

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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. and 210 Ft. boom lengths require only the middle 3 sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up 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, 249,200 Lb. crane counterweight, two 30,000 Lb. and four 15,000 Lb. carbody counterweights.

Consult chart **No. 8136-A** for lifting off lower boom point with luffing jib attached.



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2250 SERIES 3

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	182,700 *b																45
50	56.9	148.1	134,400 *b	63.7	151.7	164,200 *b	67.6	153.0	178,900 *b													50
55	51.8	144.4	117,700 *	59.0	148.8	143,000 *b	63.0	150.6	161,300 *b													55
60	46.3	139.9	104,500 *	54.0	145.4	124,400 *	58.3	147.6	139,900 *b													60
65	40.2	134.4	93,800 *	48.7	141.2	109,900 *	53.3	144.1	122,000 *	60.2	147.2	148,500 *b										65
70	33.2	127.4	85,000 *	42.9	136.2	98,200 *	47.9	139.8	108,000 *	55.3	143.9	128,600 *										70
75	24.4	117.9	77,500 *	36.3	129.9	88,600 *	42.0	134.6	96,700 *	50.1	140.0	113,200 *	57.1	142.9	129,700							75
80	9.3	100.1	65,200 *	28.5	121.7	80,600 *	35.3	128.1	87,400 *	44.4	135.2	100,900 *	52.0	139.2	118,400 *							80
85				17.5	109.3	73,800 *	27.1	119.5	79,500 *	38.0	129.2	90,900 *	46.5	134.7	105,100 *							85
90							15.2	105.8	72,800 *	30.6	121.6	82,500 *	40.4	129.3	94,300 *	48.3	133.4	101,300				90
95										20.7	110.7	75,400 *	33.5	122.3	85,400 *	42.4	128.3	94,800				95
100													24.7	113.0	77,900 *	35.8	121.9	88,100 *	44.0	126.3	87,100	100
105													10.2	96.0	71,400 *	27.8	113.5	80,200 *	37.6	120.3	82,000	105
110																16.4	100.5	73,400 *	30.1	112.5	77,400	110
115																			20.0	101.3	73,200	115



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2250 SERIES 3

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	161,700 * ^b																50
55	57.3	156.8	118,400 *	63.3	160.3	143,900 * ^b	66.6	161.7	158,800 * ^b													55
60	52.9	153.2	105,000 *	59.1	157.5	125,100 *	62.6	159.2	140,800 * ^b													60
65	48.2	148.9	94,300 *	54.8	154.1	110,400 *	58.5	156.3	122,700 *													65
70	43.1	143.9	85,300 *	50.2	150.2	98,700 *	54.1	152.9	108,500 *	60.2	155.9	129,400 *										70
75	37.4	137.8	77,800 *	45.3	145.5	89,000 *	49.5	148.8	97,100 *	55.9	152.6	113,800 *										75
80	30.9	130.2	71,400 *	40.0	139.9	80,900 *	44.6	144.0	87,700 *	51.4	148.8	101,400 *	57.5	151.6	119,100 *							80
85	22.7	119.8	65,800 *	33.9	133.0	74,000 *	39.1	138.2	79,800 *	46.6	144.3	91,300 *	53.1	148.0	105,600 *							85
90	8.6	100.8	56,200 *	26.5	124.1	68,100 *	32.9	131.1	73,100 *	41.3	139.0	82,800 *	48.4	143.8	94,800 *							90
95				16.3	110.7	63,000 *	25.3	121.7	67,300 *	35.4	132.4	75,700 *	43.3	138.8	85,800 *	49.9	142.3	94,300				95
100							14.1	107.0	62,300 *	28.5	124.1	69,600 *	37.7	132.7	78,200 *	44.9	137.6	88,500 *				100
105										19.3	112.3	64,200 *	31.2	125.1	71,700 *	39.5	131.9	80,500 *	46.3	135.5	81,500	105
110													23.1	115.0	66,100 *	33.4	124.9	73,700 *	41.0	130.1	76,900	110
115													9.5	96.8	61,200 *	25.9	115.8	67,800 *	35.1	123.5	72,800	115
120																15.2	101.7	62,700 *	28.0	115.0	69,000	120



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2250 SERIES 3

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 * ^c																			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	159,200 * ^b																50
55	61.3	168.5	118,800 *	66.4	171.5	144,600 * ^b																55
60	57.6	165.5	105,400 *	62.9	169.0	125,600 *	65.9	170.4	141,400 *													60
65	53.7	161.9	94,500 *	59.2	166.1	110,900 *	62.4	167.9	123,200 *													65
70	49.6	157.9	85,500 *	55.4	162.8	99,000 *	58.7	165.0	108,900 *													70
75	45.2	153.1	78,000 *	51.4	159.0	89,200 *	54.8	161.6	97,400 *	60.1	164.5	114,300 *										75
80	40.5	147.6	71,500 *	47.2	154.6	81,100 *	50.8	157.7	88,000 *	56.4	161.3	101,800 *										80
85	35.2	141.0	65,900 *	42.6	149.4	74,200 *	46.5	153.2	80,000 *	52.4	157.6	91,500 *	57.8	160.3	106,000 *							85
90	29.1	132.7	61,000 *	37.5	143.3	68,300 *	41.8	147.9	73,300 *	48.2	153.4	83,000 *	53.9	156.8	95,100 *							90
95	21.3	121.7	56,700 *	31.8	135.8	63,100 *	36.7	141.6	67,500 *	43.7	148.4	75,900 *	49.8	152.7	86,000 *							95
100	8.0	101.5	48,900 *	24.9	126.3	58,600 *	30.9	133.9	62,400 *	38.8	142.5	69,700 *	45.4	148.0	78,400 *	51.1	151.2	88,100				100
105				15.3	112.0	54,500 *	23.7	123.8	58,000 *	33.3	135.5	64,400 *	40.7	142.5	71,900 *	46.8	146.7	80,700 *				105
110							13.2	108.1	54,000 *	26.8	126.5	59,700 *	35.4	135.9	66,200 *	42.2	141.5	73,800 *	48.0	144.6	76,500	110
115										18.2	113.9	55,500 *	29.3	127.8	61,300 *	37.1	135.3	68,000 *	43.5	139.5	72,400	115
120													21.7	116.9	57,000 *	31.4	127.7	62,900 *	38.5	133.6	68,700	120
130																14.3	103.0	54,400 *	26.4	117.4	59,500 *	130



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Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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2250 SERIES 3

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	141,900 *																55
60	61.2	177.2	105,400 *	65.8	180.2	125,800 *																60
65	57.9	174.1	94,500 *	62.6	177.7	110,900 *	65.3	179.1	123,300 *													65
70	54.4	170.7	85,400 *	59.3	174.8	99,000 *	62.1	176.6	109,000 *													70
75	50.7	166.8	77,800 *	55.9	171.5	89,200 *	58.8	173.6	97,400 *													75
80	46.9	162.3	71,400 *	52.3	167.8	81,000 *	55.4	170.3	87,900 *	60.1	173.2	101,800 *										80
85	42.8	157.1	65,800 *	48.6	163.6	74,100 *	51.8	166.5	79,900 *	56.7	170.0	91,500 *										85
90	38.3	151.1	60,900 *	44.6	158.7	68,100 *	48.0	162.2	73,100 *	53.2	166.4	83,000 *	58.0	168.9	95,000 *							90
95	33.3	144.0	56,600 *	40.3	153.1	62,900 *	43.9	157.2	67,300 *	49.5	162.3	75,700 *	54.5	165.5	85,900 *							95
100	27.5	135.2	52,700 *	35.5	146.5	58,400 *	39.6	151.5	62,200 *	45.6	157.6	69,600 *	50.9	161.6	78,300 *							100
105	20.2	123.5	49,300 *	30.1	138.5	54,400 *	34.7	144.7	57,800 *	41.3	152.2	64,200 *	47.0	157.1	71,700 *	52.0	160.0	80,600 *				105
110	7.6	102.1	42,800 *	23.6	128.3	50,800 *	29.2	136.5	53,800 *	36.7	145.9	59,500 *	42.9	152.0	66,100 *	48.3	155.7	73,700 *				110
115				14.5	113.2	47,500 *	22.5	125.8	50,300 *	31.5	138.3	55,400 *	38.5	146.0	61,200 *	44.3	150.8	67,800 *				115
120							12.5	109.2	47,100 *	25.3	128.8	51,700 *	33.5	138.9	56,800 *	39.9	145.2	62,700 *	45.3	148.8	68,200	120
130													20.5	118.7	49,600 *	29.7	130.4	54,200 *	36.4	136.9	59,300 *	130
140																13.5	104.1	47,400 *	24.9	119.6	51,600 *	140



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80 Ft. Boom, 110 Ft. Jib

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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	139,700 *																55
60	64.0	188.5	108,500 *	68.1	191.1	128,300 *																60
65	61.1	185.8	97,100 *	65.3	188.9	114,100 *	67.7	190.1	127,000 *													65
70	58.1	182.8	87,800 *	62.4	186.3	101,800 *	64.9	187.8	112,100 *													70
75	54.9	179.4	79,900 *	59.4	183.5	91,600 *	61.9	185.2	100,100 *													75
80	51.6	175.6	73,200 *	56.3	180.2	83,200 *	58.9	182.3	90,300 *													80
85	48.2	171.3	67,400 *	53.1	176.6	76,000 *	55.8	179.0	82,000 *	60.1	181.8	94,000 *										85
90	44.5	166.4	62,400 *	49.7	172.5	69,900 *	52.6	175.3	75,000 *	57.0	178.7	85,200 *										90
95	40.7	160.8	58,000 *	46.1	167.9	64,500 *	49.2	171.2	69,000 *	53.9	175.2	77,700 *										95
100	36.4	154.4	54,100 *	42.4	162.6	59,800 *	45.6	166.4	63,800 *	50.5	171.2	71,300 *	55.0	174.2	80,300 *							100
105	31.7	146.8	50,500 *	38.3	156.6	55,700 *	41.8	161.1	59,200 *	47.0	166.7	65,800 *	51.7	170.4	73,600 *							105
110	26.2	137.5	47,400 *	33.8	149.6	52,000 *	37.6	154.9	55,100 *	43.3	161.6	61,000 *	48.3	166.1	67,700 *	52.8	168.8	75,600 *				110
115	19.2	125.1	44,500 *	28.6	141.1	48,700 *	33.1	147.7	51,500 *	39.3	155.8	56,700 *	44.7	161.3	62,700 *	49.4	164.7	69,500 *				115
120	7.2	102.6	35,800 *	22.5	130.3	45,800 *	27.8	138.9	48,300 *	34.9	149.0	52,900 *	40.8	155.7	58,200 *	45.9	160.0	64,200 *				120
130							11.9	110.2	42,700 *	24.1	130.9	46,500 *	31.9	141.8	50,800 *	38.0	148.6	55,500 *	43.1	152.8	60,800 *	130
140													19.5	120.4	44,700 *	28.2	132.9	48,600 *	34.7	140.1	52,800 *	140
150																12.9	105.2	42,900 *	23.7	121.7	46,400 *	150



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80 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.0	205.2	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	125,600 *																60
65	63.7	197.2	96,800 *	67.5	199.8	113,800 *																65
70	61.0	194.5	87,400 *	64.9	197.6	101,400 *	67.1	198.8	111,800 *													70
75	58.2	191.5	79,600 *	62.2	195.0	91,300 *	64.5	196.5	99,800 *													75
80	55.3	188.1	72,800 *	59.4	192.1	82,800 *	61.8	193.9	89,900 *													80
85	52.4	184.4	67,000 *	56.6	188.9	75,600 *	59.0	191.0	81,700 *	62.8	193.3	93,700 *										85
90	49.3	180.2	62,000 *	53.7	185.4	69,500 *	56.2	187.7	74,700 *	60.1	190.5	84,800 *										90
95	46.0	175.6	57,600 *	50.6	181.4	64,100 *	53.2	184.1	68,600 *	57.3	187.4	77,300 *										95
100	42.5	170.3	53,600 *	47.4	177.0	59,400 *	50.1	180.1	63,400 *	54.4	183.9	71,000 *										100
105	38.8	164.4	50,100 *	44.0	172.0	55,300 *	46.9	175.5	58,800 *	51.4	180.0	65,400 *	55.5	182.9	73,200 *							105
110	34.8	157.6	47,000 *	40.5	166.4	51,600 *	43.5	170.5	54,700 *	48.2	175.7	60,600 *	52.5	179.2	67,400 *							110
115	30.3	149.5	44,100 *	36.6	159.9	48,300 *	39.9	164.7	51,100 *	44.9	170.9	56,300 *	49.4	175.1	62,300 *							115
120	25.0	139.7	41,500 *	32.3	152.5	45,300 *	35.9	158.2	47,900 *	41.4	165.4	52,500 *	46.1	170.4	57,800 *	50.4	173.6	63,800 *				120
130	6.9	103.2	31,600 *	21.5	132.2	40,200 *	26.6	141.3	42,300 *	33.4	152.0	46,100 *	39.0	159.3	50,300 *	43.8	164.1	55,100 *	48.0	166.9	60,400 *	130
140							11.4	111.1	37,600 *	23.1	132.9	40,800 *	30.4	144.5	44,300 *	36.3	151.9	48,200 *	41.1	156.5	52,400 *	140
150													18.6	122.0	39,300 *	27.0	135.3	42,500 *	33.1	143.0	46,000 *	150
160																12.3	106.2	37,800 *	22.7	123.6	40,700 *	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	113,800 *																65
70	63.4	205.9	87,400 *	66.9	208.6	101,400 *																70
75	60.9	203.2	79,500 *	64.5	206.2	91,200 *	66.6	207.5	99,800 *													75
80	58.4	200.2	72,700 *	62.0	203.7	82,700 *	64.1	205.2	89,900 *													80
85	55.7	196.8	66,900 *	59.5	200.8	75,500 *	61.6	202.5	81,600 *													85
90	53.0	193.2	61,900 *	56.9	197.6	69,400 *	59.1	199.6	74,600 *	62.6	202.0	84,700 *										90
95	50.1	189.1	57,400 *	54.2	194.1	64,000 *	56.5	196.4	68,500 *	60.1	199.2	77,300 *										95
100	47.2	184.6	53,500 *	51.4	190.2	59,300 *	53.8	192.9	63,300 *	57.5	196.1	70,800 *										100
105	44.1	179.7	50,000 *	48.5	185.9	55,200 *	50.9	188.9	58,700 *	54.8	192.6	65,300 *										105
110	40.8	174.1	46,800 *	45.4	181.2	51,500 *	48.0	184.6	54,600 *	52.1	188.9	60,400 *	55.8	191.6	67,200 *							110
115	37.2	167.8	44,000 *	42.2	175.9	48,200 *	45.0	179.7	51,000 *	49.2	184.7	56,200 *	53.1	188.0	62,200 *							115
120	33.4	160.6	41,400 *	38.8	169.9	45,200 *	41.7	174.3	47,700 *	46.2	180.0	52,400 *	50.3	184.0	57,700 *							120
130	24.0	141.8	36,800 *	31.0	155.2	40,000 *	34.5	161.3	42,100 *	39.6	169.1	45,900 *	44.2	174.5	50,200 *	48.2	178.1	55,000 *				130
140	6.6	103.7	28,100 *	20.6	134.0	35,700 *	25.5	143.5	37,500 *	32.0	154.9	40,700 *	37.4	162.7	44,200 *	42.0	167.9	48,000 *	46.0	171.2	52,200 *	140
150							10.9	112.1	33,500 *	22.1	134.8	36,200 *	29.2	147.1	39,200 *	34.8	155.1	42,400 *	39.4	160.2	45,800 *	150
160													17.9	123.5	35,000 *	25.9	137.6	37,700 *	31.8	145.9	40,600 *	160
170																11.8	107.2	33,700 *	21.8	125.6	36,200 *	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	111,500 *																65
70	65.5	217.0	87,600 *	68.7	219.4	101,900 *																70
75	63.2	214.5	79,600 *	66.4	217.3	91,500 *																75
80	60.9	211.8	72,800 *	64.2	214.9	82,900 *	66.1	216.2	90,200 *													80
85	58.5	208.8	66,900 *	61.9	212.3	75,600 *	63.8	213.9	81,800 *													85
90	56.0	205.5	61,800 *	59.5	209.5	69,300 *	61.5	211.2	74,600 *													90
95	53.5	201.9	57,300 *	57.1	206.3	63,900 *	59.1	208.3	68,500 *	62.4	210.6	77,400 *										95
100	50.9	198.0	53,300 *	54.6	202.8	59,200 *	56.7	205.1	63,200 *	60.1	207.8	70,900 *										100
105	48.2	193.6	49,700 *	52.0	199.1	55,000 *	54.2	201.6	58,500 *	57.7	204.7	65,200 *										105
110	45.4	188.9	46,600 *	49.4	194.9	51,200 *	51.6	197.7	54,400 *	55.2	201.4	60,300 *										110
115	42.4	183.6	43,700 *	46.6	190.3	47,900 *	49.0	193.5	50,700 *	52.7	197.6	56,000 *	56.1	200.3	62,100 *							115
120	39.2	177.7	41,100 *	43.7	185.2	44,900 *	46.2	188.9	47,500 *	50.0	193.6	52,200 *	53.6	196.8	57,500 *							120
130	32.1	163.4	36,500 *	37.3	173.3	39,700 *	40.1	178.0	41,800 *	44.4	184.1	45,700 *	48.3	188.5	50,000 *	51.8	191.3	54,800 *				130
140	23.1	143.9	32,700 *	29.8	157.9	35,400 *	33.2	164.3	37,100 *	38.1	172.5	40,300 *	42.5	178.4	43,900 *	46.4	182.4	47,800 *				140
150	6.3	104.2	25,000 *	19.8	135.7	31,700 *	24.5	145.7	33,200 *	30.8	157.7	35,900 *	35.9	166.0	38,900 *	40.3	171.6	42,100 *	44.2	175.3	45,600 *	150
160							10.5	112.9	29,800 *	21.3	136.7	32,100 *	28.1	149.6	34,700 *	33.4	158.1	37,400 *	37.9	163.6	40,300 *	160
170													17.2	125.0	31,100 *	24.9	139.8	33,400 *	30.6	148.6	35,900 *	170
180																11.3	108.2	29,900 *	20.9	127.4	32,100 *	180



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	102,100 *																70
75	65.1	225.7	80,400 *	68.1	228.2	92,500 *																75
80	63.0	223.2	73,500 *	66.0	226.0	83,700 *	67.8	227.2	91,100 *													80
85	60.8	220.5	67,500 *	63.9	223.6	76,300 *	65.7	225.0	82,600 *													85
90	58.6	217.5	62,300 *	61.7	221.0	70,000 *	63.6	222.5	75,300 *													90
95	56.3	214.2	57,700 *	59.5	218.1	64,500 *	61.4	219.9	69,100 *													95
100	54.0	210.7	53,600 *	57.3	215.0	59,600 *	59.2	217.0	63,700 *	62.3	219.3	71,500 *										100
105	51.5	206.8	50,000 *	55.0	211.6	55,300 *	56.9	213.8	58,900 *	60.1	216.5	65,800 *										105
110	49.0	202.6	46,700 *	52.6	207.8	51,500 *	54.6	210.3	54,700 *	57.8	213.4	60,800 *										110
115	46.4	198.0	43,800 *	50.1	203.8	48,100 *	52.2	206.5	51,000 *	55.5	210.1	56,300 *										115
120	43.7	192.9	41,100 *	47.6	199.3	45,000 *	49.8	202.4	47,600 *	53.2	206.4	52,400 *	56.4	209.0	57,900 *							120
130	37.8	181.1	36,400 *	42.1	189.1	39,700 *	44.5	193.0	41,900 *	48.2	198.1	45,800 *	51.6	201.6	50,100 *							130
140	31.0	166.2	32,500 *	36.0	176.5	35,200 *	38.7	181.5	37,100 *	42.8	188.1	40,300 *	46.5	192.8	43,900 *	49.9	196.0	47,800 *				140
150	22.3	145.8	29,000 *	28.7	160.5	31,400 *	32.0	167.1	33,000 *	36.8	175.9	35,800 *	41.0	182.2	38,800 *	44.7	186.6	42,000 *				150
160	6.1	104.7	20,900 *	19.1	137.4	28,100 *	23.7	147.8	29,500 *	29.7	160.3	31,900 *	34.7	169.1	34,500 *	38.9	175.2	37,200 *	42.6	179.2	40,100 *	160
170							10.1	113.8	26,100 *	20.5	138.5	28,500 *	27.1	152.0	30,800 *	32.3	161.0	33,100 *	36.6	166.9	35,600 *	170
180													16.6	126.5	27,500 *	24.0	141.9	29,600 *	29.5	151.3	31,700 *	180
190													10.9	109.1	26,400 *	20.2	129.1	28,400 *				190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	92,000 *																75
80	64.8	234.4	72,900 *	67.6	236.9	83,200 *																80
85	62.8	231.9	67,000 *	65.6	234.7	75,800 *	67.3	235.9	82,100 *													85
90	60.8	229.1	61,800 *	63.7	232.3	69,500 *	65.4	233.7	74,800 *													90
95	58.7	226.2	57,200 *	61.6	229.7	64,000 *	63.4	231.2	68,600 *													95
100	56.5	222.9	53,200 *	59.6	226.8	59,100 *	61.3	228.5	63,200 *													100
105	54.4	219.4	49,500 *	57.5	223.7	54,900 *	59.3	225.6	58,500 *	62.1	228.0	65,300 *										105
110	52.1	215.6	46,300 *	55.3	220.3	51,100 *	57.1	222.5	54,300 *	60.1	225.1	60,300 *										110
115	49.8	211.5	43,300 *	53.1	216.6	47,700 *	55.0	219.0	50,500 *	58.0	222.1	55,900 *										115
120	47.4	207.0	40,700 *	50.8	212.6	44,600 *	52.7	215.3	47,200 *	55.8	218.8	52,000 *										120
130	42.3	196.8	36,000 *	46.0	203.6	39,300 *	48.1	206.9	41,400 *	51.4	211.3	45,300 *	54.4	214.2	49,700 *							130
140	36.6	184.4	32,000 *	40.7	192.8	34,800 *	43.0	196.9	36,600 *	46.6	202.4	39,900 *	49.9	206.3	43,400 *	52.9	208.8	47,400 *				140
150	29.9	168.9	28,600 *	34.8	179.7	31,000 *	37.4	184.9	32,600 *	41.4	191.9	35,300 *	45.0	197.0	38,300 *	48.2	200.5	41,600 *				150
160	21.5	147.7	25,600 *	27.8	162.9	27,700 *	30.9	169.9	29,100 *	35.6	179.1	31,500 *	39.6	185.8	34,000 *	43.2	190.6	36,700 *	46.4	193.6	39,700 *	160
170	5.9	105.2	18,300 *	18.5	139.0	24,800 *	22.9	149.8	26,000 *	28.7	162.9	28,100 *	33.5	172.1	30,300 *	37.6	178.6	32,700 *	41.2	183.0	35,100 *	170
180							9.8	114.6	23,100 *	19.9	140.2	25,200 *	26.2	154.4	27,100 *	31.2	163.8	29,200 *	35.4	170.1	31,300 *	180
190													16.1	127.8	24,300 *	23.2	143.9	26,100 *	28.5	153.8	28,000 *	190
200																10.6	110.0	23,400 *	19.5	130.9	25,100 *	200



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	84,000 *																80
85	64.5	243.1	67,300 *	67.2	245.7	76,400 *																85
90	62.6	240.5	62,000 *	65.3	243.4	69,900 *	66.9	244.6	75,400 *													90
95	60.7	237.8	57,400 *	63.4	241.0	64,200 *	65.0	242.4	69,000 *													95
100	58.7	234.8	53,200 *	61.5	238.3	59,300 *	63.2	239.9	63,500 *													100
105	56.7	231.6	49,500 *	59.6	235.4	55,000 *	61.2	237.2	58,600 *													105
110	54.7	228.1	46,300 *	57.6	232.3	51,100 *	59.3	234.3	54,400 *	62.0	236.6	60,500 *										110
115	52.6	224.4	43,300 *	55.6	229.0	47,700 *	57.3	231.1	50,600 *	60.1	233.8	56,000 *										115
120	50.4	220.4	40,600 *	53.5	225.4	44,500 *	55.3	227.8	47,200 *	58.1	230.8	52,000 *										120
130	45.9	211.3	35,900 *	49.2	217.2	39,200 *	51.0	220.1	41,300 *	54.0	223.9	45,300 *	56.8	226.4	49,700 *							130
140	40.9	200.5	31,900 *	44.5	207.7	34,700 *	46.5	211.2	36,500 *	49.7	215.9	39,800 *	52.7	219.2	43,400 *							140
150	35.4	187.6	28,500 *	39.4	196.4	30,900 *	41.6	200.8	32,400 *	45.1	206.6	35,200 *	48.3	210.9	38,200 *	51.2	213.7	41,500 *				150
160	29.0	171.5	25,500 *	33.7	182.7	27,600 *	36.2	188.2	29,000 *	40.1	195.6	31,300 *	43.5	201.0	33,900 *	46.7	204.8	36,700 *				160
170	20.9	149.5	22,900 *	26.9	165.3	24,700 *	30.0	172.6	25,900 *	34.4	182.2	28,000 *	38.4	189.3	30,200 *	41.8	194.4	32,600 *	45.0	197.8	35,000 *	170
180	5.7	105.7	16,200 *	17.9	140.5	22,200 *	22.2	151.8	23,300 *	27.8	165.4	25,100 *	32.5	175.0	27,000 *	36.4	181.9	29,100 *	39.9	186.7	31,200 *	180
190							9.5	115.4	20,700 *	19.2	141.9	22,500 *	25.4	156.6	24,200 *	30.2	166.5	26,000 *	34.3	173.2	27,900 *	190
200													15.6	129.2	21,700 *	22.5	145.9	23,300 *	27.6	156.2	25,000 *	200
210																10.2	110.9	20,900 *	18.9	132.5	22,400 *	210



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	77,700 *																80
85	66.0	254.1	66,800 *	68.5	256.5	74,200 *																85
90	64.3	251.8	61,500 *	66.8	254.4	69,400 *																90
95	62.5	249.2	56,900 *	65.0	252.1	63,800 *	66.5	253.4	68,500 *													95
100	60.7	246.5	52,800 *	63.3	249.6	58,800 *	64.8	251.0	63,000 *													100
105	58.8	243.5	49,100 *	61.5	247.0	54,500 *	63.0	248.5	58,200 *													105
110	56.9	240.3	45,800 *	59.6	244.1	50,600 *	61.2	245.9	53,900 *													110
115	55.0	236.9	42,800 *	57.7	241.0	47,200 *	59.3	242.9	50,100 *	61.9	245.3	55,500 *										115
120	53.0	233.2	40,100 *	55.8	237.7	44,100 *	57.5	239.8	46,700 *	60.1	242.5	51,600 *										120
130	48.9	225.0	35,400 *	51.9	230.3	38,700 *	53.6	232.9	40,900 *	56.3	236.2	44,800 *										130
140	44.5	215.4	31,400 *	47.7	221.7	34,200 *	49.5	224.8	36,000 *	52.4	228.9	39,300 *	55.1	231.7	42,900 *							140
150	39.7	204.2	28,000 *	43.2	211.7	30,400 *	45.1	215.4	32,000 *	48.2	220.4	34,700 *	51.1	224.0	37,800 *							150
160	34.4	190.7	25,100 *	38.3	199.9	27,200 *	40.4	204.5	28,500 *	43.7	210.6	30,900 *	46.8	215.2	33,400 *	49.6	218.3	36,200 *				160
170	28.2	174.0	22,500 *	32.7	185.7	24,300 *	35.2	191.4	25,500 *	38.9	199.1	27,500 *	42.2	204.9	29,700 *	45.3	209.0	32,100 *				170
180	20.3	151.3	20,200 *	26.1	167.6	21,800 *	29.1	175.2	22,800 *	33.4	185.2	24,700 *	37.2	192.7	26,600 *	40.6	198.1	28,600 *	43.6	201.8	29,000	180
190	5.5	106.1	14,100 *	17.4	142.1	19,500 *	21.5	153.7	20,500 *	27.0	167.8	22,100 *	31.5	177.8	23,800 *	35.4	185.1	25,600 *	38.7	190.2	26,500	190
200							9.2	116.2	18,200 *	18.7	143.6	19,800 *	24.7	158.8	21,300 *	29.3	169.1	22,900 *	33.3	176.2	24,300	200
210													15.1	130.5	19,100 *	21.9	147.8	20,500 *	26.8	158.6	22,000 *	210
220																9.9	111.7	18,400 *	18.4	134.1	19,700 *	220



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	61,300 *																90
95	65.4	271.5	53,700 *	67.7	274.0	58,300 *																95
100	63.9	269.1	50,900 *	66.1	271.8	55,300 *	67.4	273.0	57,600 *													100
105	62.2	266.5	48,100 *	64.5	269.5	52,500 *	65.9	270.8	54,800 *													105
110	60.6	263.8	44,800 *	62.9	267.0	49,600 *	64.3	268.4	52,000 *													110
115	58.9	260.8	41,800 *	61.3	264.3	46,200 *	62.7	265.9	49,100 *													115
120	57.2	257.7	39,200 *	59.7	261.4	43,100 *	61.1	263.2	45,700 *													120
130	53.8	250.7	34,500 *	56.3	255.1	37,700 *	57.7	257.2	39,900 *	60.1	259.8	43,900 *										130
140	50.1	242.7	30,500 *	52.7	247.8	33,300 *	54.2	250.3	35,100 *	56.7	253.5	38,400 *										140
150	46.2	233.7	27,100 *	49.0	239.6	29,500 *	50.6	242.5	31,000 *	53.2	246.4	33,800 *	55.6	249.1	36,800 *							150
160	42.1	223.2	24,200 *	45.1	230.2	26,200 *	46.8	233.6	27,600 *	49.5	238.3	29,900 *	52.0	241.7	32,500 *							160
170	37.6	211.1	21,600 *	40.8	219.3	23,400 *	42.7	223.4	24,600 *	45.6	229.0	26,600 *	48.3	233.2	28,800 *	50.8	236.1	31,100 *				170
180	32.5	196.6	19,300 *	36.2	206.6	20,900 *	38.2	211.5	21,900 *	41.4	218.3	23,700 *	44.3	223.5	25,600 *	46.9	227.2	27,600 *				180
190	26.7	178.8	17,300 *	31.0	191.3	18,700 *	33.3	197.4	19,600 *	36.8	205.9	21,200 *	40.0	212.3	22,900 *	42.8	217.0	24,600 *	45.5	220.2	25,300	190
200	19.2	154.7	15,400 *	24.8	172.1	16,700 *	27.6	180.2	17,600 *	31.7	191.0	19,000 *	35.2	199.2	20,500 *	38.4	205.2	22,000 *	41.2	209.5	23,000	200
210	5.2	107.0	10,300 *	16.5	145.0	14,900 *	20.4	157.3	15,700 *	25.6	172.4	17,000 *	29.8	183.3	18,300 *	33.5	191.2	19,700 *	36.7	196.9	21,000	210
220							8.7	117.7	13,900 *	17.7	146.7	15,100 *	23.4	163.0	16,400 *	27.8	174.1	17,600 *	31.5	181.9	18,900 *	220
230													14.3	133.0	14,600 *	20.7	151.5	15,700 *	25.4	163.2	16,900 *	230
240																9.4	113.3	14,000 *	17.4	137.2	15,000 *	240



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	188,000 * b																45
50	57.3	158.3	135,700 * b	64.8	162.2	169,300 * b																50
55	52.2	154.7	118,800 *	60.2	159.5	148,400 * b	64.6	161.3	167,700 * b													55
60	46.7	150.2	105,400 *	55.3	156.2	128,500 * b	60.0	158.6	147,400 * b													60
65	40.7	144.8	94,500 *	50.1	152.2	113,100 *	55.0	155.3	127,700 *	62.6	158.3	157,400 b										65
70	33.7	137.9	85,600 *	44.4	147.4	100,800 *	49.8	151.3	112,500 *	57.9	155.3	138,200 * b										70
75	25.1	128.7	78,000 *	38.0	141.5	90,800 *	44.1	146.4	100,400 *	52.8	151.8	120,700 *										75
80	11.1	112.3	70,000 *	30.6	133.9	82,400 *	37.7	140.4	90,400 *	47.4	147.4	107,000 *	55.5	151.2	118,400							80
85				20.7	122.9	75,400 *	30.2	132.7	82,100 *	41.4	142.1	95,800 *	50.3	147.3	109,900							85
90							20.1	121.5	75,100 *	34.6	135.5	86,700 *	44.7	142.5	101,500 *	52.8	146.1	99,900				90
95										26.3	126.6	79,000 *	38.4	136.7	91,300 *	47.4	141.7	93,400				95
100										13.6	112.0	72,400 *	31.0	129.1	82,900 *	41.5	136.4	87,700				100
105													21.3	118.4	75,700 *	34.7	129.8	82,600	44.0	135.0	80,600	105
110																26.3	120.9	77,900	37.6	129.0	76,100	110
115																13.7	106.4	72,500 *	30.1	121.2	72,000	115
120																			20.0	110.0	68,200	120



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	166,600 *b	68.0	172.3	165,100 *b													50
55	57.6	167.0	119,400 *	64.2	170.9	149,300 *b	64.1	170.0	148,300 *b													55
60	53.2	163.4	105,900 *	60.2	168.2	129,300 *	60.0	167.2	128,500 *													60
65	48.5	159.2	94,900 *	55.9	164.9	113,700 *	60.0	167.2	128,500 *													65
70	43.5	154.3	85,900 *	51.4	161.1	101,300 *	55.7	164.0	113,100 *	62.3	167.0	139,100 *b										70
75	37.9	148.2	78,300 *	46.6	156.6	91,200 *	51.2	160.1	100,800 *	58.1	164.0	121,400 *										75
80	31.4	140.7	71,800 *	41.3	151.3	82,800 *	46.3	155.6	90,800 *	53.8	160.5	107,500 *										80
85	23.4	130.7	66,200 *	35.4	144.7	75,600 *	41.1	150.2	82,400 *	49.1	156.4	96,300 *	56.1	159.9	109,300							85
90	10.3	113.1	60,300 *	28.5	136.4	69,500 *	35.1	143.6	75,300 *	44.1	151.5	87,000 *	51.6	156.1	101,900							90
95				19.3	124.6	64,200 *	28.1	135.2	69,300 *	38.6	145.7	79,300 *	46.8	151.7	91,700 *							95
100							18.8	123.1	64,000 *	32.3	138.4	72,600 *	41.6	146.4	83,200 *	49.1	150.7	87,200				100
105										24.5	128.8	66,900 *	35.7	139.9	76,000 *	44.1	145.8	82,100				105
110										12.7	113.0	61,900 *	28.8	131.7	69,900 *	38.6	140.0	77,500	46.3	144.2	75,500	110
115													19.8	120.2	64,500 *	32.3	132.7	72,700 *	41.0	138.7	71,500	115
120																24.5	123.1	67,000 *	35.1	132.1	67,800	120
130																			18.6	111.6	61,200	130



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	163,800 *b																50
55	61.6	178.7	119,900 *	67.3	181.9	149,300 *b																55
60	57.9	175.7	106,300 *	63.8	179.6	129,800 *	67.1	181.0	148,300 *b													60
65	54.0	172.2	95,200 *	60.1	176.8	114,200 *	63.6	178.7	129,000 *													65
70	49.9	168.2	86,100 *	56.4	173.6	101,700 *	60.0	175.9	113,500 *													70
75	45.5	163.5	78,500 *	52.4	169.9	91,500 *	56.2	172.7	101,200 *	62.0	175.7	121,900 *										75
80	40.8	158.0	71,900 *	48.2	165.7	83,000 *	52.2	169.0	91,100 *	58.3	172.7	107,900 *										80
85	35.6	151.5	66,300 *	43.7	160.7	75,800 *	48.0	164.7	82,600 *	54.5	169.3	96,600 *										85
90	29.5	143.4	61,400 *	38.8	154.8	69,600 *	43.5	159.6	75,500 *	50.4	165.3	87,300 *	56.5	168.6	101,500							90
95	22.0	132.6	57,000 *	33.3	147.7	64,300 *	38.6	153.7	69,400 *	46.1	160.7	79,400 *	52.6	164.9	92,000 *							95
100	9.6	113.9	52,400 *	26.8	138.8	59,600 *	33.0	146.6	64,100 *	41.4	155.3	72,800 *	48.4	160.7	83,400 *							100
105				18.1	126.2	55,500 *	26.4	137.5	59,400 *	36.3	149.0	67,000 *	43.9	155.8	76,200 *	50.4	159.6	81,700				105
110							17.6	124.6	55,300 *	30.3	141.1	62,000 *	39.1	149.9	70,000 *	46.1	155.0	77,100				110
115										23.0	130.8	57,600 *	33.6	142.9	64,600 *	41.5	149.7	72,900 *	48.0	153.2	71,100	115
120										11.9	114.0	53,700 *	27.1	134.1	59,900 *	36.3	143.3	67,100 *	43.5	148.2	67,400	120
130																23.1	125.1	57,700 *	33.0	135.1	61,000	130
140																			17.5	113.1	55,400 *	140



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	146,200 *b																55
60	61.4	187.4	106,300 *	66.6	190.7	130,000 *																60
65	58.1	184.4	95,200 *	63.4	188.2	114,200 *	66.4	189.8	129,200 *													65
70	54.6	180.9	86,000 *	60.1	185.5	101,700 *	63.2	187.3	113,600 *													70
75	51.0	177.0	78,300 *	56.7	182.3	91,400 *	60.0	184.5	101,200 *													75
80	47.2	172.6	71,800 *	53.2	178.7	82,900 *	56.6	181.4	91,000 *	61.8	184.3	107,900 *										80
85	43.1	167.5	66,100 *	49.5	174.6	75,700 *	53.0	177.7	82,500 *	58.5	181.4	96,600 *										85
90	38.6	161.5	61,200 *	45.6	169.9	69,500 *	49.3	173.6	75,400 *	55.1	178.0	87,200 *										90
95	33.7	154.5	56,900 *	41.3	164.5	64,100 *	45.4	168.9	69,200 *	51.4	174.2	79,300 *	56.9	177.3	92,000 *							95
100	27.9	145.9	53,000 *	36.7	158.2	59,400 *	41.1	163.4	63,900 *	47.6	169.8	72,600 *	53.4	173.7	83,400 *							100
105	20.8	134.4	49,500 *	31.5	150.6	55,300 *	36.5	157.0	59,300 *	43.6	164.8	66,900 *	49.7	169.6	76,100 *							105
110	9.1	114.7	45,600 *	25.3	141.0	51,600 *	31.2	149.4	55,100 *	39.2	158.9	61,900 *	45.8	165.0	69,900 *	51.5	168.5	76,600				110
115				17.2	127.7	48,300 *	25.0	139.7	51,500 *	34.3	152.1	57,500 *	41.5	159.6	64,500 *	47.7	164.1	72,400				115
120							16.7	126.1	48,200 *	28.7	143.7	53,500 *	36.9	153.3	59,800 *	43.6	159.1	67,000 *				120
130										11.2	115.0	46,900 *	25.7	136.4	51,900 *	34.3	146.4	57,500 *	41.1	152.0	60,400	130
140																21.8	127.0	50,100 *	31.2	137.9	55,000	140
150																			16.6	114.5	48,300 *	150



