.8	4,500	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	86,500 *																60
65	72.6	311.9	84,200 *																65
70	70.8	310.2	81,600 *																70
75	69.0	308.3	78,800 *																75
80	67.2	306.3	75,800 *																80
85	65.3	304.0	69,800 *	69.8	308.2	63,900													85
90	63.4	301.6	64,200 *	68.0	306.2	59,000													90
95	61.5	298.9	59,300 *	66.2	304.0	54,700													95
100	59.6	296.1	55,000 *	64.3	301.7	50,800	67.0	303.9	47,100										100
105	57.6	293.0	51,200 *	62.4	299.1	47,400	65.2	301.6	43,800										105
110	55.6	289.6	47,700 *	60.5	296.4	44,300	63.3	299.2	40,900										110
115	53.5	286.0	44,700 *	58.5	293.4	41,500	61.4	296.5	38,300										115
120	51.3	282.1	41,900 *	56.5	290.1	38,900	59.5	293.6	35,900										120
130	46.9	273.3	37,000 *	52.4	282.9	34,500	55.4	287.1	31,700	60.3	292.1	27,100							130
140	42.0	262.9	33,000 *	47.9	274.4	30,700	51.2	279.6	28,100	56.3	285.8	23,900							140
150	36.6	250.5	29,500 *	43.2	264.4	27,500	46.7	270.7	25,100	52.1	278.5	21,200	57.0	283.1	17,400				150
160	30.5	235.2	26,500 *	38.0	252.6	24,600	41.9	260.3	22,400	47.7	269.9	18,800	52.9	276.0	15,200				160
170	22.8	214.8	23,900 *	32.0	238.0	22,200	36.5	247.9	20,100	42.9	259.9	16,700	48.5	267.7	13,400				170
180	10.9	180.9	19,800 *	24.8	219.2	20,000	30.3	232.4	18,100	37.6	247.9	14,900	43.8	257.9	11,800	49.1	264.1	8,700	180
190				14.6	190.6	17,900	22.6	211.9	16,200	31.6	233.2	13,200	38.6	246.4	10,300	44.5	254.6	7,400	190
200							10.3	177.0	14,400	24.4	214.0	11,700	32.8	232.2	9,000	39.4	243.3	6,200	200
210										13.8	184.4	10,300	25.8	214.1	7,700	33.7	229.6	5,200	210
220													16.2	187.5	6,600	26.9	212.2	4,200	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	79,500 *																60
65	73.6	322.4	77,700 *																65
70	71.9	320.8	75,600 *																70
75	70.2	319.0	73,400 *																75
80	68.5	317.1	71,100 *																80
85	66.8	315.0	68,200 *	71.0	318.8	63,300													85
90	65.0	312.7	63,700 *	69.3	317.0	58,400													90
95	63.2	310.3	58,800 *	67.6	314.9	54,100													95
100	61.4	307.6	54,500 *	65.8	312.7	50,200													100
105	59.6	304.7	50,600 *	64.1	310.4	46,800	66.7	312.6	43,200										105
110	57.7	301.6	47,200 *	62.3	307.8	43,700	64.9	310.3	40,300										110
115	55.8	298.3	44,100 *	60.5	305.0	40,900	63.1	307.9	37,600										115
120	53.9	294.7	41,300 *	58.6	302.0	38,300	61.3	305.2	35,300										120
130	49.8	286.7	36,500 *	54.8	295.4	33,900	57.6	299.2	31,100	62.1	303.5	26,400							130
140	45.4	277.5	32,400 *	50.8	287.6	30,100	53.7	292.3	27,500	58.4	297.7	23,200							140
150	40.8	266.6	28,900 *	46.5	278.7	26,900	49.7	284.2	24,500	54.6	291.0	20,500							150
160	35.5	253.7	26,000 *	41.9	268.3	24,100	45.3	274.9	21,900	50.5	283.2	18,200	55.3	288.4	14,500				160
170	29.6	237.8	23,400 *	36.8	255.9	21,600	40.6	264.0	19,500	46.3	274.2	16,100	51.3	280.9	12,700				170
180	22.1	216.8	21,100 *	31.1	240.8	19,400	35.4	251.1	17,500	41.6	263.7	14,200	47.0	272.1	11,100	51.9	277.1	7,900	180
190	10.5	181.8	17,400 *	24.1	221.3	17,500	29.4	235.0	15,600	36.5	251.2	12,600	42.5	261.9	9,600	47.7	268.6	6,700	190
200				14.2	191.8	15,700	21.9	213.8	14,000	30.7	235.9	11,100	37.5	249.8	8,300	43.2	258.6	5,500	200
210							10.0	177.9	12,400	23.7	216.1	9,800	31.8	235.1	7,100	38.2	246.8	4,500	210
220										13.4	185.5	8,500	25.1	216.3	6,000				220
230													15.7	188.8	5,000				230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	73,000 *																60
65	74.4	332.8	71,600 *																65
70	72.9	331.3	70,000 *																70
75	71.3	329.7	68,200 *																75
80	69.7	327.8	66,300 *																80
85	68.1	325.9	63,900 *																85
90	66.4	323.7	61,200 *	70.4	327.6	57,800													90
95	64.8	321.4	58,300 *	68.8	325.7	53,500													95
100	63.1	318.9	54,000 *	67.2	323.7	49,600													100
105	61.4	316.3	50,100 *	65.5	321.4	46,200	68.0	323.5	42,600										105
110	59.6	313.4	46,700 *	63.9	319.0	43,100	66.3	321.3	39,700										110
115	57.8	310.3	43,600 *	62.2	316.5	40,300	64.7	319.0	37,100										115
120	56.0	307.0	40,800 *	60.4	313.7	37,800	63.0	316.5	34,700										120
130	52.3	299.7	36,000 *	56.9	307.5	33,300	59.5	311.0	30,500										130
140	48.4	291.3	31,900 *	53.2	300.4	29,600	55.9	304.5	27,000	60.3	309.4	22,600							140
150	44.2	281.6	28,400 *	49.3	292.3	26,400	52.2	297.2	23,900	56.7	303.2	19,900							150
160	39.6	270.3	25,500 *	45.2	282.9	23,600	48.2	288.7	21,300	53.0	296.0	17,600	57.3	300.5	13,900				160
170	34.6	256.8	22,900 *	40.7	272.0	21,100	44.0	279.0	19,000	49.1	287.8	15,500	53.7	293.5	12,100				170
180	28.7	240.4	20,600 *	35.8	259.1	18,900	39.5	267.7	17,000	44.9	278.4	13,700	49.8	285.5	10,400				180
190	21.5	218.7	18,500 *	30.2	243.5	17,000	34.4	254.2	15,100	40.5	267.4	12,000	45.7	276.3	9,000	50.4	281.9	6,000	190
200	10.2	182.6	15,200 *	23.4	223.4	15,200	28.6	237.6	13,500	35.5	254.4	10,600	41.3	265.6	7,700	46.3	272.9	4,900	200
210				13.8	193.0	13,600	21.3	215.7	12,000	29.9	238.6	9,200	36.5	253.1	6,500				210
220							9.7	178.7	10,600	23.0	218.1	8,000	31.0	237.9	5,500				220
230										13.0	186.7	6,900	24.4	218.5	4,500				230



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	65,800 *													65
70	73.8	341.8	64,500 *													70
75	72.3	340.2	63,100 *													75
80	70.7	338.5	61,600 *													80
85	69.2	336.6	59,200 *													85
90	67.7	334.6	56,500 *													90
95	66.1	332.5	53,900 *	69.9	336.4	52,900										95
100	64.5	330.1	51,300 *	68.4	334.5	49,000										100
105	62.9	327.6	48,800 *	66.8	332.4	45,600										105
110	61.3	324.9	46,100 *	65.3	330.1	42,500	67.6	332.2	39,000							110
115	59.6	322.0	43,100 *	63.7	327.7	39,700	66.0	330.1	36,400							115
120	58.0	319.0	40,300 *	62.1	325.1	37,200	64.4	327.7	34,000							120
130	54.5	312.2	35,400 *	58.8	319.4	32,700	61.2	322.5	29,900							130
140	50.9	304.5	31,400 *	55.3	312.8	29,000	57.9	316.5	26,300	61.9	320.9	21,900				140
150	47.1	295.6	27,900 *	51.7	305.3	25,800	54.4	309.7	23,300	58.6	315.0	19,200				150
160	43.0	285.5	24,900 *	48.0	296.7	23,000	50.8	302.0	20,700	55.1	308.4	16,900				160
170	38.6	273.8	22,300 *	44.0	287.0	20,600	46.9	293.1	18,400	51.5	300.9	14,800	55.8	305.8	11,300	170
180	33.7	259.9	20,000 *	39.6	275.6	18,400	42.9	283.0	16,400	47.8	292.3	13,000	52.2	298.5	9,700	180
190	28.0	242.9	18,000 *	34.9	262.3	16,500	38.4	271.1	14,600	43.7	282.4	11,400	48.5	290.1	8,300	190
200	21.0	220.5	16,200 *	29.4	246.2	14,700	33.5	257.2	12,900	39.4	271.0	9,900	44.5	280.4	7,000	200
210	10.0	183.5	13,100 *	22.8	225.4	13,100	27.8	240.1	11,400	34.6	257.5	8,600	40.2	269.3	5,900	210
220				13.4	194.2	11,700	20.7	217.5	10,100	29.1	241.2	7,400	35.5	256.3	4,800	220
230							9.5	179.5	8,800	22.4	220.1	6,300				230
240										12.7	187.8	5,200				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	
38	70.3	225.6	157,500 *c																			38
40	68.5	224.8	153,200 *c																			40
45	64.0	222.5	143,100 *b																			45
50	59.3	219.6	134,200 *b																			50
55	54.3	216.2	126,200 *b	66.9	222.9	133,100 b																55
60	49.0	212.1	111,300 *	62.4	220.4	118,800 b																60
65	43.3	207.2	99,400 *	57.6	217.4	107,100 b	65.0	220.6	102,600 b													65
70	36.8	201.0	89,600 *	52.5	213.7	97,300 b	60.4	217.9	93,300 b													70
75	29.0	192.9	81,400 *	47.1	209.3	89,100	55.5	214.6	85,400 b													75
80	18.3	180.9	74,400 *	41.1	204.0	82,100	50.3	210.7	78,700													80
85				34.2	197.2	76,000	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	65,800	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	150



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	
38	72.8	236.2	152,600 *c																			38
40	71.3	235.5	148,500 *c																			40
45	67.5	233.5	139,100 *b																			45
50	63.5	231.1	130,700 *b																			50
55	59.4	228.3	123,000 *b	70.0	233.7	132,700 b																55
60	55.1	225.0	111,900 *	66.1	231.6	118,300 b																60
65	50.5	221.0	99,800 *	62.1	229.0	106,600 b																65
70	45.6	216.4	89,900 *	57.9	226.0	96,900 b	64.4	229.3	92,800 b													70
75	40.3	210.9	81,700 *	53.5	222.5	88,800	60.3	226.6	84,900 b													75
80	34.3	204.1	74,700 *	48.8	218.3	81,800	56.1	223.4	78,200													80
85	27.0	195.3	68,700 *	43.8	213.4	75,700	51.6	219.6	72,400	62.7	225.2	67,000 b										85
90	17.1	182.4	63,500 *	38.3	207.5	70,400	46.8	215.1	67,300	58.6	222.3	62,300 b										90
95				31.9	200.1	65,700	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

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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		
38	74.8	246.6	146,000 *c																			38	
40	73.5	246.0	142,400 *c																			40	
45	70.1	244.3	133,800 *b																			45	
50	66.7	242.2	125,900 *b																			50	
55	63.1	239.8	118,800 *b																			55	
60	59.5	237.0	112,300 *	68.9	242.5	117,900 b																60	
65	55.6	233.7	100,100 *	65.4	240.3	106,200 b																65	
70	51.7	229.9	90,200 *	61.8	237.7	96,600	67.4	240.3	92,300 b													70	
75	47.4	225.5	81,900 *	58.1	234.7	88,400	63.9	238.0	84,500 b													75	
80	42.9	220.4	74,900 *	54.3	231.3	81,400	60.3	235.2	77,800													80	
85	37.9	214.3	68,800 *	50.2	227.3	75,400	56.5	232.0	72,000													85	
90	32.2	207.0	63,600 *	45.8	222.6	70,100	52.6	228.4	67,000	62.4	233.9	61,800										90	
95	25.4	197.6	59,000 *	41.1	217.2	65,400	48.4	224.1	62,500	58.7	231.0	57,700										95	
100	16.0	183.7	54,900 *	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	



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	137,600 *b																			40
45	72.2	254.9	129,700 *b																			45
50	69.1	253.1	122,400 *b																			50
55	66.0	250.9	115,700 *																			55
60	62.8	248.5	109,600 *																			60
65	59.5	245.6	100,100 *	68.0	251.2	105,800 b																65
70	56.1	242.4	90,100 *	64.9	249.0	96,100																70
75	52.5	238.7	81,800 *	61.7	246.4	88,000	66.7	249.0	84,000													75
80	48.8	234.5	74,700 *	58.3	243.4	81,000	63.5	246.6	77,300													80
85	44.8	229.7	68,700 *	54.9	240.0	74,900	60.2	243.9	71,500													85
90	40.5	224.1	63,400 *	51.2	236.1	69,700	56.9	240.7	66,500													90
95	35.8	217.6	58,800 *	47.4	231.7	65,000	53.3	237.2	62,000	62.2	242.6	57,100										95
100	30.5	209.7	54,700 *	43.3	226.6	60,900	49.6	233.1	58,100	58.9	239.7	53,500										100
105	24.0	199.7	51,100 *	38.9	220.8	57,200	45.7	228.4	54,500	55.4	236.3	50,200										105
110	15.2	185.0	47,800 *	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

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	125,800 *b																			45	
50	71.1	263.8	119,100 *b																			50	
55	68.3	261.8	112,800 *																			55	
60	65.5	259.6	107,000 *																			60	
65	62.5	257.1	101,700 *	70.1	262.0	95,300 b																65	
70	59.6	254.3	92,900 *	67.3	259.9	86,200																70	
75	56.5	251.1	84,200 *	64.4	257.6	78,600																75	
80	53.2	247.5	76,900 *	61.5	255.0	72,100	66.1	257.8	67,200													80	
85	49.9	243.4	70,600 *	58.5	252.0	66,400	63.2	255.3	61,900													85	
90	46.4	238.8	65,200 *	55.3	248.7	61,500	60.2	252.5	57,300													90	
95	42.6	233.6	60,400 *	52.1	244.9	57,100	57.2	249.4	53,200													95	
100	38.5	227.6	56,200 *	48.7	240.7	53,300	54.0	245.9	49,600	62.0	251.2	43,400										100	
105	34.1	220.7	52,500 *	45.1	235.9	49,800	50.6	241.9	46,300	59.0	248.3	40,500										105	
110	29.0	212.3	49,100 *	41.2	230.4	46,700	47.2	237.5	43,400	55.9	245.0	37,800										110	
115	22.9	201.7	46,100 *	37.0	224.1	43,900	43.4	232.4	40,700	52.6	241.3	35,500										115	
120	14.4	186.3	41,900 *	32.3	216.7	41,300	39.5	226.6	38,300	49.2	237.2	33,300	57.5	242.7	28,400								120
130				20.3	195.9	36,700	30.2	211.9	34,000	41.8	227.1	29,500	51.0	235.3	25,000								130
140							16.7	188.0	30,300	33.1	213.8	26,300	43.9	225.9	22,200	52.5	231.9	18,100					140
150										21.5	193.9	23,400	35.6	213.6	19,700	45.6	223.1	16,000					150
160													25.1	196.1	17,500	37.6	211.5	14,100	46.8	218.5	10,700		160
170																27.8	195.5	12,400	39.1	207.5	9,300		170
180																11.8	166.6	10,800	29.7	192.5	8,000		180
190																			15.8	167.8	6,700		190



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	121,600 *b																			45
50	72.7	274.3	115,400 *b																			50
55	70.2	272.6	109,500 *																			55
60	67.6	270.6	104,100 *																			60
65	65.0	268.3	99,100 *																			65
70	62.3	265.8	92,500 *	69.3	270.8	85,600																70
75	59.6	263.0	83,800 *	66.7	268.7	78,000																75
80	56.8	259.8	76,500 *	64.1	266.3	71,400																80
85	53.8	256.2	70,200 *	61.4	263.7	65,800	65.6	266.5	61,200													85
90	50.8	252.3	64,800 *	58.6	260.7	60,900	62.9	264.0	56,600													90
95	47.6	247.9	60,000 *	55.7	257.4	56,500	60.2	261.2	52,500													95
100	44.3	242.9	55,800 *	52.8	253.7	52,700	57.4	258.1	48,900													100
105	40.7	237.3	52,000 *	49.7	249.6	49,200	54.5	254.6	45,600	61.8	259.9	39,700										105
110	36.8	231.0	48,700 *	46.4	245.0	46,100	51.5	250.8	42,700	59.1	257.0	37,100										110
115	32.5	223.6	45,700 *	43.0	239.9	43,300	48.3	246.5	40,100	56.2	253.7	34,700										115
120	27.7	214.7	42,900 *	39.3	234.0	40,800	45.0	241.7	37,700	53.3	250.1	32,600										120
130	13.8	187.4	36,800 *	30.9	219.5	36,300	37.7	230.1	33,500	47.0	241.6	28,800	54.8	248.0	24,200							130
140				19.4	197.6	32,400	28.8	214.4	29,900	40.0	230.8	25,600	48.7	239.9	21,400							140
150							15.9	189.4	26,700	31.7	216.6	22,800	41.9	229.8	19,000	50.1	236.7	15,200				150
160										20.6	195.7	20,400	34.0	216.7	16,800	43.5	227.1	13,300				160
170													24.0	198.2	14,900	35.9	214.8	11,700	44.7	222.7	8,500	170
180																26.5	197.9	10,200	37.3	210.9	7,200	180
190																11.2	167.6	8,700	28.4	195.0	6,100	190
200																			15.0	169.1	4,900	200



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	110,200 *																			50
55	71.8	283.2	104,900 *																			55
60	69.4	281.4	100,000 *																			60
65	67.1	279.3	95,400 *																			65
70	64.6	277.0	91,100 *	71.0	281.4	85,200																70
75	62.2	274.5	83,800 *	68.6	279.5	77,600																75
80	59.6	271.6	76,400 *	66.2	277.4	71,100																80
85	57.0	268.5	70,100 *	63.8	275.0	65,400	67.6	277.4	60,800													85
90	54.3	265.0	64,600 *	61.3	272.3	60,500	65.2	275.2	56,200													90
95	51.5	261.1	59,900 *	58.7	269.4	56,200	62.7	272.6	52,100													95
100	48.7	256.9	55,600 *	56.1	266.1	52,400	60.2	269.9	48,500													100
105	45.6	252.1	51,900 *	53.4	262.5	48,900	57.6	266.8	45,300													105
110	42.4	246.8	48,500 *	50.5	258.5	45,800	54.9	263.4	42,400	61.7	268.5	36,700										110
115	39.0	240.9	45,500 *	47.6	254.1	43,000	52.2	259.6	39,800	59.1	265.6	34,400										115
120	35.3	234.2	42,800 *	44.5	249.2	40,500	49.3	255.4	37,400	56.5	262.4	32,200										120
130	26.6	217.1	38,000 *	37.7	237.5	36,000	43.1	245.7	33,200	51.0	254.9	28,500	57.9	260.1	23,900							130
140	13.2	188.6	32,700 *	29.6	222.1	32,200	36.1	233.3	29,600	45.0	245.8	25,300	52.5	253.0	21,100							140
150				18.6	199.2	28,900	27.7	216.9	26,500	38.3	234.3	22,600	46.7	244.3	18,600							150
160							15.3	190.7	23,800	30.4	219.3	20,200	40.2	233.5	16,500	48.0	241.2	13,000				160
170										19.7	197.4	18,000	32.6	219.6	14,700	41.7	230.9	11,400				170
180													23.0	200.2	13,000	34.4	217.9	9,900	42.8	226.6	6,900	180
190																25.4	200.1	8,600	35.8	214.1	5,800	190
200																10.8	168.5	7,300	27.2	197.5	4,800	200



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	106,300 *																			50
55	73.1	293.7	101,600 *																			55
60	71.0	292.0	97,000 *																			60
65	68.8	290.2	92,700 *																			65
70	66.6	288.1	88,700 *																			70
75	64.3	285.7	83,300 *	70.2	290.2	76,900																75
80	62.0	283.1	76,000 *	68.0	288.3	70,400																80
85	59.6	280.3	69,700 *	65.8	286.1	64,800																85
90	57.2	277.1	64,200 *	63.5	283.7	59,900	67.1	286.1	55,500													90
95	54.8	273.7	59,400 *	61.2	281.0	55,600	64.8	283.8	51,500													95
100	52.2	269.9	55,200 *	58.8	278.0	51,800	62.5	281.3	47,900													100
105	49.5	265.8	51,400 *	56.4	274.8	48,300	60.2	278.5	44,600													105
110	46.8	261.2	48,100 *	53.9	271.2	45,300	57.8	275.5	41,800													110
115	43.9	256.2	45,000 *	51.3	267.3	42,500	55.3	272.1	39,100	61.6	277.2	33,600										115
120	40.8	250.6	42,300 *	48.6	263.1	39,900	52.8	268.4	36,800	59.2	274.3	31,500										120
130	34.0	237.2	37,600 *	42.8	253.1	35,500	47.4	259.9	32,600	54.3	267.6	27,800										130
140	25.6	219.4	33,500 *	36.3	240.8	31,700	41.5	249.5	29,000	49.0	259.5	24,600	55.6	265.4	20,300							140
150	12.7	189.7	29,000 *	28.5	224.7	28,400	34.8	236.5	26,000	43.3	249.8	21,900	50.4	257.7	17,900							150
160				17.9	200.8	25,600	26.6	219.3	23,300	36.8	237.6	19,600	44.8	248.4	15,800	51.6	254.4	12,200				160
170							14.7	192.0	20,900	29.2	222.0	17,500	38.6	237.0	14,000	46.1	245.5	10,600				170
180										19.0	199.0	15,600	31.4	222.4	12,400	40.1	234.6	9,200	47.1	240.9	6,100	180
190													22.1	202.2	10,900	33.1	220.9	7,900	41.2	230.4	5,000	190
200																24.5	202.3	6,700	34.4	217.3	4,000	200
210																10.4	169.3	5,600				210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	97,200 *																55
60	72.3	302.6	94,100 *																60
65	70.3	300.9	90,100 *																65
70	68.2	298.9	86,300 *																70
75	66.1	296.8	82,800 *																75
80	64.0	294.4	76,700 *	69.5	299.1	69,800													80
85	61.9	291.8	70,300 *	67.5	297.0	64,200													85
90	59.7	288.9	64,800 *	65.4	294.8	59,300													90
95	57.4	285.8	59,900 *	63.3	292.3	55,000	66.6	294.9	50,800										95
100	55.1	282.4	55,600 *	61.1	289.7	51,200	64.5	292.5	47,200										100
105	52.7	278.7	51,800 *	58.9	286.7	47,700	62.4	290.0	44,000										105
110	50.3	274.7	48,400 *	56.6	283.5	44,700	60.2	287.2	41,100										110
115	47.7	270.2	45,400 *	54.3	280.0	41,900	57.9	284.1	38,500										115
120	45.1	265.4	42,600 *	51.9	276.2	39,400	55.6	280.8	36,100	61.5	285.9	30,800							120
130	39.3	254.2	37,800 *	46.8	267.4	34,900	50.8	273.2	32,000	57.0	279.8	27,100							130
140	32.8	240.2	33,700 *	41.3	256.9	31,200	45.7	264.1	28,500	52.3	272.6	24,000							140
150	24.7	221.5	30,300 *	35.0	243.9	27,900	40.0	253.1	25,400	47.2	264.0	21,300	53.5	270.5	17,200				150
160	12.3	190.7	24,900 *	27.5	227.1	25,100	33.5	239.5	22,800	41.7	253.6	18,900	48.6	262.3	15,200				160
170				17.3	202.3	22,600	25.7	221.5	20,400	35.5	240.9	16,900	43.2	252.4	13,300	49.7	259.0	9,900	170
180							14.2	193.2	18,300	28.2	224.5	15,000	37.3	240.4	11,700	44.5	249.6	8,500	180
190										18.3	200.6	13,300	30.3	225.2	10,300	38.7	238.1	7,300	190
200													21.4	204.0	9,000	32.0	223.7	6,100	200
210																23.6	204.3	5,100	210
220																10.0	170.2	4,000	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	89,600 *																55
60	73.4	313.1	87,100 *																60
65	71.6	311.5	84,300 *																65
70	69.6	309.7	81,300 *																70
75	67.7	307.7	78,100 *																75
80	65.8	305.5	74,800 *	70.9	309.7	69,200													80
85	63.8	303.1	70,500 *	69.0	307.8	63,600													85
90	61.8	300.5	64,900 *	67.0	305.8	58,700													90
95	59.7	297.6	59,900 *	65.1	303.5	54,400													95
100	57.6	294.5	55,600 *	63.1	301.0	50,600	66.2	303.6	46,500										100
105	55.4	291.1	51,700 *	61.0	298.3	47,100	64.2	301.2	43,300										105
110	53.2	287.5	48,300 *	59.0	295.4	44,100	62.2	298.6	40,400										110
115	50.9	283.5	45,200 *	56.8	292.2	41,300	60.2	295.8	37,800										115
120	48.6	279.2	42,400 *	54.7	288.7	38,800	58.1	292.8	35,500										120
130	43.5	269.4	37,500 *	50.1	280.9	34,300	53.7	285.9	31,300	59.3	291.6	26,400							130
140	38.0	257.6	33,400 *	45.2	271.6	30,600	49.1	277.8	27,800	55.0	285.1	23,300							140
150	31.7	243.0	29,900 *	39.9	260.5	27,400	44.1	268.2	24,800	50.5	277.3	20,600	56.2	282.8	16,400				150
160	23.9	223.6	26,900 *	33.8	247.0	24,600	38.7	256.6	22,200	45.6	268.2	18,300	51.7	275.4	14,400				160
170	11.9	191.7	22,000 *	26.6	229.5	22,100	32.4	242.4	19,900	40.3	257.3	16,200	46.9	266.6	12,600	52.7	271.9	9,100	170
180				16.7	203.7	19,800	24.8	223.7	17,800	34.4	244.0	14,400	41.8	256.3	11,000	48.0	263.5	7,700	180
190							13.7	194.4	15,900	27.3	226.9	12,800	36.0	243.7	9,600	43.0	253.5	6,500	190
200										17.7	202.2	11,300	29.3	227.8	8,300	37.4	241.5	5,400	200
210													20.7	205.8	7,100	30.9	226.5	4,400	210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	80,600 *																60
65	72.7	322.0	78,300 *																65
70	70.9	320.3	75,900 *																70
75	69.1	318.5	73,400 *																75
80	67.3	316.4	70,600 *																80
85	65.4	314.2	67,800 *	70.3	318.5	63,100													85
90	63.6	311.8	64,600 *	68.5	316.6	58,300													90
95	61.7	309.1	59,600 *	66.6	314.5	54,000													95
100	59.7	306.3	55,300 *	64.8	312.2	50,100	67.7	314.5	46,100										100
105	57.7	303.2	51,400 *	62.9	309.7	46,700	65.8	312.3	42,900										105
110	55.7	299.8	48,000 *	61.0	307.0	43,700	64.0	309.9	40,000										110
115	53.6	296.2	44,900 *	59.0	304.0	40,900	62.1	307.3	37,400										115
120	51.5	292.3	42,000 *	57.0	300.9	38,400	60.1	304.5	35,100										120
130	47.0	283.6	37,200 *	52.9	293.7	34,000	56.2	298.2	31,000	61.3	303.2	26,000							130
140	42.2	273.3	33,100 *	48.5	285.4	30,200	52.0	290.8	27,500	57.3	297.2	22,900							140
150	36.8	261.0	29,600 *	43.8	275.7	27,000	47.5	282.2	24,500	53.2	290.1	20,200							150
160	30.7	245.8	26,600 *	38.6	264.1	24,200	42.7	272.1	21,900	48.9	281.9	17,900	54.3	288.0	14,000				160
170	23.1	225.7	24,000 *	32.8	249.9	21,800	37.4	260.1	19,600	44.2	272.3	15,900	50.0	280.1	12,200				170
180	11.5	192.7	19,500 *	25.8	231.8	19,600	31.4	245.2	17,500	39.1	260.9	14,100	45.5	270.9	10,700	51.0	276.8	7,300	180
190				16.2	205.1	17,600	24.1	225.9	15,700	33.3	247.0	12,500	40.5	260.0	9,300	46.5	267.9	6,100	190
200							13.3	195.5	14,000	26.4	229.2	11,000	34.9	246.8	8,000	41.6	257.4	5,000	200
210										17.2	203.7	9,600	28.4	230.3	6,800	36.2	244.8	4,000	210
220													20.0	207.6	5,700				220



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	74,300 *													60
65	73.7	332.5	72,500 *													65
70	72.0	330.9	70,600 *													70
75	70.3	329.2	68,500 *													75
80	68.6	327.2	66,300 *													80
85	66.9	325.2	64,000 *													85
90	65.1	322.9	61,600 *	69.7	327.3	57,600										90
95	63.4	320.4	59,100 *	68.0	325.4	53,300										95
100	61.6	317.8	54,700 *	66.3	323.2	49,500										100
105	59.7	314.9	50,900 *	64.5	320.9	46,100	67.3	323.2	42,200							105
110	57.9	311.8	47,400 *	62.7	318.4	43,100	65.5	321.0	39,400							110
115	56.0	308.5	44,300 *	60.9	315.6	40,300	63.8	318.6	36,800							115
120	54.0	305.0	41,500 *	59.1	312.7	37,800	62.0	316.0	34,400							120
130	49.9	297.0	36,600 *	55.3	306.1	33,400	58.3	310.1	30,300	63.0	314.5	25,300				130
140	45.6	287.8	32,500 *	51.3	298.6	29,700	54.4	303.4	26,800	59.4	309.0	22,200				140
150	40.9	277.0	29,100 *	47.0	289.8	26,500	50.4	295.6	23,800	55.6	302.5	19,500				150
160	35.7	264.2	26,000 *	42.5	279.6	23,700	46.1	286.5	21,300	51.6	295.0	17,200	56.6	300.2	13,300	160
170	29.8	248.4	23,400 *	37.5	267.5	21,300	41.5	275.9	19,000	47.4	286.3	15,200	52.7	293.0	11,500	170
180	22.4	227.7	21,100 *	31.8	252.8	19,100	36.3	263.3	17,000	42.9	276.2	13,400	48.5	284.6	9,900	180
190	11.1	193.6	17,100 *	25.0	234.0	17,200	30.5	248.0	15,200	37.9	264.3	11,800	44.1	274.9	8,600	190
200				15.7	206.5	15,400	23.4	227.9	13,500	32.3	249.9	10,400	39.3	263.5	7,300	200
210							12.9	196.6	12,000	25.7	231.5	9,100	33.9	249.9	6,200	210
220										16.7	205.1	7,900	27.6	232.7	5,100	220
230													19.4	209.3	4,100	230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	67,000 *													65
70	73.0	341.4	65,500 *													70
75	71.4	339.8	63,900 *													75
80	69.8	338.0	62,100 *													80
85	68.2	336.0	60,200 *													85
90	66.5	333.9	58,200 *	70.8	338.0	57,100										90
95	64.9	331.6	56,200 *	69.2	336.1	52,800										95
100	63.2	329.1	54,100 *	67.6	334.1	49,000										100
105	61.5	326.4	50,400 *	65.9	331.9	45,600										105
110	59.7	323.6	46,900 *	64.3	329.6	42,500	66.9	332.0	38,800							110
115	58.0	320.5	43,800 *	62.6	327.0	39,700	65.2	329.7	36,200							115
120	56.2	317.2	41,000 *	60.9	324.3	37,200	63.6	327.3	33,800							120
130	52.4	309.9	36,100 *	57.3	318.2	32,800	60.1	321.8	29,700							130
140	48.5	301.6	32,000 *	53.7	311.2	29,100	56.6	315.6	26,300	61.2	320.5	21,500				140
150	44.3	291.9	28,600 *	49.8	303.2	25,900	52.9	308.4	23,300	57.6	314.5	18,900				150
160	39.8	280.7	25,500 *	45.7	294.0	23,200	49.0	300.1	20,700	54.0	307.6	16,600				160
170	34.7	267.3	22,900 *	41.3	283.4	20,700	44.8	290.7	18,400	50.1	299.7	14,600	54.9	305.4	10,900	170
180	29.0	251.0	20,600 *	36.4	270.8	18,600	40.3	279.6	16,400	46.0	290.6	12,800	51.2	297.8	9,300	180
190	21.8	229.6	18,600 *	30.9	255.5	16,700	35.3	266.5	14,600	41.7	280.1	11,300	47.1	289.0	7,900	190
200	10.8	194.6	14,900 *	24.4	236.1	14,900	29.7	250.6	13,000	36.9	267.6	9,800	42.8	278.9	6,700	200
210				15.3	207.8	13,300	22.7	229.9	11,500	31.4	252.7	8,600	38.2	267.0	5,600	210
220							12.5	197.7	10,200	25.0	233.7	7,400	32.9	252.8	4,600	220
230										16.2	206.5	6,200				230



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	61,900 *													65
70	73.9	351.9	60,600 *													70
75	72.4	350.3	59,300 *													75
80	70.8	348.6	57,900 *													80
85	69.3	346.8	56,300 *													85
90	67.8	344.8	54,700 *													90
95	66.2	342.6	53,000 *	70.3	346.8	52,100										95
100	64.6	340.3	51,100 *	68.8	344.9	48,300										100
105	63.0	337.8	48,600 *	67.2	342.9	44,900										105
110	61.4	335.1	46,200 *	65.7	340.6	41,900										110
115	59.8	332.2	43,900 *	64.1	338.3	39,100	66.6	340.7	35,500							115
120	58.1	329.2	41,000 *	62.5	335.7	36,600	65.0	338.4	33,200							120
130	54.6	322.4	36,000 *	59.2	330.0	32,200	61.8	333.3	29,100							130
140	51.0	314.7	31,800 *	55.8	323.6	28,500	58.5	327.5	25,600	62.7	331.9	20,800				140
150	47.2	306.0	28,300 *	52.2	316.2	25,300	55.0	320.8	22,700	59.4	326.3	18,200				150
160	43.1	295.9	25,200 *	48.4	307.8	22,600	51.4	313.2	20,100	56.0	319.9	15,900				160
170	38.7	284.2	22,600 *	44.5	298.1	20,200	47.6	304.6	17,800	52.5	312.6	13,900	56.9	317.5	10,100	170
180	33.8	270.4	20,300 *	40.2	287.0	18,000	43.6	294.7	15,800	48.8	304.3	12,200	53.4	310.5	8,600	180
190	28.2	253.5	18,200 *	35.5	274.0	16,100	39.2	283.2	14,000	44.8	294.7	10,600	49.8	302.5	7,200	190
200	21.3	231.4	16,300 *	30.1	258.2	14,400	34.4	269.6	12,400	40.6	283.8	9,200	45.9	293.3	6,000	200
210	10.6	195.5	12,900 *	23.7	238.2	12,800	28.9	253.2	11,000	35.9	270.9	7,900	41.7	282.7	4,900	210
220				14.9	209.1	11,400	22.1	231.9	9,700	30.6	255.4	6,800				220
230							12.2	198.7	8,400	24.3	235.9	5,700				230
240										15.8	207.9	4,700				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
38	70.6	235.7	156,100 *c																			38
40	68.8	234.9	152,000 *c																			40
45	64.3	232.6	142,300 *b																			45
50	59.6	229.9	133,700 *b																			50
55	54.7	226.5	125,900 *b	68.0	233.3	132,300 c																55
60	49.4	222.4	112,300 *	63.5	230.9	118,000 b																60
65	43.7	217.5	100,100 *	58.8	228.1	106,400 b	66.6	231.3	101,500 b													65
70	37.2	211.4	90,200 *	53.8	224.6	96,700 b	62.0	228.8	92,300 b													70
75	29.6	203.6	81,900 *	48.4	220.4	88,600	57.2	225.7	84,500 b													75
80	19.3	192.0	74,900 *	42.6	215.3	81,600	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	70,200	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
38	73.1	246.3	149,100 *c																			38
40	71.6	245.6	145,500 *c																			40
45	67.7	243.7	136,600 *b																			45
50	63.8	241.3	128,600 *b																			50
55	59.7	238.5	121,400 *b	70.9	244.1	131,800 c																55
60	55.4	235.2	112,800 *	67.0	242.0	117,600 b																60
65	50.9	231.3	100,600 *	63.1	239.6	106,000 b																65
70	46.0	226.8	90,600 *	58.9	236.7	96,300 b	65.8	240.0	91,800 b													70
75	40.7	221.3	82,200 *	54.6	233.3	88,200	61.7	237.4	84,000 b													75
80	34.7	214.6	75,200 *	50.0	229.3	81,200	57.6	234.4	77,400													80
85	27.6	206.0	69,100 *	45.1	224.6	75,200	53.1	230.8	71,600													85
90	17.9	193.5	63,800 *	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	61,100	37.8	215.6	58,200	52.0	226.7	53,400										100
105				15.6	189.1	57,300	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	160



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
38	75.0	256.7	144,300 *c																			38
40	73.7	256.1	140,900 *c																			40
45	70.3	254.4	132,700 *b																			45
50	66.9	252.4	125,100 *b																			50
55	63.4	250.0	118,300 *b																			55
60	59.7	247.2	112,100 *	69.7	252.9	117,100 b																60
65	55.9	243.9	100,900 *	66.3	250.8	105,500 b																65
70	51.9	240.2	90,800 *	62.7	248.3	95,900																70
75	47.7	235.8	82,400 *	59.0	245.4	87,800	65.1	248.7	83,600 b													75
80	43.2	230.8	75,300 *	55.2	242.1	80,900	61.5	246.1	76,900													80
85	38.2	224.8	69,200 *	51.2	238.2	74,800	57.8	243.1	71,200													85
90	32.6	217.5	63,900 *	46.9	233.7	69,600	53.9	239.6	66,200													90
95	25.9	208.3	59,300 *	42.3	228.5	65,000	49.9	235.5	61,800	60.7	242.2	56,500										95
100	16.9	195.0	55,200 *	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	53,800	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