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	132,200 *																60
65	61.3	196.0	97,900 *	66.0	199.4	117,600 *																65
70	58.3	193.0	88,400 *	63.1	196.9	104,500 *	65.9	198.5	116,900 *													70
75	55.1	189.7	80,400 *	60.1	194.1	93,900 *	63.0	196.0	104,000 *													75
80	51.9	185.9	73,700 *	57.0	191.0	85,100 *	60.0	193.2	93,500 *													80
85	48.4	181.6	67,800 *	53.8	187.5	77,700 *	56.9	190.1	84,700 *	61.7	193.0	99,300 *										85
90	44.8	176.8	62,700 *	50.5	183.5	71,300 *	53.7	186.5	77,400 *	58.6	190.0	89,600 *										90
95	40.9	171.2	58,300 *	47.0	179.0	65,800 *	50.4	182.5	71,000 *	55.5	186.7	81,400 *										95
100	36.7	164.9	54,300 *	43.3	173.9	60,900 *	46.9	178.0	65,500 *	52.3	183.0	74,500 *	57.2	186.0	85,600 *							100
105	32.0	157.4	50,800 *	39.3	168.1	56,700 *	43.1	172.9	60,700 *	48.9	178.8	68,600 *	54.0	182.5	78,100 *							105
110	26.6	148.2	47,600 *	34.9	161.3	52,900 *	39.1	167.0	56,500 *	45.3	174.0	63,400 *	50.7	178.5	71,600 *							110
115	19.8	136.2	44,700 *	30.0	153.2	49,500 *	34.7	160.2	52,700 *	41.4	168.6	58,900 *	47.2	174.1	66,100 *	52.3	177.3	71,900				115
120	8.6	115.4	38,500 *	24.1	143.2	46,500 *	29.7	152.0	49,400 *	37.3	162.3	54,900 *	43.5	169.0	61,200 *	48.9	173.1	68,200				120
130							15.9	127.4	43,600 *	27.3	146.1	48,000 *	35.1	156.5	53,100 *	41.4	162.9	58,900 *	46.8	166.6	59,900	130
140										10.7	115.9	42,500 *	24.4	138.5	46,700 *	32.7	149.3	51,300 *	39.1	155.5	54,600	140
150																20.8	128.9	45,200 *	29.7	140.6	49,400 *	150
160																			15.8	115.8	43,600 *	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	129,300 *																60
65	63.9	207.3	97,500 *	68.1	210.3	117,300 *																65
70	61.2	204.7	88,000 *	65.5	208.1	104,200 *	68.0	209.4	116,700 *													70
75	58.4	201.7	80,100 *	62.8	205.6	93,600 *	65.4	207.2	103,700 *													75
80	55.5	198.4	73,300 *	60.1	202.8	84,800 *	62.7	204.7	93,200 *													80
85	52.6	194.7	67,400 *	57.3	199.7	77,300 *	60.0	201.9	84,400 *													85
90	49.5	190.5	62,300 *	54.4	196.2	70,900 *	57.2	198.7	77,000 *	61.5	201.6	89,200 *										90
95	46.2	185.9	57,900 *	51.4	192.3	65,400 *	54.2	195.2	70,600 *	58.8	198.7	81,100 *										95
100	42.8	180.7	53,900 *	48.2	188.0	60,500 *	51.2	191.4	65,100 *	55.9	195.4	74,100 *										100
105	39.1	174.8	50,400 *	44.9	183.2	56,300 *	48.1	187.0	60,300 *	52.9	191.8	68,200 *	57.4	194.7	77,700 *							105
110	35.1	168.1	47,200 *	41.4	177.7	52,500 *	44.7	182.1	56,100 *	49.9	187.7	63,000 *	54.5	191.2	71,300 *							110
115	30.6	160.1	44,300 *	37.5	171.5	49,100 *	41.2	176.7	52,300 *	46.6	183.1	58,500 *	51.5	187.4	65,700 *							115
120	25.4	150.5	41,700 *	33.4	164.3	46,000 *	37.4	170.4	49,000 *	43.2	178.0	54,400 *	48.4	183.1	60,800 *	53.0	186.1	67,700				120
130	8.2	116.1	34,100 *	23.0	145.2	40,800 *	28.4	154.6	43,200 *	35.6	165.6	47,600 *	41.5	172.8	52,700 *	46.7	177.4	58,500 *				130
140							15.1	128.7	38,400 *	26.1	148.4	42,100 *	33.6	159.5	46,200 *	39.6	166.5	50,900 *	44.7	170.7	54,000	140
150										10.2	116.7	37,400 *	23.3	140.6	40,900 *	31.2	152.1	44,800 *	37.3	158.9	49,000 *	150
160																19.9	130.6	39,700 *	28.4	143.1	43,200 *	160
170																			15.0	117.1	38,400 *	170



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	117,800 *																65
70	63.6	216.0	88,600 *	67.5	219.0	105,200 *																70
75	61.1	213.3	80,500 *	65.1	216.8	94,300 *	67.4	218.1	104,600 *													75
80	58.5	210.4	73,700 *	62.6	214.2	85,300 *	65.0	215.9	93,900 *													80
85	55.9	207.1	67,700 *	60.1	211.5	77,700 *	62.5	213.3	84,900 *													85
90	53.2	203.4	62,600 *	57.5	208.4	71,200 *	60.0	210.5	77,400 *													90
95	50.3	199.4	58,000 *	54.8	204.9	65,600 *	57.4	207.4	71,000 *	61.4	210.3	81,600 *										95
100	47.4	195.0	54,000 *	52.1	201.1	60,700 *	54.7	204.0	65,400 *	58.9	207.4	74,500 *										100
105	44.3	190.0	50,400 *	49.2	197.0	56,400 *	51.9	200.2	60,500 *	56.2	204.1	68,500 *										105
110	41.0	184.5	47,200 *	46.2	192.3	52,600 *	49.1	196.0	56,200 *	53.5	200.5	63,200 *	57.6	203.3	71,600 *							110
115	37.5	178.2	44,300 *	43.0	187.1	49,200 *	46.0	191.3	52,400 *	50.7	196.5	58,600 *	55.0	199.9	66,000 *							115
120	33.6	171.1	41,700 *	39.6	181.3	46,100 *	42.9	186.1	49,000 *	47.8	192.2	54,600 *	52.2	196.2	61,000 *							120
130	24.4	152.6	37,100 *	32.0	167.2	40,800 *	35.8	173.7	43,200 *	41.4	181.8	47,700 *	46.3	187.4	52,800 *	50.7	190.9	58,700 *				130
140	7.9	116.7	30,500 *	22.1	147.1	36,300 *	27.2	157.0	38,400 *	34.1	168.6	42,100 *	39.8	176.5	46,300 *	44.7	181.6	51,000 *				140
150							14.5	130.0	34,300 *	25.0	150.6	37,500 *	32.2	162.4	41,000 *	38.0	170.0	44,800 *	42.8	174.7	49,100 *	150
160										9.8	117.5	33,500 *	22.4	142.5	36,500 *	29.9	154.8	39,700 *	35.8	162.2	43,300 *	160
170																19.0	132.2	35,500 *	27.2	145.5	38,400 *	170
180																			14.4	118.4	34,400 *	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	104,800 *																70
75	63.4	224.7	80,100 *	67.0	227.8	93,900 *																75
80	61.0	222.0	73,200 *	64.7	225.5	84,900 *	66.9	226.9	93,500 *													80
85	58.6	219.0	67,300 *	62.4	222.9	77,300 *	64.6	224.6	84,500 *													85
90	56.2	215.8	62,100 *	60.1	220.1	70,800 *	62.3	222.0	77,000 *													90
95	53.7	212.2	57,600 *	57.7	217.0	65,200 *	60.0	219.2	70,500 *													95
100	51.1	208.3	53,600 *	55.2	213.6	60,300 *	57.6	216.1	65,000 *	61.3	219.0	74,100 *										100
105	48.4	204.0	50,000 *	52.7	209.9	56,000 *	55.1	212.7	60,100 *	58.9	216.0	68,100 *										105
110	45.6	199.2	46,800 *	50.0	205.9	52,100 *	52.5	209.0	55,800 *	56.5	212.8	62,800 *										110
115	42.6	193.9	43,900 *	47.3	201.4	48,700 *	49.9	204.9	52,000 *	54.0	209.3	58,200 *	57.8	212.0	65,500 *							115
120	39.4	188.1	41,300 *	44.4	196.4	45,600 *	47.1	200.4	48,600 *	51.4	205.4	54,100 *	55.3	208.6	60,600 *							120
130	32.4	174.0	36,700 *	38.1	184.8	40,300 *	41.2	189.9	42,700 *	45.9	196.4	47,200 *	50.2	200.9	52,400 *							130
140	23.5	154.7	32,800 *	30.8	169.9	35,900 *	34.5	176.8	37,900 *	39.8	185.5	41,600 *	44.5	191.5	45,800 *	48.7	195.4	50,600 *				140
150	7.6	117.3	27,000 *	21.3	149.0	32,100 *	26.2	159.3	33,800 *	32.8	171.6	37,000 *	38.3	180.0	40,500 *	43.0	185.5	44,400 *	47.1	188.9	48,600 *	150
160							14.0	131.2	30,400 *	24.1	152.7	33,100 *	31.0	165.2	36,000 *	36.5	173.3	39,300 *	41.2	178.4	42,800 *	160
170										9.4	118.3	29,700 *	21.5	144.4	32,300 *	28.8	157.4	35,000 *	34.4	165.3	38,000 *	170
180																18.3	133.8	31,400 *	26.2	147.8	33,900 *	180
190																			13.9	119.6	30,400 *	190



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	103,800 *																70
75	65.3	235.8	80,900 *	68.6	238.6	94,900 *																75
80	63.1	233.4	73,900 *	66.5	236.5	85,700 *																80
85	61.0	230.7	67,900 *	64.4	234.1	78,000 *	66.4	235.6	85,400 *													85
90	58.7	227.7	62,700 *	62.3	231.6	71,500 *	64.3	233.2	77,700 *													90
95	56.5	224.5	58,100 *	60.1	228.8	65,800 *	62.2	230.7	71,200 *													95
100	54.1	220.9	54,000 *	57.8	225.7	60,800 *	60.0	227.9	65,500 *													100
105	51.7	217.1	50,400 *	55.5	222.4	56,400 *	57.7	224.8	60,600 *	61.2	227.6	68,700 *										105
110	49.2	212.9	47,100 *	53.2	218.7	52,500 *	55.4	221.4	56,200 *	59.0	224.7	63,300 *										110
115	46.6	208.3	44,200 *	50.7	214.7	49,100 *	53.1	217.7	52,400 *	56.7	221.5	58,700 *										115
120	43.9	203.3	41,500 *	48.2	210.4	45,900 *	50.6	213.7	48,900 *	54.4	218.0	54,500 *	57.9	220.7	61,100 *							120
130	38.0	191.5	36,900 *	42.8	200.4	40,600 *	45.4	204.6	43,000 *	49.5	210.0	47,600 *	53.3	213.7	52,800 *							130
140	31.2	176.8	32,800 *	36.8	188.2	36,000 *	39.7	193.5	38,100 *	44.3	200.5	41,900 *	48.3	205.4	46,100 *	52.0	208.5	50,900 *				140
150	22.6	156.7	29,300 *	29.7	172.6	32,100 *	33.2	179.8	33,900 *	38.4	189.0	37,200 *	42.9	195.5	40,700 *	47.0	199.8	44,600 *				150
160	7.3	117.9	22,700 *	20.5	150.8	28,700 *	25.3	161.5	30,300 *	31.7	174.4	33,100 *	36.9	183.3	36,200 *	41.4	189.4	39,500 *	45.4	193.1	43,100 *	160
170							13.5	132.3	27,100 *	23.2	154.8	29,600 *	29.9	167.9	32,200 *	35.2	176.5	35,100 *	39.7	182.1	38,100 *	170
180										9.0	119.1	26,400 *	20.8	146.3	28,800 *	27.8	159.8	31,300 *	33.2	168.3	33,900 *	180
190																17.7	135.4	28,000 *	25.2	150.0	30,300 *	190
200																			13.4	120.7	27,000 *	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	94,200 *																75
80	64.9	244.5	73,400 *	68.1	247.4	85,200 *																80
85	62.9	242.0	67,400 *	66.1	245.2	77,500 *	68.0	246.5	84,900 *													85
90	60.9	239.3	62,100 *	64.1	242.8	70,900 *	66.0	244.3	77,200 *													90
95	58.8	236.4	57,500 *	62.1	240.2	65,200 *	64.1	241.9	70,700 *													95
100	56.7	233.2	53,500 *	60.1	237.4	60,300 *	62.0	239.3	65,000 *													100
105	54.5	229.7	49,800 *	58.0	234.4	55,900 *	60.0	236.5	60,100 *													105
110	52.3	225.9	46,600 *	55.8	231.1	52,000 *	57.9	233.4	55,700 *	61.1	236.3	62,800 *										110
115	49.9	221.8	43,700 *	53.6	227.5	48,500 *	55.7	230.1	51,800 *	59.1	233.4	58,100 *										115
120	47.5	217.3	41,000 *	51.4	223.6	45,400 *	53.5	226.5	48,400 *	57.0	230.2	54,000 *										120
130	42.4	207.2	36,400 *	46.6	214.7	40,000 *	48.9	218.3	42,500 *	52.5	223.0	47,000 *	55.9	226.1	52,200 *							130
140	36.8	194.9	32,400 *	41.4	204.2	35,500 *	43.9	208.7	37,600 *	47.8	214.5	41,400 *	51.5	218.6	45,600 *							140
150	30.2	179.5	29,000 *	35.5	191.4	31,700 *	38.4	197.0	33,500 *	42.8	204.5	36,700 *	46.7	209.8	40,200 *	50.2	213.2	44,100 *				150
160	21.9	158.6	25,900 *	28.7	175.2	28,400 *	32.1	182.6	29,900 *	37.1	192.3	32,700 *	41.5	199.3	35,700 *	45.4	204.0	39,000 *				160
170	7.1	118.5	20,000 *	19.8	152.5	25,400 *	24.5	163.7	26,800 *	30.6	177.2	29,200 *	35.7	186.5	31,800 *	40.1	193.0	34,600 *	43.9	197.2	37,600 *	170
180							13.0	133.5	23,900 *	22.5	156.7	26,100 *	28.9	170.4	28,400 *	34.0	179.5	30,900 *	38.4	185.6	33,500 *	180
190										8.7	119.8	23,300 *	20.1	148.0	25,500 *	26.9	162.2	27,600 *	32.1	171.2	29,900 *	190
200																17.1	136.9	24,700 *	24.4	152.2	26,700 *	200
210																			12.9	121.8	23,900 *	210



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	85,300 *																80
85	64.7	253.2	67,800 *	67.6	256.1	78,100 *																85
90	62.8	250.7	62,400 *	65.8	253.9	71,400 *	67.5	255.2	77,800 *													90
95	60.8	248.0	57,700 *	63.9	251.5	65,600 *	65.7	253.0	71,100 *													95
100	58.9	245.0	53,600 *	62.0	248.9	60,500 *	63.8	250.6	65,400 *													100
105	56.9	241.8	49,900 *	60.1	246.1	56,100 *	61.9	248.0	60,300 *													105
110	54.8	238.4	46,600 *	58.1	243.0	52,100 *	60.0	245.2	55,900 *	63.0	247.6	63,100 *										110
115	52.7	234.7	43,600 *	56.1	239.8	48,600 *	58.0	242.1	52,000 *	61.1	244.9	58,400 *										115
120	50.6	230.7	41,000 *	54.0	236.2	45,400 *	56.0	238.8	48,500 *	59.1	242.0	54,200 *										120
130	46.0	221.6	36,300 *	49.7	228.2	40,000 *	51.8	231.4	42,500 *	55.1	235.4	47,100 *										130
140	41.1	210.9	32,300 *	45.1	218.9	35,400 *	47.3	222.7	37,500 *	50.8	227.8	41,300 *	54.1	231.2	45,600 *							140
150	35.6	198.1	28,800 *	40.1	207.8	31,600 *	42.5	212.6	33,400 *	46.3	218.8	36,600 *	49.8	223.3	40,200 *	53.0	226.1	40,000				150
160	29.3	182.1	25,800 *	34.4	194.5	28,200 *	37.2	200.4	29,800 *	41.4	208.3	32,600 *	45.2	214.0	35,600 *	48.6	217.8	36,300				160
170	21.2	160.5	23,200 *	27.8	177.6	25,300 *	31.1	185.4	26,700 *	36.0	195.6	29,100 *	40.2	203.0	31,700 *	43.9	208.1	33,000	47.3	211.3	31,200	170
180	6.8	119.1	17,800 *	19.2	154.2	22,700 *	23.7	165.8	23,900 *	29.7	179.8	26,000 *	34.6	189.7	28,300 *	38.8	196.6	30,200	42.5	201.1	28,400	180
190							12.6	134.5	21,400 *	21.8	158.7	23,400 *	28.0	172.9	25,400 *	33.0	182.5	27,500 *	37.2	188.9	26,000	190
200										8.5	120.5	20,900 *	19.5	149.7	22,800 *	26.0	164.5	24,700 *	31.1	174.0	23,800	200
210																16.6	138.3	22,100 *	23.7	154.3	21,800	210
220																			12.5	122.9	19,900	220



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	78,100 *																80
85	66.2	264.3	67,200 *	68.9	266.9	74,800 *																85
90	64.4	261.9	61,900 *	67.2	264.8	70,900 *																90
95	62.6	259.4	57,200 *	65.5	262.6	65,100 *	67.1	264.0	70,600 *													95
100	60.8	256.6	53,100 *	63.7	260.2	60,000 *	65.4	261.7	64,800 *													100
105	59.0	253.7	49,400 *	61.9	257.6	55,500 *	63.6	259.3	59,800 *													105
110	57.1	250.5	46,100 *	60.1	254.8	51,600 *	61.8	256.7	55,400 *													110
115	55.1	247.1	43,100 *	58.2	251.7	48,100 *	60.0	253.8	51,400 *	62.8	256.3	57,800 *										115
120	53.2	243.4	40,400 *	56.3	248.4	44,900 *	58.1	250.8	47,900 *	61.0	253.6	53,600 *										120
130	49.0	235.3	35,700 *	52.4	241.2	39,400 *	54.3	244.0	41,900 *	57.3	247.5	46,500 *										130
140	44.7	225.7	31,800 *	48.2	232.7	34,900 *	50.2	236.1	37,000 *	53.4	240.5	40,800 *	56.4	243.4	45,100 *							140
150	39.9	214.6	28,400 *	43.7	222.9	31,100 *	45.9	227.0	32,800 *	49.3	232.4	36,000 *	52.5	236.2	39,600 *							150
160	34.6	201.2	25,400 *	38.9	211.4	27,800 *	41.3	216.3	29,300 *	44.9	223.0	32,000 *	48.3	227.8	35,100 *	51.4	230.9	35,600				160
170	28.4	184.6	22,800 *	33.4	197.5	24,900 *	36.1	203.7	26,200 *	40.2	211.9	28,600 *	43.9	218.0	31,200 *	47.2	222.2	32,400				170
180	20.6	162.3	20,400 *	27.0	180.0	22,300 *	30.2	188.1	23,500 *	34.9	198.7	25,600 *	39.0	206.5	27,900 *	42.6	212.0	29,500	45.9	215.6	27,700	180
190	6.6	119.6	15,600 *	18.7	155.8	20,000 *	23.0	167.8	21,100 *	28.8	182.4	23,000 *	33.6	192.7	25,000 *	37.7	200.0	27,000	41.2	204.9	25,300	190
200							12.3	135.6	18,800 *	21.2	160.5	20,600 *	27.2	175.3	22,400 *	32.0	185.4	24,200 *	36.1	192.2	23,100	200
210										8.2	121.2	18,400 *	18.9	151.4	20,100 *	25.3	166.8	21,700 *	30.2	176.7	21,100	210
220																16.1	139.7	19,500 *	23.0	156.3	19,300	220
230																			12.2	123.9	17,600	230



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	70,000 *																85
90	65.8	273.0	61,400 *	68.5	275.7	66,900 *																90
95	64.2	270.6	56,700 *	66.8	273.6	63,800 *																95
100	62.5	268.0	52,600 *	65.2	271.3	59,500 *	66.8	272.7	63,400 *													100
105	60.8	265.3	48,900 *	63.5	268.9	55,000 *	65.1	270.4	59,300 *													105
110	59.0	262.4	45,600 *	61.8	266.2	51,100 *	63.4	268.0	54,900 *													110
115	57.2	259.2	42,600 *	60.1	263.4	47,600 *	61.7	265.3	50,900 *													115
120	55.4	255.8	39,900 *	58.3	260.4	44,400 *	60.0	262.5	47,400 *	62.7	265.0	53,100 *										120
130	51.6	248.3	35,200 *	54.7	253.7	38,900 *	56.4	256.2	41,400 *	59.2	259.3	46,000 *										130
140	47.7	239.7	31,300 *	50.9	246.0	34,400 *	52.7	249.0	36,500 *	55.6	252.9	40,300 *										140
150	43.4	229.7	27,900 *	46.8	237.1	30,600 *	48.8	240.7	32,300 *	51.9	245.4	35,500 *	54.8	248.7	39,100 *							150
160	38.8	218.1	25,000 *	42.5	226.8	27,300 *	44.6	231.1	28,800 *	47.9	236.9	31,500 *	51.0	241.0	34,600 *							160
170	33.6	204.3	22,400 *	37.8	214.8	24,400 *	40.1	220.0	25,800 *	43.7	227.0	28,100 *	46.9	232.1	30,700 *	49.9	235.6	31,800				170
180	27.6	187.1	20,000 *	32.5	200.4	21,900 *	35.1	206.8	23,100 *	39.1	215.5	25,200 *	42.6	221.9	27,400 *	45.8	226.4	28,900				180
190	20.0	164.0	17,900 *	26.3	182.4	19,600 *	29.4	190.8	20,700 *	33.9	201.8	22,500 *	37.9	210.0	24,500 *	41.4	215.8	26,400	44.6	219.7	24,700	190
200	6.4	120.2	13,500 *	18.2	157.4	17,600 *	22.4	169.8	18,500 *	28.0	184.9	20,200 *	32.6	195.6	22,000 *	36.6	203.3	23,800 *	40.1	208.6	22,500	200
210							11.9	136.6	16,500 *	20.6	162.3	18,100 *	26.4	177.7	19,700 *	31.1	188.2	21,300 *	35.1	195.4	20,600	210
220										8.0	121.9	16,100 *	18.4	153.0	17,600 *	24.6	168.9	19,100 *	29.4	179.3	18,800	220
230																15.6	141.1	17,100 *	22.3	158.3	17,100	230
240																			11.8	125.0	15,600	240



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	61,900 *																90
95	65.6	281.7	53,900 *	68.1	284.4	58,900 *																95
100	64.0	279.3	51,000 *	66.5	282.3	56,000 *	68.0	283.6	58,400 *													100
105	62.4	276.7	48,300 *	64.9	280.0	53,100 *	66.4	281.4	55,600 *													105
110	60.7	274.0	45,000 *	63.3	277.5	50,300 *	64.8	279.1	52,900 *													110
115	59.1	271.0	42,100 *	61.7	274.9	47,000 *	63.3	276.6	50,200 *													115
120	57.4	267.9	39,400 *	60.1	272.1	43,800 *	61.6	274.0	46,900 *													120
130	53.9	260.9	34,700 *	56.7	265.8	38,400 *	58.3	268.1	40,900 *	60.9	270.9	45,500 *										130
140	50.2	253.0	30,700 *	53.2	258.7	33,800 *	54.9	261.4	35,900 *	57.6	264.9	39,700 *										140
150	46.4	244.0	27,300 *	49.5	250.6	30,000 *	51.3	253.8	31,800 *	54.1	258.0	35,000 *	56.8	260.8	38,600 *							150
160	42.2	233.6	24,400 *	45.6	241.3	26,700 *	47.5	245.1	28,300 *	50.5	250.2	31,000 *	53.3	253.7	34,000 *							160
170	37.7	221.5	21,900 *	41.4	230.6	23,900 *	43.4	235.1	25,200 *	46.6	241.2	27,600 *	49.6	245.6	30,200 *	52.3	248.5	31,100				170
180	32.7	207.2	19,600 *	36.8	218.2	21,400 *	39.0	223.6	22,600 *	42.5	230.9	24,600 *	45.7	236.4	26,900 *	48.6	240.1	28,300				180
190	26.9	189.5	17,500 *	31.6	203.2	19,200 *	34.2	209.9	20,200 *	38.0	219.0	22,100 *	41.5	225.7	24,000 *	44.6	230.6	25,800	47.4	233.7	24,000	190
200	19.5	165.7	15,600 *	25.6	184.6	17,100 *	28.6	193.3	18,100 *	33.1	204.8	19,700 *	36.9	213.3	21,500 *	40.3	219.5	23,300 *	43.4	223.7	21,800	200
210	6.3	120.7	11,600 *	17.7	159.0	15,300 *	21.8	171.7	16,200 *	27.3	187.3	17,700 *	31.8	198.5	19,200 *	35.6	206.5	20,900 *	39.0	212.1	19,900	210
220							11.6	137.6	14,400 *	20.0	164.1	15,800 *	25.8	180.0	17,200 *	30.3	190.9	18,700 *	34.2	198.5	18,100	220
230										7.8	122.5	14,000 *	17.9	154.5	15,300 *	23.9	171.1	16,700 *	28.6	181.8	16,500	230
240																15.2	142.4	14,900 *	21.8	160.2	15,000	240
250																			11.5	125.9	13,600	250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	192,000 * c																45
50	57.6	168.6	137,100 * b	65.9	172.7	173,400 * b																50
55	52.5	164.9	119,800 *	61.3	170.1	154,100 * b	66.2	172.0	173,100 * b													55
60	47.1	160.5	106,200 *	56.5	167.0	132,900 * b	61.6	169.4	155,600 * b													60
65	41.1	155.2	95,200 *	51.4	163.2	116,600 *	56.8	166.3	134,000 * b													65
70	34.2	148.5	86,100 *	45.8	158.6	103,600 *	51.7	162.6	117,400 *	60.4	166.6	142,100 b										70
75	25.8	139.4	78,500 *	39.7	153.0	93,100 *	46.1	158.0	104,300 *	55.5	163.4	129,300 *										75
80	12.6	124.1	71,900 *	32.5	145.9	84,400 *	40.0	152.5	93,700 *	50.3	159.4	113,700 *										80
85				23.5	136.0	77,000 *	33.0	145.5	84,800 *	44.6	154.7	101,300 *	53.9	159.4	108,500							85
90				6.3	115.8	70,400 *	24.1	135.9	77,400 *	38.3	148.8	91,200 *	48.6	155.3	101,100							90
95							8.4	117.5	71,000 *	30.9	141.2	82,800 *	42.8	150.2	94,600	52.0	154.5	91,900				95
100										21.2	130.5	75,700 *	36.2	143.9	88,500 *	46.5	150.0	86,300				100
105													28.2	135.6	80,500 *	40.5	144.6	81,300				105
110													17.1	123.0	73,700 *	33.5	137.7	76,700	44.0	143.6	74,600	110
115																24.8	128.3	72,600	37.6	137.6	70,600	115
120																10.4	111.5	68,700	30.1	129.9	66,900	120



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	170,300 *b																50
55	57.9	177.2	120,500 *	65.2	181.4	155,100 *b																55
60	53.5	173.7	106,800 *	61.2	178.8	133,700 *b	65.4	180.7	155,300 *b													60
65	48.9	169.5	95,600 *	56.9	175.7	117,200 *	61.4	178.1	134,800 *b													65
70	43.8	164.6	86,500 *	52.5	172.0	104,100 *	57.2	175.0	118,100 *													70
75	38.3	158.7	78,800 *	47.8	167.7	93,500 *	52.8	171.4	104,800 *	60.3	175.3	129,900										75
80	31.9	151.3	72,200 *	42.7	162.6	84,700 *	48.1	167.1	94,100 *	56.1	172.1	114,300 *										80
85	24.0	141.5	66,600 *	36.9	156.4	77,300 *	43.0	162.0	85,200 *	51.6	168.3	101,800 *										85
90	11.7	125.1	61,600 *	30.3	148.6	70,900 *	37.3	155.9	77,700 *	46.8	163.8	91,600 *	54.7	168.2	100,600							90
95				21.9	138.0	65,400 *	30.7	148.2	71,300 *	41.5	158.5	83,100 *	50.1	164.2	94,100							95
100				5.8	116.2	60,400 *	22.4	137.8	65,700 *	35.7	152.0	75,900 *	45.2	159.5	88,300							100
105							7.8	118.1	60,800 *	28.8	143.8	69,800 *	39.8	153.9	80,800 *	48.4	159.1	80,700				105
110										19.7	132.2	64,400 *	33.7	146.9	74,000 *	43.3	154.1	76,200				110
115													26.3	138.0	68,100 *	37.7	148.0	72,100	46.3	152.8	70,000	115
120													15.9	124.4	63,000 *	31.2	140.5	68,400	41.0	147.4	66,400	120
130																9.7	112.3	61,300 *	28.0	132.3	60,000	130



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	152,000 * ^b																55
60	58.1	185.9	107,100 *	64.6	190.1	134,300 *																60
65	54.3	182.5	95,900 *	61.0	187.4	117,700 *	64.8	189.4	135,400 *													65
70	50.2	178.5	86,700 *	57.3	184.4	104,500 *	61.2	186.7	118,500 *													70
75	45.9	173.8	79,000 *	53.4	180.8	93,800 *	57.5	183.7	105,200 *													75
80	41.2	168.4	72,400 *	49.3	176.7	84,900 *	53.6	180.2	94,400 *	60.3	183.9	114,800 *										80
85	36.0	162.0	66,700 *	44.9	171.9	77,400 *	49.5	176.1	85,400 *	56.5	180.8	102,200 *										85
90	30.0	154.0	61,700 *	40.1	166.3	71,100 *	45.1	171.3	77,900 *	52.6	177.1	91,900 *										90
95	22.6	143.5	57,300 *	34.7	159.5	65,500 *	40.3	165.7	71,400 *	48.4	172.8	83,300 *	55.3	176.9	93,700							95
100	11.0	126.0	53,400 *	28.5	151.1	60,700 *	35.0	159.1	65,900 *	43.9	167.9	76,100 *	51.3	173.1	87,900							100
105				20.6	139.7	56,500 *	28.9	150.8	61,000 *	39.0	162.1	69,900 *	47.0	168.6	81,000 *							105
110				5.5	116.6	52,400 *	21.1	139.7	56,700 *	33.5	155.0	64,600 *	42.5	163.4	74,200 *	49.8	168.0	75,800				110
115							7.3	118.7	52,800 *	27.0	146.2	59,900 *	37.4	157.3	68,200 *	45.4	163.3	71,700				115
120										18.5	133.8	55,700 *	31.7	149.8	63,100 *	40.7	157.8	68,000	48.0	161.9	65,900	120
130													15.0	125.6	54,500 *	29.4	143.1	61,400 *	38.5	150.9	59,700	130
140																9.1	113.0	53,200 *	26.4	134.7	54,300	140



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	149,300 *b																55
60	61.7	197.6	107,200 *	67.3	201.1	134,400 *																60
65	58.3	194.6	95,900 *	64.2	198.8	117,700 *	67.5	200.4	135,600 *													65
70	54.9	191.2	86,600 *	60.9	196.1	104,500 *	64.4	198.1	118,600 *													70
75	51.3	187.3	78,900 *	57.6	193.0	93,700 *	61.1	195.4	105,200 *													75
80	47.4	182.9	72,200 *	54.1	189.6	84,800 *	57.8	192.4	94,300 *													80
85	43.4	177.9	66,500 *	50.4	185.6	77,300 *	54.3	188.9	85,300 *	60.2	192.6	102,200 *										85
90	38.9	172.0	61,500 *	46.5	181.0	70,900 *	50.6	185.0	77,700 *	56.9	189.5	91,800 *										90
95	34.0	165.0	57,100 *	42.4	175.8	65,400 *	46.8	180.4	71,300 *	53.3	185.9	83,200 *										95
100	28.4	156.5	53,300 *	37.9	169.7	60,500 *	42.6	175.3	65,700 *	49.6	181.8	76,000 *	55.8	185.6	87,400							100
105	21.4	145.4	49,800 *	32.8	162.5	56,300 *	38.2	169.2	60,800 *	45.7	177.1	69,800 *	52.2	181.9	80,900 *							105
110	10.4	126.9	46,600 *	27.0	153.5	52,500 *	33.1	162.1	56,500 *	41.5	171.7	64,400 *	48.5	177.6	74,000 *							110
115				19.5	141.4	49,100 *	27.3	153.2	52,700 *	36.9	165.4	59,700 *	44.5	172.8	68,100 *	50.9	176.9	71,100				115
120				5.1	117.0	45,900 *	20.0	141.4	49,300 *	31.7	157.9	55,500 *	40.1	167.1	62,900 *	47.1	172.4	67,500				120
130										17.5	135.3	48,500 *	30.0	152.5	54,400 *	38.5	161.3	61,000	45.3	166.1	59,100	130
140													14.2	126.9	47,600 *	27.8	145.6	53,100 *	36.4	154.2	53,800	140
150																8.6	113.7	46,500 *	24.9	136.9	49,200	150



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	135,200 *																60
65	61.5	206.2	98,600 *	66.7	209.8	121,200 *																65
70	58.5	203.2	89,000 *	63.8	207.5	107,500 *	66.9	209.1	122,100 *													70
75	55.4	199.9	81,000 *	60.8	204.8	96,300 *	64.0	206.7	108,200 *													75
80	52.1	196.1	74,100 *	57.8	201.7	87,100 *	61.0	204.1	96,900 *													80
85	48.7	191.9	68,200 *	54.6	198.3	79,400 *	58.0	201.0	87,600 *													85
90	45.1	187.1	63,100 *	51.3	194.4	72,700 *	54.8	197.6	79,800 *	60.2	201.3	94,400 *										90
95	41.2	181.6	58,600 *	47.9	190.1	67,000 *	51.5	193.8	73,100 *	57.2	198.1	85,500 *										95
100	37.0	175.4	54,600 *	44.2	185.1	62,100 *	48.1	189.5	67,400 *	54.0	194.6	78,000 *										100
105	32.4	167.9	51,000 *	40.3	179.5	57,700 *	44.4	184.6	62,300 *	50.6	190.7	71,600 *	56.2	194.3	81,700							105
110	27.0	158.9	47,800 *	36.0	173.0	53,800 *	40.5	179.0	57,900 *	47.2	186.2	66,000 *	53.0	190.7	75,900 *							110
115	20.3	147.1	44,900 *	31.2	165.3	50,300 *	36.3	172.5	54,000 *	43.4	181.1	61,200 *	49.6	186.6	69,800 *							115
120	9.9	127.7	39,900 *	25.7	155.8	47,200 *	31.5	164.9	50,500 *	39.5	175.3	56,900 *	46.0	181.9	64,500 *	51.8	185.7	67,000				120
130				4.8	117.3	39,500 *	19.0	143.0	44,500 *	30.2	160.6	49,700 *	38.2	170.6	55,700 *	44.7	176.6	60,500				130
140										16.7	136.7	43,800 *	28.5	155.0	48,700 *	36.6	164.7	54,300 *	43.1	170.1	53,300	140
150													13.5	128.0	43,100 *	26.4	147.9	47,600 *	34.7	157.4	48,700	150
160																8.1	114.4	42,100 *	23.7	139.0	44,800	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	120,900 *																65
70	61.4	214.9	88,700 *	66.1	218.6	107,200 *																70
75	58.6	211.9	80,600 *	63.5	216.1	96,000 *	66.3	217.8	107,900 *													75
80	55.8	208.6	73,700 *	60.8	213.4	86,800 *	63.6	215.4	96,600 *													80
85	52.8	204.9	67,800 *	58.0	210.4	79,000 *	60.9	212.7	87,300 *													85
90	49.7	200.8	62,700 *	55.1	207.0	72,400 *	58.1	209.7	79,400 *	62.9	212.7	94,000 *										90
95	46.5	196.2	58,200 *	52.1	203.2	66,600 *	55.3	206.4	72,700 *	60.2	209.9	85,100 *										95
100	43.0	191.1	54,200 *	49.0	199.0	61,700 *	52.3	202.6	67,000 *	57.4	206.8	77,600 *										100
105	39.4	185.3	50,600 *	45.7	194.3	57,300 *	49.2	198.4	61,900 *	54.5	203.4	71,200 *										105
110	35.4	178.6	47,400 *	42.2	189.0	53,400 *	45.9	193.8	57,500 *	51.5	199.5	65,600 *	56.5	203.0	75,600 *							110
115	30.9	170.7	44,500 *	38.5	183.0	49,900 *	42.4	188.5	53,600 *	48.3	195.2	60,700 *	53.6	199.4	69,400 *							115
120	25.8	161.2	41,900 *	34.4	176.1	46,800 *	38.7	182.5	50,100 *	45.0	190.4	56,500 *	50.5	195.4	64,100 *							120
130	9.4	128.5	35,200 *	24.5	158.0	41,400 *	30.1	167.6	44,100 *	37.7	178.8	49,300 *	44.0	186.0	55,300 *	49.4	190.4	60,000				130
140				4.6	117.7	34,900 *	18.2	144.6	39,200 *	28.8	163.2	43,400 *	36.5	173.9	48,300 *	42.7	180.5	53,900 *	48.0	184.2	52,700	140
150										15.9	138.1	38,600 *	27.2	157.4	42,700 *	35.0	167.8	47,200 *	41.1	173.9	48,200	150
160													12.9	129.1	37,900 *	25.3	150.1	41,800 *	33.1	160.4	44,300	160
170																7.7	115.0	37,200 *	22.7	141.0	40,700 *	170