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
40	75.4	266.5	136,000 *c																			40
45	72.4	265.0	128,400 *b																			45
50	69.3	263.2	121,400 *b																			50
55	66.2	261.1	115,000 *																			55
60	63.0	258.6	109,100 *																			60
65	59.7	255.8	100,900 *	68.8	261.6	94,900 b																65
70	56.3	252.6	90,800 *	65.7	259.5	85,900																70
75	52.8	249.0	82,300 *	62.4	256.9	78,400	67.8	259.6	72,800 b													75
80	49.1	244.8	75,200 *	59.1	254.1	71,900	64.6	257.4	66,700													80
85	45.1	240.0	69,100 *	55.7	250.8	66,300	61.4	254.7	61,400													85
90	40.8	234.5	63,800 *	52.1	247.0	61,400	58.1	251.7	56,900													90
95	36.2	228.1	59,100 *	48.4	242.8	57,100	54.6	248.3	52,800													95
100	30.9	220.3	55,000 *	44.4	237.9	53,200	50.9	244.4	49,200	60.6	250.9	42,600										100
105	24.5	210.5	51,300 *	40.0	232.2	49,800	47.1	239.9	46,000	57.2	247.8	39,700										105
110	16.0	196.3	48,000 *	35.3	225.6	46,700	43.0	234.8	43,100	53.7	244.2	37,200										110
115				29.8	217.5	43,800	38.5	228.9	40,500	50.0	240.2	34,800										115
120				23.2	207.1	41,200	33.6	221.8	38,100	46.1	235.6	32,700	56.2	242.4	27,400							120
130							20.7	201.7	33,800	37.4	224.1	29,000	48.9	234.5	24,200							130
140										26.3	207.5	25,800	40.6	224.1	21,400	51.2	231.6	17,100				140
150													30.6	209.8	19,000	43.3	222.1	15,000				150
160													15.4	185.3	16,800	33.9	209.2	13,200	45.3	218.1	9,600	160
170																21.2	189.4	11,500	36.4	206.2	8,200	170
180																			24.9	188.8	7,000	180



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	124,400 *b																			45	
50	71.3	273.9	118,000 *b																			50	
55	68.5	272.0	111,900 *																			55	
60	65.7	269.8	106,400 *																			60	
65	62.8	267.3	101,300 *	70.8	272.3	94,300 b																65	
70	59.8	264.5	93,500 *	68.0	270.4	85,300																70	
75	56.7	261.3	84,800 *	65.1	268.2	77,700																75	
80	53.5	257.7	77,300 *	62.2	265.6	71,300	67.1	268.4	66,000													80	
85	50.1	253.7	71,000 *	59.2	262.7	65,700	64.2	266.0	60,800													85	
90	46.6	249.2	65,500 *	56.1	259.5	60,800	61.3	263.4	56,200													90	
95	42.9	244.0	60,700 *	52.9	255.8	56,500	58.2	260.4	52,200													95	
100	38.8	238.1	56,500 *	49.5	251.7	52,700	55.1	257.0	48,600													100	
105	34.4	231.2	52,700 *	46.0	247.1	49,200	51.8	253.2	45,400	60.5	259.5	39,000										105	
110	29.4	222.9	49,300 *	42.2	241.8	46,100	48.4	248.9	42,500	57.5	256.4	36,500										110	
115	23.3	212.5	46,300 *	38.1	235.7	43,300	44.8	244.1	39,900	54.3	253.0	34,200										115	
120	15.2	197.6	42,500 *	33.5	228.6	40,800	40.9	238.6	37,500	51.0	249.1	32,100										120	
130				22.1	209.1	36,300	32.0	224.7	33,300	43.9	239.7	28,400	53.3	247.5	23,500								130
140							19.7	203.4	29,700	35.6	227.3	25,200	46.4	238.8	20,700								140
150										25.0	209.7	22,500	38.6	227.7	18,400	48.6	236.1	14,300					150
160													29.1	212.4	16,300	41.1	225.8	12,500					160
170													14.6	186.6	14,300	32.2	212.1	10,900	43.1	222.0	7,500		170
180																20.1	191.1	9,500	34.7	209.3	6,400		180
190																			23.7	190.9	5,300		190



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	118,400 *b																			45
50	72.9	284.4	112,600 *b																			50
55	70.4	282.7	107,200 *																			55
60	67.8	280.7	102,100 *																			60
65	65.2	278.5	97,300 *																			65
70	62.5	276.0	92,900 *	69.9	281.1	84,600																70
75	59.8	273.2	84,400 *	67.4	279.1	77,100																75
80	57.0	270.0	77,000 *	64.7	276.8	70,600																80
85	54.0	266.5	70,600 *	62.0	274.3	65,100	66.5	277.1	60,000													85
90	51.0	262.6	65,100 *	59.3	271.4	60,200	63.9	274.7	55,500													90
95	47.8	258.2	60,300 *	56.4	268.2	55,900	61.2	272.1	51,500													95
100	44.5	253.3	56,100 *	53.5	264.6	52,100	58.4	269.1	47,900													100
105	40.9	247.8	52,300 *	50.5	260.6	48,700	55.5	265.7	44,700													105
110	37.1	241.4	48,900 *	47.3	256.1	45,600	52.5	262.0	41,900	60.5	268.2	35,700										110
115	32.9	234.1	45,900 *	43.9	251.1	42,800	49.4	257.9	39,300	57.7	265.1	33,400										115
120	28.1	225.4	43,100 *	40.3	245.5	40,300	46.2	253.3	36,900	54.8	261.7	31,300										120
130	14.5	198.9	37,400 *	32.0	231.5	35,800	39.0	242.1	32,700	48.7	253.6	27,700	56.8	259.7	22,600							130
140				21.1	210.9	32,000	30.5	227.4	29,200	41.9	243.5	24,600	50.9	252.3	19,900							140
150							18.8	205.0	26,100	34.0	230.4	21,900	44.3	242.9	17,600	52.7	249.2	13,500				150
160										23.9	211.9	19,500	36.9	231.0	15,600	46.4	240.5	11,700				160
170													27.8	214.8	13,800	39.3	229.4	10,200	48.0	236.2	6,700	170
180													14.0	187.8	12,100	30.8	214.9	8,800	41.1	225.8	5,600	180
190																19.2	192.8	7,500	33.1	212.3	4,500	190



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	108,900 *																50
55	72.0	293.3	103,900 *																55
60	69.6	291.5	99,200 *																60
65	67.2	289.5	94,800 *																65
70	64.8	287.2	90,700 *																70
75	62.3	284.6	84,300 *	69.2	289.9	76,700													75
80	59.8	281.8	76,900 *	66.8	287.9	70,300													80
85	57.2	278.7	70,500 *	64.4	285.5	64,700													85
90	54.5	275.2	65,000 *	61.9	282.9	59,800	66.0	285.8	55,100										90
95	51.7	271.4	60,200 *	59.3	280.1	55,500	63.6	283.4	51,100										95
100	48.9	267.2	55,900 *	56.7	276.9	51,700	61.1	280.7	47,600										100
105	45.8	262.5	52,100 *	54.0	273.3	48,300	58.5	277.7	44,400										105
110	42.6	257.2	48,800 *	51.2	269.4	45,300	55.9	274.4	41,500	63.0	279.6	35,300							110
115	39.2	251.3	45,700 *	48.3	265.1	42,500	53.1	270.8	38,900	60.5	276.8	33,000							115
120	35.6	244.7	43,000 *	45.3	260.3	40,000	50.3	266.8	36,600	57.9	273.8	31,000							120
130	26.9	227.8	38,200 *	38.6	249.0	35,600	44.3	257.4	32,500	52.5	266.7	27,300							130
140	13.9	200.1	33,200 *	30.7	234.2	31,800	37.4	245.6	29,000	46.6	258.0	24,200	54.4	264.9	19,600				140
150				20.3	212.7	28,500	29.3	230.0	25,900	40.1	247.2	21,600	48.7	256.8	17,300				150
160							18.0	206.6	23,200	32.6	233.3	19,300	42.5	246.8	15,300	50.5	253.9	11,400	160
170										22.9	213.9	17,200	35.4	234.2	13,500	44.4	244.6	9,900	170
180													26.7	217.2	11,900	37.6	232.9	8,500	180
190													13.4	188.9	10,400	29.6	217.5	7,300	190
200																18.5	194.4	6,200	200



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	103,700 *																50
55	73.3	303.8	100,300 *																55
60	71.1	302.2	96,100 *																60
65	68.9	300.3	92,000 *																65
70	66.7	298.2	87,900 *																70
75	64.5	295.9	83,400 *	70.7	300.6	76,000													75
80	62.2	293.3	76,400 *	68.5	298.7	69,600													80
85	59.8	290.5	70,100 *	66.3	296.6	64,100													85
90	57.4	287.4	64,500 *	64.1	294.2	59,200	67.8	296.7	54,400										90
95	54.9	283.9	59,700 *	61.7	291.6	54,900	65.6	294.5	50,400										95
100	52.4	280.2	55,500 *	59.4	288.7	51,100	63.3	292.1	46,900										100
105	49.7	276.1	51,700 *	57.0	285.5	47,700	61.0	289.4	43,700										105
110	47.0	271.5	48,300 *	54.5	282.1	44,700	58.6	286.4	40,900										110
115	44.1	266.5	45,300 *	51.9	278.3	41,900	56.2	283.1	38,300	62.8	288.3	32,300							115
120	41.0	261.0	42,500 *	49.2	274.1	39,400	53.7	279.6	35,900	60.4	285.5	30,200							120
130	34.2	247.8	37,700 *	43.5	264.4	35,000	48.3	271.3	31,800	55.6	279.1	26,600							130
140	25.9	230.1	33,700 *	37.1	252.4	31,300	42.5	261.3	28,400	50.4	271.4	23,500	57.3	277.1	18,800				140
150	13.4	201.2	29,400 *	29.6	236.8	28,000	36.0	248.8	25,400	44.8	262.1	20,900	52.2	269.9	16,500				150
160				19.5	214.4	25,200	28.2	232.5	22,700	38.6	250.7	18,600	46.8	261.2	14,500				160
170							17.4	208.1	20,400	31.4	236.1	16,600	40.8	250.6	12,800	48.5	258.5	9,100	170
180										22.1	215.8	14,800	34.0	237.3	11,200	42.7	248.5	7,800	180
190													25.7	219.5	9,800	36.2	236.2	6,600	190
200													12.9	190.0	8,500	28.4	220.0	5,500	200
210																17.8	196.0	4,500	210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	93,000 *																55
60	72.4	312.7	89,900 *																60
65	70.4	311.0	86,600 *																65
70	68.4	309.1	83,100 *																70
75	66.3	306.9	79,300 *																75
80	64.2	304.6	75,500 *	70.0	309.4	69,000													80
85	62.0	302.0	71,500 *	68.0	307.5	63,400													85
90	59.8	299.1	65,800 *	65.9	305.3	58,600													90
95	57.6	296.0	60,800 *	63.8	302.9	54,300	67.3	305.5	49,700										95
100	55.3	292.7	56,400 *	61.6	300.3	50,500	65.2	303.2	46,200										100
105	52.9	289.0	52,500 *	59.4	297.4	47,100	63.1	300.7	43,100										105
110	50.5	284.9	49,000 *	57.2	294.2	44,100	60.9	298.0	40,200										110
115	47.9	280.6	45,900 *	54.9	290.8	41,300	58.7	295.1	37,600										115
120	45.3	275.7	43,100 *	52.5	287.0	38,800	56.4	291.8	35,300	62.6	296.9	29,500							120
130	39.5	264.6	38,200 *	47.4	278.5	34,400	51.7	284.4	31,200	58.2	291.1	25,900							130
140	33.0	250.7	34,100 *	42.0	268.2	30,700	46.6	275.6	27,800	53.5	284.2	22,900							140
150	25.0	232.3	30,500 *	35.8	255.6	27,500	41.0	265.0	24,800	48.6	276.0	20,300	55.2	282.4	15,800				150
160	12.9	202.3	25,300 *	28.5	239.4	24,700	34.7	252.0	22,200	43.2	266.1	18,000	50.3	274.6	13,900				160
170				18.8	216.0	22,200	27.2	235.0	19,900	37.2	254.1	16,000	45.1	265.4	12,100				170
180							16.7	209.5	17,800	30.3	238.8	14,200	39.4	254.2	10,600	51.8	271.6	8,400	180
190										21.3	217.7	12,600	32.8	240.2	9,200	41.2	252.3	5,900	190
200													24.8	221.7	8,000	34.9	239.3	4,800	200
210													12.4	191.1	6,800				210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	85,900 *																55
60	73.6	323.2	83,500 *																60
65	71.7	321.6	80,800 *																65
70	69.8	319.8	78,000 *																70
75	67.9	317.8	74,900 *																75
80	65.9	315.6	71,700 *																80
85	63.9	313.2	68,500 *	69.4	318.2	62,800													85
90	61.9	310.6	65,200 *	67.5	316.2	57,900													90
95	59.8	307.8	60,300 *	65.5	314.0	53,700													95
100	57.7	304.7	55,900 *	63.6	311.6	49,900	66.9	314.2	45,500										100
105	55.6	301.4	52,000 *	61.5	308.9	46,500	64.9	311.9	42,400										105
110	53.4	297.7	48,500 *	59.5	306.0	43,500	62.9	309.4	39,500										110
115	51.1	293.8	45,400 *	57.4	302.9	40,700	60.9	306.7	37,000										115
120	48.7	289.5	42,500 *	55.2	299.5	38,200	58.8	303.7	34,600										120
130	43.7	279.8	37,600 *	50.7	291.8	33,800	54.5	297.0	30,600	60.4	302.8	25,200							130
140	38.2	268.1	33,500 *	45.8	282.8	30,100	49.9	289.1	27,100	56.1	296.5	22,200							140
150	31.9	253.6	30,000 *	40.6	271.9	27,000	45.0	279.8	24,200	51.7	289.1	19,600	57.6	294.5	15,000				150
160	24.2	234.4	27,000 *	34.6	258.7	24,200	39.7	268.7	21,600	46.9	280.4	17,300	53.3	287.5	13,100				160
170	12.5	203.4	22,400 *	27.6	241.8	21,700	33.6	255.0	19,300	41.8	270.0	15,300	48.6	279.2	11,400				170
180				18.2	217.6	19,500	26.3	237.3	17,300	36.0	257.4	13,600	43.6	269.4	9,900	50.1	276.3	6,300	180
190							16.2	210.9	15,400	29.3	241.5	12,000	38.1	257.7	8,500	45.2	267.0	5,100	190
200										20.6	219.5	10,500	31.7	243.1	7,300	39.8	256.0	4,100	200
210													23.9	223.8	6,200				210
220													12.0	192.1	5,100				220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	77,400 *													60
65	72.8	332.1	75,300 *													65
70	71.0	330.4	73,000 *													70
75	69.2	328.6	70,500 *													75
80	67.4	326.6	67,900 *													80
85	65.6	324.3	65,200 *	70.7	328.9	62,300										85
90	63.7	321.9	62,400 *	68.9	327.0	57,500										90
95	61.8	319.3	59,600 *	67.1	325.0	53,300										95
100	59.8	316.5	55,600 *	65.2	322.7	49,500										100
105	57.9	313.4	51,700 *	63.4	320.2	46,100	66.5	322.9	41,900							105
110	55.8	310.1	48,200 *	61.4	317.6	43,100	64.6	320.6	39,100							110
115	53.8	306.5	45,100 *	59.5	314.7	40,300	62.7	318.1	36,600							115
120	51.6	302.6	42,200 *	57.5	311.6	37,800	60.8	315.4	34,200							120
130	47.2	293.9	37,300 *	53.4	304.6	33,500	56.9	309.2	30,200	62.3	314.3	24,800				130
140	42.4	283.7	33,200 *	49.0	296.4	29,800	52.7	302.0	26,800	58.4	308.5	21,800				140
150	37.0	271.4	29,700 *	44.4	286.9	26,600	48.3	293.7	23,800	54.3	301.7	19,200				150
160	30.9	256.4	26,700 *	39.3	275.5	23,900	43.6	283.8	21,300	50.0	293.8	16,900	55.7	299.8	12,700	160
170	23.4	236.5	24,000 *	33.5	261.7	21,400	38.4	272.2	19,000	45.4	284.6	15,000	51.5	292.3	11,000	170
180	12.1	204.4	19,800 *	26.7	244.2	19,300	32.5	257.9	17,000	40.4	273.7	13,200	47.1	283.6	9,500	180
190				17.6	219.1	17,300	25.5	239.5	15,200	34.9	260.5	11,700	42.2	273.3	8,200	190
200							15.7	212.3	13,600	28.4	244.0	10,300	36.9	261.0	7,000	200
210										20.0	221.2	8,900	30.8	245.8	5,900	210
220													23.2	225.8	4,800	220



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	71,500 *													60
65	73.8	342.6	69,800 *													65
70	72.1	341.0	68,000 *													70
75	70.4	339.3	66,000 *													75
80	68.7	337.4	63,800 *													80
85	67.0	335.3	61,600 *													85
90	65.3	333.0	59,300 *	70.1	337.7	56,900										90
95	63.5	330.6	56,900 *	68.4	335.8	52,600										95
100	61.7	328.0	54,500 *	66.7	333.7	48,900										100
105	59.9	325.1	51,100 *	64.9	331.4	45,500	67.9	333.8	41,300							105
110	58.0	322.1	47,700 *	63.2	328.9	42,500	66.1	331.6	38,400							110
115	56.1	318.8	44,500 *	61.4	326.2	39,700	64.4	329.3	35,900							115
120	54.1	315.2	41,700 *	59.5	323.4	37,200	62.6	326.8	33,600							120
130	50.1	307.3	36,800 *	55.7	316.9	32,900	58.9	321.1	29,500							130
140	45.8	298.2	32,700 *	51.8	309.5	29,200	55.1	314.5	26,100	60.3	320.1	21,000				140
150	41.1	287.4	29,200 *	47.6	300.9	26,000	51.1	306.9	23,200	56.6	313.9	18,500				150
160	35.9	274.7	26,100 *	43.1	290.8	23,300	46.9	298.0	20,600	52.7	306.7	16,200	57.9	311.8	11,900	160
170	30.0	259.0	23,500 *	38.1	279.0	20,900	42.3	287.7	18,400	48.5	298.4	14,300	54.0	304.9	10,300	170
180	22.7	238.5	21,200 *	32.6	264.7	18,700	37.3	275.5	16,400	44.1	288.7	12,600	50.0	297.0	8,800	180
190	11.7	205.4	17,400 *	26.0	246.5	16,800	31.6	260.7	14,600	39.2	277.3	11,000	45.6	287.8	7,400	190
200				17.1	220.6	15,100	24.7	241.7	13,000	33.8	263.6	9,600	41.0	277.1	6,300	200
210							15.2	213.6	11,500	27.5	246.4	8,400	35.8	264.2	5,200	210
220										19.4	222.9	7,200	29.9	248.5	4,200	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	64,700 *													65
70	73.1	351.5	63,200 *													70
75	71.5	349.9	61,600 *													75
80	69.9	348.1	59,900 *													80
85	68.3	346.1	58,000 *													85
90	66.6	344.0	56,100 *													90
95	65.0	341.7	54,200 *	69.6	346.5	52,000										95
100	63.3	339.3	52,100 *	68.0	344.6	48,300										100
105	61.6	336.6	50,100 *	66.3	342.4	44,900										105
110	59.9	333.8	47,900 *	64.7	340.1	41,900	67.5	342.6	37,800							110
115	58.1	330.7	44,700 *	63.0	337.6	39,200	65.8	340.4	35,300							115
120	56.3	327.5	41,800 *	61.3	334.9	36,700	64.1	338.0	33,000							120
130	52.6	320.2	36,700 *	57.8	328.9	32,300	60.7	332.7	28,900							130
140	48.6	311.9	32,500 *	54.1	322.1	28,700	57.2	326.6	25,500	62.0	331.6	20,400				140
150	44.5	302.3	29,000 *	50.3	314.2	25,500	53.5	319.6	22,600	58.6	325.8	17,800				150
160	39.9	291.1	25,900 *	46.2	305.2	22,800	49.6	311.5	20,100	54.9	319.1	15,600				160
170	34.9	277.8	23,200 *	41.8	294.7	20,400	45.5	302.3	17,800	51.1	311.5	13,700	56.2	317.2	9,600	170
180	29.2	261.6	20,900 *	37.1	282.3	18,200	41.1	291.5	15,900	47.1	302.7	12,000	52.5	309.9	8,100	180
190	22.1	240.4	18,800 *	31.7	267.5	16,300	36.2	278.8	14,100	42.8	292.6	10,400	48.5	301.6	6,800	190
200	11.4	206.4	15,300 *	25.2	248.7	14,600	30.7	263.5	12,500	38.1	280.7	9,100	44.4	291.9	5,600	200
210				16.7	222.1	13,000	24.1	243.9	11,100	32.9	266.5	7,800	39.8	280.7	4,600	210
220							14.8	214.9	9,700	26.8	248.8	6,700				220
230										18.9	224.6	5,600				230