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	120,300 *																65
70	63.8	226.2	89,300 *	68.1	229.5	108,100 *																70
75	61.3	223.5	81,100 *	65.7	227.3	96,800 *																75
80	58.7	220.6	74,100 *	63.2	224.8	87,400 *	65.8	226.5	97,400 *													80
85	56.1	217.3	68,100 *	60.7	222.1	79,500 *	63.4	224.1	87,900 *													85
90	53.4	213.7	62,900 *	58.1	219.1	72,700 *	60.9	221.4	79,900 *													90
95	50.6	209.7	58,300 *	55.5	215.7	66,900 *	58.3	218.4	73,100 *	62.7	221.4	85,700 *										95
100	47.6	205.3	54,300 *	52.8	212.0	61,900 *	55.6	215.1	67,300 *	60.2	218.6	78,000 *										100
105	44.5	200.4	50,700 *	49.9	207.9	57,400 *	52.9	211.4	62,200 *	57.6	215.5	71,500 *										105
110	41.2	194.9	47,500 *	46.9	203.4	53,500 *	50.1	207.3	57,700 *	54.9	212.1	65,900 *										110
115	37.7	188.7	44,500 *	43.8	198.4	50,000 *	47.1	202.8	53,700 *	52.2	208.3	61,000 *	56.8	211.7	69,700 *							115
120	33.9	181.6	41,900 *	40.5	192.7	46,800 *	44.0	197.8	50,200 *	49.3	204.1	56,600 *	54.1	208.2	64,300 *							120
130	24.8	163.4	37,300 *	33.0	179.1	41,400 *	37.1	185.9	44,100 *	43.1	194.4	49,300 *	48.4	200.0	55,400 *							130
140	9.0	129.2	31,400 *	23.5	160.0	36,800 *	28.9	170.2	39,200 *	36.1	182.0	43,500 *	42.1	189.9	48,400 *	47.3	194.8	54,100 *				140
150				4.4	118.0	31,100 *	17.4	146.1	35,000 *	27.7	165.6	38,600 *	35.0	177.1	42,700 *	40.9	184.3	47,300 *	46.0	188.5	48,000	150
160										15.3	139.4	34,500 *	26.1	159.7	37,900 *	33.5	170.8	41,800 *	39.4	177.5	44,100	160
170													12.3	130.1	33,900 *	24.2	152.3	37,200 *	31.8	163.2	40,600 *	170
180																7.4	115.6	33,300 *	21.8	142.9	36,300 *	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	107,800 *																70
75	63.5	234.9	80,600 *	67.5	238.2	96,400 *																75
80	61.2	232.2	73,700 *	65.3	236.0	86,900 *	67.7	237.5	97,000 *													80
85	58.8	229.2	67,700 *	63.0	233.5	79,000 *	65.4	235.2	87,500 *													85
90	56.4	226.0	62,500 *	60.7	230.7	72,300 *	63.1	232.8	79,500 *													90
95	53.9	222.5	57,900 *	58.3	227.7	66,500 *	60.8	230.0	72,700 *													95
100	51.3	218.6	53,800 *	55.8	224.4	61,400 *	58.4	227.1	66,800 *	62.5	230.0	77,600 *										100
105	48.6	214.3	50,200 *	53.3	220.8	57,000 *	56.0	223.8	61,700 *	60.2	227.2	71,100 *										105
110	45.8	209.5	47,000 *	50.7	216.8	53,000 *	53.4	220.2	57,200 *	57.8	224.2	65,400 *										110
115	42.8	204.3	44,100 *	48.0	212.4	49,500 *	50.8	216.2	53,300 *	55.3	220.8	60,500 *										115
120	39.7	198.5	41,400 *	45.1	207.6	46,300 *	48.1	211.8	49,700 *	52.8	217.1	56,200 *	57.0	220.4	63,900 *							120
130	32.6	184.5	36,800 *	38.9	196.3	40,900 *	42.3	201.7	43,700 *	47.4	208.6	48,900 *	52.0	213.1	55,000 *							130
140	23.8	165.5	32,900 *	31.8	181.9	36,400 *	35.7	189.1	38,700 *	41.5	198.2	43,000 *	46.5	204.3	47,900 *	51.0	208.1	53,600 *				140
150	8.7	129.9	27,800 *	22.6	162.0	32,500 *	27.8	172.6	34,500 *	34.8	185.2	38,100 *	40.5	193.6	42,200 *	45.5	199.0	46,800 *				150
160				4.2	118.3	27,600 *	16.8	147.6	30,900 *	26.6	168.0	34,000 *	33.6	180.1	37,500 *	39.4	187.9	41,300 *	44.2	192.6	43,500	160
170										14.7	140.7	30,500 *	25.2	162.0	33,500 *	32.3	173.7	36,700 *	37.9	180.9	40,000 *	170
180													11.9	131.1	30,100 *	23.3	154.3	32,900 *	30.6	165.9	35,900 *	180
190																7.1	116.2	29,500 *	20.9	144.7	32,100 *	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	97,400 *																75
80	63.3	243.5	74,400 *	67.0	246.9	87,800 *																80
85	61.1	240.9	68,300 *	64.9	244.7	79,800 *	67.2	246.2	88,300 *													85
90	58.9	237.9	63,000 *	62.8	242.2	73,000 *	65.1	243.9	80,200 *													90
95	56.6	234.7	58,400 *	60.6	239.4	67,100 *	62.9	241.4	73,400 *													95
100	54.3	231.2	54,300 *	58.4	236.4	61,900 *	60.7	238.7	67,400 *													100
105	51.9	227.4	50,600 *	56.1	233.1	57,400 *	58.5	235.7	62,200 *	62.4	238.7	71,700 *										105
110	49.4	223.2	47,300 *	53.8	229.5	53,400 *	56.2	232.5	57,700 *	60.2	235.9	66,000 *										110
115	46.8	218.6	44,400 *	51.3	225.7	49,900 *	53.9	228.9	53,700 *	57.9	232.8	61,000 *										115
120	44.1	213.6	41,700 *	48.8	221.4	46,700 *	51.5	225.0	50,100 *	55.6	229.5	56,600 *										120
130	38.2	202.0	37,000 *	43.5	211.6	41,200 *	46.4	216.2	44,000 *	50.8	221.9	49,200 *	54.9	225.6	55,400 *							130
140	31.5	187.4	33,100 *	37.5	199.7	36,600 *	40.8	205.5	38,900 *	45.7	212.8	43,300 *	50.1	217.8	48,200 *							140
150	23.0	167.5	29,600 *	30.6	184.7	32,700 *	34.4	192.2	34,700 *	40.0	201.8	38,300 *	44.8	208.5	42,500 *	49.2	212.7	47,100 *				150
160	8.3	130.6	23,900 *	21.8	163.9	29,300 *	26.8	175.0	31,100 *	33.5	188.2	34,200 *	39.1	197.2	37,700 *	43.8	203.1	41,600 *				160
170				4.1	118.7	23,800 *	16.2	149.0	27,800 *	25.7	170.3	30,600 *	32.4	183.0	33,700 *	37.9	191.3	36,900 *	42.6	196.5	39,400 *	170
180										14.2	141.9	27,400 *	24.3	164.1	30,100 *	31.1	176.5	33,000 *	36.6	184.2	36,000 *	180
190													11.4	132.1	26,900 *	22.5	156.3	29,500 *	29.5	168.6	32,200 *	190
200																6.9	116.8	26,300 *	20.2	146.5	28,800 *	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	94,200 *																75
80	65.1	254.7	73,900 *	68.5	257.8	87,300 *																80
85	63.1	252.2	67,800 *	66.6	255.7	79,300 *																85
90	61.0	249.5	62,500 *	64.6	253.3	72,500 *	66.7	254.9	79,700 *													90
95	59.0	246.6	57,800 *	62.6	250.8	66,600 *	64.7	252.6	72,800 *													95
100	56.8	243.4	53,700 *	60.6	248.1	61,400 *	62.7	250.1	66,900 *													100
105	54.7	239.9	50,100 *	58.5	245.1	56,900 *	60.7	247.4	61,700 *													105
110	52.4	236.2	46,800 *	56.4	241.8	52,900 *	58.6	244.4	57,200 *	62.2	247.4	65,500 *										110
115	50.1	232.1	43,800 *	54.2	238.3	49,300 *	56.5	241.1	53,100 *	60.2	244.6	60,500 *										115
120	47.7	227.7	41,200 *	51.9	234.5	46,100 *	54.3	237.6	49,600 *	58.1	241.5	56,100 *										120
130	42.6	217.6	36,500 *	47.2	225.8	40,600 *	49.7	229.7	43,400 *	53.7	234.6	48,700 *	57.4	237.7	50,900							130
140	37.0	205.4	32,600 *	42.0	215.5	36,100 *	44.8	220.3	38,400 *	49.1	226.5	42,700 *	53.0	230.7	45,800							140
150	30.4	190.1	29,200 *	36.3	203.0	32,200 *	39.4	209.1	34,200 *	44.1	216.9	37,800 *	48.4	222.3	41,500	52.2	225.7	38,900				150
160	22.2	169.5	26,200 *	29.6	187.3	28,900 *	33.3	195.2	30,600 *	38.7	205.4	33,700 *	43.3	212.5	37,100 *	47.5	217.2	35,300				160
170	8.1	131.3	21,100 *	21.1	165.8	25,900 *	26.0	177.3	27,500 *	32.4	191.1	30,200 *	37.8	200.6	33,100 *	42.4	207.0	32,200	46.4	210.9	30,100	170
180				3.9	119.0	21,100 *	15.6	150.3	24,600 *	24.8	172.4	27,100 *	31.4	185.8	29,700 *	36.7	194.7	29,400	41.2	200.3	27,400	180
190										13.7	143.1	24,200 *	23.5	166.2	26,600 *	30.1	179.2	26,900	35.4	187.4	25,000	190
200													11.1	133.1	23,800 *	21.8	158.2	24,600	28.5	171.1	22,900	200
210																6.6	117.3	22,400	19.5	148.2	20,900	210



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	85,600 *																80
85	64.8	263.4	68,200 *	68.1	266.5	79,900 *																85
90	62.9	260.9	62,800 *	66.2	264.4	73,000 *																90
95	61.0	258.2	58,100 *	64.4	262.0	66,900 *	66.3	263.6	73,300 *													95
100	59.0	255.2	53,900 *	62.5	259.5	61,700 *	64.5	261.3	67,300 *													100
105	57.0	252.1	50,200 *	60.5	256.7	57,100 *	62.6	258.8	62,000 *													105
110	55.0	248.6	46,800 *	58.6	253.7	53,000 *	60.7	256.0	57,400 *													110
115	52.9	244.9	43,800 *	56.6	250.5	49,400 *	58.7	253.1	53,300 *	62.1	256.0	60,800 *										115
120	50.7	240.9	41,100 *	54.5	247.0	46,200 *	56.7	249.8	49,600 *	60.1	253.2	56,300 *										120
130	46.2	231.9	36,400 *	50.2	239.2	40,600 *	52.5	242.6	43,400 *	56.2	246.9	48,800 *										130
140	41.3	221.3	32,400 *	45.7	230.0	36,000 *	48.1	234.2	38,300 *	52.0	239.5	42,700 *	55.5	243.1	45,400							140
150	35.8	208.6	29,000 *	40.7	219.2	32,100 *	43.4	224.3	34,000 *	47.5	230.9	37,700 *	51.3	235.5	41,100							150
160	29.5	192.7	26,100 *	35.2	206.2	28,700 *	38.2	212.5	30,400 *	42.7	220.8	33,600 *	46.8	226.7	37,100 *	50.5	230.5	34,900				160
170	21.5	171.4	23,400 *	28.7	189.9	25,800 *	32.3	198.1	27,300 *	37.4	208.8	30,000 *	42.0	216.3	33,000 *	46.0	221.4	31,800				170
180	7.8	132.0	18,800 *	20.5	167.6	23,100 *	25.2	179.6	24,500 *	31.4	193.9	27,000 *	36.6	203.9	29,500 *	41.0	210.7	29,000	45.0	215.1	27,000	180
190				3.8	119.2	18,800 *	15.1	151.6	22,000 *	24.1	174.6	24,200 *	30.4	188.6	26,500 *	35.5	197.9	26,500	39.9	204.0	24,700	190
200										13.3	144.2	21,700 *	22.7	168.2	23,800 *	29.2	181.8	24,300	34.3	190.5	22,500	200
210													10.7	134.0	21,300 *	21.1	160.1	22,300	27.6	173.6	20,600	210
220																6.4	117.8	20,300	18.9	149.8	18,800	220



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	78,500 *																80
85	66.3	274.4	67,600 *	69.3	277.3	75,200 *																85
90	64.5	272.1	62,200 *	67.6	275.3	72,000 *																90
95	62.7	269.6	57,500 *	65.9	273.1	66,400 *	67.7	274.5	71,700 *													95
100	60.9	266.8	53,300 *	64.1	270.7	61,200 *	66.0	272.4	66,700 *													100
105	59.1	263.9	49,600 *	62.3	268.2	56,600 *	64.2	270.0	61,500 *													105
110	57.2	260.7	46,300 *	60.5	265.4	52,500 *	62.4	267.4	56,800 *													110
115	55.3	257.3	43,300 *	58.7	262.4	48,900 *	60.6	264.7	52,700 *													115
120	53.3	253.7	40,600 *	56.8	259.2	45,600 *	58.8	261.7	49,100 *	62.0	264.7	55,700 *										120
130	49.2	245.6	35,900 *	52.9	252.0	40,100 *	54.9	255.1	42,900 *	58.3	258.9	48,200 *										130
140	44.8	236.1	31,900 *	48.7	243.8	35,400 *	50.9	247.4	37,800 *	54.4	252.1	42,200 *	57.7	255.1	44,700							140
150	40.1	225.0	28,500 *	44.3	234.1	31,500 *	46.7	238.5	33,500 *	50.4	244.3	37,200 *	53.8	248.2	40,400							150
160	34.8	211.7	25,600 *	39.5	222.8	28,200 *	42.1	228.2	29,900 *	46.1	235.2	33,000 *	49.8	240.2	36,500 *							160
170	28.6	195.3	23,000 *	34.1	209.3	25,300 *	37.1	215.9	26,800 *	41.5	224.6	29,500 *	45.4	230.9	32,500 *	49.0	235.1	31,100				170
180	20.9	173.2	20,600 *	27.9	192.4	22,800 *	31.3	200.9	24,100 *	36.3	212.1	26,400 *	40.7	220.1	29,000 *	44.6	225.6	28,300				180
190	7.6	132.6	16,400 *	19.9	169.3	20,400 *	24.4	181.7	21,600 *	30.5	196.7	23,800 *	35.5	207.1	26,000 *	39.8	214.4	25,900	43.6	219.1	24,000	190
200				3.7	119.5	16,500 *	14.7	152.9	19,400 *	23.4	176.6	21,300 *	29.5	191.2	23,400 *	34.5	201.0	23,700	38.7	207.5	21,800	200
210										12.9	145.3	19,100 *	22.1	170.1	21,000 *	28.3	184.3	21,600	33.3	193.5	19,900	210
220													10.4	134.9	18,700 *	20.5	161.9	19,800	26.8	175.9	18,200	220
230																6.2	118.3	18,000	18.4	151.4	16,600	230



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	70,400 *																85
90	66.0	283.1	61,500 *	68.9	286.1	67,400 *																90
95	64.3	280.8	57,000 *	67.2	284.0	64,300 *																95
100	62.6	278.2	52,900 *	65.6	281.8	60,700 *	67.3	283.3	64,100 *													100
105	60.9	275.5	49,100 *	63.9	279.4	56,100 *	65.7	281.1	61,000 *													105
110	59.1	272.6	45,800 *	62.2	276.8	52,000 *	64.0	278.7	56,300 *													110
115	57.3	269.4	42,800 *	60.5	274.0	48,400 *	62.3	276.1	52,300 *													115
120	55.5	266.1	40,100 *	58.7	271.1	45,100 *	60.6	273.3	48,600 *													120
130	51.8	258.6	35,400 *	55.1	264.5	39,600 *	57.0	267.2	42,400 *	60.1	270.5	47,700 *										130
140	47.8	250.0	31,400 *	51.3	256.9	34,900 *	53.4	260.2	37,300 *	56.6	264.3	41,700 *										140
150	43.5	240.1	28,000 *	47.3	248.2	31,000 *	49.5	252.1	33,000 *	52.9	257.1	36,700 *	56.0	260.5	39,800							150
160	38.9	228.6	25,100 *	43.1	238.1	27,700 *	45.4	242.7	29,400 *	49.0	248.9	32,500 *	52.3	253.1	36,000 *							160
170	33.8	214.8	22,500 *	38.4	226.3	24,800 *	40.9	231.9	26,300 *	44.8	239.4	29,000 *	48.3	244.7	32,000 *	51.6	248.2	30,500				170
180	27.8	197.8	20,300 *	33.2	212.3	22,300 *	36.0	219.2	23,600 *	40.3	228.3	25,900 *	44.1	235.0	28,500 *	47.6	239.5	27,700				180
190	20.3	175.0	18,100 *	27.1	194.8	20,000 *	30.5	203.7	21,200 *	35.3	215.3	23,300 *	39.6	223.7	25,500 *	43.3	229.6	25,300	46.7	233.3	23,300	190
200	7.4	133.2	14,300 *	19.3	171.0	17,900 *	23.7	183.8	19,000 *	29.7	199.3	20,900 *	34.5	210.2	22,900 *	38.7	217.9	23,100	42.4	223.0	21,200	200
210				3.5	119.8	14,400 *	14.3	154.1	17,000 *	22.7	178.6	18,800 *	28.7	193.7	20,600 *	33.5	204.0	21,100	37.7	210.9	19,300	210
220										12.5	146.4	16,800 *	21.5	172.0	18,400 *	27.5	186.8	19,300	32.3	196.4	17,600	220
230													10.1	135.7	16,400 *	19.9	163.6	17,600	26.1	178.3	16,000	230
240																6.0	118.8	16,000	17.9	153.0	14,600	240



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	62,300 *																90
95	65.7	291.8	54,000 *	68.4	294.9	59,400 *																95
100	64.1	289.5	51,200 *	66.9	292.8	56,500 *																100
105	62.5	286.9	48,400 *	65.3	290.5	53,700 *	67.0	292.0	56,400 *													105
110	60.8	284.2	45,300 *	63.7	288.1	51,000 *	65.4	289.8	53,700 *													110
115	59.2	281.2	42,300 *	62.1	285.5	47,800 *	63.8	287.4	51,000 *													115
120	57.5	278.1	39,500 *	60.5	282.7	44,600 *	62.2	284.8	48,000 *													120
130	54.0	271.2	34,800 *	57.1	276.6	39,000 *	58.9	279.0	41,800 *	61.8	282.0	47,200 *										130
140	50.4	263.3	30,800 *	53.6	269.5	34,400 *	55.5	272.5	36,700 *	58.5	276.2	41,100 *										140
150	46.5	254.3	27,400 *	49.9	261.6	30,500 *	51.9	265.1	32,400 *	55.0	269.5	36,100 *	57.9	272.4	39,100							150
160	42.4	244.0	24,500 *	46.1	252.4	27,100 *	48.1	256.6	28,800 *	51.4	262.0	32,000 *	54.5	265.6	35,400							160
170	37.9	232.0	22,000 *	41.9	241.9	24,200 *	44.1	246.8	25,700 *	47.6	253.3	28,400 *	50.8	257.9	31,400 *							170
180	32.9	217.7	19,700 *	37.4	229.7	21,700 *	39.8	235.6	23,000 *	43.6	243.4	25,400 *	47.0	249.1	27,900 *	50.2	252.9	27,000				180
190	27.1	200.2	17,700 *	32.3	215.2	19,500 *	35.1	222.3	20,600 *	39.2	231.9	22,700 *	42.9	239.0	24,900 *	46.3	243.8	24,600				190
200	19.8	176.7	15,800 *	26.4	197.1	17,500 *	29.7	206.3	18,500 *	34.4	218.4	20,400 *	38.5	227.2	22,300 *	42.2	233.4	22,400	45.5	237.5	20,500	200
210	7.2	133.8	12,300 *	18.8	172.7	15,600 *	23.1	185.8	16,600 *	28.9	201.9	18,300 *	33.6	213.3	20,100 *	37.7	221.3	20,400	41.2	226.8	18,700	210
220				3.4	120.1	12,400 *	13.9	155.4	14,800 *	22.1	180.6	16,400 *	28.0	196.2	18,000 *	32.7	206.9	18,600	36.7	214.3	16,900	220
230										12.2	147.5	14,600 *	20.9	173.8	16,100 *	26.8	189.2	17,000	31.5	199.3	15,400	230
240													9.8	136.6	14,300 *	19.4	165.3	15,500	25.4	180.5	13,900	240
250																5.9	119.3	13,900 *	17.4	154.5	12,600	250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	166,400 *b																50
55	52.9	175.2	120,900 *	62.5	180.7	155,300 *b	67.8	182.6	166,200 *b													55
60	47.5	170.9	107,100 *	57.7	177.7	137,500 *b	63.2	180.2	155,400 *b													60
65	41.5	165.6	95,900 *	52.6	174.1	120,200 *	58.5	177.3	140,800 *b													65
70	34.8	159.0	86,700 *	47.2	169.7	106,500 *	53.5	173.8	122,700 *	62.8	177.7	140,900 b										70
75	26.4	150.2	79,000 *	41.2	164.4	95,500 *	48.1	169.6	108,500 *	58.0	174.8	129,200 b										75
80	13.9	135.7	72,200 *	34.4	157.7	86,300 *	42.2	164.4	97,100 *	53.0	171.2	119,300										80
85				26.0	148.7	78,700 *	35.6	158.0	87,700 *	47.6	166.9	107,400 *	57.3	171.3	107,100 b							85
90				13.0	133.7	72,100 *	27.5	149.5	79,800 *	41.7	161.6	96,200 *	52.3	167.6	99,900							90
95							15.8	136.2	73,100 *	34.9	155.1	87,000 *	46.8	163.2	93,400							95
100										26.6	146.3	79,200 *	40.8	157.8	87,700	51.2	162.9	84,900				100
105										14.3	132.1	72,600 *	33.8	150.9	82,600	45.7	158.3	79,900				105
110													25.3	141.7	77,900	39.5	152.7	75,500				110
115													11.5	125.7	71,700 *	32.3	145.5	71,400	44.0	152.3	69,100	115
120																23.2	135.6	67,700	37.6	146.3	65,600	120
130																			20.0	127.3	59,200	130



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	162,200 *b																50
55	58.2	187.5	121,600 *	66.2	191.9	151,700 *b																55
60	53.8	184.0	107,600 *	62.2	189.4	138,400 *b	66.8	191.3	151,700 *b													60
65	49.2	179.9	96,300 *	58.0	186.4	120,800 *	62.8	188.9	141,700 *b													65
70	44.2	175.0	87,100 *	53.6	182.9	107,000 *	58.7	186.0	123,400 *													70
75	38.7	169.1	79,300 *	49.0	178.8	95,900 *	54.3	182.6	109,100 *	62.4	186.4	128,700 b										75
80	32.4	161.9	72,600 *	43.9	173.8	86,700 *	49.7	178.5	97,600 *	58.3	183.5	118,800										80
85	24.6	152.3	66,900 *	38.4	167.9	79,000 *	44.8	173.8	88,100 *	53.9	180.0	108,000 *										85
90	13.0	136.8	61,700 *	32.0	160.6	72,400 *	39.3	168.0	80,100 *	49.3	175.9	96,600 *	57.7	179.9	99,300							90
95				24.2	150.9	66,700 *	33.1	161.0	73,400 *	44.3	171.0	87,300 *	53.3	176.4	92,900							95
100				12.1	134.7	61,700 *	25.6	151.7	67,600 *	38.8	165.2	79,500 *	48.6	172.2	87,200							100
105							14.7	137.4	62,500 *	32.5	158.0	72,800 *	43.6	167.2	82,100	52.4	171.8	79,300				105
110										24.8	148.5	67,100 *	38.0	161.2	77,500	47.6	167.4	74,900				110
115										13.3	133.2	62,100 *	31.5	153.8	72,000 *	42.5	162.3	70,900				115
120													23.5	143.8	66,400 *	36.8	156.0	67,200	46.3	161.5	65,000	120
130																21.6	137.4	60,800	35.1	149.5	58,800	130
140																			18.6	128.9	53,400	140



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	148,100 * ^b																55
60	58.4	196.1	108,000 *	65.5	200.6	139,000 * ^b																60
65	54.6	192.7	96,600 *	61.9	198.1	121,300 *	66.1	200.1	139,500 * ^b													65
70	50.5	188.8	87,300 *	58.2	195.1	107,400 *	62.5	197.6	123,900 *													70
75	46.2	184.2	79,400 *	54.4	191.6	96,200 *	58.8	194.7	109,500 *													75
80	41.5	178.8	72,800 *	50.3	187.7	86,900 *	55.0	191.3	97,900 *	62.2	195.1	118,300										80
85	36.4	172.4	67,000 *	46.0	183.1	79,100 *	51.0	187.4	88,300 *	58.5	192.1	108,300 *										85
90	30.4	164.6	62,000 *	41.3	177.6	72,500 *	46.7	182.9	80,300 *	54.6	188.7	96,900 *										90
95	23.2	154.4	57,600 *	36.1	171.2	66,800 *	42.1	177.6	73,500 *	50.6	184.8	87,600 *	57.9	188.6	92,400							95
100	12.2	137.8	53,400 *	30.1	163.3	61,800 *	37.0	171.4	67,700 *	46.3	180.2	79,700 *	54.1	185.1	86,800							100
105				22.8	152.9	57,400 *	31.1	163.8	62,600 *	41.6	174.9	73,000 *	50.0	181.1	81,700							105
110				11.3	135.7	53,500 *	24.1	153.9	58,100 *	36.5	168.5	67,200 *	45.6	176.5	77,100							110
115							13.8	138.6	54,100 *	30.6	160.7	62,200 *	40.9	171.0	72,200 *	49.1	176.4	70,500				115
120										23.3	150.5	57,800 *	35.7	164.5	66,500 *	44.7	171.6	66,800				120
130													22.1	145.7	57,200 *	34.6	159.2	60,500	43.5	165.5	58,400	130
140																20.3	139.2	55,000	33.0	152.4	53,100	140
150																			17.5	130.4	48,600	150

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	135,700 *b																60
65	58.6	204.8	96,600 *	65.0	209.3	121,400 *																65
70	55.1	201.4	87,200 *	61.7	206.7	107,400 *	65.5	208.8	124,000 *													70
75	51.5	197.6	79,300 *	58.4	203.8	96,200 *	62.3	206.2	109,500 *													75
80	47.7	193.2	72,600 *	54.9	200.4	86,800 *	58.9	203.3	97,900 *													80
85	43.6	188.2	66,900 *	51.3	196.5	79,000 *	55.5	200.0	88,300 *	62.0	203.7	108,400 *										85
90	39.3	182.4	61,800 *	47.5	192.1	72,400 *	51.9	196.2	80,200 *	58.6	200.8	96,900 *										90
95	34.4	175.6	57,400 *	43.4	187.1	66,600 *	48.1	191.9	73,400 *	55.2	197.4	87,500 *										95
100	28.8	167.2	53,500 *	39.0	181.2	61,600 *	44.1	187.0	67,500 *	51.6	193.6	79,600 *										100
105	21.9	156.3	50,000 *	34.1	174.3	57,300 *	39.8	181.3	62,400 *	47.8	189.3	72,900 *	54.7	193.9	81,100							105
110	11.5	138.8	46,600 *	28.5	165.8	53,400 *	35.0	174.6	57,900 *	43.7	184.3	67,100 *	51.1	190.0	76,600							110
115				21.5	154.8	49,900 *	29.5	166.4	54,000 *	39.3	178.5	62,000 *	47.2	185.6	72,000 *							115
120				10.7	136.6	46,700 *	22.8	155.9	50,400 *	34.5	171.6	57,600 *	43.1	180.5	66,400 *	50.3	185.3	66,200				120
130										22.1	152.5	50,200 *	33.8	167.5	57,100 *	42.3	175.5	59,900				130
140													20.9	147.6	49,700 *	32.7	162.1	54,500				140
150																19.2	140.9	49,100 *	41.1	169.3	52,500	150
160																			31.2	155.2	48,100	160
																			16.6	131.8	44,100	160



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	132,400 *																60
65	61.7	216.4	99,300 *	67.4	220.3	125,000 *																65
70	58.7	213.5	89,600 *	64.5	218.0	110,500 *	67.8	219.7	125,600 *													70
75	55.6	210.1	81,500 *	61.6	215.4	98,800 *	65.0	217.4	112,700 *													75
80	52.3	206.4	74,500 *	58.5	212.4	89,200 *	62.1	214.9	100,600 *													80
85	48.9	202.2	68,600 *	55.4	209.1	81,100 *	59.0	212.0	90,700 *													85
90	45.3	197.5	63,400 *	52.2	205.3	74,300 *	55.9	208.7	82,400 *	61.8	212.4	99,600 *										90
95	41.5	192.0	58,900 *	48.8	201.1	68,300 *	52.7	205.0	75,300 *	58.8	209.5	89,900 *										95
100	37.3	185.8	54,800 *	45.1	196.3	63,200 *	49.3	200.9	69,300 *	55.6	206.2	81,700 *										100
105	32.7	178.5	51,300 *	41.3	190.9	58,700 *	45.7	196.2	64,000 *	52.4	202.4	74,700 *										105
110	27.4	169.6	48,000 *	37.1	184.6	54,700 *	41.9	190.9	59,400 *	49.0	198.2	68,800 *	55.2	202.6	76,100							110
115	20.9	158.1	45,100 *	32.5	177.2	51,100 *	37.8	184.7	55,300 *	45.4	193.5	63,600 *	51.9	198.8	71,900							115
120	10.9	139.7	39,700 *	27.1	168.2	47,900 *	33.3	177.6	51,700 *	41.6	188.1	59,000 *	48.5	194.6	68,000 *							120
130				10.2	137.4	41,100 *	21.7	157.8	45,500 *	32.8	174.6	51,400 *	41.0	184.2	58,400 *	47.8	189.8	59,400				130
140										21.0	154.3	45,200 *	32.1	170.4	50,900 *	40.2	179.2	54,100	46.8	183.9	52,000	140
150													19.9	149.3	44,900 *	31.1	164.9	49,500	39.1	172.9	47,600	150
160																18.3	142.5	44,300 *	29.7	157.9	43,700	160
170																			15.8	133.2	40,300	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	120,700 *																65
70	61.6	225.1	89,300 *	66.8	229.0	110,300 *																70
75	58.8	222.1	81,100 *	64.1	226.7	98,500 *	67.2	228.4	112,400 *													75
80	56.0	218.8	74,200 *	61.4	224.0	88,900 *	64.6	226.1	100,300 *													80
85	53.0	215.2	68,200 *	58.7	221.1	80,800 *	61.9	223.5	90,300 *													85
90	49.9	211.1	63,000 *	55.8	217.8	73,900 *	59.1	220.6	82,000 *													90
95	46.7	206.6	58,500 *	52.9	214.1	68,000 *	56.3	217.4	74,900 *	61.6	221.1	89,500 *										95
100	43.3	201.5	54,400 *	49.8	210.0	62,800 *	53.3	213.8	68,900 *	58.9	218.1	81,300 *										100
105	39.6	195.7	50,800 *	46.5	205.5	58,300 *	50.3	209.8	63,600 *	56.0	214.9	74,400 *										105
110	35.7	189.0	47,600 *	43.1	200.3	54,300 *	47.1	205.3	59,000 *	53.1	211.2	68,400 *										110
115	31.3	181.3	44,700 *	39.4	194.5	50,700 *	43.7	200.2	54,900 *	50.0	207.1	63,200 *	55.6	211.3	71,400							115
120	26.2	171.9	42,100 *	35.5	187.8	47,500 *	40.0	194.5	51,300 *	46.8	202.6	58,600 *	52.6	207.6	67,600 *							120
130	10.4	140.6	34,900 *	25.9	170.5	42,000 *	31.8	180.4	45,100 *	39.7	191.7	51,000 *	46.3	198.9	58,000 *	52.0	203.0	58,800				130
140				9.7	138.2	36,300 *	20.7	159.6	39,900 *	31.3	177.4	44,800 *	39.2	187.8	50,500 *	45.6	194.0	53,500				140
150										20.1	156.0	39,800 *	30.7	173.2	44,500 *	38.4	182.7	48,900	44.7	188.0	47,000	150
160													19.0	151.0	39,500 *	29.7	167.5	43,900 *	37.3	176.3	43,200	160
170																17.5	144.0	39,000 *	28.4	160.4	39,800	170
180																			15.0	134.5	36,600 *	180



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	117,500 *																65
70	64.0	236.4	89,900 *	68.7	239.9	111,300 *																70
75	61.5	233.7	81,600 *	66.3	237.7	99,300 *																75
80	58.9	230.8	74,500 *	63.8	235.4	89,500 *	66.7	237.2	101,100 *													80
85	56.3	227.5	68,500 *	61.3	232.7	81,300 *	64.2	234.8	91,000 *													85
90	53.6	224.0	63,200 *	58.8	229.8	74,300 *	61.7	232.2	82,500 *													90
95	50.8	220.0	58,600 *	56.1	226.5	68,300 *	59.2	229.3	75,300 *													95
100	47.8	215.6	54,500 *	53.4	222.9	63,000 *	56.6	226.1	69,200 *	61.5	229.7	81,800 *										100
105	44.7	210.7	50,900 *	50.6	218.9	58,400 *	53.9	222.6	63,800 *	58.9	226.8	74,800 *										105
110	41.5	205.3	47,700 *	47.7	214.5	54,400 *	51.1	218.6	59,200 *	56.3	223.6	68,700 *										110
115	38.0	199.1	44,700 *	44.6	209.6	50,800 *	48.2	214.3	55,000 *	53.6	220.0	63,400 *										115
120	34.2	192.1	42,100 *	41.3	204.1	47,500 *	45.1	209.5	51,400 *	50.8	216.0	58,800 *	56.0	220.0	67,400							120
130	25.1	174.2	37,400 *	34.0	190.9	42,000 *	38.4	198.0	45,100 *	44.8	206.8	51,100 *	50.4	212.4	58,200 *							130
140	10.0	141.4	31,200 *	24.9	172.7	37,300 *	30.5	183.1	39,900 *	38.1	195.2	44,900 *	44.4	203.0	50,600 *	49.8	207.7	53,300				140
150				9.3	139.0	32,400 *	19.9	161.3	35,600 *	30.1	180.1	39,800 *	37.5	191.2	44,500 *	43.7	198.1	48,700				150
160										19.2	157.7	35,500 *	29.4	175.8	39,500 *	36.8	186.0	44,000 *	42.8	192.0	43,000	160
170													18.3	152.5	35,200 *	28.5	170.1	39,000 *	35.8	179.5	39,600 *	170
180																16.8	145.4	34,900 *	27.2	162.8	36,500 *	180
190																			14.4	135.7	33,600 *	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	107,200 *																70
75	63.7	245.0	81,200 *	68.1	248.6	98,900 *																75
80	61.4	242.4	74,100 *	65.8	246.5	89,100 *																80
85	59.0	239.5	68,000 *	63.6	244.0	80,800 *	66.2	245.9	90,600 *													85
90	56.5	236.2	62,800 *	61.2	241.4	73,800 *	63.9	243.5	82,100 *													90
95	54.0	232.7	58,200 *	58.9	238.4	67,800 *	61.6	240.9	74,900 *													95
100	51.5	228.8	54,100 *	56.4	235.2	62,600 *	59.2	238.0	68,700 *													100
105	48.8	224.6	50,500 *	53.9	231.6	58,000 *	56.8	234.8	63,400 *	61.4	238.4	74,300 *										105
110	46.0	219.9	47,200 *	51.3	227.7	53,900 *	54.3	231.3	58,700 *	59.0	235.5	68,200 *										110
115	43.0	214.7	44,300 *	48.6	223.5	50,300 *	51.7	227.5	54,600 *	56.6	232.2	63,000 *										115
120	39.9	208.9	41,600 *	45.8	218.8	47,100 *	49.1	223.2	50,900 *	54.1	228.7	58,300 *										120
130	32.9	195.1	37,000 *	39.7	207.7	41,500 *	43.3	213.5	44,600 *	48.8	220.6	50,600 *	53.7	225.1	57,800 *							130
140	24.2	176.3	33,000 *	32.7	193.8	36,900 *	36.9	201.4	39,500 *	43.1	210.7	44,400 *	48.4	216.9	50,100 *							140
150	9.6	142.2	27,600 *	23.9	174.8	33,000 *	29.3	185.8	35,200 *	36.6	198.5	39,300 *	42.6	206.9	44,000 *	47.9	212.2	48,200				150
160				8.9	139.8	28,700 *	19.1	163.0	31,500 *	28.9	182.7	35,000 *	36.1	194.5	39,000 *	42.0	202.0	43,500 *	47.1	206.3	42,400	160
170										18.5	159.3	31,400 *	28.3	178.3	34,800 *	35.4	189.2	38,600 *	41.2	195.8	39,000 *	170
180													17.6	154.1	31,200 *	27.4	172.5	34,400 *	34.4	182.6	35,900 *	180
190																16.1	146.8	30,900 *	26.2	165.1	33,100 *	190
200																			13.9	136.9	30,400 *	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	99,600 *																75
80	63.4	253.7	74,800 *	67.5	257.4	90,000 *																80
85	61.3	251.0	68,700 *	65.5	255.2	81,600 *	67.9	256.8	91,500 *													85
90	59.1	248.1	63,300 *	63.3	252.7	74,500 *	65.8	254.6	82,900 *													90
95	56.8	244.9	58,700 *	61.2	250.0	68,400 *	63.7	252.2	75,600 *													95
100	54.5	241.4	54,500 *	58.9	247.1	63,100 *	61.5	249.5	69,400 *													100
105	52.1	237.6	50,800 *	56.7	243.9	58,500 *	59.3	246.6	63,900 *													105
110	49.6	233.5	47,500 *	54.3	240.4	54,400 *	57.0	243.5	59,200 *	61.3	247.0	67,300										110
115	47.0	229.0	44,600 *	51.9	236.6	50,700 *	54.7	240.0	55,000 *	59.1	244.1	63,400										115
120	44.3	224.0	41,900 *	49.5	232.4	47,400 *	52.3	236.3	51,300 *	56.8	240.9	58,800 *										120
130	38.5	212.4	37,200 *	44.2	222.8	41,800 *	47.3	227.7	44,900 *	52.1	233.7	51,000 *	56.5	237.4	50,300							130
140	31.7	197.9	33,200 *	38.3	211.2	37,100 *	41.8	217.3	39,700 *	47.0	225.0	44,700 *	51.8	230.0	45,300							140
150	23.3	178.4	29,800 *	31.6	196.7	33,200 *	35.6	204.6	35,400 *	41.5	214.6	39,500 *	46.7	221.3	41,000	51.3	225.4	38,300				150
160	9.3	143.0	23,600 *	23.1	176.9	29,800 *	28.3	188.3	31,700 *	35.3	201.7	35,200 *	41.1	210.7	37,300	46.1	216.4	34,800				160
170				8.6	140.5	24,700 *	18.5	164.6	28,500 *	27.9	185.2	31,500 *	34.8	197.7	34,000	40.5	205.7	31,700	45.4	210.5	29,400	170
180										17.9	160.9	28,400 *	27.3	180.7	31,100	34.2	192.3	28,900	39.7	199.4	26,800	180
190													17.0	155.5	28,200 *	26.5	174.9	26,500	33.2	185.6	24,400	190
200																15.6	148.2	24,200	25.2	167.4	22,300	200
210																			13.4	138.0	20,400	210



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	93,400 *																75
80	65.2	264.9	74,300 *	69.0	268.2	89,500 *																80
85	63.2	262.4	68,200 *	67.1	266.1	81,100 *																85
90	61.2	259.7	62,800 *	65.1	263.9	74,000 *	67.4	265.5	82,400 *													90
95	59.1	256.8	58,100 *	63.1	261.4	67,900 *	65.4	263.3	75,100 *													95
100	57.0	253.6	54,000 *	61.1	258.7	62,600 *	63.4	260.9	68,900 *													100
105	54.8	250.2	50,300 *	59.0	255.7	58,000 *	61.4	258.2	63,400 *													105
110	52.6	246.4	47,000 *	56.9	252.6	53,800 *	59.3	255.3	58,700 *													110
115	50.3	242.4	44,000 *	54.7	249.1	50,200 *	57.2	252.2	54,500 *	61.2	255.7	62,700										115
120	47.9	238.0	41,300 *	52.5	245.4	46,900 *	55.1	248.7	50,700 *	59.1	252.8	58,300 *										120
130	42.8	227.9	36,600 *	47.8	236.9	41,200 *	50.5	241.0	44,400 *	54.9	246.2	50,400 *										130
140	37.2	215.8	32,700 *	42.7	226.8	36,600 *	45.7	231.9	39,200 *	50.3	238.4	44,100 *	54.5	242.6	44,600							140
150	30.7	200.7	29,300 *	37.0	214.6	32,600 *	40.4	221.0	34,800 *	45.5	229.2	39,000 *	50.0	234.7	40,300							150
160	22.6	180.3	26,400 *	30.5	199.4	29,200 *	34.4	207.7	31,200 *	40.1	218.2	34,700 *	45.1	225.5	36,600	49.5	230.0	34,000				160
170	9.0	143.8	20,800 *	22.3	178.8	26,300 *	27.4	190.7	28,000 *	34.1	204.8	31,000 *	39.7	214.3	33,400	44.6	220.6	30,900				170
180				8.3	141.2	21,800 *	17.8	166.1	25,200 *	27.0	187.5	27,900 *	33.7	200.7	30,500	39.2	209.2	28,200	43.9	214.5	26,000	180
190										17.3	162.4	25,100 *	26.4	183.1	27,700 *	33.0	195.3	25,800	38.4	202.9	23,700	190
200													16.4	157.0	25,000 *	25.6	177.1	23,600	32.1	188.5	21,600	200
210																15.0	149.5	21,600	24.4	169.5	19,800	210
220																			12.9	139.1	18,000	220



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	85,200 *																80
85	64.9	273.6	68,600 *	68.5	277.0	81,800 *																85
90	63.0	271.1	63,100 *	66.7	274.9	74,600 *																90
95	61.1	268.4	58,400 *	64.8	272.6	68,300 *	67.0	274.3	75,700 *													95
100	59.2	265.4	54,200 *	62.9	270.1	62,900 *	65.1	272.0	69,300 *													100
105	57.2	262.3	50,400 *	61.0	267.3	58,200 *	63.2	269.5	63,700 *													105
110	55.1	258.9	47,100 *	59.1	264.4	54,000 *	61.3	266.9	58,900 *													110
115	53.0	255.2	44,000 *	57.1	261.2	50,300 *	59.4	264.0	54,600 *													115
120	50.9	251.2	41,300 *	55.0	257.8	46,900 *	57.4	260.8	50,800 *	61.1	264.4	58,500 *										120
130	46.4	242.3	36,600 *	50.8	250.1	41,200 *	53.3	253.8	44,400 *	57.2	258.3	50,500 *										130
140	41.5	231.7	32,600 *	46.2	241.2	36,500 *	48.9	245.6	39,100 *	53.1	251.2	44,200 *	56.9	254.8	44,200							140
150	36.0	219.1	29,100 *	41.3	230.6	32,500 *	44.2	236.0	34,700 *	48.7	243.0	38,900 *	52.8	247.6	39,900							150
160	29.7	203.3	26,200 *	35.9	217.8	29,100 *	39.1	224.6	31,000 *	44.0	233.3	34,600 *	48.4	239.3	36,300	52.4	243.0	33,600				160
170	21.9	182.3	23,600 *	29.6	202.0	26,100 *	33.4	210.7	27,800 *	38.9	221.8	30,900 *	43.7	229.5	33,000	47.9	234.5	30,600				170
180	8.7	144.5	18,500 *	21.6	180.7	23,600 *	26.5	193.1	25,000 *	33.1	207.8	27,700 *	38.5	217.8	30,200	43.2	224.6	27,900	47.3	228.6	25,600	180
190				8.1	141.8	19,500 *	17.3	167.6	22,600 *	26.2	189.9	24,900 *	32.6	203.6	27,500 *	37.9	212.7	25,400	42.5	218.4	23,400	190
200										16.7	163.8	22,500 *	25.6	185.3	24,800 *	32.0	198.2	23,300	37.2	206.3	21,300	200
210													15.9	158.3	22,400 *	24.8	179.3	21,300	31.1	191.3	19,400	210
220																14.6	150.7	19,500	23.7	171.6	17,700	220
230																			12.5	140.2	16,100	230



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	75,100 *																85
90	64.6	282.2	62,600 *	68.0	285.7	72,100 *																90
95	62.9	279.7	57,800 *	66.3	283.6	67,800 *																95
100	61.1	277.0	53,600 *	64.6	281.2	62,400 *	66.6	283.0	68,700 *													100
105	59.2	274.1	49,900 *	62.8	278.7	57,600 *	64.8	280.7	63,200 *													105
110	57.3	271.0	46,500 *	61.0	276.0	53,400 *	63.1	278.2	58,400 *													110
115	55.4	267.6	43,500 *	59.1	273.1	49,700 *	61.3	275.5	54,100 *													115
120	53.4	264.0	40,800 *	57.2	269.9	46,400 *	59.4	272.6	50,300 *	62.9	275.7	58,000 *										120
130	49.3	255.9	36,000 *	53.3	262.9	40,700 *	55.6	266.2	43,900 *	59.2	270.1	50,000 *										130
140	45.0	246.4	32,000 *	49.2	254.8	35,900 *	51.7	258.7	38,600 *	55.4	263.6	43,600 *										140
150	40.2	235.4	28,600 *	44.9	245.3	31,900 *	47.4	250.0	34,200 *	51.5	256.1	38,400 *	55.2	260.1	39,200							150
160	35.0	222.2	25,700 *	40.1	234.2	28,500 *	42.9	239.9	30,500 *	47.2	247.4	34,000 *	51.2	252.5	35,600							160
170	28.9	205.9	23,100 *	34.8	221.0	25,600 *	38.0	228.0	27,300 *	42.7	237.2	30,300 *	46.9	243.6	32,400	50.8	247.8	29,800				170
180	21.2	184.1	20,800 *	28.7	204.6	23,000 *	32.4	213.6	24,500 *	37.7	225.2	27,200 *	42.4	233.4	29,500	46.5	238.8	27,200				180
190	8.4	145.2	16,200 *	21.0	182.6	20,800 *	25.7	195.3	22,100 *	32.1	210.7	24,400 *	37.4	221.2	27,000 *	41.9	228.4	24,800	45.9	232.9	22,600	190
200				7.8	142.5	17,100 *	16.8	169.1	19,900 *	25.4	192.1	22,000 *	31.7	206.5	24,200 *	36.8	216.0	22,600	41.2	222.2	20,600	200
210										16.3	165.3	19,800 *	24.9	187.5	21,800 *	31.1	200.9	20,700	36.1	209.5	18,700	210
220													15.4	159.7	19,700 *	24.1	181.5	18,900	30.2	194.0	17,100	220
230																14.2	151.9	17,200	23.0	173.6	15,500	230
240																			12.2	141.3	14,100	240



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	70,200 *																85
90	66.1	293.3	61,300 *	69.3	296.5	67,400 *																90
95	64.4	290.9	57,300 *	67.6	294.5	64,500 *																95
100	62.7	288.4	53,100 *	66.0	292.3	61,600 *	67.9	293.9	64,500 *													100
105	61.0	285.7	49,400 *	64.3	289.9	57,100 *	66.3	291.7	61,800 *													105
110	59.3	282.8	46,000 *	62.6	287.4	53,000 *	64.6	289.4	57,900 *													110
115	57.5	279.6	43,000 *	60.9	284.7	49,200 *	62.9	286.9	53,600 *													115
120	55.7	276.3	40,300 *	59.2	281.7	45,900 *	61.2	284.2	49,800 *													120
130	51.9	268.9	35,500 *	55.6	275.2	40,200 *	57.7	278.2	43,400 *	61.0	281.7	49,500 *										130
140	47.9	260.3	31,500 *	51.8	267.8	35,400 *	54.0	271.3	38,100 *	57.5	275.6	43,100 *										140
150	43.7	250.5	28,100 *	47.8	259.2	31,400 *	50.2	263.4	33,700 *	53.8	268.7	37,900 *	57.3	272.1	38,600							150
160	39.1	239.0	25,200 *	43.6	249.3	28,000 *	46.1	254.3	30,000 *	50.0	260.8	33,500 *	53.6	265.1	35,000							160
170	34.0	225.3	22,600 *	39.0	237.8	25,100 *	41.7	243.8	26,800 *	45.9	251.6	29,800 *	49.7	257.1	31,800							170
180	28.1	208.4	20,300 *	33.9	224.0	22,600 *	36.9	231.4	24,000 *	41.5	241.0	26,700 *	45.6	247.9	28,900	49.3	252.4	26,500				180
190	20.6	185.9	18,300 *	27.9	207.1	20,300 *	31.5	216.5	21,600 *	36.7	228.5	23,900 *	41.2	237.2	26,400	45.2	243.0	24,200				190
200	8.2	145.9	14,000 *	20.4	184.4	18,300 *	25.0	197.6	19,400 *	31.2	213.5	21,500 *	36.3	224.5	23,700 *	40.7	232.1	22,000	44.6	237.0	20,000	200
210				7.6	143.1	14,900 *	16.3	170.5	17,500 *	24.7	194.3	19,400 *	30.8	209.2	21,400 *	35.8	219.3	20,100	40.1	225.9	18,100	210
220										15.8	166.6	17,400 *	24.2	189.7	19,200 *	30.2	203.6	18,300	35.1	212.7	16,500	220
230													15.0	161.0	17,300 *	23.4	183.5	16,700	29.4	196.6	15,000	230
240																13.8	153.1	15,200	22.3	175.6	13,600	240
250																			11.8	142.3	12,200	250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

110 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.9	312.9	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	62,300 *																90
95	65.8	302.0	53,800 *	68.8	305.3	59,600 *																95
100	64.2	299.6	51,100 *	67.3	303.2	56,800 *																100
105	62.6	297.1	48,400 *	65.7	301.0	54,100 *	67.5	302.6	56,900 *													105
110	60.9	294.3	45,500 *	64.1	298.6	51,400 *	65.9	300.4	54,300 *													110
115	59.3	291.4	42,400 *	62.5	296.1	48,700 *	64.4	298.1	51,700 *													115
120	57.6	288.3	39,700 *	60.9	293.3	45,300 *	62.8	295.5	49,100 *													120
130	54.1	281.4	35,000 *	57.5	287.3	39,600 *	59.5	289.9	42,800 *	62.6	293.1	48,300 *										130
140	50.5	273.6	31,000 *	54.0	280.4	34,900 *	56.1	283.5	37,500 *	59.3	287.4	42,600 *										140
150	46.6	264.7	27,500 *	50.4	272.5	30,900 *	52.5	276.3	33,100 *	55.9	281.0	37,300 *										150
160	42.5	254.4	24,600 *	46.5	263.5	27,500 *	48.8	268.0	29,400 *	52.4	273.7	33,000 *	55.7	277.5	34,300							160
170	38.1	242.4	22,000 *	42.4	253.2	24,600 *	44.9	258.5	26,200 *	48.6	265.3	29,300 *	52.1	270.1	31,100							170
180	33.1	228.3	19,800 *	38.0	241.2	22,000 *	40.6	247.5	23,500 *	44.7	255.8	26,100 *	48.4	261.6	28,200	51.7	265.4	25,800				180
190	27.3	210.9	17,800 *	33.0	227.0	19,700 *	35.9	234.6	21,000 *	40.4	244.7	23,400 *	44.4	252.0	25,700	48.0	256.9	23,400				190
200	20.1	187.7	15,800 *	27.2	209.5	17,700 *	30.7	219.2	18,900 *	35.7	231.8	20,900 *	40.1	240.8	23,200 *	44.0	247.1	21,300	47.4	251.0	19,200	200
210	8.0	146.6	12,100 *	19.9	186.1	15,900 *	24.4	199.7	17,000 *	30.4	216.2	18,800 *	35.4	227.7	20,800 *	39.6	235.8	19,400	43.4	241.0	17,400	210
220				7.4	143.8	12,900 *	15.9	171.9	15,300 *	24.1	196.4	16,900 *	30.0	211.9	18,700 *	34.9	222.4	17,700	39.0	229.4	15,800	220
230										15.4	168.0	15,200 *	23.6	191.8	16,800 *	29.4	206.3	16,100	34.2	215.8	14,300	230
240													14.6	162.2	15,100 *	22.8	185.5	14,600	28.6	199.1	12,900	240
250																13.4	154.3	13,200	21.8	177.5	11,600	250
260																			11.5	143.3	10,400	260



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	168,700 * b																50
55	53.3	185.5	122,000 *	63.6	191.3	157,700 * b																55
60	47.9	181.2	107,900 *	58.9	188.4	142,500 * b	64.8	191.0	158,600 * b													60
65	42.0	176.0	96,600 *	53.9	185.0	124,000 *	60.2	188.2	148,300 * b													65
70	35.3	169.5	87,300 *	48.6	180.8	109,600 *	55.3	184.9	128,500 * b													70
75	27.1	160.9	79,500 *	42.8	175.7	98,000 *	50.0	181.0	113,100 *	60.5	186.0	127,900 b										75
80	15.2	147.2	72,800 *	36.2	169.4	88,400 *	44.4	176.2	100,800 *	55.6	182.8	118,100 b										80
85				28.2	161.2	80,400 *	38.0	170.2	90,800 *	50.4	178.9	109,600										85
90				17.1	148.6	73,600 *	30.5	162.6	82,400 *	44.8	174.2	101,700 *	55.8	179.6	98,400 b							90
95							20.6	151.6	75,300 *	38.5	168.3	91,500 *	50.6	175.7	92,100							95
100										31.2	160.9	83,100 *	45.0	171.0	86,500							100
105										21.6	150.3	75,900 *	38.7	165.2	81,400	50.4	171.3	78,400				105
110													31.4	157.8	76,800	44.7	166.6	74,100				110
115													21.9	147.3	72,700	38.4	160.7	70,100				115
120																31.1	153.3	66,500	44.0	160.9	64,000	120
130																30.1	147.2	57,900	30.1	147.2	57,900	130



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	164,000 * ^b																50
55	58.5	197.7	122,700 *	67.1	202.4	153,700 * ^b																55
60	54.1	194.2	108,500 *	63.2	200.0	143,400 * ^b																60
65	49.5	190.2	97,100 *	59.0	197.1	124,700 *	64.2	199.6	145,400 * ^b													65
70	44.6	185.4	87,700 *	54.7	193.7	110,100 *	60.1	196.9	129,200 *													70
75	39.1	179.6	79,800 *	50.1	189.8	98,400 *	55.9	193.7	113,700 *													75
80	32.9	172.5	73,100 *	45.2	185.0	88,800 *	51.4	189.8	101,300 *	60.5	194.7	117,500										80
85	25.3	163.1	67,300 *	39.8	179.4	80,700 *	46.5	185.4	91,200 *	56.2	191.5	109,000										85
90	14.1	148.4	62,200 *	33.7	172.5	73,900 *	41.3	180.0	82,700 *	51.7	187.7	101,600										90
95				26.3	163.5	68,000 *	35.4	173.5	75,600 *	46.9	183.3	91,900 *	56.3	188.3	91,500							95
100				15.9	149.9	62,900 *	28.4	165.1	69,500 *	41.7	178.0	83,400 *	51.8	184.5	85,900							100
105							19.2	153.3	64,200 *	35.9	171.6	76,200 *	47.1	180.1	80,900							105
110										29.0	163.4	70,000 *	41.9	174.9	76,400	51.7	180.2	73,400				110
115										20.1	152.0	64,600 *	36.1	168.5	72,300	46.9	175.7	69,500				115
120													29.2	160.4	68,500	41.7	170.4	65,900				120
130																29.0	155.8	59,600	41.0	164.7	57,300	130
140																			28.0	149.7	52,200	140



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	149,700 * ^b																55
60	58.7	206.3	108,900 *	66.4	211.1	141,000 * ^b																60
65	54.8	203.0	97,400 *	62.8	208.6	125,200 *	67.3	210.7	141,900 * ^b													65
70	50.8	199.0	87,900 *	59.1	205.8	110,500 *	63.8	208.3	129,800 *													70
75	46.5	194.5	80,000 *	55.3	202.5	98,700 *	60.1	205.6	114,100 *													75
80	41.9	189.2	73,200 *	51.3	198.6	89,000 *	56.3	202.4	101,600 *													80
85	36.7	182.9	67,400 *	47.0	194.2	80,900 *	52.4	198.7	91,400 *	60.4	203.4	108,600										85
90	30.9	175.2	62,400 *	42.5	189.0	74,000 *	48.2	194.4	83,000 *	56.6	200.2	101,200										90
95	23.7	165.2	57,900 *	37.4	182.8	68,100 *	43.7	189.4	75,800 *	52.7	196.5	92,200 *										95
100	13.2	149.5	53,900 *	31.7	175.3	63,000 *	38.8	183.5	69,600 *	48.5	192.3	83,600 *	56.7	197.0	85,400							100
105				24.7	165.7	58,500 *	33.3	176.5	64,300 *	44.1	187.4	76,300 *	52.8	193.3	80,400							105
110				15.0	151.2	54,400 *	26.7	167.5	59,600 *	39.2	181.6	70,100 *	48.6	189.1	75,900							110
115							18.1	154.9	55,500 *	33.7	174.6	64,700 *	44.2	184.2	71,900	52.7	189.0	69,100				115
120										27.3	165.9	60,000 *	39.3	178.5	68,200	48.5	184.8	65,500				120
130													27.5	162.8	60,200 *	39.1	174.0	59,200	48.0	179.2	56,900	130
140																27.2	158.2	53,900	38.5	168.2	51,800	140
150																			26.4	152.0	47,400	150



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	137,200 *b																60
65	58.8	215.0	97,300 *	65.7	219.8	125,400 *																65
70	55.4	211.7	87,800 *	62.5	217.3	110,600 *	66.6	219.4	129,900 *													70
75	51.8	207.9	79,900 *	59.2	214.4	98,700 *	63.4	217.0	114,200 *													75
80	48.0	203.6	73,100 *	55.8	211.2	89,000 *	60.1	214.2	101,600 *													80
85	43.9	198.6	67,200 *	52.2	207.4	80,800 *	56.7	211.1	91,400 *													85
90	39.6	192.8	62,200 *	48.5	203.2	73,900 *	53.2	207.4	82,900 *	60.4	212.0	100,600										90
95	34.7	186.1	57,700 *	44.5	198.3	68,000 *	49.5	203.3	75,700 *	57.0	208.9	92,200 *										95
100	29.2	177.8	53,800 *	40.1	192.7	62,800 *	45.5	198.6	69,500 *	53.5	205.3	83,500 *										100
105	22.5	167.2	50,200 *	35.4	186.0	58,300 *	41.3	193.2	64,100 *	49.8	201.3	76,200 *	57.1	205.7	79,800							105
110	12.5	150.6	47,000 *	30.0	178.0	54,300 *	36.7	186.9	59,400 *	45.9	196.6	70,000 *	53.6	202.1	75,400							110
115				23.4	167.7	50,700 *	31.5	179.3	55,300 *	41.7	191.2	64,600 *	49.9	198.1	71,300							115
120				14.2	152.4	47,500 *	25.3	169.7	51,600 *	37.1	185.0	59,800 *	46.0	193.4	67,600							120
130										25.8	168.2	51,900 *	37.2	181.9	60,000 *	45.8	189.0	58,700				130
140													26.0	165.1	52,100 *	37.0	177.4	53,400	45.3	183.4	51,200	140
150																25.8	160.5	48,800	36.4	171.6	46,800	150
160																			24.9	154.2	43,000	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	133,600 *																60
65	61.9	226.6	100,100 *	68.1	230.7	126,600 *																65
70	58.9	223.7	90,200 *	65.2	228.5	113,800 *																70
75	55.8	220.4	82,000 *	62.3	226.0	101,500 *	66.0	228.1	117,500 *													75
80	52.6	216.7	75,000 *	59.3	223.1	91,400 *	63.1	225.7	104,500 *													80
85	49.2	212.5	69,000 *	56.2	219.9	83,000 *	60.1	222.9	93,900 *													85
90	45.6	207.8	63,800 *	53.0	216.2	75,800 *	57.0	219.7	85,100 *													90
95	41.8	202.4	59,200 *	49.6	212.1	69,700 *	53.8	216.2	77,600 *	60.3	220.7	93,600										95
100	37.6	196.3	55,100 *	46.0	207.5	64,400 *	50.5	212.2	71,300 *	57.3	217.6	85,700 *										100
105	33.1	189.0	51,500 *	42.3	202.2	59,700 *	47.0	207.7	65,700 *	54.1	214.1	78,200 *										105
110	27.8	180.3	48,200 *	38.2	196.1	55,600 *	43.3	202.6	60,900 *	50.8	210.1	71,800 *	57.3	214.3	74,800							110
115	21.4	169.0	45,300 *	33.7	189.1	51,900 *	39.3	196.8	56,700 *	47.3	205.7	66,200 *	54.2	210.9	70,800							115
120	11.9	151.6	40,500 *	28.5	180.5	48,700 *	34.9	190.0	52,900 *	43.6	200.6	61,300 *	50.9	206.9	67,100							120
130				13.5	153.5	43,000 *	24.1	171.9	46,500 *	35.3	188.2	53,200 *	43.7	197.5	60,700	50.7	202.6	58,100				130
140										24.6	170.3	46,700 *	35.4	185.1	53,300 *	43.5	193.1	52,900				140
150													24.8	167.3	46,800 *	35.2	180.6	48,400	43.1	187.4	46,300	150
160																24.5	162.7	44,400	34.7	174.7	42,500	160
170																			23.7	156.3	39,200	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	121,800 *																65
70	61.8	235.2	89,900 *	67.4	239.5	113,500 *																70
75	59.0	232.3	81,600 *	64.8	237.2	101,200 *																75
80	56.2	229.1	74,600 *	62.1	234.6	91,100 *	65.5	236.8	104,200 *													80
85	53.2	225.5	68,600 *	59.4	231.8	82,600 *	62.8	234.3	93,600 *													85
90	50.1	221.4	63,400 *	56.5	228.6	75,500 *	60.1	231.5	84,700 *													90
95	46.9	216.9	58,800 *	53.6	225.0	69,300 *	57.3	228.4	77,300 *	63.0	232.1	93,000										95
100	43.5	211.8	54,700 *	50.5	221.0	64,000 *	54.4	224.9	70,900 *	60.3	229.3	85,400 *										100
105	39.9	206.1	51,100 *	47.3	216.5	59,300 *	51.3	221.1	65,400 *	57.5	226.3	77,800 *										105
110	36.0	199.5	47,800 *	44.0	211.5	55,200 *	48.2	216.8	60,500 *	54.6	222.8	71,400 *										110
115	31.6	191.9	44,900 *	40.4	205.9	51,500 *	44.9	211.9	56,300 *	51.6	219.0	65,800 *	57.6	223.0	70,200							115
120	26.6	182.7	42,200 *	36.5	199.5	48,200 *	41.3	206.4	52,500 *	48.4	214.7	60,900 *	54.7	219.6	66,600							120
130	11.4	152.5	35,700 *	27.2	183.0	42,600 *	33.3	193.0	46,000 *	41.6	204.5	52,800 *	48.5	211.5	60,200							130
140				12.9	154.6	37,900 *	23.0	173.9	40,800 *	33.7	191.2	46,300 *	41.7	201.3	52,900 *	48.4	207.1	52,300				140
150										23.5	172.4	41,000 *	33.8	188.1	46,400 *	41.6	196.9	47,800	48.0	201.6	45,700	150
160													23.7	169.4	41,100 *	33.6	183.6	44,000	41.1	191.2	42,000	160
170																23.4	164.7	40,500	33.1	177.7	38,700 *	170
180																			22.7	158.3	35,600 *	180



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	112,900 *																70
75	61.6	243.9	82,100 *	66.9	248.2	102,000 *																75
80	59.1	241.0	75,000 *	64.4	245.9	91,700 *	67.5	247.8	105,100 *													80
85	56.5	237.8	68,900 *	61.9	243.3	83,100 *	65.1	245.5	94,300 *													85
90	53.8	234.2	63,600 *	59.4	240.4	75,900 *	62.6	243.0	85,300 *													90
95	51.0	230.3	58,900 *	56.8	237.2	69,600 *	60.1	240.2	77,700 *													95
100	48.0	225.9	54,800 *	54.1	233.7	64,200 *	57.5	237.1	71,200 *	62.8	240.8	86,000 *										100
105	45.0	221.1	51,200 *	51.3	229.8	59,500 *	54.8	233.7	65,600 *	60.3	238.0	78,300 *										105
110	41.7	215.7	47,900 *	48.4	225.5	55,300 *	52.1	229.9	60,700 *	57.7	234.9	71,700 *										110
115	38.2	209.6	44,900 *	45.4	220.8	51,600 *	49.2	225.7	56,400 *	55.0	231.5	66,100 *										115
120	34.5	202.7	42,300 *	42.1	215.4	48,300 *	46.2	221.1	52,600 *	52.3	227.8	61,100 *	57.8	231.7	66,300							120
130	25.5	184.9	37,600 *	35.0	202.6	42,600 *	39.6	210.1	46,100 *	46.4	219.0	52,900 *	52.3	224.6	59,900							130
140	10.9	153.4	31,800 *	26.1	185.3	37,900 *	32.0	195.9	40,800 *	39.9	208.1	46,300 *	46.5	215.8	53,000 *	52.2	220.2	52,100				140
150				12.3	155.7	33,900 *	22.1	175.8	36,300 *	32.3	194.1	41,000 *	40.0	205.0	46,500 *	46.4	211.4	47,600				150
160										22.5	174.4	36,500 *	32.4	191.0	41,100 *	39.9	200.6	43,700	46.0	205.8	41,700	160
170													22.7	171.4	36,600 *	32.3	186.5	40,300	39.4	194.8	38,400 *	170
180																22.5	166.7	36,500 *	31.8	180.5	35,400 *	180
190																			21.8	160.2	32,600 *	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	107,300 *																70
75	63.8	255.2	81,700 *	68.6	259.1	101,600 *																75
80	61.5	252.6	74,600 *	66.4	256.9	91,300 *																80
85	59.1	249.7	68,400 *	64.1	254.6	82,700 *	67.0	256.5	93,900 *													85
90	56.7	246.5	63,100 *	61.8	252.0	75,400 *	64.7	254.2	84,900 *													90
95	54.2	243.0	58,500 *	59.4	249.1	69,200 *	62.4	251.7	77,300 *													95
100	51.6	239.1	54,400 *	57.0	245.9	63,800 *	60.1	248.9	70,800 *													100
105	49.0	234.9	50,700 *	54.5	242.5	59,100 *	57.7	245.8	65,200 *	62.6	249.4	70,900										105
110	46.2	230.2	47,400 *	52.0	238.7	54,900 *	55.2	242.4	60,300 *	60.3	246.7	66,700										110
115	43.2	225.1	44,500 *	49.3	234.5	51,200 *	52.7	238.7	56,000 *	57.9	243.6	62,800										115
120	40.1	219.3	41,800 *	46.5	229.9	47,800 *	50.0	234.6	52,100 *	55.4	240.2	59,300										120
130	33.2	205.6	37,100 *	40.5	219.1	42,100 *	44.4	225.2	45,600 *	50.2	232.5	52,400 *	55.5	237.0	49,600							130
140	24.5	187.1	33,200 *	33.6	205.6	37,400 *	38.1	213.5	40,300 *	44.6	223.1	45,900 *	50.3	229.3	44,700							140
150	10.5	154.3	28,200 *	25.1	187.5	33,400 *	30.8	198.7	35,900 *	38.4	211.6	40,500 *	44.7	220.0	40,500	50.2	225.0	37,400				150
160				11.9	156.7	30,000 *	21.2	177.7	32,100 *	31.1	196.9	36,100 *	38.5	208.5	36,800	44.6	215.6	34,000				160
170										21.7	176.3	32,300 *	31.2	193.8	33,600	38.3	204.0	31,000	44.2	209.9	28,400	170
180													21.8	173.3	30,700	31.0	189.3	28,300	37.9	198.2	25,900	180
190																21.6	168.6	25,900	30.6	183.3	23,700	190
200																			20.9	162.0	21,600	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	99,600 *																75
80	63.6	263.9	75,300 *	68.0	267.8	92,300 *																80
85	61.4	261.2	69,100 *	66.0	265.6	83,500 *																85
90	59.2	258.3	63,700 *	63.8	263.3	76,200 *	66.5	265.2	85,700 *													90
95	56.9	255.1	59,000 *	61.7	260.6	69,800 *	64.4	262.9	78,000 *													95
100	54.6	251.7	54,800 *	59.5	257.7	64,400 *	62.3	260.3	71,400 *													100
105	52.2	247.9	51,100 *	57.2	254.6	59,600 *	60.1	257.5	65,700 *													105
110	49.8	243.8	47,800 *	54.9	251.2	55,300 *	57.8	254.4	60,800 *	62.4	258.1	66,000										110
115	47.2	239.3	44,800 *	52.5	247.4	51,600 *	55.5	251.1	56,400 *	60.2	255.3	62,200										115
120	44.5	234.3	42,100 *	50.1	243.4	48,200 *	53.2	247.4	52,500 *	58.0	252.3	58,700										120
130	38.7	222.9	37,300 *	44.8	234.0	42,400 *	48.2	239.1	45,900 *	53.4	245.3	52,600										130
140	32.0	208.5	33,400 *	39.1	222.7	37,600 *	42.8	229.1	40,600 *	48.4	237.0	46,200 *	53.4	242.1	44,000							140
150	23.7	189.2	29,900 *	32.4	208.6	33,600 *	36.8	216.9	36,100 *	43.0	227.1	40,800 *	48.5	233.8	39,800							150
160	10.1	155.2	24,200 *	24.3	189.6	30,200 *	29.7	201.3	32,300 *	37.0	215.0	36,300 *	43.1	223.9	36,200	48.4	229.5	33,300				160
170				11.4	157.7	26,000 *	20.5	179.5	29,000 *	30.0	199.6	32,400 *	37.1	211.9	33,000	43.0	219.5	30,300				170
180										20.9	178.1	29,200 *	30.1	196.5	30,100	37.0	207.4	27,700	42.6	213.9	25,300	180
190													21.1	175.1	27,600	29.9	192.0	25,300	36.6	201.6	23,000	190
200																20.9	170.4	23,100	29.5	185.9	21,000	200
210																			20.2	163.8	19,200	210



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	90,500 *																80
85	63.4	272.6	69,300 *	67.6	276.6	84,100 *																85
90	61.3	269.9	63,800 *	65.6	274.4	76,500 *																90
95	59.3	267.0	59,000 *	63.6	271.9	70,100 *	66.1	273.9	78,400 *													95
100	57.1	263.8	54,700 *	61.6	269.3	64,500 *	64.1	271.6	71,700 *													100
105	55.0	260.4	51,000 *	59.5	266.4	59,600 *	62.1	269.0	65,900 *													105
110	52.7	256.7	47,600 *	57.4	263.3	55,300 *	60.1	266.2	60,800 *													110
115	50.4	252.7	44,600 *	55.2	259.9	51,400 *	58.0	263.1	56,400 *	62.3	266.8	61,500										115
120	48.1	248.3	41,800 *	53.0	256.2	48,000 *	55.8	259.8	52,400 *	60.2	264.0	58,000										120
130	43.0	238.3	37,000 *	48.4	247.9	42,200 *	51.3	252.3	45,700 *	56.0	257.6	51,900										130
140	37.4	226.3	33,000 *	43.3	238.0	37,300 *	46.6	243.4	40,300 *	51.5	250.2	46,000 *	56.0	254.4	43,300							140
150	30.9	211.3	29,600 *	37.8	226.1	33,300 *	41.4	232.9	35,800 *	46.7	241.4	40,500 *	51.6	247.0	39,100							150
160	22.9	191.2	26,600 *	31.4	211.4	29,800 *	35.5	220.1	31,900 *	41.6	230.9	35,900 *	46.8	238.2	35,500	51.5	242.6	32,600				160
170	9.8	156.0	21,400 *	23.5	191.7	26,800 *	28.7	203.9	28,700 *	35.8	218.2	32,100 *	41.6	227.8	32,300	46.7	233.8	29,600				170
180				11.1	158.6	23,100 *	19.8	181.2	25,800 *	29.0	202.2	28,800 *	35.9	215.1	29,500	41.5	223.4	27,000	46.4	228.2	24,500	180
190										20.2	179.9	25,900 *	29.1	199.1	27,000	35.7	210.6	24,600	41.2	217.6	22,300	190
200													20.4	176.9	24,700	29.0	194.6	22,500	35.4	204.8	20,300	200
210																20.2	172.2	20,500	28.5	188.4	18,500	210
220																			19.5	165.5	16,800	220



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	84,900 *																80
85	65.0	283.7	69,000 *	68.9	287.4	82,300 *																85
90	63.2	281.2	63,500 *	67.1	285.3	76,200 *																90
95	61.2	278.6	58,700 *	65.3	283.1	69,800 *	67.6	284.9	78,100 *													95
100	59.3	275.6	54,400 *	63.4	280.6	64,200 *	65.8	282.7	71,400 *													100
105	57.3	272.5	50,700 *	61.5	277.9	59,300 *	63.9	280.3	65,600 *													105
110	55.3	269.1	47,300 *	59.5	275.1	55,000 *	62.0	277.7	60,500 *													110
115	53.2	265.5	44,200 *	57.6	272.0	51,100 *	60.1	274.8	56,100 *													115
120	51.0	261.5	41,500 *	55.5	268.6	47,700 *	58.1	271.8	52,100 *	62.1	275.4	57,500										120
130	46.5	252.6	36,700 *	51.3	261.1	41,800 *	54.0	264.9	45,400 *	58.2	269.6	51,500										130
140	41.6	242.1	32,700 *	46.8	252.3	37,000 *	49.7	257.0	40,000 *	54.2	262.8	45,700 *										140
150	36.2	229.6	29,300 *	42.0	241.9	32,900 *	45.1	247.6	35,400 *	49.9	254.9	40,200 *	54.2	259.6	38,700							150
160	30.0	214.0	26,300 *	36.6	229.5	29,500 *	40.1	236.6	31,600 *	45.3	245.6	35,600 *	49.9	251.7	35,100							160
170	22.2	193.1	23,700 *	30.4	214.1	26,500 *	34.4	223.2	28,300 *	40.3	234.6	31,800 *	45.3	242.4	31,900	49.8	247.3	29,200				170
180	9.5	156.8	19,000 *	22.7	193.7	23,900 *	27.8	206.4	25,500 *	34.7	221.4	28,500 *	40.3	231.5	29,100	45.2	238.0	26,600				180
190				10.7	159.5	20,600 *	19.2	182.9	23,000 *	28.1	204.7	25,600 *	34.7	218.2	26,700	40.2	227.0	24,200	45.0	232.4	21,900	190
200										19.6	181.6	23,100 *	28.2	201.6	24,400	34.6	213.8	22,100	39.9	221.3	19,900	200
210													19.8	178.7	22,400	28.1	197.1	20,200	34.3	207.9	18,200	210
220																19.6	173.9	18,500	27.6	190.9	16,500	220
230																			18.9	167.2	15,000	230



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	75,400 *																85
90	64.8	292.4	63,000 *	68.5	296.1	72,400 *																90
95	63.0	289.9	58,100 *	66.7	294.0	69,200 *																95
100	61.2	287.2	53,900 *	65.0	291.8	63,600 *	67.2	293.6	69,700 *													100
105	59.3	284.3	50,100 *	63.2	289.3	58,700 *	65.5	291.4	65,100 *													105
110	57.5	281.2	46,700 *	61.4	286.6	54,400 *	63.7	288.9	60,000 *													110
115	55.5	277.8	43,700 *	59.6	283.7	50,600 *	61.9	286.3	55,500 *													115
120	53.6	274.2	41,000 *	57.7	280.6	47,200 *	60.1	283.5	51,600 *													120
130	49.5	266.2	36,200 *	53.8	273.7	41,300 *	56.3	277.2	44,900 *	60.2	281.3	50,800										130
140	45.1	256.8	32,100 *	49.8	265.7	36,500 *	52.4	269.9	39,400 *	56.4	275.0	45,100 *										140
150	40.4	245.8	28,700 *	45.4	256.5	32,400 *	48.2	261.5	34,900 *	52.5	267.8	39,700 *	56.5	271.8	38,000							150
160	35.2	232.7	25,800 *	40.7	245.6	28,900 *	43.7	251.7	31,100 *	48.4	259.4	35,100 *	52.6	264.6	34,400							160
170	29.1	216.6	23,200 *	35.5	232.7	26,000 *	38.9	240.1	27,800 *	43.9	249.6	31,200 *	48.4	256.2	31,200	52.5	260.2	28,500				170
180	21.5	195.0	20,900 *	29.5	216.7	23,300 *	33.4	226.2	25,000 *	39.1	238.2	27,900 *	44.0	246.5	28,500	48.3	251.8	25,900				180
190	9.2	157.6	16,600 *	22.1	195.7	21,000 *	27.0	208.8	22,500 *	33.6	224.4	25,100 *	39.1	235.0	26,000	43.9	242.1	23,500				190
200				10.4	160.4	18,100 *	18.7	184.5	20,300 *	27.3	207.1	22,600 *	33.7	221.3	23,800	39.0	230.6	21,400	43.6	236.4	19,200	200
210										19.0	183.3	20,400 *	27.4	204.0	21,800	33.6	216.8	19,600	38.7	224.8	17,400	210
220													19.2	180.3	19,900	27.2	199.5	17,800	33.3	210.9	15,800	220
230																19.0	175.6	16,200	26.8	193.3	14,300	230
240																			18.4	168.8	13,000	240