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	59,800 *													65
70	74.0	362.0	58,600 *													70
75	72.5	360.4	57,300 *													75
80	70.9	358.7	55,900 *													80
85	69.4	356.9	54,400 *													85
90	67.9	354.9	52,800 *													90
95	66.3	352.8	51,200 *	70.7	357.2	51,400										95
100	64.7	350.4	49,500 *	69.1	355.3	47,700										100
105	63.1	348.0	47,800 *	67.6	353.3	44,300										105
110	61.5	345.3	46,000 *	66.0	351.1	41,300										110
115	59.9	342.4	44,000 *	64.5	348.8	38,500	67.1	351.3	34,600							115
120	58.2	339.4	41,200 *	62.9	346.3	36,100	65.5	349.1	32,300							120
130	54.7	332.7	36,200 *	59.6	340.7	31,700	62.3	344.1	28,300							130
140	51.1	325.0	32,000 *	56.2	334.3	28,100	59.0	338.4	24,900							140
150	47.3	316.3	28,400 *	52.6	327.1	24,900	55.6	331.9	22,000	60.3	337.5	17,100				150
160	43.3	306.3	25,300 *	48.9	318.8	22,200	52.1	324.5	19,400	56.9	331.3	14,900				160
170	38.9	294.6	22,700 *	45.0	309.3	19,800	48.3	316.0	17,200	53.4	324.2	13,000				170
180	34.0	280.9	20,300 *	40.7	298.4	17,700	44.3	306.3	15,300	49.7	316.2	11,300	54.7	322.4	7,400	180
190	28.4	264.2	18,300 *	36.1	285.6	15,800	40.0	295.2	13,500	45.9	307.0	9,800	51.0	314.7	6,100	190
200	21.5	242.3	16,400 *	30.8	270.3	14,100	35.3	282.0	11,900	41.7	296.4	8,400	47.2	306.0	4,900	200
210	11.1	207.4	13,200 *	24.6	250.9	12,500	29.9	266.2	10,500	37.1	284.1	7,200				210
220				16.2	223.5	11,100	23.4	245.9	9,200	32.0	269.4	6,000				220
230							14.4	216.1	8,000	26.1	251.1	5,000				230
240										18.4	226.2	4,000				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
40	69.1	245.0	148,700 *c																			40
45	64.6	242.8	139,700 *b																			45
50	60.0	240.1	131,500 *b																			50
55	55.1	236.7	124,100 *b	69.1	243.7	131,300 c																55
60	49.8	232.7	113,200 *	64.6	241.5	117,100 b																60
65	44.1	227.9	100,900 *	59.9	238.7	105,600 b																65
70	37.7	221.9	90,800 *	55.0	235.4	96,000 b	63.6	239.5	91,300 b													70
75	30.2	214.2	82,500 *	49.8	231.4	87,900	58.9	236.7	83,600 b													75
80	20.2	203.0	75,300 *	44.1	226.6	81,000	53.9	233.2	77,000 b													80
85				37.7	220.6	75,000	48.6	229.0	71,300													85
90				30.1	212.8	69,700	42.8	224.0	66,300	58.5	233.1	60,500 b										90
95				20.1	201.6	65,000	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	46.1	213.1	30,400				130
140																32.9	200.5	27,400				140
150																8.0	172.0	24,600	37.6	198.2	21,900	150
160																			20.0	179.2	19,800	160



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
40	71.8	255.7	143,900 *c																			40
45	68.0	253.8	135,400 *b																			45
50	64.1	251.5	127,700 *b																			50
55	60.0	248.7	120,700 *b																			55
60	55.7	245.5	113,800 *	68.0	252.5	116,700 b																60
65	51.2	241.6	101,400 *	64.0	250.2	105,200 b																65
70	46.3	237.1	91,200 *	59.9	247.4	95,600 b	67.1	250.6	90,700 b													70
75	41.1	231.7	82,800 *	55.7	244.1	87,500	63.2	248.2	83,000 b													75
80	35.1	225.1	75,600 *	51.2	240.3	80,600	59.0	245.3	76,500 b													80
85	28.1	216.7	69,500 *	46.3	235.8	74,600	54.7	242.0	70,800													85
90	18.8	204.6	64,200 *	41.0	230.4	69,400	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

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
40	73.9	266.2	139,100 *c																			40
45	70.6	264.5	131,300 *b																			45
50	67.1	262.5	124,000 *b																			50
55	63.6	260.2	117,500 *b																			55
60	60.0	257.4	111,500 *	70.6	263.2	105,200 b																60
65	56.2	254.2	101,700 *	67.1	261.2	94,500 b																65
70	52.2	250.4	91,500 *	63.6	258.8	85,600 b																70
75	48.0	246.1	83,000 *	60.0	256.1	78,100	66.4	259.3	72,200 b													75
80	43.5	241.1	75,800 *	56.2	252.8	71,700	62.8	256.9	66,200 b													80
85	38.6	235.2	69,600 *	52.2	249.1	66,100	59.1	254.0	61,000													85
90	33.0	228.1	64,300 *	48.0	244.8	61,200	55.3	250.7	56,500													90
95	26.4	219.0	59,600 *	43.5	239.8	56,900	51.3	246.8	52,500	62.6	253.3	45,100										95
100	17.6	206.2	55,400 *	38.6	233.9	53,100	47.0	242.4	48,900	58.9	250.4	42,000										100
105				33.0	226.7	49,700	42.5	237.2	45,800	55.0	247.1	39,200										105
110				26.4	217.7	46,500	37.4	231.1	42,900	51.0	243.2	36,700										110
115				17.6	204.8	43,700	31.7	223.6	40,200	46.7	238.7	34,400										115
120							24.7	213.9	37,800	42.1	233.4	32,300	54.5	241.9	26,800							120
130										31.2	219.6	28,600	46.1	233.4	23,600							130
140										14.0	194.6	25,300	36.3	221.6	20,900	49.4	231.1	16,400				140
150													23.0	203.4	18,500	40.3	220.8	14,400				150
160																28.8	205.8	12,600	43.5	217.5	8,900	160
170																6.9	173.2	10,900	33.0	204.4	7,600	170
180																			17.5	182.4	6,300	180



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
40	75.6	276.6	134,000 *c																			40
45	72.6	275.1	126,900 *b																			45
50	69.5	273.3	120,300 *b																			50
55	66.4	271.3	114,100 *b																			55
60	63.3	268.8	108,400 *																			60
65	60.0	266.0	101,700 *	69.5	272.0	93,800 b																65
70	56.6	262.9	91,400 *	66.4	269.9	85,000																70
75	53.0	259.2	82,900 *	63.2	267.5	77,500																75
80	49.3	255.1	75,700 *	60.0	264.7	71,100	65.7	268.0	65,500													80
85	45.4	250.4	69,500 *	56.6	261.5	65,500	62.5	265.5	60,300													85
90	41.1	244.9	64,100 *	53.0	257.9	60,700	59.2	262.7	55,800													90
95	36.5	238.5	59,400 *	49.3	253.8	56,400	55.8	259.4	51,800													95
100	31.3	230.9	55,300 *	45.4	249.1	52,600	52.2	255.7	48,300	62.3	262.0	41,200										100
105	25.0	221.2	51,600 *	41.1	243.6	49,200	48.5	251.4	45,100	59.0	259.1	38,400										105
110	16.7	207.6	48,300 *	36.5	237.2	46,100	44.5	246.5	42,300	55.6	255.8	35,900										110
115				31.2	229.5	43,300	40.1	240.9	39,700	52.0	252.0	33,600										115
120				25.0	219.9	40,700	35.4	234.3	37,300	48.2	247.7	31,600										120
130							23.4	216.0	33,100	39.8	237.1	28,000	51.4	246.8	22,800							130
140										29.5	222.2	24,800	43.6	237.4	20,100							140
150										13.3	195.7	22,000	34.3	224.7	17,800	46.7	235.5	13,600				150
160													21.8	205.3	15,800	38.1	224.2	11,900				160
170																27.2	208.2	10,300	41.1	221.3	6,800	170
180																6.5	173.7	8,800	31.2	207.2	5,600	180
190																		8,800	16.6	183.8	4,500	190



Liftcrane Luffing Jib Capacities

2250 SERIES 1

**New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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	122,700 *b																			45	
50	71.5	284.0	116,600 *b																			50	
55	68.7	282.1	110,900 *																			55	
60	65.9	280.0	105,500 *																			60	
65	63.0	277.5	100,600 *																			65	
70	60.0	274.7	94,200 *	68.7	280.8	84,300																70	
75	56.9	271.5	85,300 *	65.8	278.7	76,800																75	
80	53.7	268.0	77,800 *	62.9	276.2	70,400																80	
85	50.4	264.0	71,400 *	60.0	273.4	64,900	65.2	276.7	59,600													85	
90	46.9	259.5	65,900 *	56.9	270.2	60,000	62.3	274.2	55,100													90	
95	43.1	254.4	61,000 *	53.7	266.7	55,800	59.3	271.3	51,200													95	
100	39.1	248.5	56,800 *	50.4	262.7	52,000	56.2	268.1	47,600													100	
105	34.7	241.7	53,000 *	46.8	258.2	48,600	53.0	264.4	44,500	62.1	270.6	37,700										105	
110	29.7	233.5	49,600 *	43.1	253.0	45,600	49.6	260.3	41,700	59.1	267.7	35,200										110	
115	23.8	223.3	46,500 *	39.1	247.2	42,800	46.0	255.7	39,100	56.0	264.5	33,000										115	
120	15.9	209.0	43,200 *	34.7	240.3	40,300	42.3	250.4	36,700	52.7	260.8	30,900										120	
130				23.8	222.0	35,800	33.7	237.3	32,600	45.8	252.0	27,300	55.5	259.4	22,100								130
140							22.3	217.9	29,100	37.9	240.5	24,300	48.9	251.4	19,500								140
150										28.1	224.7	21,600	41.4	241.2	17,200	51.5	248.8	12,800					150
160										12.6	196.8	19,200	32.6	227.6	15,200	44.4	239.6	11,200					160
170													20.7	207.1	13,400	36.2	227.5	9,700	46.8	235.8	6,000	170	
180																25.9	210.5	8,300	39.1	224.8	5,000	180	
190																6.2	174.2	7,000	29.7	209.8	4,000	190	



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 Lb. Counterweight
360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	116,700 *b																45
50	73.1	294.5	111,200 *b																50
55	70.6	292.8	106,000 *																55
60	68.0	290.9	101,100 *																60
65	65.4	288.7	96,600 *																65
70	62.7	286.2	92,400 *	70.5	291.5	83,600													70
75	60.0	283.4	85,000 *	68.0	289.6	76,100													75
80	57.2	280.2	77,500 *	65.4	287.4	69,800													80
85	54.3	276.7	71,000 *	62.7	284.8	64,200	67.4	287.7	58,900										85
90	51.2	272.8	65,500 *	60.0	282.0	59,400	64.8	285.4	54,400										90
95	48.1	268.5	60,600 *	57.1	278.9	55,200	62.1	282.9	50,500										95
100	44.7	263.6	56,300 *	54.2	275.4	51,400	59.4	280.0	47,000										100
105	41.2	258.2	52,500 *	51.2	271.5	48,000	56.5	276.8	43,800										105
110	37.4	251.9	49,100 *	48.0	267.2	45,000	53.6	273.2	41,000	61.9	279.3	34,400							110
115	33.2	244.7	46,100 *	44.7	262.3	42,200	50.5	269.2	38,400	59.2	276.4	32,200							115
120	28.4	236.1	43,300 *	41.2	256.8	39,700	47.3	264.8	36,100	56.3	273.2	30,100							120
130	15.2	210.3	38,000 *	33.1	243.3	35,300	40.4	254.1	32,000	50.3	265.6	26,600							130
140				22.7	224.0	31,500	32.2	240.2	28,500	43.7	256.0	23,600	52.9	264.4	18,600				140
150							21.3	219.8	25,500	36.2	243.8	21,000	46.6	255.8	16,400				150
160										26.9	227.1	18,700	39.6	244.8	14,500	49.1	253.5	10,300	160
170										12.0	197.8	16,500	31.2	230.4	12,700	42.4	243.5	8,900	170
180													19.8	208.9	11,100	34.6	230.7	7,600	180
190																24.8	212.7	6,400	190
200																5.9	174.6	5,200	200



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	106,800 *b																50
55	72.1	303.4	102,700 *																55
60	69.8	301.6	98,200 *																60
65	67.4	299.6	93,300 *																65
70	65.0	297.4	88,400 *																70
75	62.5	294.8	83,400 *	69.8	300.3	75,700													75
80	60.0	292.0	77,400 *	67.4	298.3	69,400													80
85	57.4	288.9	70,900 *	65.0	296.0	63,900													85
90	54.7	285.5	65,400 *	62.5	293.5	59,100	66.9	296.4	54,000										90
95	51.9	281.7	60,500 *	60.0	290.7	54,800	64.4	294.1	50,100										95
100	49.1	277.5	56,200 *	57.4	287.6	51,100	61.9	291.5	46,600										100
105	46.0	272.8	52,400 *	54.7	284.2	47,700	59.4	288.7	43,500										105
110	42.9	267.6	49,000 *	51.9	280.3	44,700	56.8	285.5	40,700										110
115	39.5	261.8	45,900 *	49.0	276.1	41,900	54.1	282.0	38,100	61.8	288.0	31,800							115
120	35.8	255.2	43,200 *	46.0	271.5	39,400	51.3	278.1	35,800	59.2	285.1	29,800							120
130	27.3	238.5	38,300 *	39.5	260.4	35,100	45.4	269.0	31,700	53.9	278.3	26,200							130
140	14.5	211.5	33,700 *	31.8	246.2	31,300	38.7	257.7	28,300	48.2	270.1	23,300	56.2	276.8	18,300				140
150				21.8	225.9	28,100	30.8	242.9	25,300	41.9	259.9	20,700	50.7	269.2	16,100				150
160							20.4	221.6	22,700	34.7	247.0	18,400	44.7	259.9	14,200	52.9	266.4	10,000	160
170										25.8	229.4	16,400	37.9	248.3	12,500	47.1	257.9	8,600	170
180										11.5	198.8	14,500	29.9	233.1	10,900	40.6	247.2	7,300	180
190													19.0	210.5	9,500	33.2	233.6	6,200	190
200																23.8	214.8	5,100	200
210																5.7	175.1	4,000	210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	98,800 *																50
55	73.4	313.9	95,500 *																55
60	71.3	312.3	91,900 *																60
65	69.1	310.4	88,000 *																65
70	66.9	308.4	83,900 *																70
75	64.6	306.0	79,700 *																75
80	62.3	303.5	75,400 *	69.1	309.1	68,700													80
85	60.0	300.7	70,500 *	66.9	307.0	63,200													85
90	57.6	297.6	64,900 *	64.6	304.7	58,400													90
95	55.1	294.2	60,000 *	62.3	302.2	54,200	66.4	305.2	49,400										95
100	52.5	290.5	55,700 *	60.0	299.4	50,400	64.1	302.8	45,900										100
105	49.9	286.4	51,900 *	57.6	296.3	47,100	61.8	300.2	42,800										105
110	47.2	281.9	48,500 *	55.1	292.9	44,100	59.4	297.3	40,000										110
115	44.3	276.9	45,500 *	52.5	289.1	41,300	57.0	294.2	37,400										115
120	41.2	271.4	42,700 *	49.9	285.0	38,800	54.5	290.7	35,100	61.6	296.6	29,000							120
130	34.5	258.3	37,900 *	44.2	275.6	34,500	49.3	282.7	31,100	56.9	290.6	25,500							130
140	26.2	240.8	33,800 *	38.0	263.9	30,800	43.6	273.0	27,700	51.8	283.2	22,500							140
150	14.0	212.7	29,800 *	30.6	248.9	27,600	37.2	261.0	24,700	46.3	274.4	20,000	54.0	281.9	15,300				150
160				21.0	227.7	24,800	29.7	245.6	22,200	40.3	263.6	17,800	48.7	273.8	13,400				160
170							19.7	223.3	19,900	33.4	250.0	15,800	43.0	263.9	11,700	50.8	271.2	7,700	170
180										24.8	231.6	14,000	36.5	251.6	10,200	45.2	262.1	6,500	180
190										11.1	199.7	12,400	28.8	235.7	8,900	39.1	250.8	5,400	190
200													18.3	212.1	7,600	31.9	236.5	4,400	200



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	88,800 *																55
60	72.6	322.8	85,900 *																60
65	70.6	321.1	82,700 *																65
70	68.5	319.2	79,400 *																70
75	66.4	317.1	75,800 *																75
80	64.3	314.7	72,200 *	70.5	319.8	68,100													80
85	62.2	312.2	68,500 *	68.5	317.9	62,600													85
90	60.0	309.3	64,900 *	66.4	315.8	57,800													90
95	57.7	306.3	61,100 *	64.3	313.4	53,600													95
100	55.4	302.9	56,700 *	62.2	310.8	49,800	66.0	313.9	45,200										100
105	53.1	299.2	52,800 *	60.0	308.0	46,500	63.8	311.5	42,100										105
110	50.6	295.2	49,300 *	57.7	304.9	43,500	61.7	308.9	39,300										110
115	48.1	290.9	46,100 *	55.4	301.6	40,700	59.5	306.0	36,800										115
120	45.4	286.1	43,300 *	53.1	297.9	38,300	57.2	302.8	34,500										120
130	39.7	275.0	38,300 *	48.1	289.5	33,900	52.5	295.7	30,500	59.3	302.4	24,800							130
140	33.2	261.3	34,200 *	42.7	279.5	30,200	47.5	287.1	27,100	54.7	295.8	21,900							140
150	25.3	243.1	30,700 *	36.6	267.2	27,100	42.0	276.9	24,200	49.9	287.9	19,300	56.7	294.1	14,600				150
160	13.5	213.9	25,700 *	29.5	251.6	24,300	35.9	264.3	21,600	44.6	278.5	17,100	52.0	286.8	12,700				160
170				20.2	229.5	21,800	28.6	248.1	19,400	38.8	267.1	15,200	47.0	278.1	11,000				170
180							19.0	224.9	17,300	32.2	252.9	13,400	41.4	267.7	9,600	48.9	275.8	5,800	180
190										23.9	233.7	11,900	35.2	254.8	8,300	43.6	266.1	4,700	190
200										10.7	200.6	10,400	27.8	238.1	7,100				200
210													17.6	213.6	5,900				210