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

120 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.8	314.0	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	67,700 *																90
95	64.5	301.1	57,600 *	68.0	304.9	64,900 *																95
100	62.8	298.6	53,400 *	66.4	302.8	62,100 *																100
105	61.1	295.9	49,600 *	64.7	300.4	58,200 *	66.8	302.3	62,400 *													105
110	59.4	293.0	46,200 *	63.0	298.0	53,900 *	65.2	300.1	59,500 *													110
115	57.6	289.9	43,200 *	61.3	295.3	50,100 *	63.5	297.6	55,000 *													115
120	55.8	286.5	40,500 *	59.6	292.4	46,700 *	61.8	295.0	51,100 *													120
130	52.0	279.1	35,700 *	56.0	286.0	40,800 *	58.3	289.1	44,400 *	61.9	292.8	50,200										130
140	48.1	270.6	31,600 *	52.3	278.7	36,000 *	54.7	282.4	38,900 *	58.4	286.9	44,700 *										140
150	43.9	260.8	28,200 *	48.3	270.3	31,900 *	50.9	274.7	34,400 *	54.8	280.3	39,200 *										150
160	39.3	249.4	25,300 *	44.1	260.5	28,400 *	46.8	265.8	30,600 *	51.0	272.6	34,600 *	54.9	277.0	33,800							160
170	34.2	235.8	22,700 *	39.6	249.2	25,500 *	42.5	255.6	27,300 *	47.0	263.8	30,700 *	51.1	269.4	30,600							170
180	28.3	219.1	20,400 *	34.5	235.8	22,800 *	37.8	243.5	24,500 *	42.7	253.6	27,400 *	47.0	260.6	27,900	51.0	265.0	25,200				180
190	21.0	196.9	18,400 *	28.7	219.3	20,600 *	32.5	229.1	22,000 *	38.0	241.6	24,600 *	42.7	250.4	25,400	47.0	256.2	22,900				190
200	8.9	158.3	14,500 *	21.5	197.5	18,500 *	26.3	211.1	19,800 *	32.7	227.3	22,100 *	38.0	238.5	23,200	42.6	246.0	20,800	46.7	250.6	18,600	200
210				10.1	161.3	15,900 *	18.1	186.1	17,800 *	26.5	209.5	19,900 *	32.8	224.2	21,200	37.9	234.1	19,000	42.4	240.3	16,800	210
220										18.5	184.9	17,900 *	26.6	206.4	19,400	32.7	219.7	17,300	37.7	228.2	15,200	220
230													18.7	182.0	17,700	26.5	201.8	15,700	32.3	213.8	13,800	230
240																18.5	177.2	14,200	26.1	195.6	12,400	240
250																			17.9	170.3	11,200	250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

120 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.0	323.0	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	62,500 *																90
95	65.9	312.1	53,900 *	69.2	315.7	60,000 *																95
100	64.3	309.8	51,200 *	67.6	313.7	57,300 *																100
105	62.7	307.3	48,600 *	66.1	311.5	54,600 *																105
110	61.1	304.5	45,700 *	64.5	309.1	51,900 *	66.5	311.1	55,000 *													110
115	59.4	301.6	42,600 *	62.9	306.6	49,300 *	64.9	308.8	52,400 *													115
120	57.7	298.5	39,900 *	61.3	303.9	46,100 *	63.3	306.3	49,900 *													120
130	54.2	291.7	35,100 *	57.9	298.0	40,300 *	60.1	300.8	43,800 *													130
140	50.6	283.9	31,100 *	54.5	291.2	35,400 *	56.7	294.6	38,400 *	60.2	298.6	44,100 *										140
150	46.8	275.0	27,700 *	50.8	283.5	31,300 *	53.2	287.4	33,800 *	56.8	292.4	38,600 *										150
160	42.7	264.8	24,700 *	47.0	274.6	27,900 *	49.5	279.3	30,000 *	53.3	285.3	34,000 *	56.9	289.2	33,000							160
170	38.2	252.9	22,100 *	42.9	264.5	24,900 *	45.6	270.1	26,700 *	49.6	277.2	30,200 *	53.3	282.1	29,900							170
180	33.3	238.8	19,900 *	38.5	252.7	22,300 *	41.4	259.4	23,900 *	45.7	268.0	26,900 *	49.7	274.0	27,200							180
190	27.6	221.5	17,800 *	33.6	238.8	20,000 *	36.8	246.9	21,400 *	41.5	257.4	24,000 *	45.8	264.8	24,700	49.6	269.7	22,200				190
200	20.4	198.7	16,000 *	27.9	221.8	18,000 *	31.6	232.0	19,200 *	37.0	245.0	21,500 *	41.6	254.2	22,500	45.7	260.5	20,100				200
210	8.7	159.1	12,400 *	20.9	199.4	16,200 *	25.6	213.3	17,300 *	31.8	230.2	19,300 *	37.0	241.9	20,600	41.5	249.8	18,300	45.5	254.8	16,100	210
220				9.8	162.1	13,800 *	17.7	187.6	15,500 *	25.8	211.7	17,400 *	31.9	227.1	18,700	36.9	237.4	16,600	41.2	244.1	14,500	220
230										18.0	186.4	15,600 *	25.9	208.7	17,100	31.8	222.6	15,000	36.7	231.6	13,100	230
240													18.2	183.5	15,600	25.8	204.1	13,600	31.5	216.6	11,700	240
250																18.0	178.8	12,300	25.4	197.8	10,500	250
260																			17.4	171.8	9,300	260



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	170,300 * c																50
55	53.6	195.7	123,100 * b	64.7	201.9	159,500 * b																55
60	48.3	191.5	108,800 *	60.1	199.1	147,800 * b	66.4	201.6	161,200 * b													60
65	42.4	186.4	97,300 *	55.2	195.8	128,100 * b	61.8	199.1	151,700 * b													65
70	35.8	180.0	87,900 *	49.9	191.8	112,800 *	57.0	196.0	134,800 * b													70
75	27.7	171.6	80,000 *	44.2	187.0	100,600 *	51.9	192.3	118,000 *	63.0	197.2	126,800 b										75
80	16.3	158.5	73,200 *	37.9	181.0	90,600 *	46.4	187.8	104,800 *	58.2	194.2	117,100 b										80
85				30.4	173.4	82,300 *	40.3	182.3	94,100 *	53.2	190.7	108,600										85
90				20.4	162.3	75,200 *	33.3	175.4	85,200 *	47.8	186.4	101,200										90
95							24.5	165.9	77,700 *	41.9	181.2	94,700	54.2	187.8	91,000							95
100							9.7	148.5	71,200 *	35.1	174.6	87,300 *	48.9	183.7	85,400							100
105										27.0	166.0	79,500 *	43.1	178.7	80,400							105
110										14.9	152.1	72,800 *	36.5	172.5	75,900	49.5	179.7	72,900				110
115													28.7	164.3	71,800	43.8	174.8	69,000				115
120													17.9	152.1	68,100	37.4	168.8	65,400				120
130																19.5	149.5	59,100	37.6	163.6	56,800	130
140																20.0	144.6	51,600	20.0	144.6	51,600	140



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	155,200 *b																55
60	54.5	204.5	109,400 *	64.1	210.5	146,000 *b																60
65	49.9	200.5	97,800 *	60.0	207.8	128,800 *b	65.6	210.3	147,700 *b													65
70	44.9	195.7	88,300 *	55.8	204.5	113,400 *	61.6	207.8	135,600 *b													70
75	39.5	190.0	80,300 *	51.3	200.7	101,100 *	57.4	204.7	118,700 *													75
80	33.3	183.0	73,500 *	46.4	196.2	91,000 *	53.0	201.1	105,300 *	62.6	205.8	116,500 b										80
85	25.9	173.9	67,700 *	41.2	190.8	82,600 *	48.3	196.8	94,500 *	58.4	202.9	108,100										85
90	15.2	159.8	62,600 *	35.3	184.2	75,500 *	43.2	191.8	85,500 *	54.1	199.4	100,700										90
95				28.3	175.9	69,400 *	37.5	185.7	78,000 *	49.5	195.4	94,200										95
100				19.0	163.9	64,100 *	31.0	178.1	71,500 *	44.5	190.5	87,600 *	54.9	196.6	84,800							100
105							22.9	167.9	66,000 *	39.0	184.7	79,800 *	50.4	192.6	79,800							105
110							9.0	149.2	61,000 *	32.7	177.6	73,100 *	45.5	188.0	75,400							110
115										25.1	168.2	67,300 *	40.1	182.4	71,300	51.0	188.6	68,300				115
120										13.8	153.3	62,200 *	34.0	175.5	67,700	46.1	184.1	64,800				120
130													16.7	153.5	61,100	34.8	171.9	58,600	46.3	178.8	56,100	130
140																18.2	151.1	53,300	35.1	166.8	51,100	140
150																			18.6	146.2	46,700	150



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	150,800 * b																55
60	58.9	216.6	109,800 *	67.2	221.6	142,300 * b																60
65	55.1	213.2	98,100 *	63.7	219.2	129,400 *																65
70	51.1	209.3	88,500 *	60.0	216.4	113,800 *	65.0	219.0	136,200 * b													70
75	46.8	204.8	80,500 *	56.3	213.2	101,400 *	61.4	216.4	119,100 *													75
80	42.2	199.6	73,700 *	52.3	209.5	91,200 *	57.7	213.4	105,700 *													80
85	37.1	193.4	67,800 *	48.1	205.2	82,800 *	53.8	209.9	94,800 *	62.3	214.5	107,600										85
90	31.3	185.8	62,700 *	43.6	200.2	75,600 *	49.7	205.8	85,700 *	58.6	211.6	100,200										90
95	24.3	176.0	58,200 *	38.7	194.4	69,500 *	45.3	201.1	78,100 *	54.8	208.2	93,800										95
100	14.2	161.0	54,200 *	33.1	187.2	64,200 *	40.6	195.5	71,700 *	50.7	204.2	87,900 *										100
105				26.6	178.2	59,500 *	35.3	188.9	66,100 *	46.4	199.7	80,000 *	55.5	205.3	79,400							105
110				17.9	165.5	55,400 *	29.2	180.7	61,200 *	41.8	194.4	73,200 *	51.5	201.5	74,900							110
115							21.5	169.8	56,900 *	36.6	188.1	67,400 *	47.3	197.1	70,900							115
120							8.4	149.9	53,000 *	30.8	180.4	62,400 *	42.7	191.9	67,300	52.0	197.4	64,400				120
130										13.0	154.4	54,000 *	32.0	178.4	60,800	43.3	188.1	58,200				130
140													15.6	154.8	54,700 *	32.7	174.9	53,000	43.5	182.8	50,700	140
150																17.1	152.5	48,400	33.0	169.7	46,400	150
160																			17.5	147.7	42,600	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	138,200 * ^b																60
65	59.0	225.2	98,600 *	66.5	230.3	130,500 *																65
70	55.6	221.9	88,900 *	63.3	227.9	114,600 *	67.6	230.0	132,400 *													70
75	52.0	218.2	80,700 *	60.0	225.1	102,000 *	64.5	227.7	120,100 *													75
80	48.2	213.9	73,800 *	56.6	221.9	91,700 *	61.3	225.1	106,400 *													80
85	44.2	209.0	67,900 *	53.1	218.3	83,100 *	57.9	222.0	95,300 *													85
90	39.9	203.3	62,700 *	49.4	214.2	75,800 *	54.4	218.6	86,100 *	62.1	223.1	99,700										90
95	35.1	196.6	58,200 *	45.5	209.5	69,600 *	50.8	214.7	78,400 *	58.7	220.2	93,200										95
100	29.6	188.5	54,200 *	41.2	204.0	64,300 *	46.9	210.2	71,800 *	55.3	216.9	87,500										100
105	23.0	178.0	50,600 *	36.6	197.7	59,600 *	42.8	205.0	66,200 *	51.7	213.1	80,200 *										105
110	13.5	162.2	47,400 *	31.4	190.1	55,400 *	38.4	199.1	61,200 *	47.9	208.8	73,400 *	56.0	214.0	74,300							110
115				25.2	180.5	51,700 *	33.4	191.9	56,900 *	43.9	203.8	67,500 *	52.4	210.3	70,300							115
120				16.9	166.9	48,400 *	27.6	183.2	53,000 *	39.5	198.0	62,400 *	48.7	206.1	66,700							120
130							7.9	150.5	46,400 *	29.1	182.9	54,000 *	40.4	195.6	60,300	49.1	202.1	57,600				130
140										12.3	155.4	47,200 *	30.3	181.1	54,800 *	40.9	191.8	52,400				140
150													14.8	156.1	47,900 *	31.0	177.7	48,000	41.1	186.6	45,700	150
160																16.2	153.9	44,000	31.2	172.5	42,000	160
170																			16.6	149.1	38,700	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	126,300 *																65
70	59.1	233.9	90,900 *	65.9	239.0	117,200 *																70
75	56.0	230.6	82,500 *	63.0	236.5	104,300 *	67.0	238.7	121,500 *													75
80	52.8	227.0	75,400 *	60.0	233.8	93,700 *	64.1	236.4	108,700 *													80
85	49.4	222.8	69,400 *	57.0	230.6	84,900 *	61.1	233.7	97,400 *													85
90	45.8	218.1	64,100 *	53.8	227.1	77,500 *	58.1	230.7	88,000 *													90
95	42.0	212.8	59,500 *	50.4	223.1	71,100 *	55.0	227.3	80,100 *	61.9	231.8	92,700										95
100	37.9	206.7	55,400 *	46.9	218.6	65,600 *	51.7	223.5	73,400 *	58.9	228.9	87,000										100
105	33.4	199.6	51,700 *	43.2	213.5	60,800 *	48.2	219.2	67,600 *	55.7	225.6	81,800										105
110	28.2	191.0	48,500 *	39.2	207.6	56,600 *	44.6	214.3	62,500 *	52.5	221.9	75,000 *										110
115	21.9	179.9	45,500 *	34.8	200.8	52,800 *	40.7	208.8	58,100 *	49.1	217.7	69,000 *	56.4	222.7	69,800							115
120	12.8	163.2	41,300 *	29.8	192.7	49,400 *	36.5	202.4	54,200 *	45.5	213.0	63,800 *	53.1	219.1	66,200							120
130				16.1	168.3	43,600 *	26.3	185.5	47,500 *	37.6	201.4	55,100 *	46.2	210.4	59,800							130
140							7.5	151.1	41,400 *	27.7	185.4	48,300 *	38.4	199.1	54,400	46.7	206.4	51,900				140
150										11.7	156.4	42,700 *	28.8	183.7	48,900 *	38.9	195.4	47,500	46.8	201.2	45,200	150
160													14.1	157.3	43,200 *	29.5	180.3	43,600	39.1	190.2	41,500	160
170																15.4	155.2	40,200	29.7	175.2	38,300	170
180																			15.8	150.5	35,400 *	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	122,500 *																65
70	62.0	245.4	90,500 *	68.0	249.9	116,900 *																70
75	59.2	242.5	82,200 *	65.4	247.7	104,000 *																75
80	56.4	239.3	75,100 *	62.8	245.2	93,400 *	66.4	247.5	108,400 *													80
85	53.4	235.7	69,000 *	60.0	242.4	84,600 *	63.8	245.1	97,000 *													85
90	50.4	231.7	63,700 *	57.2	239.3	77,100 *	61.0	242.4	87,600 *													90
95	47.2	227.2	59,100 *	54.3	235.8	70,700 *	58.3	239.4	79,700 *													95
100	43.8	222.2	55,000 *	51.3	231.9	65,200 *	55.4	236.0	73,000 *	61.7	240.5	86,400										100
105	40.2	216.5	51,300 *	48.1	227.6	60,400 *	52.4	232.3	67,200 *	59.0	237.6	81,300										105
110	36.2	210.0	48,000 *	44.8	222.7	56,200 *	49.3	228.2	62,100 *	56.1	234.3	74,600 *										110
115	31.9	202.5	45,100 *	41.3	217.3	52,400 *	46.0	223.5	57,700 *	53.2	230.7	68,600 *										115
120	27.0	193.4	42,400 *	37.4	211.0	49,000 *	42.6	218.3	53,700 *	50.1	226.6	63,400 *	56.7	231.4	65,600							120
130	12.2	164.3	36,400 *	28.5	195.3	43,200 *	34.8	205.5	47,100 *	43.5	217.0	54,700 *	50.7	223.9	59,300							130
140				15.4	169.6	38,400 *	25.1	187.7	41,600 *	35.9	204.7	47,800 *	44.1	214.5	53,900	51.1	219.8	51,300				140
150							7.2	151.7	36,600 *	26.5	187.8	42,300 *	36.7	202.5	48,500 *	44.6	210.6	46,900				150
160										11.2	157.3	37,600 *	27.5	186.1	42,800 *	37.2	198.8	43,100	44.7	205.3	40,900	160
170													13.4	158.5	38,000 *	28.2	182.8	39,700	37.3	193.6	37,700	170
180																14.7	156.5	36,700	28.4	177.7	34,700 *	180
190																			15.0	151.8	31,900 *	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	113,400 *																70
75	61.8	254.1	82,700 *	67.4	258.7	104,900 *																75
80	59.3	251.2	75,500 *	65.0	256.4	94,100 *																80
85	56.6	248.0	69,300 *	62.6	253.9	85,100 *	65.9	256.2	97,800 *													85
90	53.9	244.5	63,900 *	60.0	251.1	77,500 *	63.5	253.7	88,200 *													90
95	51.2	240.6	59,200 *	57.4	248.0	71,100 *	61.0	251.0	80,200 *													95
100	48.2	236.2	55,100 *	54.8	244.5	65,500 *	58.4	248.1	73,400 *													100
105	45.2	231.4	51,400 *	52.0	240.7	60,600 *	55.8	244.8	67,500 *	61.6	249.1	70,600										105
110	41.9	226.1	48,100 *	49.1	236.6	56,300 *	53.0	241.1	62,400 *	59.0	246.2	66,300										110
115	38.5	220.0	45,100 *	46.1	231.9	52,500 *	50.2	237.1	57,900 *	56.4	243.0	62,500										115
120	34.7	213.2	42,400 *	42.9	226.7	49,100 *	47.2	232.6	53,900 *	53.7	239.4	59,100										120
130	25.9	195.7	37,700 *	35.9	214.3	43,200 *	40.8	222.0	47,100 *	48.0	231.1	53,000	54.2	236.6	49,100							130
140	11.7	165.3	32,500 *	27.4	197.7	38,400 *	33.4	208.5	41,600 *	41.7	220.8	47,900 *	48.6	228.4	44,300							140
150				14.7	170.9	34,300 *	24.1	189.9	37,100 *	34.4	207.8	42,300 *	42.3	218.4	40,200	48.9	224.4	36,900				150
160							6.9	152.3	32,700 *	25.4	190.0	37,600 *	35.2	205.6	36,500	42.7	214.5	33,600				160
170										10.7	158.2	33,600 *	26.4	188.5	33,300	35.6	202.0	30,600	42.8	209.3	27,900	170
180													12.9	159.6	30,400	27.0	185.2	27,900	35.8	196.8	25,500	180
190																14.1	157.7	25,500	27.2	180.1	23,200	190
200																			14.4	153.0	21,200	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	103,800 *																75
80	61.7	262.8	75,000 *	66.9	267.4	93,700 *																80
85	59.3	259.9	68,900 *	64.7	265.1	84,700 *	67.7	267.1	97,400 *													85
90	56.9	256.7	63,500 *	62.4	262.5	77,100 *	65.5	264.9	87,800 *													90
95	54.4	253.2	58,800 *	60.0	259.7	70,600 *	63.2	262.4	79,800 *													95
100	51.8	249.4	54,600 *	57.6	256.7	65,000 *	60.9	259.7	72,900 *													100
105	49.1	245.2	50,900 *	55.2	253.3	60,200 *	58.5	256.7	67,000 *													105
110	46.4	240.6	47,600 *	52.6	249.5	55,900 *	56.1	253.4	61,900 *	61.5	257.8	65,600										110
115	43.4	235.4	44,700 *	50.0	245.5	52,000 *	53.5	249.9	57,400 *	59.1	254.9	61,800										115
120	40.3	229.8	42,000 *	47.2	241.0	48,600 *	50.9	245.9	53,400 *	56.7	251.7	58,400										120
130	33.4	216.2	37,300 *	41.3	230.5	42,800 *	45.4	236.8	46,700 *	51.6	244.3	52,300	57.2	248.7	48,400							130
140	24.9	197.9	33,300 *	34.5	217.4	37,900 *	39.3	225.6	41,200 *	46.1	235.4	47,200	52.1	241.5	43,600							140
150	11.3	166.2	28,800 *	26.3	200.0	33,900 *	32.1	211.4	36,600 *	40.1	224.5	41,800 *	46.7	232.8	39,400	52.4	237.5	36,200				150
160				14.2	172.1	30,400 *	23.2	191.9	32,700 *	33.1	210.8	37,100 *	40.7	222.1	35,900	47.0	228.8	32,800				160
170							6.6	152.8	29,100 *	24.4	192.2	33,200 *	33.8	208.7	32,700	41.1	218.3	29,900	47.1	223.6	27,100	170
180										10.3	159.1	29,800 *	25.4	190.7	29,900	34.3	205.1	27,300	41.2	213.1	24,700	180
190													12.4	160.6	27,300	26.0	187.5	24,900	34.4	199.9	22,500	190
200																13.6	158.9	22,700	26.2	182.5	20,500	200
210																			13.9	154.2	18,700	210



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	99,200 *																75
80	63.7	274.1	75,800 *	68.5	278.2	94,600 *																80
85	61.6	271.4	69,500 *	66.5	276.1	85,500 *																85
90	59.4	268.5	64,100 *	64.4	273.8	77,900 *	67.2	275.8	88,700 *													90
95	57.1	265.4	59,300 *	62.2	271.2	71,300 *	65.1	273.6	80,600 *													95
100	54.8	261.9	55,100 *	60.0	268.4	65,600 *	63.0	271.1	73,600 *													100
105	52.4	258.2	51,300 *	57.8	265.3	60,700 *	60.8	268.4	67,600 *													105
110	49.9	254.1	48,000 *	55.5	262.0	56,300 *	58.6	265.4	62,400 *													110
115	47.4	249.6	45,000 *	53.1	258.3	52,400 *	56.3	262.1	57,900 *	61.4	266.5	61,100										115
120	44.7	244.7	42,200 *	50.7	254.3	49,000 *	54.0	258.6	53,800 *	59.2	263.5	57,700										120
130	38.9	233.3	37,500 *	45.5	245.2	43,100 *	49.1	250.5	47,000 *	54.6	256.9	51,700										130
140	32.2	219.1	33,500 *	39.8	234.1	38,200 *	43.8	240.8	41,400 *	49.7	249.0	46,600	55.0	254.0	42,900							140
150	24.0	200.0	30,100 *	33.3	220.4	34,100 *	37.9	229.1	36,800 *	44.5	239.5	42,100 *	50.2	246.2	38,800							150
160	10.9	167.1	24,700 *	25.4	202.3	30,600 *	31.0	214.2	32,900 *	38.6	228.0	37,400 *	45.0	236.9	35,200	50.5	242.2	32,100				160
170				13.7	173.3	27,200 *	22.4	193.9	29,600 *	31.9	213.6	33,400 *	39.2	225.7	32,100	45.3	233.0	29,200				170
180							6.4	153.3	25,100 *	23.6	194.2	30,000 *	32.6	211.6	29,300	39.6	221.9	26,600	45.4	227.8	24,000	180
190										9.9	160.0	27,000 *	24.5	192.9	26,800	33.1	208.1	24,300	39.7	216.7	21,800	190
200													12.0	161.6	24,500	25.1	189.7	22,200	33.2	202.9	19,900	200
210																13.1	160.0	20,200	25.2	184.7	18,100	210
220																			13.4	155.4	16,500	220



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	90,200 *																80
85	63.5	282.7	69,700 *	68.0	287.0	86,100 *																85
90	61.5	280.1	64,100 *	66.1	284.8	78,200 *																90
95	59.4	277.2	59,300 *	64.1	282.5	71,500 *	66.8	284.6	81,000 *													95
100	57.3	274.1	55,000 *	62.1	279.9	65,800 *	64.8	282.3	73,900 *													100
105	55.1	270.6	51,200 *	60.0	277.1	60,700 *	62.8	279.8	67,800 *													105
110	52.9	267.0	47,800 *	57.9	274.0	56,300 *	60.8	277.0	62,500 *													110
115	50.6	262.9	44,800 *	55.8	270.7	52,300 *	58.7	274.1	57,900 *													115
120	48.2	258.6	42,000 *	53.6	267.1	48,800 *	56.6	270.8	53,700 *	61.3	275.1	57,000										120
130	43.2	248.7	37,200 *	48.9	258.9	42,800 *	52.1	263.5	46,800 *	57.1	269.0	50,900										130
140	37.6	236.7	33,100 *	44.0	249.3	37,900 *	47.4	254.9	41,200 *	52.7	261.9	45,900	57.5	266.1	42,100							140
150	31.2	221.9	29,700 *	38.5	237.6	33,700 *	42.3	244.7	36,500 *	48.0	253.5	41,500	53.1	259.1	38,000							150
160	23.2	202.0	26,700 *	32.2	223.3	30,200 *	36.6	232.4	32,600 *	43.0	243.5	37,000 *	48.5	250.8	34,500							160
170	10.5	168.0	21,800 *	24.6	204.4	27,100 *	30.0	216.9	29,200 *	37.3	231.4	33,000 *	43.5	241.0	31,400	48.8	246.8	28,400				170
180				13.2	174.4	24,200 *	21.6	195.8	26,300 *	30.9	216.4	29,600 *	37.9	229.1	28,600	43.8	237.1	25,900				180
190							6.1	153.8	22,300 *	22.8	196.3	26,600 *	31.6	214.5	26,200	38.3	225.4	23,600	43.9	231.8	21,100	190
200										9.6	160.8	24,000 *	23.7	195.0	23,900	32.0	210.9	21,500	38.4	220.2	19,200	200
210													11.6	162.6	21,900	24.3	191.9	19,600	32.1	205.8	17,400	210
220																12.6	161.1	17,900	24.4	186.8	15,800	220
230																			12.9	156.5	14,300	230



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	82,400 *																85
90	63.3	291.4	63,800 *	67.6	295.8	78,000 *																90
95	61.4	288.7	59,000 *	65.7	293.5	71,300 *																95
100	59.4	285.9	54,700 *	63.9	291.1	65,500 *	66.4	293.3	73,600 *													100
105	57.5	282.7	50,900 *	62.0	288.5	60,400 *	64.5	291.0	67,500 *													105
110	55.4	279.4	47,500 *	60.0	285.7	56,000 *	62.7	288.4	62,200 *													110
115	53.3	275.7	44,400 *	58.0	282.7	52,000 *	60.7	285.7	57,600 *													115
120	51.2	271.8	41,700 *	56.0	279.4	48,500 *	58.8	282.7	53,400 *													120
130	46.7	262.9	36,900 *	51.8	272.0	42,500 *	54.7	276.1	46,500 *	59.3	280.9	50,500										130
140	41.8	252.5	32,800 *	47.4	263.3	37,600 *	50.5	268.3	40,900 *	55.2	274.3	45,500										140
150	36.4	240.0	29,400 *	42.6	253.2	33,400 *	45.9	259.2	36,200 *	51.0	266.7	41,100	55.6	271.4	37,600							150
160	30.2	224.6	26,400 *	37.3	241.0	29,900 *	41.0	248.5	32,200 *	46.5	257.8	36,700 *	51.4	263.9	34,100							160
170	22.5	204.0	23,800 *	31.2	226.1	26,800 *	35.5	235.6	28,900 *	41.6	247.3	32,700 *	46.9	255.1	31,000	51.7	259.9	28,000				170
180	10.2	168.9	19,400 *	23.8	206.5	24,200 *	29.1	219.5	26,000 *	36.2	234.7	29,300 *	42.1	244.8	28,300	47.2	251.2	25,500				180
190				12.8	175.5	21,500 *	21.0	197.6	23,400 *	29.9	219.1	26,300 *	36.7	232.5	25,800	42.4	241.0	23,200	47.3	245.9	20,700	190
200							5.9	154.3	19,900 *	22.1	198.2	23,700 *	30.6	217.2	23,600	37.1	228.8	21,200	42.5	235.8	18,800	200
210										9.3	161.5	21,400 *	23.0	197.0	21,600	31.0	213.7	19,300	37.2	223.6	17,100	210
220													11.2	163.6	19,800	23.5	193.9	17,600	31.1	208.6	15,500	220
230																12.3	162.1	16,000	23.7	188.9	14,000	230
240																			12.5	157.5	12,700	240



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

130 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.1	313.7	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	75,500 *																85
90	64.9	302.6	63,300 *	68.9	306.6	72,600 *																90
95	63.1	300.1	58,500 *	67.2	304.5	69,800 *																95
100	61.3	297.4	54,200 *	65.4	302.3	64,900 *	67.8	304.2	70,100 *													100
105	59.5	294.5	50,400 *	63.6	299.8	59,900 *	66.1	302.0	67,000 *													105
110	57.6	291.4	47,000 *	61.9	297.2	55,400 *	64.3	299.6	61,700 *													110
115	55.7	288.1	43,900 *	60.0	294.4	51,500 *	62.5	297.1	57,000 *													115
120	53.7	284.5	41,100 *	58.2	291.3	48,000 *	60.7	294.4	52,900 *													120
130	49.6	276.4	36,300 *	54.3	284.5	42,000 *	57.0	288.2	46,000 *	61.2	292.4	49,800										130
140	45.3	267.1	32,300 *	50.3	276.7	37,000 *	53.1	281.1	40,300 *	57.4	286.4	44,800										140
150	40.6	256.2	28,800 *	46.0	267.6	32,900 *	48.9	272.9	35,600 *	53.5	279.4	40,500	57.8	283.4	36,900							150
160	35.4	243.2	25,900 *	41.3	257.0	29,300 *	44.5	263.3	31,700 *	49.5	271.3	36,200 *	53.9	276.6	33,400							160
170	29.3	227.2	23,300 *	36.2	244.3	26,300 *	39.7	252.1	28,300 *	45.1	262.0	32,200 *	49.9	268.6	30,300							170
180	21.8	205.9	21,000 *	30.3	228.8	23,600 *	34.4	238.7	25,400 *	40.4	251.0	28,700 *	45.5	259.4	27,600	50.1	264.6	24,700				180
190	9.9	169.7	17,000 *	23.1	208.6	21,300 *	28.2	222.0	22,900 *	35.1	237.9	25,800 *	40.8	248.6	25,200	45.8	255.5	22,500				190
200				12.4	176.6	19,000 *	20.3	199.4	20,600 *	29.0	221.7	23,200 *	35.7	235.7	23,000	41.1	244.8	20,500	45.9	250.2	18,000	200
210							5.8	154.8	17,500 *	21.5	200.1	20,900 *	29.7	219.8	21,000	36.0	232.0	18,600	41.2	239.5	16,300	210
220										9.0	162.3	18,900 *	22.3	199.0	19,200	30.1	216.4	17,000	36.1	226.9	14,800	220
230													10.9	164.5	17,500	22.8	195.9	15,400	30.2	211.3	13,300	230
240																11.9	163.1	13,900	23.0	191.0	12,000	240
250																			12.2	158.6	10,800	250



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

130 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.9	324.1	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	67,800 *																90
95	64.6	311.3	58,000 *	68.4	315.3	65,200 *																95
100	63.0	308.8	53,700 *	66.8	313.2	62,500 *																100
105	61.2	306.1	49,900 *	65.1	311.0	59,400 *	67.4	312.9	62,900 *													105
110	59.5	303.2	46,500 *	63.5	308.5	54,900 *	65.7	310.7	60,400 *													110
115	57.7	300.1	43,400 *	61.8	305.9	51,000 *	64.1	308.3	56,500 *													115
120	55.9	296.8	40,600 *	60.0	303.0	47,500 *	62.4	305.8	52,400 *													120
130	52.2	289.4	35,800 *	56.5	296.8	41,500 *	58.9	300.1	45,500 *	62.8	303.8	49,200										130
140	48.2	281.0	31,800 *	52.7	289.5	36,500 *	55.3	293.5	39,800 *	59.3	298.2	44,200										140
150	44.0	271.2	28,300 *	48.8	281.3	32,400 *	51.5	286.0	35,100 *	55.8	291.7	39,800										150
160	39.4	259.8	25,400 *	44.7	271.7	28,800 *	47.5	277.3	31,200 *	52.0	284.3	35,700 *	56.1	288.8	32,700							160
170	34.4	246.3	22,800 *	40.2	260.6	25,800 *	43.3	267.3	27,800 *	48.0	275.8	31,700 *	52.4	281.5	29,700							170
180	28.5	229.7	20,500 *	35.2	247.5	23,200 *	38.6	255.6	24,900 *	43.8	266.0	28,200 *	48.4	273.1	27,000	52.6	277.5	24,100				180
190	21.2	207.8	18,500 *	29.5	231.4	20,800 *	33.5	241.7	22,400 *	39.2	254.6	25,300 *	44.2	263.5	24,600	48.7	269.2	21,900				190
200	9.6	170.6	14,800 *	22.5	210.6	18,800 *	27.4	224.4	20,200 *	34.1	241.0	22,700 *	39.7	252.2	22,400	44.5	259.6	19,800				200
210				12.1	177.6	16,700 *	19.8	201.1	18,200 *	28.2	224.2	20,400 *	34.7	238.8	20,400	40.0	248.4	18,000	44.6	254.3	15,700	210
220							5.6	155.2	15,300 *	20.9	201.9	18,400 *	28.9	222.4	18,700	35.0	235.2	16,400	40.1	243.2	14,100	220
230										8.8	163.0	16,600 *	21.7	200.9	17,000	29.3	219.0	14,900	35.1	230.0	12,700	230
240													10.6	165.4	15,500	22.2	197.9	13,500	29.4	213.9	11,500	240
250																11.6	164.1	12,100	22.3	192.9	10,200	250
260																			11.8	159.6	9,100	260



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

130 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.1	333.1	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	60,200 *																95
100	64.4	320.0	51,300 *	68.0	324.1	57,700 *																100
105	62.8	317.4	48,700 *	66.5	321.9	55,100 *																105
110	61.2	314.7	45,900 *	64.9	319.6	52,400 *	67.0	321.7	55,600 *													110
115	59.5	311.8	42,900 *	63.3	317.2	49,900 *	65.5	319.4	53,100 *													115
120	57.8	308.8	40,100 *	61.7	314.5	46,900 *	63.9	317.0	50,700 *													120
130	54.4	301.9	35,300 *	58.3	308.7	40,900 *	60.6	311.7	44,900 *													130
140	50.7	294.2	31,200 *	54.9	302.0	36,000 *	57.3	305.6	39,300 *	61.0	309.8	43,500										140
150	46.9	285.3	27,800 *	51.3	294.4	31,800 *	53.8	298.6	34,600 *	57.7	303.8	39,200										150
160	42.8	275.1	24,800 *	47.5	285.7	28,300 *	50.1	290.7	30,600 *	54.2	296.9	35,100 *	58.0	300.8	32,000							160
170	38.4	263.3	22,200 *	43.5	275.7	25,200 *	46.3	281.6	27,300 *	50.6	289.1	31,100 *	54.6	294.0	29,000							170
180	33.5	249.3	19,900 *	39.1	264.2	22,600 *	42.1	271.2	24,400 *	46.7	280.2	27,700 *	50.9	286.3	26,300							180
190	27.8	232.2	17,900 *	34.2	250.6	20,300 *	37.6	259.1	21,800 *	42.6	269.9	24,700 *	47.1	277.5	23,900	51.2	282.3	21,100				190
200	20.7	209.6	16,100 *	28.7	234.0	18,200 *	32.6	244.6	19,600 *	38.2	258.1	22,200 *	43.1	267.4	21,700	47.4	273.6	19,100				200
210	9.4	171.3	12,800 *	21.9	212.5	16,400 *	26.7	226.8	17,600 *	33.2	244.0	19,900 *	38.6	255.7	19,800	43.3	263.6	17,300	47.4	268.3	14,900	210
220				11.8	178.6	14,500 *	19.3	202.8	15,800 *	27.5	226.6	17,900 *	33.7	241.9	18,000	38.9	252.0	15,700	43.4	258.3	13,400	220
230							5.4	155.7	13,300 *	20.3	203.7	16,100 *	28.1	224.9	16,400	34.1	238.3	14,200	39.0	246.8	12,000	230
240										8.5	163.8	14,400 *	21.1	202.7	14,900	28.5	221.6	12,800	34.2	233.1	10,700	240
250													10.3	166.3	13,500	21.6	199.8	11,500	28.6	216.5	9,600	250
260																11.3	165.1	10,300	21.8	194.8	8,500	260
270																			11.5	160.6	7,400	270



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	171,500 *c																50
55	54.0	206.0	124,200 *b	65.8	212.4	161,000 *b																55
60	48.7	201.8	109,700 *	61.2	209.8	151,400 *b	67.9	212.3	162,200 *b													60
65	42.8	196.8	98,100 *	56.4	206.6	132,400 *b	63.4	209.9	151,600 *b													65
70	36.3	190.5	88,500 *	51.2	202.8	116,200 *	58.7	207.0	140,700 *b													70
75	28.4	182.3	80,500 *	45.7	198.2	103,300 *	53.7	203.5	123,400 *b													75
80	17.3	169.8	73,700 *	39.5	192.6	92,800 *	48.4	199.3	109,100 *	60.7	205.5	115,800 b										80
85				32.3	185.4	84,200 *	42.5	194.2	97,500 *	55.8	202.2	107,400 b										85
90				23.2	175.4	76,800 *	35.9	187.8	88,100 *	50.6	198.4	100,100										90
95				5.1	153.9	69,000 *	27.9	179.4	80,100 *	45.0	193.7	93,700	57.6	199.6	89,500 b							95
100							16.5	166.5	73,400 *	38.8	187.9	87,900	52.5	196.0	84,000							100
105										31.4	180.5	82,800	47.1	191.6	79,100							105
110										22.0	170.1	76,100 *	41.1	186.3	74,700							110
115													34.2	179.5	70,700	48.7	188.1	67,500				115
120													25.8	170.5	67,000	42.9	183.0	64,000				120
130																28.4	168.6	57,900	44.0	178.3	55,300	130
140																			30.1	164.5	50,300	140