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	82,100 *													55
60	73.7	333.3	79,800 *													60
65	71.8	331.7	77,300 *													65
70	69.9	329.9	74,600 *													70
75	68.0	328.0	71,700 *													75
80	66.0	325.8	68,700 *													80
85	64.1	323.4	65,600 *	69.9	328.6	61,900										85
90	62.0	320.8	62,500 *	68.0	326.7	57,100										90
95	60.0	318.0	59,400 *	66.0	324.5	52,900										95
100	57.9	314.9	56,200 *	64.0	322.1	49,200	67.6	324.8	44,500							100
105	55.7	311.6	52,200 *	62.0	319.5	45,800	65.6	322.6	41,400							105
110	53.5	308.0	48,700 *	60.0	316.7	42,800	63.6	320.2	38,600							110
115	51.2	304.1	45,600 *	57.9	313.6	40,100	61.6	317.5	36,100							115
120	48.9	299.8	42,700 *	55.7	310.3	37,600	59.5	314.6	33,800							120
130	43.9	290.1	37,800 *	51.2	302.8	33,300	55.2	308.1	29,800	61.4	314.0	24,000				130
140	38.4	278.5	33,700 *	46.4	293.9	29,700	50.7	300.5	26,400	57.3	307.9	21,100				140
150	32.1	264.1	30,100 *	41.2	283.3	26,500	45.9	291.4	23,500	52.9	300.8	18,600				150
160	24.5	245.2	27,100 *	35.4	270.4	23,800	40.6	280.6	21,000	48.2	292.4	16,400	54.8	299.4	11,900	160
170	13.1	215.0	22,700 *	28.5	254.1	21,300	34.7	267.4	18,800	43.1	282.5	14,500	50.2	291.6	10,300	170
180				19.6	231.2	19,200	27.7	250.6	16,800	37.6	270.5	12,800	45.4	282.4	8,800	180
190							18.3	226.5	15,000	31.1	255.6	11,300	40.0	271.3	7,500	190
200										23.1	235.7	9,900	34.0	257.9	6,400	200
210										10.3	201.5	8,500	26.9	240.5	5,300	210
220													17.1	215.1	4,300	220



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	74,200 *													60
65	72.9	342.2	72,200 *													65
70	71.1	340.6	70,000 *													70
75	69.4	338.7	67,600 *													75
80	67.5	336.7	65,100 *													80
85	65.7	334.5	62,500 *													85
90	63.8	332.1	59,900 *	69.3	337.4	56,700										90
95	61.9	329.5	57,200 *	67.5	335.4	52,500										95
100	60.0	326.7	54,500 *	65.7	333.2	48,800										100
105	58.0	323.6	51,900 *	63.8	330.8	45,400	67.1	333.5	41,000							105
110	56.0	320.3	48,400 *	61.9	328.2	42,400	65.3	331.3	38,200							110
115	53.9	316.7	45,300 *	60.0	325.3	39,700	63.4	328.8	35,700							115
120	51.8	312.9	42,400 *	58.0	322.3	37,300	61.5	326.2	33,400							120
130	47.3	304.2	37,500 *	53.9	315.4	32,900	57.6	320.2	29,400							130
140	42.5	294.1	33,300 *	49.6	307.4	29,300	53.5	313.2	26,100	59.4	319.7	20,700				140
150	37.2	281.9	29,800 *	45.0	298.0	26,200	49.1	305.1	23,200	55.4	313.2	18,200				150
160	31.2	266.9	26,800 *	39.9	286.9	23,400	44.4	295.5	20,600	51.2	305.6	16,000	57.1	311.5	11,500	160
170	23.7	247.3	24,100 *	34.3	273.5	21,000	39.4	284.2	18,400	46.7	296.8	14,100	53.0	304.4	9,900	170
180	12.7	216.1	20,200 *	27.7	256.6	18,900	33.6	270.5	16,500	41.8	286.3	12,400	48.6	296.1	8,500	180
190				19.0	232.9	17,000	26.8	253.0	14,700	36.4	273.8	10,900	43.9	286.4	7,200	190
200							17.8	228.1	13,100	30.2	258.3	9,600	38.8	274.9	6,000	200
210										22.4	237.7	8,300	33.0	260.8	5,000	210
220										10.0	202.4	7,100	26.0	242.8	4,000	220



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	68,700 *													60
65	73.9	352.7	67,100 *													65
70	72.2	351.1	65,300 *													70
75	70.5	349.4	63,400 *													75
80	68.8	347.5	61,300 *													80
85	67.1	345.4	59,200 *													85
90	65.4	343.2	57,000 *	70.5	348.1	56,100										90
95	63.6	340.8	54,700 *	68.8	346.2	51,900										95
100	61.8	338.1	52,400 *	67.1	344.1	48,100										100
105	60.0	335.3	50,100 *	65.4	341.9	44,800										105
110	58.1	332.3	47,800 *	63.6	339.5	41,800	66.7	342.3	37,500							110
115	56.2	329.0	44,700 *	61.8	336.8	39,100	65.0	340.0	35,000							115
120	54.3	325.5	41,900 *	60.0	334.0	36,600	63.2	337.5	32,700							120
130	50.2	317.6	36,900 *	56.2	327.7	32,300	59.6	332.0	28,800							130
140	45.9	308.5	32,800 *	52.3	320.4	28,700	55.8	325.5	25,400	61.3	331.3	20,000				140
150	41.3	297.8	29,300 *	48.1	311.9	25,600	51.8	318.1	22,500	57.6	325.3	17,500				150
160	36.1	285.2	26,200 *	43.6	302.1	22,900	47.6	309.5	20,000	53.7	318.3	15,300				160
170	30.2	269.6	23,600 *	38.8	290.5	20,500	43.1	299.5	17,800	49.6	310.3	13,400	55.4	316.8	9,100	170
180	23.0	249.3	21,300 *	33.3	276.5	18,400	38.2	287.7	15,900	45.3	301.0	11,800	51.4	309.3	7,700	180
190	12.3	217.1	17,700 *	26.8	258.9	16,500	32.6	273.4	14,100	40.5	290.1	10,300	47.2	300.5	6,400	190
200				18.4	234.5	14,700	26.1	255.3	12,600	35.3	277.0	8,900	42.6	290.3	5,300	200
210							17.3	229.6	11,100	29.3	261.0	7,700	37.6	278.3	4,300	210
220										21.8	239.6	6,500				220
230										9.7	203.2	5,400				230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	62,300 *													65
70	73.2	361.6	60,800 *													70
75	71.6	360.0	59,300 *													75
80	70.0	358.2	57,600 *													80
85	68.4	356.3	55,800 *													85
90	66.8	354.2	54,000 *													90
95	65.1	351.9	52,100 *	70.0	356.9	51,300										95
100	63.4	349.5	50,100 *	68.4	355.0	47,500										100
105	61.7	346.8	48,100 *	66.8	352.9	44,200										105
110	60.0	344.0	46,200 *	65.1	350.6	41,200	68.0	353.1	36,900							110
115	58.2	340.9	44,200 *	63.4	348.1	38,500	66.4	351.0	34,400							115
120	56.4	337.7	42,000 *	61.7	345.5	36,100	64.7	348.7	32,100							120
130	52.7	330.5	36,900 *	58.2	339.6	31,800	61.3	343.5	28,200							130
140	48.8	322.2	32,700 *	54.6	332.9	28,100	57.8	337.5	24,800	62.9	342.6	19,300				140
150	44.6	312.6	29,100 *	50.8	325.1	25,000	54.2	330.7	21,900	59.5	337.0	16,800				150
160	40.1	301.5	26,000 *	46.7	316.3	22,300	50.3	322.8	19,500	55.9	330.6	14,700				160
170	35.1	288.3	23,300 *	42.4	306.0	20,000	46.3	313.8	17,300	52.1	323.3	12,800	57.4	328.9	8,500	170
180	29.4	272.3	21,000 *	37.7	293.9	17,900	41.9	303.3	15,300	48.2	314.8	11,200	53.8	321.9	7,100	180
190	22.4	251.3	18,900 *	32.4	279.4	16,000	37.1	291.0	13,600	44.0	305.0	9,700	49.9	313.9	5,800	190
200	11.9	218.2	15,600 *	26.1	261.3	14,300	31.7	276.2	12,100	39.4	293.7	8,300	45.8	304.8	4,700	200
210				17.9	236.0	12,700	25.3	257.5	10,600	34.3	280.1	7,100				210
220							16.8	231.0	9,300	28.5	263.5	6,000				220
230										21.2	241.5	5,000				230
240										9.5	204.0	4,000				240



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	57,600 *													65
70	74.1	372.1	56,500 *													70
75	72.6	370.5	55,200 *													75
80	71.1	368.8	53,900 *													80
85	69.5	367.0	52,400 *													85
90	68.0	365.0	50,900 *													90
95	66.4	362.9	49,300 *													95
100	64.9	360.6	47,700 *	69.5	365.7	46,900										100
105	63.3	358.1	46,000 *	68.0	363.7	43,600										105
110	61.6	355.5	44,300 *	66.4	361.6	40,600										110
115	60.0	352.6	42,600 *	64.8	359.3	37,900	67.6	361.9	33,700							115
120	58.3	349.6	40,900 *	63.2	356.8	35,500	66.1	359.7	31,400							120
130	54.9	342.9	36,300 *	60.0	351.3	31,200	62.9	354.9	27,500							130
140	51.3	335.3	32,100 *	56.6	345.1	27,500	59.6	349.3	24,200							140
150	47.5	326.6	28,500 *	53.1	337.9	24,400	56.2	342.9	21,300	61.2	348.6	16,100				150
160	43.4	316.6	25,400 *	49.4	329.8	21,700	52.7	335.7	18,800	57.8	342.6	14,000				160
170	39.0	305.1	22,800 *	45.5	320.5	19,400	49.0	327.4	16,600	54.3	335.8	12,100				170
180	34.2	291.4	20,400 *	41.3	309.7	17,300	45.0	318.0	14,700	50.7	328.0	10,500	55.9	334.2	6,300	180
190	28.6	274.8	18,300 *	36.7	297.2	15,400	40.8	307.1	13,000	46.9	319.2	9,000	52.3	326.9	5,100	190
200	21.8	253.2	16,500 *	31.5	282.2	13,700	36.1	294.3	11,500	42.8	309.0	7,700	48.6	318.5	4,000	200
210	11.6	219.1	13,400 *	25.4	263.5	12,200	30.9	279.0	10,100	38.4	297.1	6,500				210
220				17.4	237.5	10,800	24.7	259.7	8,800	33.4	283.1	5,400				220
230							16.3	232.5	7,600	27.7	266.0	4,400				230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
40	69.4	255.2	147,000 *c																			40
45	65.0	253.0	138,300 *b																			45
50	60.3	250.3	130,400 *b																			50
55	55.4	247.0	123,400 *b	70.2	254.1	130,400 c																55
60	50.2	243.0	114,200 *b	65.7	252.0	116,400 b																60
65	44.5	238.3	101,700 *	61.1	249.4	104,900 b																65
70	38.2	232.4	91,500 *	56.2	246.2	95,400 b	65.2	250.3	90,200 b													70
75	30.8	224.8	83,000 *	51.1	242.4	87,300 b	60.6	247.6	82,600 b													75
80	21.0	214.0	75,800 *	45.5	237.8	80,400	55.7	244.3	76,100 b													80
85				39.3	232.1	74,500	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	60,200	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	44.0	212.9	20,400	150
160																			30.1	199.1	18,500	160



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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	
40	72.1	265.8	141,900 *c																			40
45	68.3	263.9	133,900 *b																			45
50	64.3	261.6	126,500 *b																			50
55	60.3	258.9	119,800 *b																			55
60	56.0	255.7	113,700 *	68.9	262.9	104,700 b																60
65	51.5	251.9	102,200 *	65.0	260.7	94,100 b																65
70	46.7	247.4	91,900 *	61.0	258.0	85,200 b																70
75	41.5	242.1	83,300 *	56.7	254.9	77,800	64.6	258.9	71,500 b													75
80	35.6	235.6	76,100 *	52.3	251.2	71,400	60.5	256.2	65,600 b													80
85	28.7	227.4	69,900 *	47.5	246.9	65,800	56.2	253.0	60,400													85
90	19.6	215.7	64,500 *	42.4	241.7	61,000	51.8	249.3	56,000													90
95				36.6	235.4	56,700	47.0	244.8	52,000	60.9	253.0	44,100 b										95
100				29.9	227.5	52,900	41.8	239.6	48,500	56.7	249.8	41,100										100
105				21.4	216.7	49,400	35.9	233.1	45,300	52.2	246.1	38,300										105
110				2.8	191.4	46,000	29.1	225.0	42,400	47.5	241.8	35,900										110
115							20.2	213.6	39,700	42.3	236.6	33,600	56.8	245.0	27,400							115
120										36.5	230.3	31,600	52.3	241.3	25,700							120
130										21.2	211.5	27,900	42.4	231.8	22,600							130
140													30.0	217.7	20,000	47.2	230.5	15,200				140
150													3.7	182.7	17,400	36.3	218.9	13,300				150
160																20.7	199.7	11,500	41.0	216.7	7,600	160
170																			28.0	201.6	6,400	170



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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	
40	74.2	276.3	137,000 *c																			40
45	70.8	274.7	129,500 *b																			45
50	67.4	272.7	122,800 *b																			50
55	63.9	270.3	116,400 *b																			55
60	60.2	267.6	110,700 *																			60
65	56.5	264.4	102,500 *	68.0	271.7	93,500 b																65
70	52.5	260.7	92,100 *	64.5	269.4	84,700 b																70
75	48.3	256.5	83,500 *	60.9	266.7	77,200	67.6	269.9	70,800 b													75
80	43.8	251.5	76,300 *	57.1	263.6	70,900	64.1	267.6	64,900 b													80
85	38.9	245.7	70,000 *	53.2	260.0	65,400	60.4	264.9	59,800													85
90	33.4	238.6	64,600 *	49.0	255.9	60,500	56.7	261.7	55,400													90
95	27.0	229.7	59,900 *	44.6	251.0	56,300	52.7	258.1	51,500													95
100	18.4	217.3	55,700 *	39.8	245.4	52,500	48.6	253.9	48,000	60.8	261.6	40,400										100
105				34.4	238.6	49,100	44.1	248.9	44,800	57.0	258.5	37,700										105
110				28.1	230.1	46,000	39.2	243.2	42,000	53.1	254.9	35,300										110
115				20.1	218.4	43,200	33.8	236.2	39,400	49.0	250.8	33,100										115
120				2.6	191.5	40,400	27.3	227.4	37,100	44.6	245.9	31,000	57.1	253.7	25,000							120
130										34.3	233.4	27,500	49.1	246.0	22,000							130
140										19.9	213.2	24,300	39.9	235.5	19,400	52.9	243.7	14,500				140
150													28.2	220.2	17,200	44.3	234.6	12,700				150
160													3.5	182.9	14,900	34.1	222.0	11,000	48.0	231.2	7,000	160
170																19.5	201.4	9,500	38.5	220.2	5,800	170
180																			26.4	204.0	4,700	180



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	286.7	131,800 *c																40
45	72.8	285.2	125,100 *b																45
50	69.8	283.5	118,800 *b																50
55	66.7	281.4	112,900 *b																55
60	63.5	279.0	107,400 *																60
65	60.2	276.2	102,400 *	70.3	282.4	92,800 b													65
70	56.8	273.1	92,800 *	67.2	280.4	84,000 b													70
75	53.3	269.5	84,000 *	64.0	278.1	76,600													75
80	49.6	265.4	76,600 *	60.8	275.4	70,200	66.8	278.7	64,200 b										80
85	45.7	260.7	70,300 *	57.4	272.3	64,700	63.7	276.3	59,100										85
90	41.5	255.3	64,800 *	53.9	268.8	59,900	60.4	273.6	54,700										90
95	36.8	249.0	60,100 *	50.2	264.8	55,700	57.0	270.4	50,800										95
100	31.6	241.5	55,800 *	46.3	260.2	51,900	53.5	266.9	47,300										100
105	25.5	232.0	52,100 *	42.2	254.9	48,600	49.8	262.8	44,200	60.7	270.3	36,900							105
110	17.4	218.8	48,700 *	37.6	248.8	45,500	45.9	258.1	41,400	57.3	267.2	34,500							110
115				32.6	241.5	42,800	41.7	252.8	38,800	53.8	263.7	32,300							115
120				26.6	232.4	40,200	37.1	246.5	36,500	50.2	259.7	30,300							120
130				2.4	191.6	35,500	25.9	229.7	32,400	42.1	249.8	26,800	53.9	258.9	21,200				130
140										32.5	236.3	23,800	46.4	250.3	18,600				140
150										18.9	214.8	21,100	37.7	238.9	16,500	50.0	248.4	11,800	150
160													26.7	222.6	14,500	41.9	238.5	10,200	160
170													3.2	183.2	12,600	32.2	224.9	8,800	170
180																18.4	203.0	7,500	180



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	120,800 *b																45
50	71.7	294.1	115,000 *b																50
55	68.9	292.3	109,600 *																55
60	66.1	290.1	104,400 *																60
65	63.2	287.7	98,200 *																65
70	60.2	284.9	91,900 *	69.4	291.2	83,300 b													70
75	57.1	281.8	85,700 *	66.5	289.1	75,900													75
80	53.9	278.3	78,300 *	63.7	286.7	69,600													80
85	50.6	274.3	71,800 *	60.7	284.0	64,100	66.2	287.4	58,400										85
90	47.1	269.8	66,200 *	57.6	281.0	59,300	63.3	285.0	54,000										90
95	43.4	264.7	61,300 *	54.5	277.5	55,100	60.4	282.2	50,100										95
100	39.4	258.9	57,000 *	51.2	273.6	51,400	57.3	279.1	46,600										100
105	35.0	252.2	53,200 *	47.7	269.2	48,000	54.1	275.6	43,500										105
110	30.1	244.2	49,800 *	44.0	264.3	45,000	50.8	271.7	40,800	60.6	278.9	33,800							110
115	24.3	234.1	46,700 *	40.1	258.6	42,200	47.3	267.2	38,200	57.6	275.9	31,600							115
120	16.6	220.2	43,700 *	35.8	252.0	39,700	43.6	262.2	35,900	54.4	272.4	29,600							120
130				25.3	234.7	35,300	35.3	249.7	31,900	47.7	264.1	26,100	57.7	271.1	20,400				130
140				2.2	191.8	31,300	24.6	231.9	28,400	40.0	253.5	23,200	51.2	263.7	17,900				140
150										30.9	239.1	20,600	44.1	254.4	15,800				150
160										18.0	216.4	18,300	35.9	242.2	13,900	47.5	252.8	9,500	160
170													25.4	224.8	12,200	39.9	242.1	8,200	170
180													3.0	183.3	10,500	30.7	227.6	6,900	180
190																17.6	204.6	5,700	190



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	113,200 *b																45
50	73.3	304.6	109,000 *b																50
55	70.7	303.0	104,200 *																55
60	68.2	301.0	99,000 *																60
65	65.6	298.8	93,600 *																65
70	62.9	296.3	88,200 *																70
75	60.2	293.6	82,800 *	68.6	300.0	75,200													75
80	57.4	290.5	77,600 *	66.0	297.8	68,900													80
85	54.5	287.0	71,500 *	63.4	295.4	63,500													85
90	51.4	283.1	65,800 *	60.6	292.7	58,700	65.7	296.1	53,200										90
95	48.3	278.8	60,900 *	57.8	289.6	54,500	63.0	293.6	49,400										95
100	45.0	274.0	56,600 *	55.0	286.2	50,700	60.3	290.9	45,900										100
105	41.4	268.6	52,800 *	52.0	282.4	47,400	57.5	287.8	42,800										105
110	37.6	262.4	49,400 *	48.8	278.2	44,400	54.6	284.3	40,100										110
115	33.5	255.2	46,300 *	45.5	273.5	41,700	51.6	280.5	37,600	60.6	287.6	30,800							115
120	28.8	246.7	43,500 *	42.1	268.2	39,200	48.5	276.2	35,300	57.8	284.6	28,800							120
130	15.8	221.6	38,500 *	34.2	255.1	34,800	41.6	266.0	31,300	51.9	277.3	25,400							130
140				24.2	236.8	31,100	33.7	252.8	27,900	45.5	268.4	22,500	55.0	276.3	17,100				140
150				2.1	191.9	27,600	23.5	234.0	24,900	38.2	257.0	19,900	48.9	268.3	15,000				150
160										29.5	241.7	17,700	42.1	258.3	13,100	51.8	266.1	8,700	160
170										17.2	217.9	15,700	34.3	245.3	11,500	45.3	257.1	7,300	170
180													24.3	227.0	10,000	38.1	245.6	6,100	180
190													2.9	183.5	8,500	29.3	230.2	5,100	190
200																16.8	206.0	4,000	200



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	101,400 *b																50
55	72.3	313.5	97,600 *																55
60	69.9	311.8	93,400 *																60
65	67.6	309.8	88,900 *																65
70	65.1	307.5	84,300 *																70
75	62.7	305.0	79,700 *	70.3	310.7	74,800													75
80	60.2	302.2	75,100 *	68.0	308.8	68,500													80
85	57.6	299.1	70,600 *	65.6	306.5	63,100													85
90	54.9	295.7	65,700 *	63.1	304.1	58,300	67.7	307.0	52,900										90
95	52.1	291.9	60,800 *	60.6	301.3	54,100	65.3	304.8	49,000										95
100	49.3	287.8	56,500 *	58.0	298.3	50,400	62.8	302.3	45,600										100
105	46.3	283.1	52,600 *	55.4	294.9	47,100	60.3	299.5	42,500										105
110	43.1	278.0	49,200 *	52.6	291.2	44,100	57.7	296.5	39,700										110
115	39.7	272.2	46,100 *	49.8	287.1	41,400	55.0	293.1	37,200										115
120	36.1	265.6	43,300 *	46.8	282.6	38,900	52.3	289.3	35,000	60.5	296.3	28,400							120
130	27.6	249.2	38,500 *	40.3	271.9	34,600	46.4	280.6	31,000	55.3	289.9	25,000							130
140	15.2	222.9	34,200 *	32.8	258.1	30,900	39.9	269.7	27,600	49.7	282.0	22,100	58.0	288.4	16,700				140
150				23.2	238.8	27,700	32.3	255.7	24,700	43.6	272.4	19,600	52.6	281.4	14,600				150
160				2.0	192.0	24,700	22.6	236.0	22,100	36.7	260.3	17,400	46.8	272.7	12,800				160
170										28.3	244.3	15,500	40.3	262.0	11,200	49.6	270.8	7,000	170
180										16.5	219.3	13,700	32.8	248.2	9,800	43.4	261.1	5,800	180
190													23.3	229.0	8,500	36.5	248.9	4,800	190
200													2.7	183.7	7,100				200



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	94,000 *b																50
55	73.6	324.0	91,000 *																55
60	71.4	322.4	87,600 *																60
65	69.3	320.6	83,900 *																65
70	67.0	318.5	80,100 *																70
75	64.8	316.2	76,100 *																75
80	62.5	313.7	72,200 *	69.6	319.5	67,900													80
85	60.1	310.9	68,200 *	67.4	317.5	62,400													85
90	57.7	307.8	64,400 *	65.2	315.2	57,700													90
95	55.3	304.4	60,600 *	62.9	312.8	53,500	67.2	315.8	48,300										95
100	52.7	300.7	56,500 *	60.5	310.0	49,800	64.9	313.5	44,800										100
105	50.1	296.7	52,600 *	58.2	307.0	46,500	62.6	311.0	41,800										105
110	47.3	292.2	49,100 *	55.7	303.7	43,500	60.3	308.2	39,000										110
115	44.5	287.3	46,000 *	53.2	300.0	40,800	57.9	305.1	36,500										115
120	41.4	281.8	43,200 *	50.5	296.0	38,300	55.4	301.8	34,300	62.8	307.7	27,600							120
130	34.7	268.8	38,300 *	45.0	286.8	34,000	50.2	294.0	30,300	58.1	301.9	24,300							130
140	26.6	251.5	34,100 *	38.8	275.4	30,300	44.6	284.7	27,000	53.1	294.9	21,400							140
150	14.6	224.1	30,400 *	31.6	260.9	27,200	38.4	273.2	24,100	47.8	286.5	18,900	55.7	293.8	13,800				150
160				22.4	240.8	24,400	31.1	258.5	21,600	41.9	276.3	16,800	50.6	286.1	12,000				160
170				1.9	192.1	21,800	21.7	237.9	19,300	35.3	263.5	14,900	45.0	276.9	10,500	53.0	283.7	6,100	170
180										27.3	246.7	13,200	38.8	265.5	9,000	47.6	275.2	5,000	180
190										15.8	220.6	11,600	31.6	251.1	7,800	41.8	264.9	4,000	190
200													22.4	231.0	6,600				200
210													2.6	183.9	5,400				210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	84,700 *													55
60	72.7	332.9	82,000 *													60
65	70.7	331.2	79,000 *													65
70	68.7	329.3	75,800 *													70
75	66.6	327.2	72,500 *													75
80	64.5	324.9	69,100 *	71.0	330.2	67,200										80
85	62.3	322.3	65,700 *	69.0	328.3	61,800										85
90	60.1	319.5	62,300 *	66.9	326.2	57,000										90
95	57.9	316.5	58,900 *	64.8	323.9	52,900										95
100	55.6	313.1	55,700 *	62.7	321.4	49,100	66.7	324.5	44,200							100
105	53.2	309.5	52,500 *	60.5	318.7	45,800	64.6	322.2	41,100							105
110	50.8	305.5	49,500 *	58.3	315.6	42,800	62.4	319.6	38,400							110
115	48.3	301.2	46,300 *	56.0	312.4	40,200	60.3	316.9	35,900							115
120	45.6	296.4	43,500 *	53.6	308.8	37,700	58.0	313.8	33,600							120
130	40.0	285.4	38,500 *	48.7	300.6	33,400	53.4	306.9	29,700	60.5	313.6	23,600				130
140	33.5	271.8	34,300 *	43.3	290.8	29,800	48.4	298.6	26,400	56.0	307.3	20,700				140
150	25.6	253.8	30,800 *	37.4	278.8	26,600	43.0	288.7	23,500	51.2	299.8	18,300				150
160	14.1	225.3	26,100 *	30.4	263.6	23,900	37.0	276.5	21,000	46.0	290.8	16,100	53.7	298.9	11,300	160
170				21.6	242.7	21,500	30.0	261.2	18,800	40.4	280.0	14,200	48.7	290.7	9,800	170
180				1.8	192.2	19,100	21.0	239.7	16,800	34.0	266.6	12,600	43.4	280.9	8,400	180
190										26.3	249.0	11,100	37.4	268.9	7,100	190
200										15.3	222.0	9,700	30.5	253.8	6,000	200
210													21.6	232.9	5,000	210



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	78,500 *													55
60	73.8	343.4	76,400 *													60
65	71.9	341.8	74,000 *													65
70	70.0	340.1	71,400 *													70
75	68.1	338.1	68,600 *													75
80	66.2	335.9	65,800 *													80
85	64.2	333.6	62,900 *	70.4	339.0	61,100										85
90	62.2	331.0	59,900 *	68.5	337.1	56,400										90
95	60.1	328.2	57,000 *	66.5	335.0	52,200										95
100	58.0	325.1	54,100 *	64.5	332.6	48,500										100
105	55.9	321.8	51,300 *	62.5	330.1	45,200	66.3	333.2	40,400							105
110	53.7	318.2	48,600 *	60.5	327.3	42,200	64.3	330.9	37,700							110
115	51.4	314.4	45,800 *	58.4	324.3	39,500	62.3	328.3	35,200							115
120	49.1	310.1	42,900 *	56.2	321.1	37,100	60.2	325.5	32,900							120
130	44.1	300.5	38,000 *	51.8	313.7	32,800	56.0	319.2	29,000	62.5	325.0	22,800				130
140	38.6	289.0	33,800 *	47.0	305.0	29,200	51.5	311.7	25,700	58.4	319.2	19,900				140
150	32.4	274.7	30,200 *	41.9	294.6	26,100	46.8	302.9	22,800	54.0	312.4	17,500				150
160	24.8	256.0	27,200 *	36.1	282.1	23,400	41.6	292.5	20,400	49.4	304.4	15,400	56.3	311.2	10,500	160
170	13.6	226.5	23,100 *	29.4	266.3	21,000	35.8	279.8	18,200	44.5	294.9	13,500	51.8	303.8	9,000	170
180				20.9	244.5	18,800	29.0	263.7	16,200	39.1	283.5	11,900	47.1	295.1	7,600	180
190				1.7	192.3	16,700	20.3	241.5	14,500	32.9	269.5	10,400	41.9	284.7	6,400	190
200										25.4	251.3	9,100	36.2	272.2	5,300	200
210										14.8	223.2	7,800	29.5	256.4	4,300	210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	71,100 *													60
65	73.0	352.3	69,100 *													65
70	71.3	350.7	67,000 *													70
75	69.5	348.9	64,800 *													75
80	67.7	346.8	62,400 *													80
85	65.8	344.7	60,000 *													85
90	64.0	342.3	57,400 *	69.8	347.8	55,900										90
95	62.1	339.7	54,900 *	68.0	345.8	51,800										95
100	60.1	336.9	52,400 *	66.1	343.7	48,100										100
105	58.1	333.8	49,900 *	64.3	341.3	44,800	67.8	344.1	40,000							105
110	56.1	330.5	47,400 *	62.4	338.8	41,800	65.9	341.9	37,200							110
115	54.1	327.0	45,100 *	60.4	336.0	39,100	64.1	339.6	34,800							115
120	51.9	323.2	42,600 *	58.5	333.0	36,700	62.2	337.0	32,500							120
130	47.5	314.6	37,600 *	54.4	326.2	32,400	58.3	331.1	28,600							130
140	42.7	304.4	33,500 *	50.1	318.4	28,800	54.2	324.3	25,300	60.4	330.9	19,500				140
150	37.4	292.4	29,900 *	45.6	309.2	25,700	49.9	316.4	22,500	56.4	324.7	17,100				150
160	31.4	277.5	26,900 *	40.6	298.3	23,000	45.3	307.1	20,000	52.3	317.4	15,000				160
170	24.0	258.1	24,200 *	35.0	285.2	20,700	40.3	296.2	17,800	47.8	308.9	13,200	54.4	316.4	8,600	170
180	13.2	227.6	20,500 *	28.5	268.8	18,600	34.7	282.9	15,900	43.1	298.9	11,500	50.2	308.5	7,200	180
190				20.2	246.3	16,600	28.1	266.2	14,200	37.8	287.0	10,100	45.6	299.3	6,000	190
200				1.7	192.4	14,800	19.6	243.2	12,600	31.9	272.4	8,800	40.6	288.5	4,900	200
210										24.7	253.4	7,500				210
220										14.3	224.5	6,400				220



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	65,900 *													60
65	74.0	362.8	64,400 *													65
70	72.4	361.2	62,700 *													70
75	70.7	359.5	60,800 *													75
80	69.0	357.6	58,900 *													80
85	67.2	355.6	56,800 *													85
90	65.5	353.4	54,700 *	71.0	358.5	55,300										90
95	63.7	350.9	52,500 *	69.3	356.6	51,100										95
100	61.9	348.3	50,300 *	67.5	354.6	47,400										100
105	60.1	345.5	48,200 *	65.8	352.4	44,100										105
110	58.3	342.5	46,000 *	64.0	350.0	41,200	67.3	352.9	36,500							110
115	56.4	339.2	43,900 *	62.2	347.4	38,500	65.6	350.6	34,100							115
120	54.4	335.7	41,800 *	60.4	344.6	36,100	63.8	348.2	31,900							120
130	50.4	327.9	37,100 *	56.7	338.4	31,800	60.2	342.8	28,000							130
140	46.1	318.8	32,900 *	52.8	331.2	28,200	56.5	336.6	24,700	62.2	342.3	18,800				140
150	41.4	308.2	29,400 *	48.6	322.9	25,100	52.5	329.3	21,800	58.5	336.6	16,400				150
160	36.3	295.7	26,300 *	44.2	313.3	22,400	48.4	320.9	19,400	54.7	329.9	14,300				160
170	30.5	280.2	23,700 *	39.4	301.9	20,100	43.9	311.2	17,200	50.7	322.1	12,500	56.7	328.5	7,800	170
180	23.3	260.2	21,400 *	34.0	288.3	18,000	39.1	299.7	15,300	46.4	313.2	10,900	52.8	321.4	6,500	180
190	12.8	228.7	18,000 *	27.7	271.3	16,100	33.7	285.9	13,600	41.8	302.7	9,400	48.6	313.1	5,300	190
200				19.6	248.0	14,400	27.3	268.7	12,100	36.7	290.3	8,100	44.2	303.4	4,200	200
210				1.6	192.5	12,700	19.1	244.9	10,600	30.9	275.2	6,900				210
220										23.9	255.6	5,800				220
230										13.9	225.7	4,800				230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	59,900 *													65
70	73.3	371.7	58,500 *													70
75	71.7	370.1	57,000 *													75
80	70.1	368.3	55,400 *													80
85	68.5	366.4	53,700 *													85
90	66.9	364.3	51,900 *													90
95	65.2	362.1	50,100 *	70.4	367.3	50,500										95
100	63.5	359.6	48,200 *	68.8	365.4	46,800										100
105	61.8	357.0	46,300 *	67.2	363.3	43,600										105
110	60.1	354.2	44,400 *	65.5	361.1	40,600										110
115	58.3	351.2	42,600 *	63.8	358.7	37,900	67.0	361.6	33,500							115
120	56.6	347.9	40,700 *	62.1	356.1	35,500	65.3	359.3	31,200							120
130	52.8	340.7	37,100 *	58.6	350.3	31,300	61.9	354.3	27,300							130
140	48.9	332.5	32,800 *	55.0	343.7	27,700	58.4	348.5	24,100							140
150	44.8	323.0	29,200 *	51.2	336.1	24,600	54.8	341.8	21,200	60.4	348.2	15,700				150
160	40.3	311.9	26,100 *	47.2	327.3	21,900	51.0	334.1	18,800	56.8	342.0	13,700				160
170	35.3	298.8	23,400 *	42.9	317.2	19,600	47.0	325.3	16,700	53.1	334.9	11,800				170
180	29.6	282.9	21,000 *	38.3	305.4	17,500	42.7	315.1	14,800	49.2	326.8	10,200	55.0	333.8	5,800	180
190	22.7	262.2	18,900 *	33.0	291.3	15,600	38.0	303.2	13,100	45.1	317.4	8,800	51.3	326.2	4,600	190
200	12.5	229.8	15,800 *	26.9	273.7	14,000	32.7	288.9	11,500	40.6	306.4	7,500				200
210				19.1	249.7	12,400	26.6	271.0	10,100	35.7	293.5	6,400				210
220				1.5	192.6	10,900	18.6	246.5	8,900	30.1	277.8	5,300				220
230										23.3	257.6	4,300				230



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	55,400 *										65
70	74.2	382.2	54,200 *										70
75	72.7	380.6	53,100 *										75
80	71.2	379.0	51,700 *										80
85	69.6	377.1	50,400 *										85
90	68.1	375.2	48,900 *										90
95	66.5	373.0	47,400 *										95
100	65.0	370.8	45,800 *	69.9	376.1	46,200							100
105	63.4	368.3	44,200 *	68.4	374.2	42,900							105
110	61.7	365.7	42,600 *	66.8	372.1	40,000							110
115	60.1	362.8	41,000 *	65.2	369.8	37,300							115
120	58.4	359.8	39,400 *	63.6	367.4	34,900	66.6	370.3	30,500				120
130	55.0	353.2	36,200 *	60.4	362.0	30,600	63.5	365.6	26,700				130
140	51.4	345.6	32,300 *	57.0	355.8	27,000	60.2	360.2	23,400				140
150	47.6	336.9	28,600 *	53.5	348.8	24,000	56.8	353.9	20,600	62.0	359.7	15,000	150
160	43.6	327.0	25,500 *	49.8	340.8	21,300	53.3	346.9	18,100	58.7	353.9	12,900	160
170	39.2	315.5	22,800 *	46.0	331.6	19,000	49.6	338.8	16,000	55.3	347.3	11,100	170
180	34.4	301.9	20,500 *	41.8	321.1	16,900	45.7	329.6	14,100	51.7	339.8	9,500	180
190	28.8	285.5	18,400 *	37.3	308.8	15,100	41.5	318.9	12,400	47.9	331.2	8,100	190
200	22.1	264.1	16,300 *	32.2	294.2	13,400	37.0	306.5	10,900	43.9	321.4	6,800	200
210	12.1	230.9	13,700 *	26.2	276.0	11,900	31.9	291.7	9,600	39.5	310.0	5,700	210
220				18.6	251.3	10,500	25.9	273.3	8,300	34.8	296.7	4,600	220
230				1.5	192.6	9,100	18.1	248.1	7,100				230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	69.7	265.3	133,900 *c																40
45	65.3	263.1	126,100 *b																45
50	60.6	260.5	119,100 *b																50
55	55.8	257.2	112,600 *b																55
60	50.6	253.3	106,700 *b	66.8	262.5	104,100 c													60
65	44.9	248.6	101,500 *	62.2	260.0	93,600 b													65
70	38.7	242.8	92,100 *	57.5	257.0	84,800 b	66.8	260.9	77,600 c										70
75	31.3	235.4	83,500 *	52.4	253.3	77,400 b	62.2	258.4	70,800 b										75
80	21.8	224.9	76,300 *	46.9	248.9	71,000	57.4	255.4	64,900 b										80
85				40.9	243.5	65,500	52.3	251.7	59,900 b										85
90				34.0	236.7	60,700	46.9	247.3	55,400										90
95				25.5	227.6	56,400	40.8	241.9	51,500	58.7	252.5	43,200 b							95
100				12.0	211.9	52,400	33.9	235.1	48,000	53.7	249.0	40,300 b							100
105							25.4	225.9	44,800	48.4	244.8	37,600							105
110							11.7	210.1	41,800	42.5	239.7	35,100							110
115										35.9	233.4	32,900	54.7	244.6	26,400 b				115
120										27.9	225.0	30,900	49.4	240.5	24,800				120
130													37.3	229.6	21,800				130
140													19.3	210.1	19,100				140
150																44.2	229.6	14,200	150
																30.4	216.0	12,300	



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	72.4	275.9	129,500 *c																40
45	68.5	274.1	122,300 *b																45
50	64.6	271.8	115,700 *b																50
55	60.5	269.1	109,500 *b																55
60	56.3	265.9	103,900 *b	69.9	273.3	103,400 c													60
65	51.8	262.2	98,800 *	66.0	271.2	92,900 b													65
70	47.0	257.8	93,300 *	62.0	268.7	84,200 b													70
75	41.8	252.5	84,500 *	57.8	265.7	76,800 b	65.9	269.6	70,000 b										75
80	36.0	246.1	77,100 *	53.4	262.1	70,500	61.9	267.1	64,200 b										80
85	29.2	238.0	70,700 *	48.7	257.9	65,000	57.7	264.1	59,200 b										85
90	20.3	226.7	65,200 *	43.7	253.0	60,200	53.3	260.5	54,800										90
95				38.1	247.0	56,000	48.7	256.3	50,900	63.0	264.1	42,400 b							95
100				31.7	239.6	52,200	43.6	251.4	47,400	58.9	261.2	39,500 b							100
105				23.7	229.7	48,800	38.0	245.4	44,300	54.5	257.8	36,800							105
110				11.1	212.8	45,500	31.6	237.9	41,500	50.0	253.8	34,400							110
115							23.6	228.0	38,900	45.0	249.0	32,200							115
120							10.9	210.9	36,400	39.6	243.4	30,300	55.4	253.3	23,900				120
130										26.0	227.3	26,700	46.0	244.9	21,000				130
140													34.7	232.7	18,500	51.3	243.3	13,300	140
150													18.0	211.7	16,200	41.2	233.4	11,600	150
160																28.3	218.5	10,000	160