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	156,200 *b																55
60	54.8	214.7	111,000 *	65.1	221.1	147,300 *b																60
65	50.2	210.8	99,100 *	61.1	218.4	134,200 *b	67.0	221.0	147,400 *b													65
70	45.3	206.1	89,300 *	56.8	215.3	117,600 *	63.0	218.5	138,500 *b													70
75	39.9	200.4	81,200 *	52.4	211.6	104,400 *	58.9	215.7	125,000 *													75
80	33.8	193.5	74,300 *	47.7	207.3	93,800 *	54.5	212.3	110,300 *													80
85	26.4	184.6	68,300 *	42.5	202.1	84,900 *	49.9	208.3	98,600 *	60.6	214.1	106,800 b										85
90	16.1	171.1	63,100 *	36.8	195.9	77,400 *	45.0	203.5	88,900 *	56.4	210.9	99,600										90
95				30.1	188.1	71,100 *	39.6	197.8	80,800 *	51.9	207.2	93,100										95
100				21.6	177.3	65,500 *	33.4	190.8	74,000 *	47.1	202.8	87,400	57.9	208.3	83,400							100
105				4.7	154.2	59,600 *	26.0	181.7	68,100 *	41.9	197.5	82,300	53.5	204.8	78,500							105
110							15.4	167.8	62,900 *	36.1	191.2	76,800 *	48.9	200.6	74,100							110
115										29.3	183.1	70,500 *	43.8	195.7	70,200							115
120										20.5	171.8	65,000 *	38.3	189.8	66,500	50.2	197.0	63,400				120
130													24.0	172.6	60,200	39.9	186.7	57,400				130
140																26.5	170.9	52,200	41.0	182.0	49,700	140
150																			28.0	167.0	45,400	150



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	143,200 *b																60
65	55.4	223.4	99,400 *	64.6	229.7	134,800 *b																65
70	51.4	219.6	89,600 *	60.9	227.1	118,100 *	66.2	229.7	134,900 *b													70
75	47.1	215.2	81,400 *	57.2	224.0	104,800 *	62.7	227.2	125,500 *													75
80	42.5	210.0	74,400 *	53.3	220.4	94,000 *	59.0	224.3	110,700 *													80
85	37.5	203.9	68,500 *	49.2	216.3	85,100 *	55.2	221.0	98,900 *													85
90	31.8	196.4	63,300 *	44.7	211.5	77,600 *	51.1	217.1	89,200 *	60.5	222.8	99,100										90
95	24.9	186.8	58,700 *	39.9	205.8	71,200 *	46.9	212.6	81,000 *	56.8	219.6	92,700										95
100	15.2	172.4	54,600 *	34.6	199.0	65,700 *	42.3	207.4	74,100 *	52.8	216.0	87,000										100
105				28.3	190.6	60,800 *	37.2	201.2	68,200 *	48.7	211.8	81,900										105
110				20.3	179.1	56,500 *	31.4	193.7	63,000 *	44.2	206.9	76,900 *	54.3	213.5	73,700							110
115				4.3	154.5	51,900 *	24.4	183.9	58,500 *	39.4	201.2	70,600 *	50.2	209.5	69,700							115
120							14.4	169.0	54,500 *	33.9	194.2	65,200 *	45.9	204.9	66,100							120
130										19.2	173.5	56,200 *	36.0	193.0	59,800	47.1	201.4	56,900				130
140													22.6	174.6	54,400	37.5	190.1	51,800	48.0	196.5	49,200	140
150																24.9	173.1	47,400	38.5	185.6	45,000	150
160																			26.4	169.3	41,400	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	138,800 *b																60
65	59.3	235.4	99,400 *	67.3	240.8	131,800 *																65
70	55.9	232.2	89,500 *	64.1	238.4	118,200 *																70
75	52.3	228.4	81,300 *	60.8	235.7	104,800 *	65.6	238.4	123,900 *													75
80	48.5	224.2	74,300 *	57.5	232.7	94,000 *	62.4	235.9	110,800 *													80
85	44.5	219.3	68,300 *	54.0	229.2	85,000 *	59.1	233.0	98,900 *													85
90	40.2	213.7	63,100 *	50.3	225.2	77,500 *	55.7	229.7	89,100 *													90
95	35.5	207.1	58,500 *	46.4	220.6	71,100 *	52.1	225.9	80,900 *	60.5	231.4	92,100										95
100	30.1	199.1	54,500 *	42.3	215.4	65,500 *	48.3	221.7	74,000 *	57.1	228.3	86,400										100
105	23.5	188.9	50,900 *	37.8	209.3	60,600 *	44.3	216.8	68,000 *	53.6	224.8	81,400										105
110	14.3	173.6	47,600 *	32.7	202.0	56,400 *	40.0	211.1	62,900 *	49.9	220.7	76,800 *										110
115				26.8	193.0	52,600 *	35.2	204.4	58,300 *	46.0	216.1	70,500 *	54.9	222.3	69,100							115
120				19.2	180.8	49,200 *	29.7	196.3	54,300 *	41.8	210.8	65,000 *	51.3	218.4	65,500							120
130							13.6	170.2	47,500 *	32.1	197.1	56,000 *	43.4	208.9	59,300	52.3	214.7	56,200				130
140										18.2	175.1	48,900 *	34.0	196.1	53,900	44.5	205.6	51,200				140
150													21.4	176.5	49,300	35.5	193.4	46,800	45.3	200.7	44,400	150
160																23.6	175.2	43,000	36.4	188.9	40,800	160
170																			24.9	171.5	37,600	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	126,900 *																65
70	59.3	244.1	91,500 *	66.6	249.5	120,800 *																70
75	56.2	240.9	83,100 *	63.7	247.1	107,200 *	68.0	249.3	121,000 *													75
80	53.0	237.2	75,900 *	60.8	244.4	96,100 *	65.1	247.1	113,300 *													80
85	49.7	233.1	69,800 *	57.7	241.3	86,900 *	62.2	244.5	101,100 *													85
90	46.1	228.5	64,400 *	54.6	237.9	79,200 *	59.2	241.7	91,000 *													90
95	42.3	223.2	59,800 *	51.3	234.0	72,600 *	56.1	238.4	82,700 *													95
100	38.2	217.2	55,700 *	47.8	229.7	66,900 *	52.8	234.7	75,600 *	60.4	240.1	85,900										100
105	33.7	210.1	52,000 *	44.1	224.7	61,900 *	49.5	230.6	69,500 *	57.4	237.0	80,800										105
110	28.6	201.6	48,700 *	40.2	219.1	57,600 *	45.9	225.9	64,200 *	54.2	233.5	76,300										110
115	22.4	190.8	45,700 *	35.9	212.5	53,700 *	42.1	220.6	59,600 *	50.9	229.6	72,000 *										115
120	13.6	174.8	42,000 *	31.1	204.8	50,200 *	38.0	214.6	55,500 *	47.4	225.2	66,400 *	55.4	231.0	65,000							120
130				18.3	182.3	44,300 *	28.3	198.8	48,600 *	39.8	214.4	57,200 *	48.7	223.0	58,800							130
140							13.0	171.3	42,900 *	30.5	199.8	49,900 *	41.2	212.7	53,500	49.7	219.4	50,700				140
150										17.3	176.6	44,000 *	32.4	199.0	48,900	42.3	209.5	46,300				150
160													20.3	178.2	44,900	33.8	196.4	42,600	43.1	204.7	40,200	160
170																22.4	177.1	39,200	34.7	192.0	37,100	170
180																			23.7	173.6	34,200 *	180



Liftcrane Luffing Jib Capacities

New York City Code

Luffing Jib No. 133 or No. 133A On

Boom No. 44 With Heavy Lift Top

249,200 Lb. Crane Counterweight

120,000 Lb. Carbody Counterweight

360 Degree Rating

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

2250 SERIES 3

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	117,300 *																70
75	59.4	252.7	82,700 *	66.1	258.2	106,900 *																75
80	56.6	249.5	75,500 *	63.4	255.8	95,800 *	67.3	258.1	106,800													80
85	53.6	246.0	69,400 *	60.7	253.1	86,600 *	64.7	255.8	98,800													85
90	50.6	242.0	64,000 *	57.9	250.0	78,800 *	62.0	253.2	90,700 *													90
95	47.4	237.6	59,400 *	55.0	246.6	72,200 *	59.2	250.3	82,300 *													95
100	44.0	232.6	55,200 *	52.0	242.8	66,500 *	56.4	247.1	75,200 *													100
105	40.4	226.9	51,600 *	48.9	238.6	61,500 *	53.5	243.5	69,100 *	60.4	248.8	69,600										105
110	36.5	220.5	48,300 *	45.6	233.9	57,200 *	50.4	239.5	63,800 *	57.6	245.7	65,400										110
115	32.2	213.0	45,300 *	42.1	228.6	53,300 *	47.2	235.0	59,200 *	54.7	242.3	61,600										115
120	27.3	204.1	42,600 *	38.4	222.6	49,800 *	43.8	230.0	55,100 *	51.7	238.4	58,200										120
130	13.0	175.9	37,000 *	29.7	207.4	43,900 *	36.3	217.8	48,100 *	45.3	229.4	52,200	52.8	236.0	48,000							130
140				17.5	183.9	38,900 *	27.0	201.2	42,500 *	38.0	217.9	47,100	46.5	227.3	43,300							140
150							12.4	172.3	37,800 *	29.2	202.5	42,800	39.4	216.3	39,200	47.4	223.8	35,700				150
160										16.6	178.0	38,700 *	30.9	201.8	35,600	40.4	213.2	32,400	48.0	218.9	29,300	160
170													19.4	179.9	32,500	32.3	199.3	29,500	41.1	208.5	26,600	170
180																21.4	179.0	26,900	33.1	195.0	24,200	180
190																			22.7	175.6	22,000	190



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	113,600 *																70
75	62.0	264.3	83,200 *	68.0	269.1	107,800 *																75
80	59.4	261.4	75,900 *	65.6	266.9	96,500 *																80
85	56.8	258.2	69,700 *	63.2	264.4	87,100 *	66.8	266.8	98,400													85
90	54.1	254.7	64,300 *	60.7	261.7	79,300 *	64.3	264.5	91,300													90
95	51.3	250.8	59,600 *	58.1	258.7	72,600 *	61.8	261.9	82,800 *													95
100	48.4	246.5	55,400 *	55.4	255.3	66,800 *	59.3	259.0	75,600 *													100
105	45.4	241.8	51,700 *	52.7	251.6	61,800 *	56.7	255.8	69,400 *	62.9	260.2	69,200										105
110	42.2	236.5	48,300 *	49.8	247.5	57,300 *	54.0	252.3	64,100 *	60.4	257.4	65,000										110
115	38.7	230.5	45,300 *	46.9	243.0	53,400 *	51.2	248.3	59,400 *	57.8	254.4	61,300										115
120	35.0	223.7	42,600 *	43.7	238.0	49,900 *	48.3	244.0	55,200 *	55.1	251.0	57,900										120
130	26.2	206.4	37,900 *	36.8	225.9	43,900 *	42.0	233.9	48,200 *	49.5	243.1	51,900	56.1	248.4	47,600							130
140	12.5	177.0	33,000 *	28.5	210.0	39,000 *	34.8	221.0	42,500 *	43.4	233.4	46,900	50.6	240.8	42,900							140
150				16.8	185.3	34,800 *	25.9	203.5	37,800 *	36.4	221.2	42,500	44.5	231.5	38,900	51.4	237.1	35,400				150
160							11.9	173.3	33,800 *	28.0	204.9	38,700 *	37.7	219.8	35,400	45.4	228.0	32,100				160
170										15.9	179.4	34,600 *	29.7	204.4	32,300	38.8	216.8	29,200	46.0	223.2	26,300	170
180													18.6	181.5	29,500	30.9	202.1	26,700	39.4	212.1	23,900	180
190																20.6	180.8	24,300	31.8	197.8	21,800	190
200																			21.8	177.5	19,800	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	103,500 *																75
80	61.8	272.9	75,500 *	67.5	277.8	96,100 *																80
85	59.5	270.1	69,300 *	65.2	275.6	86,700 *																85
90	57.1	266.9	63,800 *	62.9	273.1	78,900 *	66.3	275.5	90,600													90
95	54.6	263.5	59,100 *	60.6	270.4	72,100 *	64.0	273.2	82,400 *													95
100	52.0	259.7	54,900 *	58.2	267.4	66,300 *	61.7	270.5	75,200 *													100
105	49.3	255.5	51,200 *	55.8	264.0	61,300 *	59.3	267.6	69,000 *													105
110	46.6	250.9	47,900 *	53.2	260.4	56,900 *	56.9	264.5	63,600 *	62.7	268.9	64,300										110
115	43.6	245.8	44,900 *	50.6	256.4	52,900 *	54.4	261.0	58,900 *	60.3	266.1	60,500										115
120	40.6	240.2	42,100 *	47.9	252.0	49,400 *	51.9	257.2	54,700 *	57.9	263.0	57,100										120
130	33.7	226.7	37,400 *	42.0	241.8	43,400 *	46.4	248.4	47,700 *	52.9	256.0	51,200										130
140	25.2	208.6	33,400 *	35.4	229.1	38,500 *	40.4	237.6	42,000 *	47.6	247.5	46,200	53.9	253.5	42,200							140
150	12.0	178.0	29,300 *	27.4	212.4	34,300 *	33.5	224.0	37,300 *	41.7	237.2	41,900	48.6	245.3	38,200							150
160				16.1	186.7	30,800 *	24.9	205.7	33,400 *	35.0	224.3	38,100	42.8	235.4	34,700	49.4	241.7	31,300				160
170							11.4	174.3	29,900 *	26.9	207.3	34,200 *	36.3	223.1	31,600	43.7	232.1	28,500				170
180										15.3	180.7	30,600 *	28.5	207.0	28,900	37.3	220.1	25,900	44.2	227.3	23,100	180
190													17.9	183.1	26,400	29.8	204.7	23,700	37.9	215.6	21,000	190
200																19.8	182.5	21,600	30.6	200.6	19,100	200
210																			20.9	179.3	17,400	210



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	96,100 *																80
85	61.7	281.6	69,900 *	67.0	286.6	87,600 *																85
90	59.5	278.7	64,400 *	64.9	284.3	79,600 *	68.0	286.4	90,000													90
95	57.3	275.6	59,600 *	62.7	281.8	72,800 *	65.9	284.2	83,200 *													95
100	54.9	272.2	55,400 *	60.6	279.0	66,900 *	63.8	281.8	75,900 *													100
105	52.6	268.4	51,600 *	58.3	276.0	61,800 *	61.6	279.2	69,600 *													105
110	50.1	264.4	48,200 *	56.1	272.7	57,300 *	59.4	276.3	64,200 *													110
115	47.5	259.9	45,200 *	53.7	269.2	53,300 *	57.1	273.2	59,400 *	62.5	277.5	59,800										115
120	44.9	255.0	42,400 *	51.3	265.3	49,800 *	54.8	269.7	55,200 *	60.3	274.7	56,500										120
130	39.1	243.7	37,600 *	46.2	256.3	43,700 *	50.0	261.9	48,100 *	55.8	268.4	50,500										130
140	32.5	229.6	33,600 *	40.5	245.5	38,700 *	44.7	252.5	42,300 *	51.0	260.8	45,500	56.6	265.8	41,500							140
150	24.3	210.8	30,200 *	34.2	232.2	34,500 *	38.9	241.1	37,500 *	45.9	251.8	41,200	51.9	258.4	37,500							150
160	11.6	179.0	25,100 *	26.5	214.8	31,000 *	32.3	226.9	33,500 *	40.2	240.9	37,500	46.8	249.7	34,000	52.6	254.7	30,600				160
170				15.6	188.1	27,900 *	24.1	207.9	30,100 *	33.8	227.4	34,200	41.3	239.2	31,000	47.6	246.2	27,800				170
180							11.0	175.2	27,000 *	26.0	209.6	30,800 *	35.0	226.2	28,300	42.1	236.0	25,300				180
190										14.7	182.0	27,700 *	27.5	209.4	25,800	36.0	223.4	23,000	42.6	231.2	20,300	190
200													17.3	184.6	23,600	28.7	207.3	21,000	36.6	218.9	18,500	200
210																19.1	184.2	19,200	29.5	203.2	16,800	210
220																			20.2	181.1	15,200	220



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

140 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.2	304.5	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	89,700 *																80
85	63.6	292.9	70,100 *	68.5	297.4	87,500 *																85
90	61.6	290.3	64,500 *	66.6	295.3	80,000 *																90
95	59.5	287.4	59,600 *	64.6	293.0	73,100 *	67.5	295.2	83,100													95
100	57.4	284.3	55,300 *	62.6	290.5	67,100 *	65.5	292.9	76,200 *													100
105	55.3	280.9	51,500 *	60.5	287.7	61,900 *	63.5	290.5	69,800 *													105
110	53.1	277.2	48,000 *	58.4	284.7	57,300 *	61.5	287.9	64,300 *													110
115	50.8	273.2	45,000 *	56.3	281.4	53,300 *	59.4	285.0	59,400 *													115
120	48.4	268.9	42,200 *	54.1	277.9	49,600 *	57.3	281.8	55,100 *	62.4	286.2	55,700										120
130	43.4	259.0	37,300 *	49.5	269.9	43,500 *	52.9	274.7	47,900 *	58.2	280.4	49,800										130
140	37.8	247.2	33,300 *	44.6	260.4	38,400 *	48.3	266.4	42,100 *	53.9	273.5	44,800										140
150	31.4	232.4	29,800 *	39.2	249.1	34,200 *	43.2	256.5	37,200 *	49.3	265.5	40,500	54.7	271.0	36,700							150
160	23.5	212.8	26,800 *	33.0	235.2	30,600 *	37.6	244.6	33,200 *	44.3	255.9	36,800	50.1	263.2	33,300							160
170	11.2	179.9	22,300 *	25.6	217.0	27,500 *	31.2	229.7	29,700 *	38.9	244.4	33,600	45.2	253.9	30,200	50.8	259.5	27,000				170
180				15.1	189.4	24,800 *	23.3	209.9	26,800 *	32.7	230.3	30,400 *	39.9	242.8	27,600	45.9	250.5	24,500				180
190							10.6	176.1	24,000 *	25.1	211.9	27,400 *	33.9	229.3	25,200	40.7	239.7	22,300	46.4	245.6	19,500	190
200										14.2	183.2	24,700 *	26.6	211.8	23,000	34.8	226.5	20,300	41.2	235.0	17,700	200
210													16.7	186.1	21,000	27.8	209.8	18,500	35.4	222.1	16,000	210
220																18.5	185.8	16,800	28.5	205.8	14,500	220
230																			19.5	182.8	13,100	230



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

140 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.3	313.4	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	80,900 *																85
90	63.4	301.6	64,200 *	68.0	306.2	78,200 *																90
95	61.5	298.9	59,300 *	66.2	304.0	72,800 *																95
100	59.6	296.1	55,000 *	64.3	301.7	66,800 *	67.0	303.9	76,000 *													100
105	57.6	293.0	51,200 *	62.4	299.1	61,600 *	65.2	301.6	69,500 *													105
110	55.6	289.6	47,700 *	60.5	296.4	57,000 *	63.3	299.2	64,000 *													110
115	53.5	286.0	44,700 *	58.5	293.4	53,000 *	61.4	296.5	59,100 *													115
120	51.3	282.1	41,900 *	56.5	290.1	49,300 *	59.5	293.6	54,800 *													120
130	46.9	273.3	37,000 *	52.4	282.9	43,200 *	55.4	287.1	47,600 *	60.3	292.1	49,400										130
140	42.0	262.9	33,000 *	47.9	274.4	38,100 *	51.2	279.6	41,800 *	56.3	285.8	44,400										140
150	36.6	250.5	29,500 *	43.2	264.4	33,900 *	46.7	270.7	36,900 *	52.1	278.5	40,200	57.0	283.1	36,300							150
160	30.5	235.2	26,500 *	38.0	252.6	30,300 *	41.9	260.3	32,900 *	47.7	269.9	36,400	52.9	276.0	32,900							160
170	22.8	214.8	23,900 *	32.0	238.0	27,200 *	36.5	247.9	29,400 *	42.9	259.9	33,200	48.5	267.7	29,900							170
180	10.9	180.9	19,800 *	24.8	219.2	24,500 *	30.3	232.4	26,400 *	37.6	247.9	30,100 *	43.8	257.9	27,200	49.1	264.1	24,100				180
190				14.6	190.6	22,100 *	22.6	211.9	23,800 *	31.6	233.2	27,100 *	38.6	246.4	24,800	44.5	254.6	21,900				190
200							10.3	177.0	21,400 *	24.4	214.0	24,400 *	32.8	232.2	22,700	39.4	243.3	20,000	45.0	249.7	17,300	200
210										13.8	184.4	22,000 *	25.8	214.1	20,700	33.7	229.6	18,200	39.9	238.6	15,700	210
220													16.2	187.5	18,900	26.9	212.2	16,500	34.3	225.2	14,200	220
230																17.9	187.4	15,000	27.6	208.2	12,800	230
240																			18.9	184.5	11,500	240



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

140 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.2	323.8	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	75,400 *																85
90	65.0	312.7	63,700 *	69.3	317.0	72,700 *																90
95	63.2	310.3	58,800 *	67.6	314.9	70,000 *																95
100	61.4	307.6	54,500 *	65.8	312.7	66,300 *																100
105	59.6	304.7	50,600 *	64.1	310.4	61,100 *	66.7	312.6	68,000 *													105
110	57.7	301.6	47,200 *	62.3	307.8	56,500 *	64.9	310.3	63,400 *													110
115	55.8	298.3	44,100 *	60.5	305.0	52,400 *	63.1	307.9	58,600 *													115
120	53.9	294.7	41,300 *	58.6	302.0	48,800 *	61.3	305.2	54,300 *													120
130	49.8	286.7	36,500 *	54.8	295.4	42,600 *	57.6	299.2	47,100 *	62.1	303.5	48,700										130
140	45.4	277.5	32,400 *	50.8	287.6	37,600 *	53.7	292.3	41,200 *	58.4	297.7	43,700										140
150	40.8	266.6	28,900 *	46.5	278.7	33,300 *	49.7	284.2	36,400 *	54.6	291.0	39,500										150
160	35.5	253.7	26,000 *	41.9	268.3	29,700 *	45.3	274.9	32,300 *	50.5	283.2	35,800	55.3	288.4	32,100							160
170	29.6	237.8	23,400 *	36.8	255.9	26,600 *	40.6	264.0	28,900 *	46.3	274.2	32,500	51.3	280.9	29,100							170
180	22.1	216.8	21,100 *	31.1	240.8	24,000 *	35.4	251.1	25,900 *	41.6	263.7	29,600 *	47.0	272.1	26,500	51.9	277.1	23,400				180
190	10.5	181.8	17,400 *	24.1	221.3	21,600 *	29.4	235.0	23,300 *	36.5	251.2	26,500 *	42.5	261.9	24,100	47.7	268.6	21,200				190
200				14.2	191.8	19,500 *	21.9	213.8	21,000 *	30.7	235.9	23,800 *	37.5	249.8	22,000	43.2	258.6	19,200				200
210							10.0	177.9	18,900 *	23.7	216.1	21,500 *	31.8	235.1	20,100	38.2	246.8	17,500	43.6	253.7	14,900	210
220										13.4	185.5	19,400 *	25.1	216.3	18,300	32.7	232.5	15,800	38.7	242.1	13,400	220
230													15.7	188.8	16,700	26.1	214.5	14,400	33.3	228.2	12,100	230
240																17.4	188.9	13,000	26.8	210.6	10,800	240
250																			18.4	186.1	9,700	250



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

140 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	76.0	334.2	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	67,800 *																90
95	64.8	321.4	58,300 *	68.8	325.7	65,300 *																95
100	63.1	318.9	54,000 *	67.2	323.7	62,800 *																100
105	61.4	316.3	50,100 *	65.5	321.4	60,200 *	68.0	323.5	63,300 *													105
110	59.6	313.4	46,700 *	63.9	319.0	56,000 *	66.3	321.3	60,900 *													110
115	57.8	310.3	43,600 *	62.2	316.5	51,900 *	64.7	319.0	58,100 *													115
120	56.0	307.0	40,800 *	60.4	313.7	48,300 *	63.0	316.5	53,800 *													120
130	52.3	299.7	36,000 *	56.9	307.5	42,100 *	59.5	311.0	46,600 *													130
140	48.4	291.3	31,900 *	53.2	300.4	37,100 *	55.9	304.5	40,700 *	60.3	309.4	43,100										140
150	44.2	281.6	28,400 *	49.3	292.3	32,800 *	52.2	297.2	35,900 *	56.7	303.2	38,800										150
160	39.6	270.3	25,500 *	45.2	282.9	29,200 *	48.2	288.7	31,800 *	53.0	296.0	35,200	57.3	300.5	31,500							160
170	34.6	256.8	22,900 *	40.7	272.0	26,100 *	44.0	279.0	28,400 *	49.1	287.8	31,900	53.7	293.5	28,500							170
180	28.7	240.4	20,600 *	35.8	259.1	23,500 *	39.5	267.7	25,400 *	44.9	278.4	29,100 *	49.8	285.5	25,900							180
190	21.5	218.7	18,500 *	30.2	243.5	21,100 *	34.4	254.2	22,800 *	40.5	267.4	26,000 *	45.7	276.3	23,500	50.4	281.9	20,500				190
200	10.2	182.6	15,200 *	23.4	223.4	19,000 *	28.6	237.6	20,500 *	35.5	254.4	23,300 *	41.3	265.6	21,400	46.3	272.9	18,600				200
210				13.8	193.0	17,100 *	21.3	215.7	18,500 *	29.9	238.6	21,000 *	36.5	253.1	19,500	41.9	262.4	16,800	46.7	267.9	14,300	210
220							9.7	178.7	16,600 *	23.0	218.1	18,900 *	31.0	237.9	17,800	37.2	250.1	15,200	42.4	257.6	12,800	220
230										13.0	186.7	17,000 *	24.4	218.5	16,200	31.8	235.4	13,800	37.7	245.6	11,500	230
240													15.3	190.2	14,700	25.4	216.7	12,400	32.3	231.1	10,200	240
250																16.9	190.3	11,200	26.1	212.9	9,100	250
260																			17.9	187.6	8,000	260



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

140 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.2	343.2	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	60,400 *																95
100	64.5	330.1	51,300 *	68.4	334.5	58,000 *																100
105	62.9	327.6	48,800 *	66.8	332.4	55,500 *																105
110	61.3	324.9	46,100 *	65.3	330.1	52,900 *	67.6	332.2	56,000 *													110
115	59.6	322.0	43,100 *	63.7	327.7	50,400 *	66.0	330.1	53,700 *													115
120	58.0	319.0	40,300 *	62.1	325.1	47,700 *	64.4	327.7	51,400 *													120
130	54.5	312.2	35,400 *	58.8	319.4	41,600 *	61.2	322.5	46,000 *													130
140	50.9	304.5	31,400 *	55.3	312.8	36,500 *	57.9	316.5	40,200 *	61.9	320.9	42,400										140
150	47.1	295.6	27,900 *	51.7	305.3	32,300 *	54.4	309.7	35,300 *	58.6	315.0	38,100										150
160	43.0	285.5	24,900 *	48.0	296.7	28,700 *	50.8	302.0	31,300 *	55.1	308.4	34,500										160
170	38.6	273.8	22,300 *	44.0	287.0	25,600 *	46.9	293.1	27,800 *	51.5	300.9	31,300	55.8	305.8	27,700							170
180	33.7	259.9	20,000 *	39.6	275.6	22,900 *	42.9	283.0	24,900 *	47.8	292.3	28,400	52.2	298.5	25,100							180
190	28.0	242.9	18,000 *	34.9	262.3	20,500 *	38.4	271.1	22,300 *	43.7	282.4	25,500 *	48.5	290.1	22,800	52.7	294.7	19,800				190
200	21.0	220.5	16,200 *	29.4	246.2	18,500 *	33.5	257.2	20,000 *	39.4	271.0	22,800 *	44.5	280.4	20,700	49.0	286.5	17,800				200
210	10.0	183.5	13,100 *	22.8	225.4	16,600 *	27.8	240.1	18,000 *	34.6	257.5	20,400 *	40.2	269.3	18,800	45.1	277.0	16,100				210
220				13.4	194.2	14,900 *	20.7	217.5	16,100 *	29.1	241.2	18,400 *	35.5	256.3	17,100	40.8	266.2	14,500	45.5	272.2	12,000	220
230							9.5	179.5	14,500 *	22.4	220.1	16,500 *	30.1	240.5	15,500	36.2	253.4	13,100	41.2	261.4	10,700	230
240										12.7	187.8	14,800 *	23.7	220.6	14,100	31.0	238.1	11,800	36.7	248.9	9,500	240
250													14.9	191.4	12,700	24.7	218.9	10,500	31.5	233.9	8,400	250
260																16.5	191.8	9,400	25.4	215.2	7,300	260
270																			17.4	189.2	6,300	270



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	143,100 * ^b																55
60	49.0	212.1	111,300 *	62.4	220.4	134,600 * ^b																60
65	43.3	207.2	99,400 *	57.6	217.4	126,900 * ^b	65.0	220.6	137,200 * ^b													65
70	36.8	201.0	89,600 *	52.5	213.7	119,900 * ^b	60.4	217.9	129,500 * ^b													70
75	29.0	192.9	81,400 *	47.1	209.3	106,800 *	55.5	214.6	122,500 * ^b													75
80	18.3	180.9	74,400 *	41.1	204.0	95,700 *	50.3	210.7	114,400 *													80
85				34.2	197.2	86,600 *	44.6	205.9	101,900 *	58.4	213.6	106,200 ^b										85
90				25.7	188.2	78,800 *	38.3	200.1	91,600 *	53.4	210.1	99,000 ^b										90
95				12.5	172.8	72,200 *	30.9	192.5	83,100 *	48.0	205.9	92,600										95
100							21.2	181.8	75,900 *	42.1	200.7	86,900	56.0	208.0	82,700 ^b							100
105										35.4	194.2	81,900	50.9	204.1	77,900							105
110										27.3	185.7	77,200	45.3	199.4	73,500							110
115										15.5	172.2	73,000	39.1	193.7	69,600							115
120													31.8	186.4	66,000							120
130																47.8	196.4	62,700				130
140																35.2	184.7	56,700				140
150																15.0	162.3	51,500	37.6	180.9	48,900	150
																20.0	161.9	44,700				



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	139,300 *b																55
60	55.1	225.0	111,900 *	66.1	231.6	131,300 *b																60
65	50.5	221.0	99,800 *	62.1	229.0	124,000 *b																65
70	45.6	216.4	89,900 *	57.9	226.0	117,300 *b	64.4	229.3	126,500 *b													70
75	40.3	210.9	81,700 *	53.5	222.5	107,400 *	60.3	226.6	119,800 *b													75
80	34.3	204.1	74,700 *	48.8	218.3	96,200 *	56.1	223.4	113,700 *													80
85	27.0	195.3	68,700 *	43.8	213.4	86,900 *	51.6	219.6	102,400 *	62.7	225.2	105,600 b										85
90	17.1	182.4	63,500 *	38.3	207.5	79,100 *	46.8	215.1	92,000 *	58.6	222.3	98,400 b										90
95				31.9	200.1	72,500 *	41.5	209.8	83,500 *	54.2	218.9	92,000										95
100				24.0	190.3	66,800 *	35.7	203.3	76,200 *	49.6	214.8	86,400										100
105				11.6	173.8	61,800 *	28.8	195.1	70,000 *	44.7	210.0	81,400	56.5	216.7	77,200							105
110							19.7	183.5	64,600 *	39.2	204.3	76,800	52.1	212.9	72,900							110
115										33.0	197.2	72,700	47.3	208.6	69,000							115
120										25.4	187.9	67,800 *	42.2	203.3	65,400							120
130													29.6	189.1	59,200	44.5	200.6	56,100				130
140																32.8	187.7	51,000	46.3	196.1	48,300	140
150																14.0	163.5	46,600	35.1	184.1	44,200	150
160																			18.6	163.5	40,500	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	128,100 * b																60
65	55.6	233.7	100,100 *	65.4	240.3	121,200 * b																65
70	51.7	229.9	90,200 *	61.8	237.7	114,900 *	67.4	240.3	123,500 * b													70
75	47.4	225.5	81,900 *	58.1	234.7	107,800 *	63.9	238.0	117,200 * b													75
80	42.9	220.4	74,900 *	54.3	231.3	96,500 *	60.3	235.2	111,400 *													80
85	37.9	214.3	68,800 *	50.2	227.3	87,100 *	56.5	232.0	102,700 *													85
90	32.2	207.0	63,600 *	45.8	222.6	79,300 *	52.6	228.4	92,300 *	62.4	233.9	97,900										90
95	25.4	197.6	59,000 *	41.1	217.2	72,700 *	48.4	224.1	83,700 *	58.7	231.0	91,600										95
100	16.0	183.7	54,900 *	35.9	210.7	66,900 *	43.9	219.2	76,400 *	54.9	227.6	86,000										100
105				30.0	202.8	61,900 *	39.0	213.4	70,200 *	50.9	223.7	80,900										105
110				22.5	192.3	57,500 *	33.5	206.3	64,700 *	46.6	219.2	76,400	56.9	225.3	72,400							110
115				10.9	174.7	53,600 *	27.0	197.5	60,000 *	41.9	213.9	72,300	53.0	221.7	68,500							115
120							18.5	185.1	55,800 *	36.8	207.6	67,900 *	48.9	217.6	65,000							120
130										23.9	190.0	58,300 *	39.6	207.0	58,800	50.7	214.3	55,600				130
140													27.9	191.5	53,500	41.8	204.5	50,600				140
150																30.8	190.4	46,300	43.5	200.2	43,700	150
160																13.1	164.6	42,500	33.0	187.1	40,200	160
170																			17.5	165.0	37,000	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	118,100 *b																65
70	56.1	242.4	90,100 *	64.9	249.0	112,100 *																70
75	52.5	238.7	81,800 *	61.7	246.4	106,600 *	66.7	249.0	114,300 *													75
80	48.8	234.5	74,700 *	58.3	243.4	96,400 *	63.5	246.6	108,800 *													80
85	44.8	229.7	68,700 *	54.9	240.0	87,100 *	60.2	243.9	102,700 *													85
90	40.5	224.1	63,400 *	51.2	236.1	79,200 *	56.9	240.7	92,300 *													90
95	35.8	217.6	58,800 *	47.4	231.7	72,500 *	53.3	237.2	83,600 *	62.2	242.6	91,000										95
100	30.5	209.7	54,700 *	43.3	226.6	66,800 *	49.6	233.1	76,300 *	58.9	239.7	85,400										100
105	24.0	199.7	51,100 *	38.9	220.8	61,800 *	45.7	228.4	70,000 *	55.4	236.3	80,400										105
110	15.2	185.0	47,800 *	34.0	213.8	57,400 *	41.5	223.0	64,600 *	51.8	232.5	75,800										110
115				28.3	205.3	53,400 *	36.9	216.7	59,800 *	48.1	228.2	71,800	57.3	234.0	67,900							115
120				21.3	194.1	49,900 *	31.7	209.2	55,700 *	44.0	223.3	67,700 *	53.7	230.5	64,400							120
130							17.5	186.6	48,600 *	34.8	210.8	58,100 *	46.2	221.9	58,200							130
140										22.6	192.0	50,500 *	37.4	210.4	53,000	47.9	218.8	50,000				140
150													26.4	193.9	48,400	39.5	208.1	45,700				150
160																29.2	193.0	42,000	41.1	203.9	39,500	160
170																12.4	165.6	38,600	31.2	189.9	36,400	170
180																			16.6	166.5	33,500 *	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	115,000 *b																65
70	59.6	254.3	92,900 *	67.3	259.9	109,500 *																70
75	56.5	251.1	84,200 *	64.4	257.6	104,300 *																75
80	53.2	247.5	76,900 *	61.5	255.0	99,400 *	66.1	257.8	106,400 *													80
85	49.9	243.4	70,600 *	58.5	252.0	89,700 *	63.2	255.3	98,400													85
90	46.4	238.8	65,200 *	55.3	248.7	81,500 *	60.2	252.5	91,400													90
95	42.6	233.6	60,400 *	52.1	244.9	74,600 *	57.2	249.4	85,200													95
100	38.5	227.6	56,200 *	48.7	240.7	68,600 *	54.0	245.9	78,500 *	62.0	251.2	73,500										100
105	34.1	220.7	52,500 *	45.1	235.9	63,400 *	50.6	241.9	72,000 *	59.0	248.3	69,000										105
110	29.0	212.3	49,100 *	41.2	230.4	58,900 *	47.2	237.5	66,300 *	55.9	245.0	64,900										110
115	22.9	201.7	46,100 *	37.0	224.1	54,900 *	43.4	232.4	61,400 *	52.6	241.3	61,100										115
120	14.4	186.3	41,900 *	32.3	216.7	51,300 *	39.5	226.6	57,100 *	49.2	237.2	57,800	57.5	242.7	52,800							120
130				20.3	195.9	45,100 *	30.2	211.9	49,900 *	41.8	227.1	51,800	51.0	235.3	47,300							130
140							16.7	188.0	44,000 *	33.1	213.8	46,800	43.9	225.9	42,700	52.5	231.9	38,600				140
150										21.5	193.9	42,400	35.6	213.6	38,700	45.6	223.1	35,000				150
160													25.1	196.1	35,200	37.6	211.5	31,700	46.8	218.5	28,400	160
170																27.8	195.5	28,900	39.1	207.5	25,800	170
180																11.8	166.6	26,200	29.7	192.5	23,500	180
190																			15.8	167.8	21,300	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	106,500 *																70
75	59.6	263.0	83,800 *	66.7	268.7	101,700 *																75
80	56.8	259.8	76,500 *	64.1	266.3	97,100 *																80
85	53.8	256.2	70,200 *	61.4	263.7	89,300 *	65.6	266.5	97,600													85
90	50.8	252.3	64,800 *	58.6	260.7	81,200 *	62.9	264.0	90,700													90
95	47.6	247.9	60,000 *	55.7	257.4	74,200 *	60.2	261.2	84,500													95
100	44.3	242.9	55,800 *	52.8	253.7	68,200 *	57.4	258.1	78,100 *													100
105	40.7	237.3	52,000 *	49.7	249.6	63,000 *	54.5	254.6	71,600 *	61.8	259.9	68,200										105
110	36.8	231.0	48,700 *	46.4	245.0	58,500 *	51.5	250.8	66,000 *	59.1	257.0	64,100										110
115	32.5	223.6	45,700 *	43.0	239.9	54,400 *	48.3	246.5	61,000 *	56.2	253.7	60,400										115
120	27.7	214.7	42,900 *	39.3	234.0	50,800 *	45.0	241.7	56,700 *	53.3	250.1	57,000										120
130	13.8	187.4	36,800 *	30.9	219.5	44,700 *	37.7	230.1	49,400 *	47.0	241.6	51,100	54.8	248.0	46,500							130
140				19.4	197.6	39,600 *	28.8	214.4	43,600 *	40.0	230.8	46,200	48.7	239.9	41,900							140
150							15.9	189.4	38,700 *	31.7	216.6	41,800	41.9	229.8	38,000	50.1	236.7	34,100				150
160										20.6	195.7	38,000	34.0	216.7	34,500	43.5	227.1	31,000				160
170													24.0	198.2	31,400	35.9	214.8	28,200	44.7	222.7	25,000	170
180																26.5	197.9	25,600	37.3	210.9	22,700	180
190																11.2	167.6	23,300	28.4	195.0	20,600	190
200																			15.0	169.1	18,700	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	102,100 *																70
75	62.2	274.5	83,800 *	68.6	279.5	97,800 *																75
80	59.6	271.6	76,400 *	66.2	277.4	93,600 *																80
85	57.0	268.5	70,100 *	63.8	275.0	89,300 *	67.6	277.4	95,300 *													85
90	54.3	265.0	64,600 *	61.3	272.3	81,100 *	65.2	275.2	90,300													90
95	51.5	261.1	59,900 *	58.7	269.4	74,100 *	62.7	272.6	84,100													95
100	48.7	256.9	55,600 *	56.1	266.1	68,100 *	60.2	269.9	78,000 *													100
105	45.6	252.1	51,900 *	53.4	262.5	62,900 *	57.6	266.8	71,500 *													105
110	42.4	246.8	48,500 *	50.5	258.5	58,300 *	54.9	263.4	65,800 *	61.7	268.5	63,700										110
115	39.0	240.9	45,500 *	47.6	254.1	54,300 *	52.2	259.6	60,900 *	59.1	265.6	60,000										115
120	35.3	234.2	42,800 *	44.5	249.2	50,700 *	49.3	255.4	56,600 *	56.5	262.4	56,700										120
130	26.6	217.1	38,000 *	37.7	237.5	44,600 *	43.1	245.7	49,300 *	51.0	254.9	50,800	57.9	260.1	46,200							130
140	13.2	188.6	32,700 *	29.6	222.1	39,500 *	36.1	233.3	43,400 *	45.0	245.8	45,800	52.5	253.0	41,600							140
150				18.6	199.2	35,300 *	27.7	216.9	38,600 *	38.3	234.3	41,600	46.7	244.3	37,600							150
160							15.3	190.7	34,400 *	30.4	219.3	37,900	40.2	233.5	34,200	48.0	241.2	30,600				160
170										19.7	197.4	34,500	32.6	219.6	31,200	41.7	230.9	27,800				170
180													23.0	200.2	28,500	34.4	217.9	25,400	42.8	226.6	22,400	180
190																25.4	200.1	23,200	35.8	214.1	20,300	190
200																10.8	168.5	21,100	27.2	197.5	18,500	200
210																			14.4	170.3	16,800	210