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	74.4	286.4	125,200 *c																40
45	71.0	284.8	118,600 *b																45
50	67.6	282.8	112,400 *b																50
55	64.1	280.5	106,600 *b																55
60	60.5	277.8	101,200 *																60
65	56.7	274.6	96,400 *	68.8	282.1	92,300 b													65
70	52.8	271.0	90,900 *	65.3	279.9	83,600 b													70
75	48.6	266.8	84,400 *	61.7	277.3	76,200 b													75
80	44.2	261.9	77,200 *	58.0	274.3	70,000	65.3	278.3	63,600 b										80
85	39.3	256.1	70,900 *	54.2	270.9	64,500	61.7	275.7	58,600										85
90	33.9	249.2	65,400 *	50.1	266.9	59,800	58.0	272.7	54,200										90
95	27.5	240.4	60,500 *	45.7	262.2	55,500	54.1	269.3	50,300										95
100	19.1	228.3	56,300 *	41.0	256.8	51,800	50.0	265.2	46,900	62.7	272.7	38,800 b							100
105				35.8	250.3	48,400	45.7	260.6	43,800	59.0	269.8	36,200							105
110				29.8	242.3	45,400	41.0	255.1	41,100	55.2	266.5	33,800							110
115				22.3	231.6	42,600	35.7	248.6	38,500	51.2	262.6	31,600							115
120				10.4	213.7	40,000	29.7	240.6	36,200	46.9	258.2	29,700							120
130							10.2	211.8	32,000	37.2	246.8	26,300	51.9	258.3	20,400				130
140										24.5	229.5	23,300	43.2	248.9	17,900				140
150													32.6	235.6	15,800	48.1	247.8	10,900	150
160													16.9	213.1	13,800	38.7	236.9	9,400	160
170																26.6	220.8	8,100	170



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	296.8	119,000 *c																40
45	73.0	295.3	113,000 *b																45
50	70.0	293.6	107,400 *b																50
55	66.9	291.5	102,100 *b																55
60	63.7	289.2	97,200 *																60
65	60.4	286.4	92,600 *	71.0	292.8	91,600 b													65
70	57.1	283.3	87,800 *	67.9	290.9	82,900 b													70
75	53.5	279.8	81,900 *	64.8	288.6	75,600													75
80	49.9	275.7	76,300 *	61.6	286.0	69,300	67.9	289.3	62,800 b										80
85	45.9	271.1	70,700 *	58.2	283.0	63,900	64.8	287.0	57,800										85
90	41.8	265.7	65,200 *	54.8	279.6	59,100	61.5	284.4	53,500										90
95	37.2	259.5	60,400 *	51.1	275.7	55,000	58.2	281.4	49,600										95
100	32.0	252.0	56,100 *	47.3	271.3	51,200	54.7	278.0	46,200										100
105	26.0	242.7	52,300 *	43.2	266.2	47,900	51.1	274.1	43,200	62.4	281.4	35,300							105
110	18.1	229.9	48,900 *	38.8	260.3	44,900	47.3	269.7	40,400	59.1	278.5	33,000							110
115				33.9	253.3	42,200	43.2	264.6	37,900	55.7	275.2	30,900							115
120				28.2	244.8	39,700	38.7	258.7	35,600	52.1	271.5	28,900							120
130				9.8	214.5	35,100	28.1	243.1	31,600	44.3	262.3	25,500	56.3	270.7	19,500				130
140							9.6	212.6	28,000	35.2	250.0	22,600	49.1	262.9	17,100				140
150										23.2	231.5	20,100	40.8	252.6	15,000				150
160													30.9	238.4	13,200	45.5	252.1	8,600	160
170													16.0	214.5	11,500	36.6	240.3	7,300	170
180																25.2	223.1	6,100	180



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	109,300 *b																45
50	71.9	304.2	104,200 *b																50
55	69.1	302.4	99,300 *b																55
60	66.3	300.3	94,700 *																60
65	63.4	297.8	90,100 *																65
70	60.4	295.1	84,600 *	70.0	301.6	82,200 b													70
75	57.3	292.0	79,300 *	67.2	299.6	74,900													75
80	54.2	288.5	74,200 *	64.4	297.3	68,600													80
85	50.8	284.6	69,300 *	61.4	294.6	63,200	67.2	298.0	57,100										85
90	47.4	280.1	64,800 *	58.4	291.7	58,500	64.3	295.7	52,800										90
95	43.7	275.1	60,600 *	55.3	288.3	54,300	61.4	293.1	48,900										95
100	39.7	269.4	56,600 *	52.0	284.5	50,600	58.4	290.1	45,600										100
105	35.4	262.7	53,000 *	48.6	280.3	47,300	55.2	286.7	42,500										105
110	30.5	254.8	49,700 *	45.0	275.5	44,300	52.0	282.9	39,800	62.2	290.1	32,200							110
115	24.7	244.9	46,900 *	41.1	270.0	41,600	48.5	278.7	37,300	59.2	287.2	30,100							115
120	17.2	231.4	44,100 *	36.9	263.7	39,200	44.9	273.9	35,000	56.1	283.9	28,200							120
130				26.8	247.1	34,800	36.8	262.0	31,100	49.5	276.1	24,900							130
140				9.4	215.3	30,900	26.8	245.5	27,700	42.1	266.2	22,000	53.5	275.8	16,400				140
150							9.2	213.3	24,600	33.5	253.0	19,500	46.6	267.3	14,300				150
160										22.0	233.4	17,300	38.8	256.2	12,600	50.4	265.7	7,800	160
170													29.4	241.0	11,000	43.2	256.1	6,600	170
180													15.2	215.8	9,500	34.8	243.4	5,500	180
190																24.0	225.2	4,400	190



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	103,000 *b																45
50	73.4	314.7	99,100 *b																50
55	70.9	313.1	94,900 *																55
60	68.4	311.2	90,400 *																60
65	65.8	309.0	85,800 *																65
70	63.1	306.5	81,100 *																70
75	60.4	303.8	76,400 *	69.2	310.4	74,200													75
80	57.6	300.7	71,800 *	66.7	308.3	68,000													80
85	54.7	297.2	67,400 *	64.0	306.0	62,600													85
90	51.7	293.4	63,200 *	61.3	303.3	57,800	66.6	306.7	52,000										90
95	48.5	289.1	59,300 *	58.5	300.3	53,700	64.0	304.4	48,200										95
100	45.2	284.3	55,600 *	55.7	297.0	50,000	61.3	301.7	44,800										100
105	41.7	279.0	52,100 *	52.7	293.3	46,700	58.5	298.7	41,800										105
110	37.9	272.8	48,900 *	49.6	289.2	43,700	55.6	295.4	39,100										110
115	33.8	265.7	46,000 *	46.4	284.6	41,000	52.7	291.7	36,600	62.0	298.7	29,300							115
120	29.1	257.4	43,300 *	42.9	279.4	38,600	49.6	287.6	34,400	59.3	295.8	27,400							120
130	16.4	232.8	38,800 *	35.2	266.9	34,300	42.9	277.8	30,500	53.5	289.0	24,100							130
140				25.6	249.4	30,600	35.2	265.2	27,100	47.2	280.6	21,300	57.0	288.1	15,500				140
150				8.9	216.0	27,300	25.6	247.7	24,200	40.2	269.9	18,800	51.0	280.7	13,500				150
160							8.7	214.1	21,500	32.0	255.8	16,700	44.5	271.4	11,800				160
170										21.1	235.3	14,800	37.1	259.6	10,200	48.1	270.2	5,700	170
180													28.1	243.5	8,800	41.3	259.9	4,700	180
190													14.5	217.0	7,500				190



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	92,600 *b													50
55	72.4	323.6	89,100 *													55
60	70.1	321.9	85,400 *													60
65	67.7	319.9	81,500 *													65
70	65.3	317.7	77,500 *													70
75	62.9	315.2	73,400 *	70.9	321.1	73,800										75
80	60.3	312.4	69,400 *	68.5	319.2	67,600										80
85	57.8	309.3	65,400 *	66.1	317.0	62,200										85
90	55.1	306.0	61,600 *	63.7	314.6	57,500										90
95	52.3	302.2	58,000 *	61.2	312.0	53,300	66.1	315.5	47,800							95
100	49.5	298.1	54,500 *	58.6	309.0	49,700	63.7	313.0	44,400							100
105	46.5	293.5	51,300 *	56.0	305.7	46,400	61.2	310.4	41,400							105
110	43.3	288.3	48,200 *	53.3	302.1	43,400	58.6	307.4	38,700							110
115	40.0	282.6	45,400 *	50.5	298.1	40,700	56.0	304.1	36,300							115
120	36.4	276.1	42,800 *	47.5	293.7	38,300	53.3	300.5	34,100	61.9	307.4	27,000				120
130	27.9	259.8	38,100 *	41.1	283.2	34,000	47.5	292.1	30,200	56.7	301.3	23,700				130
140	15.8	234.2	34,400 *	33.8	269.9	30,400	41.1	281.6	26,800	51.2	293.9	20,900				140
150				24.6	251.6	27,200	33.8	268.3	24,000	45.2	284.8	18,500	54.5	293.3	13,200	150
160				8.6	216.7	24,400	24.5	249.9	21,500	38.6	273.4	16,400	48.9	285.3	11,400	160
170							8.4	214.7	19,100	30.7	258.6	14,600	42.6	275.3	9,900	170
180										20.2	237.0	12,900	35.6	262.8	8,600	180
190													26.9	245.9	7,300	190
200													13.9	218.2	6,200	200



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	86,100 *b													50
55	73.7	334.1	83,300 *													55
60	71.6	332.5	80,300 *													60
65	69.4	330.7	77,000 *													65
70	67.2	328.6	73,600 *													70
75	64.9	326.4	70,200 *													75
80	62.7	323.9	66,700 *	70.2	329.9	66,900										80
85	60.3	321.1	63,200 *	68.0	327.9	61,500										85
90	57.9	318.0	59,800 *	65.7	325.7	56,800										90
95	55.5	314.7	56,500 *	63.4	323.3	52,700	67.9	326.4	47,100							95
100	52.9	311.0	53,300 *	61.1	320.6	49,000	65.7	324.2	43,700							100
105	50.3	307.0	50,300 *	58.7	317.7	45,700	63.4	321.7	40,700							105
110	47.5	302.5	47,400 *	56.3	314.4	42,800	61.1	319.0	38,000							110
115	44.7	297.6	44,700 *	53.8	310.9	40,100	58.7	316.1	35,600							115
120	41.7	292.2	42,200 *	51.2	306.9	37,700	56.3	312.8	33,400							120
130	35.0	279.3	37,600 *	45.7	297.9	33,400	51.2	305.3	29,500	59.4	313.2	23,000				130
140	26.9	262.2	33,800 *	39.6	286.8	29,800	45.6	296.3	26,200	54.4	306.5	20,200				140
150	15.2	235.5	30,700 *	32.5	272.8	26,700	39.5	285.2	23,400	49.2	298.5	17,800	57.4	305.5	12,300	150
160				23.7	253.7	24,000	32.5	271.2	20,900	43.5	288.8	15,700	52.4	298.3	10,600	160
170				8.2	217.4	21,400	23.6	252.0	18,700	37.1	276.8	13,900	47.0	289.6	9,200	170
180							8.0	215.4	16,600	29.5	261.2	12,300	41.0	279.1	7,800	180
190										19.4	238.7	10,800	34.2	265.9	6,600	190
200													25.9	248.2	5,500	200
210													13.4	219.4	4,500	210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	77,800 *													55
60	72.9	343.0	75,300 *													60
65	70.8	341.4	72,700 *													65
70	68.8	339.5	69,800 *													70
75	66.7	337.4	66,900 *													75
80	64.6	335.1	63,900 *													80
85	62.5	332.5	60,800 *	69.5	338.7	60,900										85
90	60.3	329.7	57,800 *	67.4	336.7	56,200										90
95	58.1	326.7	54,900 *	65.3	334.4	52,000										95
100	55.8	323.4	52,000 *	63.2	332.0	48,400	67.4	335.1	43,000							100
105	53.4	319.8	49,200 *	61.0	329.3	45,100	65.3	332.9	40,000							105
110	51.0	315.8	46,600 *	58.8	326.3	42,200	63.2	330.4	37,300							110
115	48.4	311.5	44,000 *	56.6	323.1	39,500	61.0	327.7	34,900							115
120	45.8	306.8	41,600 *	54.2	319.6	37,100	58.8	324.7	32,700							120
130	40.2	295.9	37,300 *	49.3	311.6	32,800	54.2	318.0	28,800	61.6	324.7	22,200				130
140	33.7	282.3	33,500 *	44.0	302.0	29,300	49.3	310.0	25,600	57.1	318.7	19,500				140
150	25.9	264.5	30,300 *	38.2	290.3	26,200	44.0	300.4	22,800	52.4	311.5	17,100				150
160	14.6	236.7	26,500 *	31.4	275.6	23,500	38.1	288.7	20,300	47.4	302.9	15,100	55.3	310.8	9,900	160
170				22.8	255.7	21,100	31.3	274.0	18,100	41.9	292.6	13,300	50.5	303.1	8,500	170
180				7.9	218.0	18,800	22.8	254.0	16,200	35.8	280.0	11,700	45.3	293.8	7,100	180
190							7.8	216.1	14,400	28.5	263.8	10,200	39.5	282.7	6,000	190
200										18.8	240.4	8,900	33.0	268.8	4,900	200



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	72,400 *													55
60	74.0	353.5	70,400 *													60
65	72.1	351.9	68,200 *													65
70	70.2	350.2	65,800 *													70
75	68.3	348.2	63,400 *													75
80	66.3	346.1	60,800 *													80
85	64.3	343.7	58,200 *	70.8	349.4	60,200										85
90	62.3	341.2	55,600 *	68.9	347.5	55,500										90
95	60.3	338.4	53,000 *	67.0	345.4	51,400										95
100	58.2	335.4	50,400 *	65.0	343.1	47,700										100
105	56.0	332.1	47,900 *	63.0	340.7	44,500	67.0	343.8	39,300							105
110	53.8	328.5	45,500 *	61.0	337.9	41,500	65.0	341.6	36,600							110
115	51.6	324.6	43,100 *	58.9	335.0	38,900	63.0	339.1	34,200							115
120	49.2	320.4	40,900 *	56.8	331.8	36,500	61.0	336.4	32,000							120
130	44.3	310.9	36,800 *	52.4	324.6	32,200	56.8	330.2	28,200							130
140	38.8	299.4	33,100 *	47.6	316.0	28,700	52.3	323.0	24,900	59.4	330.5	18,700				140
150	32.6	285.3	29,900 *	42.5	305.9	25,600	47.6	314.4	22,100	55.2	323.9	16,400				150
160	25.1	266.8	27,300 *	36.9	293.7	22,900	42.5	304.3	19,700	50.6	316.3	14,300	57.7	322.8	9,100	160
170	14.2	238.0	23,400 *	30.3	278.4	20,500	36.9	292.0	17,500	45.8	307.2	12,600	53.4	315.8	7,600	170
180				22.1	257.6	18,400	30.3	276.7	15,600	40.5	296.3	11,000	48.7	307.6	6,400	180
190				7.7	218.7	16,400	22.0	255.9	13,900	34.6	283.1	9,500	43.7	297.9	5,200	190
200							7.5	216.7	12,200	27.6	266.2	8,200	38.2	286.2	4,200	200
210										18.1	241.9	7,000				210



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	65,700 *													60
65	73.2	362.4	63,900 *													65
70	71.4	360.8	62,000 *													70
75	69.6	359.0	59,900 *													75
80	67.8	357.0	57,800 *													80
85	66.0	354.8	55,500 *													85
90	64.1	352.4	53,300 *	70.2	358.2	55,100										90
95	62.2	349.9	51,000 *	68.4	356.3	51,000										95
100	60.3	347.1	48,700 *	66.6	354.1	47,300										100
105	58.3	344.0	46,500 *	64.7	351.8	44,000										105
110	56.3	340.8	44,300 *	62.8	349.3	41,100	66.6	352.6	36,200							110
115	54.2	337.2	42,200 *	60.9	346.6	38,500	64.7	350.3	33,800							115
120	52.1	333.4	40,100 *	59.0	343.7	36,100	62.8	347.7	31,600							120
130	47.7	324.9	36,300 *	54.9	337.0	31,800	58.9	342.1	27,800							130
140	42.9	314.8	32,800 *	50.7	329.3	28,300	54.9	335.4	24,500	61.4	342.0	18,300				140
150	37.6	302.8	29,700 *	46.1	320.3	25,200	50.6	327.7	21,700	57.5	336.0	16,000				150
160	31.6	288.1	27,000 *	41.2	309.7	22,600	46.1	318.7	19,300	53.4	329.0	14,000				160
170	24.3	268.9	24,300 *	35.7	296.9	20,200	41.2	308.1	17,200	49.0	320.9	12,200	55.9	328.2	7,200	170
180	13.7	239.1	20,800 *	29.4	281.0	18,200	35.7	295.3	15,300	44.4	311.3	10,600	51.6	320.7	6,000	180
190				21.4	259.5	16,300	29.4	279.3	13,600	39.3	299.9	9,200	47.2	312.0	4,800	190
200				7.4	219.3	14,500	21.4	257.8	12,100	33.5	286.1	7,900				200
210							7.3	217.3	10,600	26.7	268.6	6,800				210
220										17.6	243.5	5,700				220



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	61,100 *													60
65	74.1	372.9	59,700 *													65
70	72.5	371.3	58,100 *													70
75	70.8	369.6	56,400 *													75
80	69.1	367.8	54,600 *													80
85	67.4	365.7	52,700 *													85
90	65.6	363.5	50,800 *													90
95	63.9	361.1	48,800 *	69.7	367.0	50,300										95
100	62.1	358.5	46,800 *	68.0	365.0	46,700										100
105	60.2	355.7	44,800 *	66.2	362.9	43,400										105
110	58.4	352.7	42,900 *	64.5	360.5	40,500	67.9	363.4	35,500							110
115	56.5	349.5	41,000 *	62.7	358.0	37,800	66.2	361.3	33,100							115
120	54.5	346.0	39,100 *	60.9	355.3	35,400	64.4	358.9	30,900							120
130	50.5	338.2	35,600 *	57.1	349.2	31,200	60.9	353.7	27,100							130
140	46.2	329.2	32,300 *	53.2	342.1	27,700	57.1	347.6	23,800							140
150	41.6	318.6	29,400 *	49.1	333.9	24,600	53.2	340.5	21,100	59.5	347.8	15,200				150
160	36.5	306.1	26,700 *	44.7	324.5	22,000	49.1	332.3	18,700	55.7	341.4	13,200				160
170	30.7	290.8	24,000 *	40.0	313.3	19,700	44.7	322.8	16,600	51.7	333.9	11,500	58.0	340.2	6,400	170
180	23.6	271.0	21,600 *	34.7	300.0	17,600	40.0	311.7	14,700	47.5	325.3	9,900	54.1	333.3	5,200	180
190	13.3	240.3	18,400 *	28.5	283.5	15,700	34.7	298.4	13,000	43.0	315.2	8,500	50.1	325.4	4,100	190
200				20.8	261.3	14,100	28.5	281.9	11,500	38.1	303.4	7,300				200
210				7.2	219.9	12,500	20.7	259.6	10,100	32.5	289.1	6,100				210
220							7.0	217.9	8,800	25.9	270.9	5,100				220
230										17.1	244.9	4,100				230



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	55,500 *										65
70	73.4	381.8	54,200 *										70
75	71.8	380.2	52,900 *										75
80	70.2	378.5	51,400 *										80
85	68.6	376.5	49,800 *										85
90	67.0	374.5	48,200 *										90
95	65.3	372.2	46,600 *	70.8	377.7	49,700							95
100	63.7	369.8	44,900 *	69.2	375.8	46,100							100
105	62.0	367.2	43,200 *	67.6	373.8	42,800							105
110	60.2	364.4	41,400 *	65.9	371.6	39,900							110
115	58.5	361.4	39,800 *	64.2	369.2	37,200	67.5	372.2	32,400				115
120	56.7	358.1	38,100 *	62.5	366.7	34,800	65.9	370.0	30,300				120
130	53.0	351.0	34,900 *	59.1	361.0	30,700	62.5	365.1	26,500				130
140	49.1	342.8	31,800 *	55.5	354.5	27,100	59.1	359.4	23,200				140
150	44.9	333.3	29,100 *	51.7	347.0	24,100	55.5	352.9	20,500	61.3	359.4	14,600	150
160	40.4	322.3	26,200 *	47.7	338.4	21,400	51.7	345.4	18,100	57.8	353.4	12,600	160
170	35.5	309.3	23,500 *	43.5	328.5	19,100	47.7	336.8	16,000	54.1	346.5	10,800	170
180	29.8	293.5	21,100 *	38.9	316.9	17,100	43.5	326.9	14,100	50.3	338.6	9,300	180
190	23.0	273.0	19,000 *	33.7	303.1	15,200	38.8	315.3	12,500	46.2	329.6	7,900	190
200	12.9	241.4	16,100 *	27.8	286.0	13,600	33.7	301.4	11,000	41.8	319.1	6,700	200
210				20.2	263.1	12,100	27.7	284.3	9,600	37.0	306.8	5,500	210
220				7.0	220.5	10,600	20.2	261.4	8,400	31.6	291.9	4,500	220
230							6.8	218.4	7,100				230



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	51,600 *										65
70	74.3	392.3	50,500 *										70
75	72.8	390.7	49,400 *										75
80	71.3	389.1	48,200 *										80
85	69.7	387.3	46,900 *										85
90	68.2	385.3	45,500 *										90
95	66.6	383.2	44,100 *										95
100	65.1	380.9	42,700 *	70.3	386.5	45,400							100
105	63.5	378.5	41,200 *	68.7	384.6	42,100							105
110	61.9	375.8	39,800 *	67.2	382.5	39,200							110
115	60.2	373.0	38,300 *	65.6	380.3	36,600							115
120	58.5	370.0	36,800 *	64.0	377.9	34,200	67.2	380.9	29,600				120
130	55.1	363.4	33,900 *	60.8	372.6	30,000	64.0	376.3	25,800				130
140	51.5	355.9	31,100 *	57.4	366.5	26,500	60.8	371.0	22,600				140
150	47.7	347.2	28,600 *	53.9	359.6	23,500	57.4	364.9	19,800	62.8	370.7	13,800	150
160	43.7	337.4	25,600 *	50.3	351.7	20,800	53.9	358.0	17,400	59.6	365.1	11,800	160
170	39.4	325.9	22,900 *	46.4	342.7	18,500	50.3	350.1	15,300	56.2	358.8	10,100	170
180	34.6	312.5	20,600 *	42.3	332.4	16,500	46.4	341.1	13,500	52.6	351.5	8,600	180
190	29.1	296.1	18,500 *	37.8	320.3	14,700	42.3	330.7	11,900	48.9	343.2	7,200	190
200	22.4	275.0	16,400 *	32.8	306.0	13,000	37.8	318.7	10,400	45.0	333.7	6,000	200
210	12.6	242.5	13,900 *	27.0	288.4	11,500	32.8	304.4	9,000	40.7	322.8	4,900	210
220				19.7	264.8	10,200	27.0	286.7	7,800				220
230				6.8	221.0	8,800	19.6	263.1	6,700				230
240							6.7	219.0	5,500				240



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	70.0	275.4	131,600 *c																40
45	65.6	273.3	124,300 *b																45
50	61.0	270.7	117,500 *b																50
55	56.1	267.5	111,400 *b																55
60	50.9	263.6	105,700 *b	67.9	273.0	102,900 c													60
65	45.4	259.0	100,600 *	63.4	270.6	92,500 b													65
70	39.1	253.3	93,000 *	58.6	267.7	83,800 b													70
75	31.9	246.0	84,700 *	53.7	264.2	76,500 b	63.8	269.2	69,300 b										75
80	22.6	235.8	77,300 *	48.3	260.0	70,200	59.1	266.3	63,600 b										80
85				42.4	254.9	64,700	54.1	262.9	58,600 b										85
90				35.8	248.5	60,000	48.8	258.8	54,300										90
95				27.8	240.1	55,700	43.0	253.8	50,400	61.2	263.7	41,500 b							95
100				16.4	227.1	51,800	36.5	247.5	47,000	56.3	260.6	38,600 b							100
105							28.6	239.3	43,900	51.2	256.8	36,000 b							105
110							17.7	227.0	41,000	45.6	252.2	33,700							110
115										39.5	246.5	31,500							115
120										32.3	239.3	29,600	53.1	252.8	22,900 b				120
130										4.8	207.5	25,800	41.8	243.3	20,100				130
140													26.8	228.0	17,600				140
150																49.1	242.8	12,200	150
160																36.8	231.6	10,600	160
																18.4	211.6	9,000	



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	72.6	286.1	127,100 *c																40
45	68.8	284.2	120,300 *b																45
50	64.9	282.0	114,000 *b																50
55	60.8	279.3	108,100 *b																55
60	56.6	276.2	102,700 *b	70.8	283.7	102,200 c													60
65	52.1	272.5	96,800 *	66.9	281.7	91,800 b													65
70	47.4	268.1	89,800 *	63.0	279.2	83,100 b													70
75	42.2	262.9	83,300 *	58.8	276.4	75,800 b	67.3	280.3	68,500 b										75
80	36.5	256.6	77,300 *	54.5	272.9	69,600	63.3	277.9	62,800 b										80
85	29.7	248.6	71,100 *	49.9	268.9	64,200	59.2	275.0	57,900 b										85
90	21.1	237.7	65,600 *	45.0	264.2	59,500	54.9	271.7	53,600										90
95				39.5	258.5	55,300	50.3	267.7	49,800										95
100				33.4	251.5	51,500	45.4	263.0	46,400	61.0	272.4	37,800 b							100
105				25.9	242.4	48,100	40.1	257.4	43,300	56.8	269.3	35,200							105
110				15.2	228.4	45,000	34.0	250.6	40,600	52.4	265.6	32,900							110
115							26.7	241.7	38,000	47.6	261.3	30,800							115
120							16.5	228.5	35,700	42.5	256.1	28,900							120
130										30.1	242.0	25,500	49.4	257.5	19,300				130
140										4.4	207.8	22,300	38.9	246.8	16,900				140
150													25.0	230.2	14,900	45.7	247.1	9,700	150
160																34.3	234.8	8,300	160
170																17.2	213.1	7,000	170



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	74.6	296.5	122,700 *c																40
45	71.3	294.9	116,500 *b																45
50	67.9	293.0	110,600 *b																50
55	64.4	290.7	105,100 *b																55
60	60.7	288.0	99,900 *																60
65	57.0	284.9	93,200 *	69.6	292.5	91,200 b													65
70	53.1	281.3	86,900 *	66.2	290.4	82,500 b													70
75	48.9	277.1	80,900 *	62.6	287.9	75,300 b													75
80	44.5	272.2	75,300 *	58.9	285.0	69,100	66.5	289.0	62,200 b										80
85	39.7	266.5	70,100 *	55.1	281.7	63,700	63.0	286.5	57,300 b										85
90	34.3	259.7	65,300 *	51.1	277.8	59,000	59.3	283.7	53,000										90
95	27.9	251.1	60,900 *	46.8	273.3	54,800	55.5	280.4	49,200										95
100	19.8	239.4	56,600 *	42.2	268.1	51,100	51.5	276.6	45,800										100
105				37.1	261.9	47,800	47.2	272.1	42,800	60.9	281.0	34,500							105
110				31.4	254.3	44,800	42.7	267.0	40,100	57.2	278.0	32,300							110
115				24.3	244.5	42,000	37.6	260.9	37,600	53.3	274.4	30,200							115
120				14.3	229.6	39,500	31.9	253.5	35,400	49.1	270.2	28,300							120
130							15.5	229.8	31,300	39.9	259.8	25,000	54.7	270.3	18,600				130
140										28.3	244.5	22,100	46.3	261.8	16,300				140
150										4.1	208.1	19,400	36.5	250.2	14,300	51.7	260.6	9,100	150
160													23.5	232.2	12,500	42.9	251.1	7,700	160
170																32.2	237.7	6,500	170
180																16.1	214.5	5,300	180



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	110,900 *b																45
50	70.2	303.7	105,600 *b																50
55	67.1	301.7	100,600 *b																55
60	63.9	299.3	95,300 *																60
65	60.7	296.6	89,500 *																65
70	57.3	293.5	83,900 *	68.7	301.3	81,800 b													70
75	53.8	290.0	78,400 *	65.6	299.1	74,600													75
80	50.1	286.0	73,200 *	62.4	296.6	68,400													80
85	46.2	281.4	68,400 *	59.1	293.7	63,000	65.9	297.7	56,500										85
90	42.1	276.1	63,800 *	55.6	290.4	58,300	62.7	295.2	52,200										90
95	37.5	270.0	59,700 *	52.0	286.6	54,200	59.4	292.3	48,500										95
100	32.4	262.6	55,900 *	48.3	282.4	50,500	55.9	289.1	45,100										100
105	26.4	253.5	52,400 *	44.3	277.4	47,200	52.4	285.4	42,100										105
110	18.7	241.0	49,200 *	39.9	271.8	44,300	48.6	281.1	39,400	60.8	289.7	31,400							110
115				35.1	265.1	41,600	44.6	276.3	37,000	57.5	286.6	29,400							115
120				29.7	257.0	39,100	40.3	270.7	34,800	54.0	283.1	27,500							120
130				13.5	230.7	34,600	30.2	256.2	30,800	46.4	274.6	24,300							130
140							14.7	231.0	27,400	37.7	263.2	21,500	51.6	275.2	15,500				140
150										26.8	246.9	19,000	43.8	265.9	13,600				150
160										3.8	208.4	16,700	34.6	253.3	11,800	48.8	265.2	6,800	160
170													22.2	234.2	10,300	40.6	254.8	5,700	170
180																30.5	240.4	4,600	180



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	104,700 *b													45
50	72.1	314.3	100,400 *b													50
55	69.3	312.5	95,600 *b													55
60	66.5	310.4	90,700 *													60
65	63.6	308.0	85,700 *													65
70	60.6	305.3	80,700 *	70.7	312.0	81,100 b										70
75	57.6	302.2	75,800 *	67.9	310.0	73,900										75
80	54.4	298.8	71,100 *	65.1	307.8	67,700										80
85	51.1	294.9	66,600 *	62.2	305.2	62,400										85
90	47.6	290.5	62,300 *	59.1	302.4	57,700	65.3	306.4	51,500							90
95	43.9	285.5	58,400 *	56.0	299.1	53,600	62.4	303.9	47,800							95
100	40.0	279.8	54,700 *	52.8	295.4	49,900	59.4	301.0	44,400							100
105	35.7	273.2	51,300 *	49.4	291.3	46,600	56.3	297.8	41,500							105
110	30.8	265.4	48,300 *	45.9	286.6	43,700	53.1	294.1	38,800							110
115	25.2	255.7	45,500 *	42.1	281.3	41,000	49.7	290.1	36,400	60.8	298.4	28,600				115
120	17.8	242.5	43,200 *	38.0	275.2	38,600	46.2	285.5	34,200	57.7	295.3	26,800				120
130				28.2	259.5	34,300	38.4	274.2	30,300	51.2	288.0	23,600				130
140				12.9	231.8	30,500	28.7	258.7	26,900	44.1	278.7	20,800	55.7	287.7	14,700	140
150							14.0	232.2	24,000	35.9	266.5	18,400	49.0	279.8	12,800	150
160										25.5	249.2	16,300	41.6	269.7	11,200	160
170										3.6	208.6	14,300	32.9	256.2	9,700	170
180													21.1	236.0	8,300	180



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	94,000 *b													50
55	71.1	323.2	90,100 *													55
60	68.5	321.3	85,900 *													60
65	65.9	319.1	81,600 *													65
70	63.3	316.7	77,300 *													70
75	60.6	314.0	73,000 *	69.9	320.8	73,200										75
80	57.8	310.9	68,700 *	67.3	318.8	67,000										80
85	54.9	307.5	64,600 *	64.7	316.5	61,700										85
90	51.9	303.7	60,700 *	62.0	313.9	57,000	67.5	317.3	50,700							90
95	48.7	299.4	57,100 *	59.2	311.0	52,900	64.9	315.1	47,000							95
100	45.4	294.7	53,600 *	56.4	307.8	49,300	62.2	312.5	43,700							100
105	42.0	289.3	50,400 *	53.4	304.2	46,000	59.5	309.7	40,700							105
110	38.2	283.3	47,400 *	50.4	300.2	43,100	56.6	306.5	38,100							110
115	34.1	276.3	44,600 *	47.2	295.7	40,400	53.7	302.9	35,700							115
120	29.5	268.0	42,100 *	43.8	290.7	38,000	50.7	298.9	33,500	60.7	307.0	26,000				120
130	17.0	244.0	37,900 *	36.3	278.5	33,700	44.1	289.5	29,600	55.0	300.6	22,800				130
140				27.0	261.9	30,100	36.6	277.5	26,300	48.9	292.6	20,100				140
150				12.3	232.8	26,900	27.5	261.2	23,500	42.1	282.6	17,700	53.1	292.8	12,000	150
160							13.3	233.4	20,900	34.3	269.6	15,700	46.8	284.2	10,400	160
170										24.3	251.3	13,800	39.8	273.4	8,900	170
180										3.4	208.8	12,000	31.4	259.1	7,600	180
190													20.2	237.8	6,400	190



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	87,900 *b													50
55	72.6	333.7	84,700 *													55
60	70.3	332.0	81,300 *													60
65	67.9	330.0	77,600 *													65
70	65.5	327.8	73,900 *													70
75	63.0	325.4	70,100 *													75
80	60.5	322.6	66,400 *	69.1	329.6	66,600										80
85	57.9	319.6	62,700 *	66.7	327.5	61,300										85
90	55.3	316.2	59,100 *	64.3	325.2	56,700										90
95	52.5	312.5	55,700 *	61.8	322.6	52,600	67.0	326.1	46,600							95
100	49.7	308.4	52,500 *	59.3	319.7	48,900	64.5	323.8	43,300							100
105	46.7	303.8	49,400 *	56.7	316.5	45,700	62.1	321.2	40,400							105
110	43.6	298.7	46,600 *	54.0	312.9	42,800	59.5	318.3	37,700							110
115	40.2	293.0	43,900 *	51.2	309.0	40,100	56.9	315.2	35,300							115
120	36.6	286.6	41,400 *	48.2	304.7	37,700	54.2	311.7	33,100							120
130	28.3	270.5	37,100 *	42.0	294.5	33,500	48.5	303.5	29,300	58.1	312.7	22,400				130
140	16.3	245.4	33,600 *	34.8	281.7	29,900	42.3	293.4	26,100	52.7	305.6	19,700				140
150				25.9	264.2	26,800	35.1	280.7	23,300	46.8	297.0	17,400	56.4	305.1	11,600	150
160				11.8	233.8	24,000	26.3	263.5	20,800	40.4	286.3	15,400	50.9	297.6	10,000	160
170							12.8	234.4	18,600	32.9	272.5	13,600	44.9	288.4	8,600	170
180										23.3	253.4	12,000	38.1	276.8	7,300	180
190										3.2	209.1	10,300	30.1	261.8	6,200	190
200													19.4	239.5	5,100	200



Liftcrane Luffing Jib Capacities

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 Lb. Counterweight
 360 Degree Rating

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

2250 SERIES 1

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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	81,900 *b													50
55	73.9	344.2	79,300 *													55
60	71.7	342.6	76,500 *													60
65	69.6	340.8	73,400 *													65
70	67.3	338.8	70,300 *													70
75	65.1	336.5	67,000 *													75
80	62.8	334.0	63,800 *	70.7	340.3	65,900										80
85	60.5	331.3	60,500 *	68.5	338.4	60,600										85
90	58.1	328.2	57,300 *	66.3	336.2	56,000										90
95	55.6	324.9	54,300 *	64.0	333.9	51,900										95
100	53.1	321.3	51,300 *	61.7	331.2	48,300	66.5	334.8	42,600							100
105	50.5	317.2	48,500 *	59.3	328.3	45,000	64.2	332.4	39,600							105
110	47.7	312.8	45,800 *	56.9	325.2	42,100	61.9	329.8	37,000							110
115	44.9	308.0	43,200 *	54.4	321.7	39,500	59.5	327.0	34,600							115
120	41.9	302.6	40,900 *	51.8	317.9	37,100	57.1	323.8	32,400							120
130	35.2	289.8	36,600 *	46.4	309.0	32,900	52.1	316.6	28,600	60.6	324.3	21,600				130
140	27.2	272.9	32,900 *	40.4	298.2	29,300	46.6	307.8	25,400	55.7	318.0	18,900				140
150	15.7	246.8	30,000 *	33.4	284.7	26,200	40.6	297.2	22,600	50.6	310.4	16,700				150
160				24.9	266.4	23,500	33.8	283.7	20,200	45.0	301.1	14,700	54.1	310.3	9,200	160
170				11.3	234.8	21,100	25.4	265.7	18,100	38.8	289.8	12,900	48.9	302.2	7,800	170
180							12.3	235.5	16,100	31.6	275.4	11,300	43.1	292.4	6,500	180
190										22.5	255.3	9,900	36.7	280.2	5,400	190
200										3.1	209.3	8,400	29.0	264.3	4,400	200



Liftcrane Luffing Jib Capacities

2250 SERIES 1

New York City Code
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 169,200 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	74,100 *													55
60	73.0	353.1	71,800 *													60
65	71.0	351.5	69,300 *													65
70	68.9	349.6	66,600 *													70
75	66.9	347.5	63,900 *													75
80	64.8	345.2	61,100 *													80
85	62.6	342.7	58,200 *	70.0	349.1	60,000										85
90	60.4	339.9	55,400 *	67.9	347.1	55,300										90
95	58.2	336.9	52,600 *	65.9	344.9	51,300										95
100	55.9	333.6	49,900 *	63.7	342.5	47,600										100
105	53.6	330.0	47,300 *	61.6	339.9	44,400	66.1	343.5	38,900							105
110	51.1	326.1	44,800 *	59.4	337.0	41,500	63.9	341.1	36,300							110
115	48.6	321.8	42,400 *	57.1	333.8	38,900	61.8	338.5	33,900							115
120	46.0	317.1	40,200 *	54.8	330.4	36,500	59.6	335.6	31,800							120
130	40.4	306.3	36,100 *	49.9	322.6	32,300	55.0	329.1	28,000	62.7	335.8	20,900				130
140	34.0	292.8	32,500 *	44.7	313.2	28,700	50.2	321.3	24,800	58.3	330.0	18,200				140
150	26.2	275.3	29,500 *	38.9	301.8	25,700	45.0	312.0	22,000	53.7	323.1	16,000				150
160	15.2	248.1	26,800 *	32.3	287.6	23,000	39.2	300.7	19,600	48.8	314.9	14,000	56.9	322.5	8,400	160
170				24.0	268.5	20,700	32.6	286.7	17,500	43.4	305.2	12,300	52.1	315.2	7,100	170
180				10.9	235.7	18,500	24.5	267.9	15,600	37.5	293.2	10,700	47.1	306.6	5,900	180
190							11.9	236.5	13,800	30.5	278.1	9,300	41.6	296.2	4,800	190
200										21.7	257.2	8,000				200
210										3.0	209.5	6,700				210