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	94,900 *																75
80	62.0	283.1	76,000 *	68.0	288.3	91,100 *																80
85	59.6	280.3	69,700 *	65.8	286.1	87,400 *																85
90	57.2	277.1	64,200 *	63.5	283.7	80,600 *	67.1	286.1	89,000 *													90
95	54.8	273.7	59,400 *	61.2	281.0	73,700 *	64.8	283.8	83,400													95
100	52.2	269.9	55,200 *	58.8	278.0	67,700 *	62.5	281.3	77,600 *													100
105	49.5	265.8	51,400 *	56.4	274.8	62,500 *	60.2	278.5	71,000 *													105
110	46.8	261.2	48,100 *	53.9	271.2	57,900 *	57.8	275.5	65,400 *													110
115	43.9	256.2	45,000 *	51.3	267.3	53,800 *	55.3	272.1	60,500 *	61.6	277.2	59,300										115
120	40.8	250.6	42,300 *	48.6	263.1	50,200 *	52.8	268.4	56,100 *	59.2	274.3	55,900										120
130	34.0	237.2	37,600 *	42.8	253.1	44,100 *	47.4	259.9	48,800 *	54.3	267.6	50,100										130
140	25.6	219.4	33,500 *	36.3	240.8	39,000 *	41.5	249.5	42,900 *	49.0	259.5	45,100	55.6	265.4	40,800							140
150	12.7	189.7	29,000 *	28.5	224.7	34,800 *	34.8	236.5	38,100 *	43.3	249.8	40,900	50.4	257.7	36,900							150
160				17.9	200.8	31,200 *	26.6	219.3	34,000 *	36.8	237.6	37,200	44.8	248.4	33,500	51.6	254.4	29,800				160
170							14.7	192.0	30,500 *	29.2	222.0	34,000	38.6	237.0	30,500	46.1	245.5	27,100				170
180										19.0	199.0	31,000	31.4	222.4	27,800	40.1	234.6	24,600	47.1	240.9	21,500	180
190													22.1	202.2	25,400	33.1	220.9	22,500	41.2	230.4	19,500	190
200																24.5	202.3	20,500	34.4	217.3	17,700	200
210																10.4	169.3	18,600	26.2	199.8	16,100	210
220																			13.9	171.5	14,600	220



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

150 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.3	304.2	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	88,500 *																80
85	61.9	291.8	70,300 *	67.5	297.0	85,200 *																85
90	59.7	288.9	64,800 *	65.4	294.8	81,400 *																90
95	57.4	285.8	59,900 *	63.3	292.3	74,400 *	66.6	294.9	82,800													95
100	55.1	282.4	55,600 *	61.1	289.7	68,300 *	64.5	292.5	77,300													100
105	52.7	278.7	51,800 *	58.9	286.7	63,000 *	62.4	290.0	71,700 *													105
110	50.3	274.7	48,400 *	56.6	283.5	58,400 *	60.2	287.2	66,000 *													110
115	47.7	270.2	45,400 *	54.3	280.0	54,300 *	57.9	284.1	61,000 *													115
120	45.1	265.4	42,600 *	51.9	276.2	50,600 *	55.6	280.8	56,600 *	61.5	285.9	55,200										120
130	39.3	254.2	37,800 *	46.8	267.4	44,400 *	50.8	273.2	49,200 *	57.0	279.8	49,400										130
140	32.8	240.2	33,700 *	41.3	256.9	39,300 *	45.7	264.1	43,200 *	52.3	272.6	44,500										140
150	24.7	221.5	30,300 *	35.0	243.9	35,000 *	40.0	253.1	38,300 *	47.2	264.0	40,300	53.5	270.5	36,200							150
160	12.3	190.7	24,900 *	27.5	227.1	31,400 *	33.5	239.5	34,200 *	41.7	253.6	36,600	48.6	262.3	32,800							160
170				17.3	202.3	28,200 *	25.7	221.5	30,700 *	35.5	240.9	33,400	43.2	252.4	29,800	49.7	259.0	26,400				170
180							14.2	193.2	27,600 *	28.2	224.5	30,500	37.3	240.4	27,200	44.5	249.6	23,900				180
190										18.3	200.6	27,900	30.3	225.2	24,800	38.7	238.1	21,800	45.4	245.1	18,800	190
200													21.4	204.0	22,700	32.0	223.7	19,900	39.7	234.0	17,100	200
210																23.6	204.3	18,100	33.2	220.2	15,500	210
220																10.0	170.2	16,400	25.2	202.0	14,000	220
230																			13.4	172.7	12,600	230



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

150 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.3	314.5	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	85,700 *																80
85	63.8	303.1	70,500 *	69.0	307.8	82,600 *																85
90	61.8	300.5	64,900 *	67.0	305.8	79,600 *																90
95	59.7	297.6	59,900 *	65.1	303.5	74,700 *																95
100	57.6	294.5	55,600 *	63.1	301.0	68,500 *	66.2	303.6	76,600													100
105	55.4	291.1	51,700 *	61.0	298.3	63,100 *	64.2	301.2	71,800													105
110	53.2	287.5	48,300 *	59.0	295.4	58,400 *	62.2	298.6	66,100 *													110
115	50.9	283.5	45,200 *	56.8	292.2	54,200 *	60.2	295.8	61,000 *													115
120	48.6	279.2	42,400 *	54.7	288.7	50,500 *	58.1	292.8	56,500 *													120
130	43.5	269.4	37,500 *	50.1	280.9	44,200 *	53.7	285.9	49,000 *	59.3	291.6	48,700										130
140	38.0	257.6	33,400 *	45.2	271.6	39,000 *	49.1	277.8	43,000 *	55.0	285.1	43,800										140
150	31.7	243.0	29,900 *	39.9	260.5	34,700 *	44.1	268.2	38,000 *	50.5	277.3	39,600	56.2	282.8	35,400							150
160	23.9	223.6	26,900 *	33.8	247.0	31,000 *	38.7	256.6	33,800 *	45.6	268.2	35,900	51.7	275.4	32,000							160
170	11.9	191.7	22,000 *	26.6	229.5	27,800 *	32.4	242.4	30,300 *	40.3	257.3	32,700	46.9	266.6	29,100	52.7	271.9	25,500				170
180				16.7	203.7	25,100 *	24.8	223.7	27,200 *	34.4	244.0	29,900	41.8	256.3	26,500	48.0	263.5	23,200				180
190							13.7	194.4	24,600 *	27.3	226.9	27,300	36.0	243.7	24,200	43.0	253.5	21,000				190
200										17.7	202.2	25,000	29.3	227.8	22,000	37.4	241.5	19,100	43.9	249.2	16,300	200
210													20.7	205.8	20,100	30.9	226.5	17,400	38.4	237.5	14,700	210
220																22.8	206.4	15,800	32.1	223.1	13,200	220
230																9.7	171.0	14,200	24.4	204.2	11,900	230
240																			12.9	173.8	10,600	240



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

150 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.4	323.5	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	78,600 *																85
90	63.6	311.8	64,600 *	68.5	316.6	75,900 *																90
95	61.7	309.1	59,600 *	66.6	314.5	73,400 *																95
100	59.7	306.3	55,300 *	64.8	312.2	68,200 *	67.7	314.5	74,400 *													100
105	57.7	303.2	51,400 *	62.9	309.7	62,800 *	65.8	312.3	71,400													105
110	55.7	299.8	48,000 *	61.0	307.0	58,100 *	64.0	309.9	65,800 *													110
115	53.6	296.2	44,900 *	59.0	304.0	53,900 *	62.1	307.3	60,700 *													115
120	51.5	292.3	42,000 *	57.0	300.9	50,200 *	60.1	304.5	56,200 *													120
130	47.0	283.6	37,200 *	52.9	293.7	43,900 *	56.2	298.2	48,700 *	61.3	303.2	48,200										130
140	42.2	273.3	33,100 *	48.5	285.4	38,700 *	52.0	290.8	42,700 *	57.3	297.2	43,400										140
150	36.8	261.0	29,600 *	43.8	275.7	34,300 *	47.5	282.2	37,700 *	53.2	290.1	39,200										150
160	30.7	245.8	26,600 *	38.6	264.1	30,700 *	42.7	272.1	33,500 *	48.9	281.9	35,500	54.3	288.0	31,600							160
170	23.1	225.7	24,000 *	32.8	249.9	27,500 *	37.4	260.1	30,000 *	44.2	272.3	32,300	50.0	280.1	28,700							170
180	11.5	192.7	19,500 *	25.8	231.8	24,800 *	31.4	245.2	26,900 *	39.1	260.9	29,500	45.5	270.9	26,100	51.0	276.8	22,800				180
190				16.2	205.1	22,400 *	24.1	225.9	24,300 *	33.3	247.0	27,000	40.5	260.0	23,800	46.5	267.9	20,600				190
200							13.3	195.5	21,900 *	26.4	229.2	24,700	34.9	246.8	21,700	41.6	257.4	18,700	47.3	263.3	15,900	200
210										17.2	203.7	22,600 *	28.4	230.3	19,800	36.2	244.8	17,000	42.5	253.1	14,300	210
220													20.0	207.6	18,100	29.9	229.2	15,500	37.2	240.9	12,900	220
230																22.1	208.3	14,000	31.1	225.9	11,600	230
240																9.4	171.8	12,600	23.7	206.2	10,400	240
250																			12.5	174.9	9,200	250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

150 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.3	333.9	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	72,200 *																90
95	63.4	320.4	59,100 *	68.0	325.4	69,700 *																95
100	61.6	317.8	54,700 *	66.3	323.2	67,100 *																100
105	59.7	314.9	50,900 *	64.5	320.9	62,300 *	67.3	323.2	67,800 *													105
110	57.9	311.8	47,400 *	62.7	318.4	57,500 *	65.5	321.0	65,300 *													110
115	56.0	308.5	44,300 *	60.9	315.6	53,400 *	63.8	318.6	60,200 *													115
120	54.0	305.0	41,500 *	59.1	312.7	49,600 *	62.0	316.0	55,700 *													120
130	49.9	297.0	36,600 *	55.3	306.1	43,300 *	58.3	310.1	48,200 *	63.0	314.5	47,500										130
140	45.6	287.8	32,500 *	51.3	298.6	38,100 *	54.4	303.4	42,100 *	59.4	309.0	42,600										140
150	40.9	277.0	29,100 *	47.0	289.8	33,800 *	50.4	295.6	37,200 *	55.6	302.5	38,500										150
160	35.7	264.2	26,000 *	42.5	279.6	30,100 *	46.1	286.5	33,000 *	51.6	295.0	34,800	56.6	300.2	30,900							160
170	29.8	248.4	23,400 *	37.5	267.5	27,000 *	41.5	275.9	29,400 *	47.4	286.3	31,700	52.7	293.0	28,000							170
180	22.4	227.7	21,100 *	31.8	252.8	24,300 *	36.3	263.3	26,400 *	42.9	276.2	28,900	48.5	284.6	25,400							180
190	11.1	193.6	17,100 *	25.0	234.0	21,900 *	30.5	248.0	23,700 *	37.9	264.3	26,400	44.1	274.9	23,100	49.5	281.4	19,900				190
200				15.7	206.5	19,700 *	23.4	227.9	21,400 *	32.3	249.9	24,100	39.3	263.5	21,000	45.1	272.0	18,000				200
210							12.9	196.6	19,300 *	25.7	231.5	22,100 *	33.9	249.9	19,200	40.4	261.1	16,300	45.9	267.5	13,500	210
220										16.7	205.1	19,900 *	27.6	232.7	17,500	35.1	248.0	14,700	41.2	256.9	12,100	220
230													19.4	209.3	15,900	29.1	231.8	13,300	36.1	244.2	10,800	230
240																21.5	210.2	12,000	30.2	228.6	9,600	240
250																9.1	172.6	10,700	23.0	208.3	8,500	250
260																			12.2	175.9	7,400	260



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

150 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.6	342.9	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	67,200 *																90
95	64.9	331.6	56,200 *	69.2	336.1	64,900 *																95
100	63.2	329.1	54,100 *	67.6	334.1	62,600 *																100
105	61.5	326.4	50,400 *	65.9	331.9	60,200 *																105
110	59.7	323.6	46,900 *	64.3	329.6	57,000 *	66.9	332.0	61,000 *													110
115	58.0	320.5	43,800 *	62.6	327.0	52,900 *	65.2	329.7	58,700 *													115
120	56.2	317.2	41,000 *	60.9	324.3	49,100 *	63.6	327.3	55,200 *													120
130	52.4	309.9	36,100 *	57.3	318.2	42,800 *	60.1	321.8	47,700 *													130
140	48.5	301.6	32,000 *	53.7	311.2	37,600 *	56.6	315.6	41,600 *	61.2	320.5	42,000										140
150	44.3	291.9	28,600 *	49.8	303.2	33,300 *	52.9	308.4	36,700 *	57.6	314.5	37,800										150
160	39.8	280.7	25,500 *	45.7	294.0	29,600 *	49.0	300.1	32,500 *	54.0	307.6	34,200										160
170	34.7	267.3	22,900 *	41.3	283.4	26,500 *	44.8	290.7	28,900 *	50.1	299.7	31,100	54.9	305.4	27,300							170
180	29.0	251.0	20,600 *	36.4	270.8	23,800 *	40.3	279.6	25,900 *	46.0	290.6	28,300	51.2	297.8	24,700							180
190	21.8	229.6	18,600 *	30.9	255.5	21,400 *	35.3	266.5	23,200 *	41.7	280.1	25,800	47.1	289.0	22,500	52.0	294.4	19,200				190
200	10.8	194.6	14,900 *	24.4	236.1	19,200 *	29.7	250.6	20,900 *	36.9	267.6	23,600	42.8	278.9	20,400	48.1	285.9	17,300				200
210				15.3	207.8	17,300 *	22.7	229.9	18,800 *	31.4	252.7	21,500	38.2	267.0	18,600	43.8	276.1	15,700				210
220							12.5	197.7	17,000 *	25.0	233.7	19,400 *	32.9	252.8	16,900	39.3	264.6	14,100	44.6	271.7	11,500	220
230										16.2	206.5	17,500 *	26.8	235.1	15,300	34.2	251.0	12,700	40.1	260.5	10,200	230
240													18.9	210.9	13,900	28.3	234.3	11,400	35.1	247.3	9,000	240
250																20.9	212.0	10,200	29.4	231.2	7,900	250
260																8.8	173.3	9,000	22.3	210.2	6,900	260
270																			11.8	176.9	5,900	270



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

150 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.3	353.3	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	60,000 *																95
100	64.6	340.3	51,100 *	68.8	344.9	57,800 *																100
105	63.0	337.8	48,600 *	67.2	342.9	55,500 *																105
110	61.4	335.1	46,200 *	65.7	340.6	53,000 *																110
115	59.8	332.2	43,900 *	64.1	338.3	50,600 *	66.6	340.7	53,900 *													115
120	58.1	329.2	41,000 *	62.5	335.7	48,200 *	65.0	338.4	51,700 *													120
130	54.6	322.4	36,000 *	59.2	330.0	42,900 *	61.8	333.3	47,200 *													130
140	51.0	314.7	31,800 *	55.8	323.6	37,600 *	58.5	327.5	41,700 *	62.7	331.9	41,300										140
150	47.2	306.0	28,300 *	52.2	316.2	33,100 *	55.0	320.8	36,600 *	59.4	326.3	37,100										150
160	43.1	295.9	25,200 *	48.4	307.8	29,400 *	51.4	313.2	32,300 *	56.0	319.9	33,500										160
170	38.7	284.2	22,600 *	44.5	298.1	26,200 *	47.6	304.6	28,700 *	52.5	312.6	30,400	56.9	317.5	26,500							170
180	33.8	270.4	20,300 *	40.2	287.0	23,400 *	43.6	294.7	25,600 *	48.8	304.3	27,600	53.4	310.5	24,000							180
190	28.2	253.5	18,200 *	35.5	274.0	21,000 *	39.2	283.2	22,900 *	44.8	294.7	25,100	49.8	302.5	21,700							190
200	21.3	231.4	16,300 *	30.1	258.2	18,800 *	34.4	269.6	20,500 *	40.6	283.8	22,900	45.9	293.3	19,700	50.6	299.1	16,600				200
210	10.6	195.5	12,900 *	23.7	238.2	16,900 *	28.9	253.2	18,400 *	35.9	270.9	20,900	41.7	282.7	17,900	46.8	290.2	14,900				210
220				14.9	209.1	15,200 *	22.1	231.9	16,600 *	30.6	255.4	19,000 *	37.2	270.4	16,200	42.7	280.0	13,400	47.4	285.6	10,700	220
230							12.2	198.7	14,900 *	24.3	235.9	17,100 *	32.1	255.7	14,700	38.2	268.1	12,000	43.4	275.6	9,400	230
240										15.8	207.9	15,400 *	26.1	237.4	13,300	33.3	254.0	10,700	39.0	264.1	8,300	240
250													18.4	212.5	11,900	27.5	236.7	9,500	34.2	250.4	7,200	250
260																20.4	213.8	8,400	28.6	233.8	6,200	260
270																8.6	174.0	7,300	21.8	212.2	5,300	270
280																			11.5	177.9	4,300	280



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	143,800 * c																55
60	49.4	222.4	112,300 *	63.5	230.9	135,500 * b																60
65	43.7	217.5	100,100 *	58.8	228.1	128,000 * b	66.6	231.3	138,800 * b													65
70	37.2	211.4	90,200 *	53.8	224.6	121,200 * b	62.0	228.8	131,300 * b													70
75	29.6	203.6	81,900 *	48.4	220.4	109,900 *	57.2	225.7	124,400 * b													75
80	19.3	192.0	74,900 *	42.6	215.3	98,200 *	52.1	222.0	115,600 * b													80
85				36.0	209.0	88,600 *	46.6	217.6	105,900 *	60.9	224.9	104,900 b										85
90				28.0	200.6	80,600 *	40.6	212.1	95,000 *	56.0	221.7	97,800 b										90
95				16.7	187.8	73,800 *	33.6	205.2	85,900 *	50.8	217.8	91,500										95
100							24.9	195.9	78,300 *	45.2	213.2	85,900										100
105							10.7	179.3	71,800 *	39.0	207.4	80,800	54.4	216.2	76,500 b							105
110										31.7	200.1	76,300	49.2	212.1	72,200							110
115										22.4	189.8	72,200	43.4	207.2	68,300							115
120													36.9	201.0	64,800							120
130													18.6	181.1	58,500							130
140																52.4	209.2	61,200				140
150																40.9	199.4	55,300				150
																25.5	183.5	50,300	44.0	195.6	47,400	140
																			30.1	181.8	43,400	150



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	139,600 * c																55
60	55.4	235.2	112,800 *	67.0	242.0	131,900 * b																60
65	50.9	231.3	100,600 *	63.1	239.6	124,800 * b																65
70	46.0	226.8	90,600 *	58.9	236.7	118,300 * b	65.8	240.0	127,900 * b													70
75	40.7	221.3	82,200 *	54.6	233.3	110,500 *	61.7	237.4	121,400 * b													75
80	34.7	214.6	75,200 *	50.0	229.3	98,700 *	57.6	234.4	114,800 *													80
85	27.6	206.0	69,100 *	45.1	224.6	89,000 *	53.1	230.8	106,500 *													85
90	17.9	193.5	63,800 *	39.7	219.0	80,900 *	48.5	226.6	95,400 *	60.7	233.5	97,100 b										90
95				33.5	212.0	74,100 *	43.4	221.6	86,300 *	56.5	230.4	90,900										95
100				26.1	202.9	68,100 *	37.8	215.6	78,600 *	52.0	226.7	85,300										100
105				15.6	189.1	63,000 *	31.3	208.0	72,100 *	47.3	222.3	80,300										105
110							23.3	198.0	66,400 *	42.1	217.1	75,800	55.2	224.9	71,500							110
115							10.0	180.2	61,400 *	36.3	210.7	71,700	50.6	221.0	67,700							115
120										29.6	202.7	68,000	45.7	216.4	64,200							120
130													34.4	204.1	58,100	48.7	213.8	54,700				130
140													17.3	182.6	52,800	38.1	202.9	49,700				140
150																23.8	185.6	45,500	41.0	199.4	42,700	150
160																			28.0	184.3	39,200	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	128,400 *b																60
65	55.9	243.9	100,900 *	66.3	250.8	121,700 *b																65
70	51.9	240.2	90,800 *	62.7	248.3	115,600 *																70
75	47.7	235.8	82,400 *	59.0	245.4	109,900 *	65.1	248.7	118,500 *b													75
80	43.2	230.8	75,300 *	55.2	242.1	99,000 *	61.5	246.1	112,800 *													80
85	38.2	224.8	69,200 *	51.2	238.2	89,300 *	57.8	243.1	106,000 *													85
90	32.6	217.5	63,900 *	46.9	233.7	81,100 *	53.9	239.6	95,700 *													90
95	25.9	208.3	59,300 *	42.3	228.5	74,200 *	49.9	235.5	86,500 *	60.7	242.2	90,400										95
100	16.9	195.0	55,200 *	37.3	222.4	68,300 *	45.5	230.8	78,800 *	56.9	239.1	84,800										100
105				31.5	214.8	63,100 *	40.8	225.3	72,200 *	53.0	235.5	79,900										105
110				24.5	205.1	58,600 *	35.5	218.8	66,500 *	48.8	231.3	75,400										110
115				14.6	190.4	54,500 *	29.4	210.7	61,600 *	44.4	226.4	71,400	55.7	233.7	67,200							115
120							21.9	199.9	57,200 *	39.5	220.7	67,700	51.7	229.9	63,800							120
130										27.8	205.2	60,500 *	43.0	220.4	57,700							130
140													32.3	207.0	52,500	45.8	218.1	49,300				140
150													16.3	184.0	48,000	35.8	206.1	45,100	48.0	213.8	42,200	150
160																22.4	187.5	41,400	38.5	202.9	38,800	160
170																			26.4	186.6	35,800	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	118,300 * ^b																65
70	56.3	252.6	90,800 *	65.7	259.5	112,600 *																70
75	52.8	249.0	82,300 *	62.4	256.9	107,300 *	67.8	259.6	115,000 ^b													75
80	49.1	244.8	75,200 *	59.1	254.1	99,000 *	64.6	257.4	105,800													80
85	45.1	240.0	69,100 *	55.7	250.8	89,200 *	61.4	254.7	97,900													85
90	40.8	234.5	63,800 *	52.1	247.0	81,000 *	58.1	251.7	90,900													90
95	36.2	228.1	59,100 *	48.4	242.8	74,100 *	54.6	248.3	84,800													95
100	30.9	220.3	55,000 *	44.4	237.9	68,100 *	50.9	244.4	78,700 *	60.6	250.9	72,700										100
105	24.5	210.5	51,300 *	40.0	232.2	62,900 *	47.1	239.9	72,100 *	57.2	247.8	68,200										105
110	16.0	196.3	48,000 *	35.3	225.6	58,400 *	43.0	234.8	66,400 *	53.7	244.2	64,200										110
115				29.8	217.5	54,400 *	38.5	228.9	61,400 *	50.0	240.2	60,500										115
120				23.2	207.1	50,800 *	33.6	221.8	57,100 *	46.1	235.6	57,200	56.2	242.4	51,800							120
130							20.7	201.7	49,700 *	37.4	224.1	51,300	48.9	234.5	46,500							130
140										26.3	207.5	46,300	40.6	224.1	41,900	51.2	231.6	37,600				140
150													30.6	209.8	38,000	43.3	222.1	34,000				150
160													15.4	185.3	34,400	33.9	209.2	30,900	45.3	218.1	27,300	160
170																21.2	189.4	28,000	36.4	206.2	24,800	170
180																			24.9	188.8	22,500	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	115,100 *b																65
70	59.8	264.5	93,500 *	68.0	270.4	109,800 *																70
75	56.7	261.3	84,800 *	65.1	268.2	104,800 *																75
80	53.5	257.7	77,300 *	62.2	265.6	100,100 *	67.1	268.4	105,100													80
85	50.1	253.7	71,000 *	59.2	262.7	91,900 *	64.2	266.0	97,200													85
90	46.6	249.2	65,500 *	56.1	259.5	83,400 *	61.3	263.4	90,200													90
95	42.9	244.0	60,700 *	52.9	255.8	76,200 *	58.2	260.4	84,100													95
100	38.8	238.1	56,500 *	49.5	251.7	70,000 *	55.1	257.0	78,700													100
105	34.4	231.2	52,700 *	46.0	247.1	64,600 *	51.8	253.2	73,900	60.5	259.5	67,500										105
110	29.4	222.9	49,300 *	42.2	241.8	59,900 *	48.4	248.9	68,200 *	57.5	256.4	63,500										110
115	23.3	212.5	46,300 *	38.1	235.7	55,800 *	44.8	244.1	63,100 *	54.3	253.0	59,800										115
120	15.2	197.6	42,500 *	33.5	228.6	52,100 *	40.9	238.6	58,600 *	51.0	249.1	56,500										120
130				22.1	209.1	45,800 *	32.0	224.7	51,000 *	43.9	239.7	50,700	53.3	247.5	45,800							130
140							19.7	203.4	44,900 *	35.6	227.3	45,800	46.4	238.8	41,200							140
150										25.0	209.7	41,500	38.6	227.7	37,400	48.6	236.1	33,300				150
160													29.1	212.4	33,900	41.1	225.8	30,200				160
170													14.6	186.6	30,900	32.2	212.1	27,400	43.1	222.0	24,000	170
180																20.1	191.1	25,000	34.7	209.3	21,800	180
190																			23.7	190.9	19,800	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	105,100 *																70
75	59.8	273.2	84,400 *	67.4	279.1	100,500 *																75
80	57.0	270.0	77,000 *	64.7	276.8	96,300 *																80
85	54.0	266.5	70,600 *	62.0	274.3	91,500 *	66.5	277.1	96,400													85
90	51.0	262.6	65,100 *	59.3	271.4	83,000 *	63.9	274.7	89,500													90
95	47.8	258.2	60,300 *	56.4	268.2	75,800 *	61.2	272.1	83,400													95
100	44.5	253.3	56,100 *	53.5	264.6	69,600 *	58.4	269.1	78,000													100
105	40.9	247.8	52,300 *	50.5	260.6	64,200 *	55.5	265.7	73,200													105
110	37.1	241.4	48,900 *	47.3	256.1	59,500 *	52.5	262.0	67,800 *	60.5	268.2	62,700										110
115	32.9	234.1	45,900 *	43.9	251.1	55,400 *	49.4	257.9	62,700 *	57.7	265.1	59,000										115
120	28.1	225.4	43,100 *	40.3	245.5	51,700 *	46.2	253.3	58,200 *	54.8	261.7	55,700										120
130	14.5	198.9	37,400 *	32.0	231.5	45,400 *	39.0	242.1	50,600 *	48.7	253.6	50,000	56.8	259.7	44,900							130
140				21.1	210.9	40,200 *	30.5	227.4	44,500 *	41.9	243.5	45,100	50.9	252.3	40,400							140
150							18.8	205.0	39,500 *	34.0	230.4	40,900	44.3	242.9	36,600	52.7	249.2	32,400				150
160										23.9	211.9	37,100	36.9	231.0	33,200	46.4	240.5	29,400				160
170													27.8	214.8	30,300	39.3	229.4	26,700	48.0	236.2	23,200	170
180													14.0	187.8	27,500	30.8	214.9	24,300	41.1	225.8	21,000	180
190																19.2	192.8	22,100	33.1	212.3	19,100	190
200																			22.7	192.9	17,300	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

160 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.3	294.9	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	97,800 *																75
80	59.8	281.8	76,900 *	66.8	287.9	93,900 *																80
85	57.2	278.7	70,500 *	64.4	285.5	90,100 *																85
90	54.5	275.2	65,000 *	61.9	282.9	82,900 *	66.0	285.8	89,100													90
95	51.7	271.4	60,200 *	59.3	280.1	75,700 *	63.6	283.4	83,000													95
100	48.9	267.2	55,900 *	56.7	276.9	69,500 *	61.1	280.7	77,700													100
105	45.8	262.5	52,100 *	54.0	273.3	64,100 *	58.5	277.7	72,800													105
110	42.6	257.2	48,800 *	51.2	269.4	59,400 *	55.9	274.4	67,700 *	63.0	279.6	62,300										110
115	39.2	251.3	45,700 *	48.3	265.1	55,200 *	53.1	270.8	62,600 *	60.5	276.8	58,700										115
120	35.6	244.7	43,000 *	45.3	260.3	51,500 *	50.3	266.8	58,000 *	57.9	273.8	55,400										120
130	26.9	227.8	38,200 *	38.6	249.0	45,200 *	44.3	257.4	50,500 *	52.5	266.7	49,600										130
140	13.9	200.1	33,200 *	30.7	234.2	40,100 *	37.4	245.6	44,400 *	46.6	258.0	44,800	54.4	264.9	40,100							140
150				20.3	212.7	35,700 *	29.3	230.0	39,300 *	40.1	247.2	40,600	48.7	256.8	36,300							150
160							18.0	206.6	35,100 *	32.6	233.3	36,900	42.5	246.8	32,900	50.5	253.9	29,000				160
170										22.9	213.9	33,700	35.4	234.2	30,000	44.4	244.6	26,300				170
180													26.7	217.2	27,400	37.6	232.9	24,000	46.0	240.5	20,700	180
190													13.4	188.9	25,000	29.6	217.5	21,900	39.4	229.4	18,800	190
200																18.5	194.4	19,900	31.8	215.2	17,000	200
210																			21.8	194.8	15,400	210



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

160 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.4	305.3	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	94,800 *																75
80	62.2	293.3	76,400 *	68.5	298.7	91,100 *																80
85	59.8	290.5	70,100 *	66.3	296.6	87,600 *																85
90	57.4	287.4	64,500 *	64.1	294.2	82,500 *	67.8	296.7	88,400													90
95	54.9	283.9	59,700 *	61.7	291.6	75,300 *	65.6	294.5	82,300													95
100	52.4	280.2	55,500 *	59.4	288.7	69,100 *	63.3	292.1	77,000													100
105	49.7	276.1	51,700 *	57.0	285.5	63,700 *	61.0	289.4	72,200													105
110	47.0	271.5	48,300 *	54.5	282.1	58,900 *	58.6	286.4	67,300 *													110
115	44.1	266.5	45,300 *	51.9	278.3	54,800 *	56.2	283.1	62,100 *	62.8	288.3	57,900										115
120	41.0	261.0	42,500 *	49.2	274.1	51,100 *	53.7	279.6	57,600 *	60.4	285.5	54,600										120
130	34.2	247.8	37,700 *	43.5	264.4	44,800 *	48.3	271.3	50,000 *	55.6	279.1	48,900										130
140	25.9	230.1	33,700 *	37.1	252.4	39,600 *	42.5	261.3	43,900 *	50.4	271.4	44,000	57.3	277.1	39,300							140
150	13.4	201.2	29,400 *	29.6	236.8	35,300 *	36.0	248.8	38,900 *	44.8	262.1	39,900	52.2	269.9	35,500							150
160				19.5	214.4	31,600 *	28.2	232.5	34,700 *	38.6	250.7	36,300	46.8	261.2	32,200							160
170							17.4	208.1	31,100 *	31.4	236.1	33,100	40.8	250.6	29,300	48.5	258.5	25,500				170
180										22.1	215.8	30,200	34.0	237.3	26,700	42.7	248.5	23,200				180
190													25.7	219.5	24,400	36.2	236.2	21,100	44.2	244.6	17,900	190
200													12.9	190.0	22,200	28.4	220.0	19,200	37.9	232.9	16,200	200
210																17.8	196.0	17,500	30.6	217.9	14,700	210
220																			20.9	196.7	13,200	220



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

160 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.4	314.3	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	88,400 *																80
85	62.0	302.0	71,500 *	68.0	307.5	85,200 *																85
90	59.8	299.1	65,800 *	65.9	305.3	82,100 *																90
95	57.6	296.0	60,800 *	63.8	302.9	76,900 *	67.3	305.5	81,700													95
100	55.3	292.7	56,400 *	61.6	300.3	70,400 *	65.2	303.2	76,300													100
105	52.9	289.0	52,500 *	59.4	297.4	64,900 *	63.1	300.7	71,500													105
110	50.5	284.9	49,000 *	57.2	294.2	60,000 *	60.9	298.0	67,200													110
115	47.9	280.6	45,900 *	54.9	290.8	55,700 *	58.7	295.1	63,200 *													115
120	45.3	275.7	43,100 *	52.5	287.0	51,900 *	56.4	291.8	58,600 *	62.6	296.9	53,900										120
130	39.5	264.6	38,200 *	47.4	278.5	45,400 *	51.7	284.4	50,800 *	58.2	291.1	48,200										130
140	33.0	250.7	34,100 *	42.0	268.2	40,100 *	46.6	275.6	44,500 *	53.5	284.2	43,400										140
150	25.0	232.3	30,500 *	35.8	255.6	35,700 *	41.0	265.0	39,400 *	48.6	276.0	39,200	55.2	282.4	34,800							150
160	12.9	202.3	25,300 *	28.5	239.4	31,900 *	34.7	252.0	35,100 *	43.2	266.1	35,600	50.3	274.6	31,500							160
170				18.8	216.0	28,700 *	27.2	235.0	31,400 *	37.2	254.1	32,500	45.1	265.4	28,600	51.8	271.6	24,800				170
180							16.7	209.5	28,300 *	30.3	238.8	29,700	39.4	254.2	26,000	46.7	262.9	22,500				180
190										21.3	217.7	27,100	32.8	240.2	23,800	41.2	252.3	20,400				190
200													24.8	221.7	21,700	34.9	239.3	18,600	42.6	248.5	15,500	200
210													12.4	191.1	19,800	27.4	222.5	16,900	36.6	236.2	14,000	210
220																17.1	197.5	15,300	29.5	220.5	12,600	220
230																			20.2	198.4	11,300	230



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

160 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.4	324.6	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	82,400 *																85
90	61.9	310.6	65,200 *	67.5	316.2	79,600 *																90
95	59.8	307.8	60,300 *	65.5	314.0	76,300 *																95
100	57.7	304.7	55,900 *	63.6	311.6	69,900 *	66.9	314.2	75,600													100
105	55.6	301.4	52,000 *	61.5	308.9	64,300 *	64.9	311.9	70,800													105
110	53.4	297.7	48,500 *	59.5	306.0	59,500 *	62.9	309.4	66,500													110
115	51.1	293.8	45,400 *	57.4	302.9	55,200 *	60.9	306.7	62,600													115
120	48.7	289.5	42,500 *	55.2	299.5	51,300 *	58.8	303.7	58,000 *													120
130	43.7	279.8	37,600 *	50.7	291.8	44,900 *	54.5	297.0	50,200 *	60.4	302.8	47,400										130
140	38.2	268.1	33,500 *	45.8	282.8	39,600 *	49.9	289.1	44,000 *	56.1	296.5	42,600										140
150	31.9	253.6	30,000 *	40.6	271.9	35,200 *	45.0	279.8	38,800 *	51.7	289.1	38,500	57.6	294.5	34,000							150
160	24.2	234.4	27,000 *	34.6	258.7	31,400 *	39.7	268.7	34,500 *	46.9	280.4	34,900	53.3	287.5	30,700							160
170	12.5	203.4	22,400 *	27.6	241.8	28,200 *	33.6	255.0	30,900 *	41.8	270.0	31,800	48.6	279.2	27,800							170
180				18.2	217.6	25,400 *	26.3	237.3	27,700 *	36.0	257.4	29,000	43.6	269.4	25,300	50.1	276.3	21,700				180
190							16.2	210.9	25,000 *	29.3	241.5	26,500	38.1	257.7	23,100	45.2	267.0	19,600				190
200										20.6	219.5	24,300	31.7	243.1	21,000	39.8	256.0	17,800	46.4	262.9	14,700	200
210													23.9	223.8	19,200	33.8	242.4	16,100	41.2	252.3	13,200	210
220													12.0	192.1	17,400	26.5	224.8	14,600	35.4	239.4	11,800	220
230																16.6	198.9	13,200	28.5	223.1	10,600	230
240																			19.5	200.1	9,400	240



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

160 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.6	333.6	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	78,300 *																85
90	63.7	321.9	62,400 *	68.9	327.0	75,800 *																90
95	61.8	319.3	59,600 *	67.1	325.0	73,400 *																95
100	59.8	316.5	55,600 *	65.2	322.7	69,600 *																100
105	57.9	313.4	51,700 *	63.4	320.2	64,000 *	66.5	322.9	70,300													105
110	55.8	310.1	48,200 *	61.4	317.6	59,200 *	64.6	320.6	66,000													110
115	53.8	306.5	45,100 *	59.5	314.7	54,900 *	62.7	318.1	62,200													115
120	51.6	302.6	42,200 *	57.5	311.6	51,000 *	60.8	315.4	57,700 *													120
130	47.2	293.9	37,300 *	53.4	304.6	44,600 *	56.9	309.2	49,900 *	62.3	314.3	47,000										130
140	42.4	283.7	33,200 *	49.0	296.4	39,300 *	52.7	302.0	43,600 *	58.4	308.5	42,200										140
150	37.0	271.4	29,700 *	44.4	286.9	34,800 *	48.3	293.7	38,500 *	54.3	301.7	38,100										150
160	30.9	256.4	26,700 *	39.3	275.5	31,100 *	43.6	283.8	34,200 *	50.0	293.8	34,500	55.7	299.8	30,300							160
170	23.4	236.5	24,000 *	33.5	261.7	27,900 *	38.4	272.2	30,600 *	45.4	284.6	31,400	51.5	292.3	27,400							170
180	12.1	204.4	19,800 *	26.7	244.2	25,100 *	32.5	257.9	27,400 *	40.4	273.7	28,700	47.1	283.6	24,900	52.8	289.2	21,300				180
190				17.6	219.1	22,700 *	25.5	239.5	24,700 *	34.9	260.5	26,200	42.2	273.3	22,700	48.5	280.9	19,300				190
200							15.7	212.3	22,300 *	28.4	244.0	24,000	36.9	261.0	20,700	43.7	271.1	17,400				200
210										20.0	221.2	21,900	30.8	245.8	18,800	38.6	259.5	15,800	45.0	267.0	12,800	210
220													23.2	225.8	17,200	32.7	245.3	14,300	39.9	255.9	11,500	220
230													11.7	193.1	15,600	25.7	227.1	12,900	34.3	242.5	10,200	230
240																16.1	200.3	11,600	27.6	225.5	9,100	240
250																			18.9	201.8	8,000	250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

160 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.4	344.0	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	72,000 *																90
95	63.5	330.6	56,900 *	68.4	335.8	69,600 *																95
100	61.7	328.0	54,500 *	66.7	333.7	67,200 *																100
105	59.9	325.1	51,100 *	64.9	331.4	63,500 *	67.9	333.8	67,900 *													105
110	58.0	322.1	47,700 *	63.2	328.9	58,600 *	66.1	331.6	65,400													110
115	56.1	318.8	44,500 *	61.4	326.2	54,300 *	64.4	329.3	61,500													115
120	54.1	315.2	41,700 *	59.5	323.4	50,500 *	62.6	326.8	57,200 *													120
130	50.1	307.3	36,800 *	55.7	316.9	44,000 *	58.9	321.1	49,400 *													130
140	45.8	298.2	32,700 *	51.8	309.5	38,700 *	55.1	314.5	43,100 *	60.3	320.1	41,500										140
150	41.1	287.4	29,200 *	47.6	300.9	34,300 *	51.1	306.9	38,000 *	56.6	313.9	37,400										150
160	35.9	274.7	26,100 *	43.1	290.8	30,600 *	46.9	298.0	33,700 *	52.7	306.7	33,800	57.9	311.8	29,500							160
170	30.0	259.0	23,500 *	38.1	279.0	27,400 *	42.3	287.7	30,000 *	48.5	298.4	30,700	54.0	304.9	26,700							170
180	22.7	238.5	21,200 *	32.6	264.7	24,600 *	37.3	275.5	26,900 *	44.1	288.7	28,000	50.0	297.0	24,200							180
190	11.7	205.4	17,400 *	26.0	246.5	22,100 *	31.6	260.7	24,200 *	39.2	277.3	25,500	45.6	287.8	22,000	51.2	294.0	18,500				190
200				17.1	220.6	20,000 *	24.7	241.7	21,800 *	33.8	263.6	23,300	41.0	277.1	20,000	47.0	285.2	16,700				200
210							15.2	213.6	19,700 *	27.5	246.4	21,300	35.8	264.2	18,100	42.4	275.0	15,000				210
220										19.4	222.9	19,500	29.9	248.5	16,500	37.4	262.9	13,500	43.6	271.1	10,700	220
230													22.5	227.8	15,000	31.8	248.1	12,200	38.7	259.5	9,500	230
240													11.3	194.1	13,500	25.0	229.3	10,900	33.3	245.5	8,300	240
250																15.6	201.6	9,700	26.8	227.9	7,300	250
260																			18.4	203.4	6,300	260



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

160 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.7	353.0	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	64,800 *																95
100	63.3	339.3	52,100 *	68.0	344.6	62,600 *																100
105	61.6	336.6	50,100 *	66.3	342.4	60,400 *																105
110	59.9	333.8	47,900 *	64.7	340.1	58,000 *	67.5	342.6	61,100 *													110
115	58.1	330.7	44,700 *	63.0	337.6	54,800 *	65.8	340.4	59,000 *													115
120	56.3	327.5	41,800 *	61.3	334.9	50,800 *	64.1	338.0	56,900 *													120
130	52.6	320.2	36,700 *	57.8	328.9	44,200 *	60.7	332.7	49,700 *													130
140	48.6	311.9	32,500 *	54.1	322.1	38,700 *	57.2	326.6	43,200 *	62.0	331.6	40,800										140
150	44.5	302.3	29,000 *	50.3	314.2	34,200 *	53.5	319.6	38,000 *	58.6	325.8	36,700										150
160	39.9	291.1	25,900 *	46.2	305.2	30,400 *	49.6	311.5	33,600 *	54.9	319.1	33,200										160
170	34.9	277.8	23,200 *	41.8	294.7	27,100 *	45.5	302.3	29,800 *	51.1	311.5	30,100	56.2	317.2	26,000							170
180	29.2	261.6	20,900 *	37.1	282.3	24,300 *	41.1	291.5	26,700 *	47.1	302.7	27,400	52.5	309.9	23,500							180
190	22.1	240.4	18,800 *	31.7	267.5	21,800 *	36.2	278.8	23,900 *	42.8	292.6	25,000	48.5	301.6	21,300							190
200	11.4	206.4	15,300 *	25.2	248.7	19,600 *	30.7	263.5	21,500 *	38.1	280.7	22,800	44.4	291.9	19,300	49.8	298.7	16,000				200
210				16.7	222.1	17,700 *	24.1	243.9	19,300 *	32.9	266.5	20,800	39.8	280.7	17,500	45.7	289.5	14,400				210
220							14.8	214.9	17,400 *	26.8	248.8	19,000	34.8	267.4	15,900	41.2	278.8	12,900	46.7	285.3	10,000	220
230										18.9	224.6	17,300	29.0	251.1	14,400	36.4	266.2	11,600	42.4	275.0	8,800	230
240													21.9	229.7	13,000	30.9	250.9	10,300	37.7	262.9	7,700	240
250													11.0	195.0	11,700	24.3	231.4	9,200	32.3	248.4	6,700	250
260																15.2	202.9	8,100	26.1	230.2	5,700	260
270																			17.9	205.0	4,800	270

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

160 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.4	363.4	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	59,900 *																95
100	64.7	350.4	49,500 *	69.1	355.3	57,800 *																100
105	63.1	348.0	47,800 *	67.6	353.3	55,600 *																105
110	61.5	345.3	46,000 *	66.0	351.1	53,300 *																110
115	59.9	342.4	44,000 *	64.5	348.8	51,000 *	67.1	351.3	54,300 *													115
120	58.2	339.4	41,200 *	62.9	346.3	48,700 *	65.5	349.1	52,200 *													120
130	54.7	332.7	36,200 *	59.6	340.7	43,600 *	62.3	344.1	47,800 *													130
140	51.1	325.0	32,000 *	56.2	334.3	38,200 *	59.0	338.4	42,700 *													140
150	47.3	316.3	28,400 *	52.6	327.1	33,600 *	55.6	331.9	37,400 *	60.3	337.5	36,000										150
160	43.3	306.3	25,300 *	48.9	318.8	29,800 *	52.1	324.5	33,000 *	56.9	331.3	32,500										160
170	38.9	294.6	22,700 *	45.0	309.3	26,600 *	48.3	316.0	29,300 *	53.4	324.2	29,400										170
180	34.0	280.9	20,300 *	40.7	298.4	23,700 *	44.3	306.3	26,100 *	49.7	316.2	26,700	54.7	322.4	22,800							180
190	28.4	264.2	18,300 *	36.1	285.6	21,300 *	40.0	295.2	23,300 *	45.9	307.0	24,300	51.0	314.7	20,600							190
200	21.5	242.3	16,400 *	30.8	270.3	19,100 *	35.3	282.0	20,900 *	41.7	296.4	22,100	47.2	306.0	18,600	52.2	311.6	15,200				200
210	11.1	207.4	13,200 *	24.6	250.9	17,200 *	29.9	266.2	18,800 *	37.1	284.1	20,100	43.2	295.9	16,800	48.4	303.2	13,600				210
220				16.2	223.5	15,400 *	23.4	245.9	16,900 *	32.0	269.4	18,400	38.8	284.2	15,200	44.4	293.6	12,100				220
230							14.4	216.1	15,200 *	26.1	251.1	16,700	33.9	270.4	13,700	40.1	282.4	10,800	45.5	289.5	8,000	230
240										18.4	226.2	15,200	28.3	253.6	12,400	35.4	269.4	9,600	41.2	278.7	6,900	240
250													21.3	231.6	11,100	30.1	253.6	8,500	36.7	266.2	5,900	250
260													10.7	195.9	9,900	23.6	233.5	7,400	31.5	251.2	5,000	260
270																14.8	204.2	6,400	25.4	232.5	4,100	270



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	69.1 64.6	243.7 241.5	144,000 * c 136,000 * b																
45	64.6	242.8	139,700 * b																			
50	60.0	240.1	131,500 * b																			
55	55.1	236.7	124,100 * b																			
60	49.8	232.7	113,200 *																			
65	44.1	227.9	100,900 *	59.9	238.7	128,700 * b	63.6 58.9 53.9 48.6	239.5 236.7 233.2 229.0	128,900 * b 121,400 * b 113,500 * b 105,400 *													
70	37.7	221.9	90,800 *																			
75	30.2	214.2	82,500 *																			
80	20.2	203.0	75,300 *																			
85																						
90				30.1	212.8	82,400 *	42.8	224.0	98,200 *	58.5	233.1	96,700 b										
95				20.1	201.6	75,300 *	36.2	217.7	88,900 *	53.5	229.6	90,400 b										
100							28.2	209.4	80,800 *	48.2	225.4	84,900										
105							17.1	196.8	74,000 *	42.3	220.2	79,900										
110										35.7	213.8	75,500										
115										27.6 16.0	205.3 192.1	71,400 67,600 *	47.4	220.1	67,200	46.1 32.9 8.0	213.1 200.5 172.0	54,100 49,300 44,900	37.6 20.0	198.2 179.2	42,200 38,700	
120													41.4	214.8	63,800							
130													26.3	199.3	57,600							
140																						
150																						
160																						



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	132,100 * ^b																60
65	51.2	241.6	101,400 *	64.0	250.2	125,200 * ^b																65
70	46.3	237.1	91,200 *	59.9	247.4	118,900 * ^b	67.1	250.6	125,200 * ^b													70
75	41.1	231.7	82,800 *	55.7	244.1	113,100 *	63.2	248.2	118,200 * ^b													75
80	35.1	225.1	75,600 *	51.2	240.3	101,400 *	59.0	245.3	111,600 * ^b													80
85	28.1	216.7	69,500 *	46.3	235.8	91,200 *	54.7	242.0	104,600 *													85
90	18.8	204.6	64,200 *	41.0	230.4	82,800 *	50.1	238.0	97,500 *	62.9	244.6	96,000 ^b										90
95				35.1	223.8	75,600 *	45.2	233.3	89,300 *	58.7	241.7	89,800 ^b										95
100				28.1	215.3	69,500 *	39.8	227.6	81,100 *	54.4	238.3	84,300										100
105				18.7	203.3	64,200 *	33.7	220.7	74,200 *	49.8	234.3	79,400										105
110							26.3	211.7	68,300 *	44.8	229.5	74,900										110
115							15.9	198.1	63,100 *	39.4	223.8	70,900 *	53.8	233.2	66,600							115
120										33.2	216.8	67,100 *	49.1	229.1	63,100							120
130										14.9	193.4	60,400 *	38.6	218.3	57,100	52.7	226.4	53,400				130
140													24.5	201.4	51,900	42.9	217.0	48,600				140
150																30.6	203.2	44,500	46.3	213.4	41,500	150
160																7.4	172.6	40,700	35.1	201.4	38,100	160
170																			18.6	180.8	35,100 *	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	128,200 * ^b																60
65	56.2	254.2	101,700 *	67.1	261.2	121,900 * ^b																65
70	52.2	250.4	91,500 *	63.6	258.8	116,000 * ^b																70
75	48.0	246.1	83,000 *	60.0	256.1	110,500 *	66.4	259.3	114,500 ^b													75
80	43.5	241.1	75,800 *	56.2	252.8	101,700 *	62.8	256.9	105,400 ^b													80
85	38.6	235.2	69,600 *	52.2	249.1	91,500 *	59.1	254.0	97,500													85
90	33.0	228.1	64,300 *	48.0	244.8	83,000 *	55.3	250.7	90,700													90
95	26.4	219.0	59,600 *	43.5	239.8	75,800 *	51.3	246.8	84,600	62.6	253.3	77,200										95
100	17.6	206.2	55,400 *	38.6	233.9	69,600 *	47.0	242.4	79,200	58.9	250.4	72,200										100
105				33.0	226.7	64,300 *	42.5	237.2	74,300	55.0	247.1	67,800										105
110				26.4	217.7	59,600 *	37.4	231.1	68,400 *	51.0	243.2	63,800										110
115				17.6	204.8	55,500 *	31.7	223.6	63,200 *	46.7	238.7	60,100										115
120							24.7	213.9	58,700 *	42.1	233.4	56,800	54.5	241.9	51,300							120
130										31.2	219.6	51,000	46.1	233.4	46,000							130
140										14.0	194.6	46,000	36.3	221.6	41,500	49.4	231.1	37,000				140
150													23.0	203.4	37,600	40.3	220.8	33,500				150
160																28.8	205.8	30,400	43.5	217.5	26,600	160
170																6.9	173.2	27,400	33.0	204.4	24,200	170
180																			17.5	182.4	21,900	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	118,300 * ^b																65
70	56.6	262.9	91,400 *	66.4	269.9	112,700 *																70
75	53.0	259.2	82,900 *	63.2	267.5	107,600 *																75
80	49.3	255.1	75,700 *	60.0	264.7	101,700 *	65.7	268.0	104,700													80
85	45.4	250.4	69,500 *	56.6	261.5	91,400 *	62.5	265.5	96,800													85
90	41.1	244.9	64,100 *	53.0	257.9	82,900 *	59.2	262.7	89,900													90
95	36.5	238.5	59,400 *	49.3	253.8	75,700 *	55.8	259.4	83,900													95
100	31.3	230.9	55,300 *	45.4	249.1	69,500 *	52.2	255.7	78,500	62.3	262.0	71,300										100
105	25.0	221.2	51,600 *	41.1	243.6	64,100 *	48.5	251.4	73,700	59.0	259.1	66,900										105
110	16.7	207.6	48,300 *	36.5	237.2	59,400 *	44.5	246.5	68,300 *	55.6	255.8	62,900										110
115				31.2	229.5	55,300 *	40.1	240.9	63,100 *	52.0	252.0	59,300										115
120				25.0	219.9	51,600 *	35.4	234.3	58,500 *	48.2	247.7	56,100										120
130							23.4	216.0	50,900 *	39.8	237.1	50,300	51.4	246.8	45,100							130
140										29.5	222.2	45,400	43.6	237.4	40,700							140
150										13.3	195.7	41,100	34.3	224.7	36,800	46.7	235.5	32,600				150
160													21.8	205.3	33,400	38.1	224.2	29,500				160
170																27.2	208.2	26,800	41.1	221.3	23,300	170
180																6.5	173.7	24,300	31.2	207.2	21,100	180
190																			16.6	183.8	19,100	190



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

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	109,700 *																70
75	56.9	271.5	85,300 *	65.8	278.7	104,900 *																75
80	53.7	268.0	77,800 *	62.9	276.2	100,200 *																80
85	50.4	264.0	71,400 *	60.0	273.4	94,200 *	65.2	276.7	96,100													85
90	46.9	259.5	65,900 *	56.9	270.2	85,300 *	62.3	274.2	89,200													90
95	43.1	254.4	61,000 *	53.7	266.7	77,800 *	59.3	271.3	83,200													95
100	39.1	248.5	56,800 *	50.4	262.7	71,400 *	56.2	268.1	77,800													100
105	34.7	241.7	53,000 *	46.8	258.2	65,900 *	53.0	264.4	73,000	62.1	270.6	66,200										105
110	29.7	233.5	49,600 *	43.1	253.0	61,000 *	49.6	260.3	68,700	59.1	267.7	62,200										110
115	23.8	223.3	46,500 *	39.1	247.2	56,800 *	46.0	255.7	64,800 *	56.0	264.5	58,600										115
120	15.9	209.0	43,200 *	34.7	240.3	53,000 *	42.3	250.4	60,100 *	52.7	260.8	55,400										120
130				23.8	222.0	46,500 *	33.7	237.3	52,200 *	45.8	252.0	49,700	55.5	259.4	44,400							130
140							22.3	217.9	45,900 *	37.9	240.5	44,800	48.9	251.4	40,000							140
150										28.1	224.7	40,600	41.4	241.2	36,200	51.5	248.8	31,800				150
160										12.6	196.8	36,900	32.6	227.6	32,900	44.4	239.6	28,800				160
170													20.7	207.1	29,900	36.2	227.5	26,200	46.8	235.8	22,500	170
180																25.9	210.5	23,800	39.1	224.8	20,400	180
190																6.2	174.2	21,500	29.7	209.8	18,500	190
200																			15.8	185.1	16,700	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

170 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.6	296.0	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	104,800 *																70
75	60.0	283.4	85,000 *	68.0	289.6	100,400 *																75
80	57.2	280.2	77,500 *	65.4	287.4	96,400 *																80
85	54.3	276.7	71,000 *	62.7	284.8	92,500 *	67.4	287.7	95,300													85
90	51.2	272.8	65,500 *	60.0	282.0	85,000 *	64.8	285.4	88,500													90
95	48.1	268.5	60,600 *	57.1	278.9	77,500 *	62.1	282.9	82,500													95
100	44.7	263.6	56,300 *	54.2	275.4	71,000 *	59.4	280.0	77,100													100
105	41.2	258.2	52,500 *	51.2	271.5	65,500 *	56.5	276.8	72,300													105
110	37.4	251.9	49,100 *	48.0	267.2	60,600 *	53.6	273.2	68,000	61.9	279.3	61,400										110
115	33.2	244.7	46,100 *	44.7	262.3	56,400 *	50.5	269.2	64,100	59.2	276.4	57,800										115
120	28.4	236.1	43,300 *	41.2	256.8	52,600 *	47.3	264.8	59,700 *	56.3	273.2	54,600										120
130	15.2	210.3	38,000 *	33.1	243.3	46,100 *	40.4	254.1	51,800 *	50.3	265.6	48,900										130
140				22.7	224.0	40,800 *	32.2	240.2	45,500 *	43.7	256.0	44,100	52.9	264.4	39,200							140
150							21.3	219.8	40,300 *	36.2	243.8	40,000	46.6	255.8	35,400							150
160										26.9	227.1	36,300	39.6	244.8	32,100	49.1	253.5	28,000				160
170										12.0	197.8	33,100	31.2	230.4	29,200	42.4	243.5	25,400				170
180													19.8	208.9	26,600	34.6	230.7	23,100	44.7	240.0	19,600	180
190																24.8	212.7	21,000	37.3	228.2	17,700	190
200																5.9	174.6	18,900	28.4	212.4	16,000	200
210																			15.0	186.4	14,400	210



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

170 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.4	305.0	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	97,600 *																75
80	60.0	292.0	77,400 *	67.4	298.3	93,800 *																80
85	57.4	288.9	70,900 *	65.0	296.0	90,100 *																85
90	54.7	285.5	65,400 *	62.5	293.5	84,900 *	66.9	296.4	88,100													90
95	51.9	281.7	60,500 *	60.0	290.7	77,400 *	64.4	294.1	82,100													95
100	49.1	277.5	56,200 *	57.4	287.6	70,900 *	61.9	291.5	76,700													100
105	46.0	272.8	52,400 *	54.7	284.2	65,400 *	59.4	288.7	72,000													105
110	42.9	267.6	49,000 *	51.9	280.3	60,500 *	56.8	285.5	67,700													110
115	39.5	261.8	45,900 *	49.0	276.1	56,200 *	54.1	282.0	63,800	61.8	288.0	57,400										115
120	35.8	255.2	43,200 *	46.0	271.5	52,400 *	51.3	278.1	59,500 *	59.2	285.1	54,200										120
130	27.3	238.5	38,300 *	39.5	260.4	45,900 *	45.4	269.0	51,600 *	53.9	278.3	48,600										130
140	14.5	211.5	33,700 *	31.8	246.2	40,700 *	38.7	257.7	45,300 *	48.2	270.1	43,800	56.2	276.8	38,800							140
150				21.8	225.9	36,200 *	30.8	242.9	40,100 *	41.9	259.9	39,700	50.7	269.2	35,100							150
160							20.4	221.6	35,800 *	34.7	247.0	36,100	44.7	259.9	31,800	52.9	266.4	27,600				160
170										25.8	229.4	32,900	37.9	248.3	29,000	47.1	257.9	25,000				170
180										11.5	198.8	30,000	29.9	233.1	26,400	40.6	247.2	22,800				180
190													19.0	210.5	24,100	33.2	233.6	20,700	42.8	243.9	17,400	190
200																23.8	214.8	18,800	35.8	231.5	15,700	200
210																5.7	175.1	17,000	27.2	214.8	14,200	210
220																			14.4	187.7	12,800	220



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

170 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.6	315.4	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	90,800 *																80
85	60.0	300.7	70,500 *	66.9	307.0	87,500 *																85
90	57.6	297.6	64,900 *	64.6	304.7	84,200 *																90
95	55.1	294.2	60,000 *	62.3	302.2	76,900 *	66.4	305.2	81,300													95
100	52.5	290.5	55,700 *	60.0	299.4	70,500 *	64.1	302.8	76,000													100
105	49.9	286.4	51,900 *	57.6	296.3	64,900 *	61.8	300.2	71,300													105
110	47.2	281.9	48,500 *	55.1	292.9	60,000 *	59.4	297.3	67,000													110
115	44.3	276.9	45,500 *	52.5	289.1	55,800 *	57.0	294.2	63,100													115
120	41.2	271.4	42,700 *	49.9	285.0	51,900 *	54.5	290.7	59,100 *	61.6	296.6	53,400										120
130	34.5	258.3	37,900 *	44.2	275.6	45,500 *	49.3	282.7	51,200 *	56.9	290.6	47,800										130
140	26.2	240.8	33,800 *	38.0	263.9	40,200 *	43.6	273.0	44,900 *	51.8	283.2	43,100										140
150	14.0	212.7	29,800 *	30.6	248.9	35,800 *	37.2	261.0	39,700 *	46.3	274.4	39,000	54.0	281.9	34,200							150
160				21.0	227.7	32,000 *	29.7	245.6	35,300 *	40.3	263.6	35,400	48.7	273.8	31,000							160
170							19.7	223.3	31,700 *	33.4	250.0	32,300	43.0	263.9	28,200	50.8	271.2	24,200				170
180										24.8	231.6	29,500	36.5	251.6	25,700	45.2	262.1	22,000				180
190										11.1	199.7	26,900	28.8	235.7	23,400	39.1	250.8	19,900	47.1	258.2	16,500	190
200													18.3	212.1	21,400	31.9	236.5	18,100	41.2	247.7	14,900	200
210																22.9	216.8	16,400	34.4	234.6	13,400	210
220																5.4	175.5	14,800	26.2	217.1	12,100	220
230																			13.9	188.8	10,800	230



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

170 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.6	324.4	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	87,900 *																80
85	62.2	312.2	68,500 *	68.5	317.9	84,900 *																85
90	60.0	309.3	64,900 *	66.4	315.8	82,000 *																90
95	57.7	306.3	61,100 *	64.3	313.4	78,600 *																95
100	55.4	302.9	56,700 *	62.2	310.8	71,900 *	66.0	313.9	75,300													100
105	53.1	299.2	52,800 *	60.0	308.0	66,100 *	63.8	311.5	70,600													105
110	50.6	295.2	49,300 *	57.7	304.9	61,100 *	61.7	308.9	66,300													110
115	48.1	290.9	46,100 *	55.4	301.6	56,700 *	59.5	306.0	62,500													115
120	45.4	286.1	43,300 *	53.1	297.9	52,800 *	57.2	302.8	58,900													120
130	39.7	275.0	38,300 *	48.1	289.5	46,100 *	52.5	295.7	52,000 *	59.3	302.4	47,100										130
140	33.2	261.3	34,200 *	42.7	279.5	40,700 *	47.5	287.1	45,500 *	54.7	295.8	42,400										140
150	25.3	243.1	30,700 *	36.6	267.2	36,200 *	42.0	276.9	40,200 *	49.9	287.9	38,300	56.7	294.1	33,500							150
160	13.5	213.9	25,700 *	29.5	251.6	32,400 *	35.9	264.3	35,800 *	44.6	278.5	34,800	52.0	286.8	30,300							160
170				20.2	229.5	29,100 *	28.6	248.1	32,000 *	38.8	267.1	31,700	47.0	278.1	27,500							170
180							19.0	224.9	28,800 *	32.2	252.9	28,900	41.4	267.7	25,000	48.9	275.8	21,200				180
190										23.9	233.7	26,400	35.2	254.8	22,800	43.6	266.1	19,200				190
200										10.7	200.6	24,100	27.8	238.1	20,800	37.7	254.2	17,500	45.4	262.4	14,200	200
210													17.6	213.6	18,900	30.8	239.3	15,800	39.7	251.3	12,700	210
220																22.1	218.7	14,300	33.2	237.6	11,400	220
230																5.2	175.9	12,800	25.2	219.3	10,200	230
240																			13.4	190.0	9,000	240



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

170 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.6	334.7	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	80,500 *																85
90	62.0	320.8	62,500 *	68.0	326.7	78,000 *																90
95	60.0	318.0	59,400 *	66.0	324.5	75,400 *																95
100	57.9	314.9	56,200 *	64.0	322.1	71,400 *	67.6	324.8	74,600													100
105	55.7	311.6	52,200 *	62.0	319.5	65,600 *	65.6	322.6	69,900													105
110	53.5	308.0	48,700 *	60.0	316.7	60,600 *	63.6	320.2	65,600													110
115	51.2	304.1	45,600 *	57.9	313.6	56,200 *	61.6	317.5	61,800													115
120	48.9	299.8	42,700 *	55.7	310.3	52,200 *	59.5	314.6	58,300													120
130	43.9	290.1	37,800 *	51.2	302.8	45,600 *	55.2	308.1	51,500 *	61.4	314.0	46,300										130
140	38.4	278.5	33,700 *	46.4	293.9	40,200 *	50.7	300.5	45,000 *	57.3	307.9	41,600										140
150	32.1	264.1	30,100 *	41.2	283.3	35,700 *	45.9	291.4	39,600 *	52.9	300.8	37,600										150
160	24.5	245.2	27,100 *	35.4	270.4	31,800 *	40.6	280.6	35,200 *	48.2	292.4	34,100	54.8	299.4	29,500							160
170	13.1	215.0	22,700 *	28.5	254.1	28,600 *	34.7	267.4	31,500 *	43.1	282.5	31,000	50.2	291.6	26,700							170
180				19.6	231.2	25,700 *	27.7	250.6	28,300 *	37.6	270.5	28,300	45.4	282.4	24,300	52.0	288.9	20,400				180
190							18.3	226.5	25,500 *	31.1	255.6	25,800	40.0	271.3	22,100	47.3	280.2	18,400				190
200										23.1	235.7	23,600	34.0	257.9	20,100	42.1	270.0	16,700				200
210										10.3	201.5	21,500	26.9	240.5	18,300	36.4	257.5	15,100	43.9	266.5	11,900	210
220													17.1	215.1	16,600	29.8	241.9	13,600	38.4	254.8	10,600	220
230																21.3	220.6	12,200	32.1	240.4	9,400	230
240																5.0	176.3	10,900	24.4	221.5	8,300	240
250																			12.9	191.1	7,200	250



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

170 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.7	343.7	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	75,400 *																90
95	61.9	329.5	57,200 *	67.5	335.4	73,100 *																95
100	60.0	326.7	54,500 *	65.7	333.2	70,800 *																100
105	58.0	323.6	51,900 *	63.8	330.8	65,300 *	67.1	333.5	69,400													105
110	56.0	320.3	48,400 *	61.9	328.2	60,300 *	65.3	331.3	65,200													110
115	53.9	316.7	45,300 *	60.0	325.3	55,900 *	63.4	328.8	61,300													115
120	51.8	312.9	42,400 *	58.0	322.3	51,900 *	61.5	326.2	57,800													120
130	47.3	304.2	37,500 *	53.9	315.4	45,300 *	57.6	320.2	51,200 *													130
140	42.5	294.1	33,300 *	49.6	307.4	39,900 *	53.5	313.2	44,600 *	59.4	319.7	41,200										140
150	37.2	281.9	29,800 *	45.0	298.0	35,300 *	49.1	305.1	39,300 *	55.4	313.2	37,200										150
160	31.2	266.9	26,800 *	39.9	286.9	31,500 *	44.4	295.5	34,900 *	51.2	305.6	33,700	57.1	311.5	29,100							160
170	23.7	247.3	24,100 *	34.3	273.5	28,300 *	39.4	284.2	31,200 *	46.7	296.8	30,600	53.0	304.4	26,300							170
180	12.7	216.1	20,200 *	27.7	256.6	25,400 *	33.6	270.5	27,900 *	41.8	286.3	27,900	48.6	296.1	23,900							180
190				19.0	232.9	22,900 *	26.8	253.0	25,200 *	36.4	273.8	25,500	43.9	286.4	21,700	50.3	293.6	18,000				190
200							17.8	228.1	22,700 *	30.2	258.3	23,300	38.8	274.9	19,700	45.8	284.5	16,300				200
210										22.4	237.7	21,300	33.0	260.8	18,000	40.8	273.7	14,700	47.3	280.6	11,500	210
220										10.0	202.4	19,400	26.0	242.8	16,300	35.3	260.7	13,200	42.5	270.4	10,200	220
230													16.5	216.6	14,800	28.9	244.5	11,900	37.2	258.2	9,100	230
240																20.7	222.4	10,700	31.1	243.2	8,000	240
250																4.9	176.7	9,400	23.7	223.6	7,000	250
260																			12.5	192.2	6,000	260



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

170 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.6	354.1	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	71,400 *																90
95	63.6	340.8	54,700 *	68.8	346.2	69,400 *																95
100	61.8	338.1	52,400 *	67.1	344.1	67,200 *																100
105	60.0	335.3	50,100 *	65.4	341.9	64,800 *																105
110	58.1	332.3	47,800 *	63.6	339.5	59,800 *	66.7	342.3	64,500													110
115	56.2	329.0	44,700 *	61.8	336.8	55,300 *	65.0	340.0	60,600													115
120	54.3	325.5	41,900 *	60.0	334.0	51,400 *	63.2	337.5	57,200													120
130	50.2	317.6	36,900 *	56.2	327.7	44,700 *	59.6	332.0	50,600 *													130
140	45.9	308.5	32,800 *	52.3	320.4	39,300 *	55.8	325.5	44,100 *	61.3	331.3	40,400										140
150	41.3	297.8	29,300 *	48.1	311.9	34,800 *	51.8	318.1	38,800 *	57.6	325.3	36,400										150
160	36.1	285.2	26,200 *	43.6	302.1	31,000 *	47.6	309.5	34,400 *	53.7	318.3	32,900										160
170	30.2	269.6	23,600 *	38.8	290.5	27,700 *	43.1	299.5	30,600 *	49.6	310.3	29,900	55.4	316.8	25,600							170
180	23.0	249.3	21,300 *	33.3	276.5	24,900 *	38.2	287.7	27,400 *	45.3	301.0	27,200	51.4	309.3	23,100							180
190	12.3	217.1	17,700 *	26.8	258.9	22,400 *	32.6	273.4	24,600 *	40.5	290.1	24,800	47.2	300.5	21,000	52.9	306.4	17,200				190
200				18.4	234.5	20,200 *	26.1	255.3	22,200 *	35.3	277.0	22,600	42.6	290.3	19,000	48.8	298.2	15,500				200
210							17.3	229.6	20,000 *	29.3	261.0	20,700	37.6	278.3	17,300	44.4	288.6	13,900				210
220										21.8	239.6	18,900	32.0	263.7	15,700	39.6	277.3	12,500	45.9	284.8	9,400	220
230										9.7	203.2	17,200	25.3	245.1	14,200	34.3	263.8	11,200	41.2	274.2	8,300	230
240													16.1	218.0	12,800	28.0	247.0	10,000	36.1	261.5	7,200	240
250																20.1	224.2	8,800	30.2	245.9	6,200	250
260																4.7	177.1	7,700	23.0	225.6	5,300	260
270																			12.2	193.2	4,400	270



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

170 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.8	363.1	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	64,600 *																95
100	63.4	349.5	50,100 *	68.4	355.0	62,600 *																100
105	61.7	346.8	48,100 *	66.8	352.9	60,400 *																105
110	60.0	344.0	46,200 *	65.1	350.6	58,200 *	68.0	353.1	61,100 *													110
115	58.2	340.9	44,200 *	63.4	348.1	55,800 *	66.4	351.0	59,200 *													115
120	56.4	337.7	42,000 *	61.7	345.5	51,800 *	64.7	348.7	56,500													120
130	52.7	330.5	36,900 *	58.2	339.6	44,900 *	61.3	343.5	50,400													130
140	48.8	322.2	32,700 *	54.6	332.9	39,300 *	57.8	337.5	44,300 *	62.9	342.6	39,800										140
150	44.6	312.6	29,100 *	50.8	325.1	34,700 *	54.2	330.7	38,800 *	59.5	337.0	35,800										150
160	40.1	301.5	26,000 *	46.7	316.3	30,800 *	50.3	322.8	34,300 *	55.9	330.6	32,300										160
170	35.1	288.3	23,300 *	42.4	306.0	27,500 *	46.3	313.8	30,500 *	52.1	323.3	29,300	57.4	328.9	24,900							170
180	29.4	272.3	21,000 *	37.7	293.9	24,600 *	41.9	303.3	27,200 *	48.2	314.8	26,600	53.8	321.9	22,500							180
190	22.4	251.3	18,900 *	32.4	279.4	22,100 *	37.1	291.0	24,400 *	44.0	305.0	24,200	49.9	313.9	20,300							190
200	11.9	218.2	15,600 *	26.1	261.3	19,900 *	31.7	276.2	21,900 *	39.4	293.7	22,100	45.8	304.8	18,400	51.4	311.3	14,800				200
210				17.9	236.0	17,900 *	25.3	257.5	19,700 *	34.3	280.1	20,100	41.4	294.1	16,600	47.4	302.6	13,300				210
220							16.8	231.0	17,700 *	28.5	263.5	18,400	36.6	281.6	15,100	43.2	292.6	11,800				220
230										21.2	241.5	16,700	31.1	266.5	13,600	38.5	280.8	10,600	44.6	289.0	7,600	230
240										9.5	204.0	15,200	24.6	247.2	12,300	33.3	266.8	9,400	40.1	277.8	6,500	240
250													15.6	219.3	11,000	27.3	249.4	8,300	35.1	264.7	5,600	250
260																19.5	225.9	7,200	29.4	248.6	4,700	260
270																4.6	177.4	6,200				270



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

170 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.6	373.5	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	57,800 *																100
105	63.3	358.1	46,000 *	68.0	363.7	55,700 *																105
110	61.6	355.5	44,300 *	66.4	361.6	53,600 *																110
115	60.0	352.6	42,600 *	64.8	359.3	51,300 *	67.6	361.9	54,400 *													115
120	58.3	349.6	40,900 *	63.2	356.8	49,100 *	66.1	359.7	52,500 *													120
130	54.9	342.9	36,300 *	60.0	351.3	44,300 *	62.9	354.9	48,400 *													130
140	51.3	335.3	32,100 *	56.6	345.1	38,800 *	59.6	349.3	43,700 *													140
150	47.5	326.6	28,500 *	53.1	337.9	34,200 *	56.2	342.9	38,200 *	61.2	348.6	35,000										150
160	43.4	316.6	25,400 *	49.4	329.8	30,300 *	52.7	335.7	33,700 *	57.8	342.6	31,600										160
170	39.0	305.1	22,800 *	45.5	320.5	26,900 *	49.0	327.4	29,900 *	54.3	335.8	28,600										170
180	34.2	291.4	20,400 *	41.3	309.7	24,100 *	45.0	318.0	26,600 *	50.7	328.0	25,900	55.9	334.2	21,700							180
190	28.6	274.8	18,300 *	36.7	297.2	21,600 *	40.8	307.1	23,800 *	46.9	319.2	23,500	52.3	326.9	19,600							190
200	21.8	253.2	16,500 *	31.5	282.2	19,300 *	36.1	294.3	21,300 *	42.8	309.0	21,400	48.6	318.5	17,600							200
210	11.6	219.1	13,400 *	25.4	263.5	17,400 *	30.9	279.0	19,100 *	38.4	297.1	19,500	44.6	308.9	15,900	50.0	316.0	12,500				210
220				17.4	237.5	15,600 *	24.7	259.7	17,200 *	33.4	283.1	17,700	40.3	297.8	14,300	46.1	306.9	11,100				220
230							16.3	232.5	15,400 *	27.7	266.0	16,100	35.6	284.8	12,900	42.0	296.4	9,800	47.4	303.0	6,800	230
240										20.6	243.3	14,600	30.3	269.2	11,600	37.5	284.2	8,600	43.4	293.0	5,700	240
250										9.2	204.8	13,200	23.9	249.3	10,400	32.4	269.7	7,500	39.0	281.4	4,800	250
260													15.2	220.6	9,200	26.5	251.8	6,500				260
270																19.0	227.5	5,600				270
280																4.5	177.8	4,600				280



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	143,900 * ^c																55
60	50.2	243.0	114,200 * ^b	65.7	252.0	135,700 * ^b																60
65	44.5	238.3	101,700 *	61.1	249.4	127,400 * ^b																65
70	38.2	232.4	91,500 *	56.2	246.2	119,700 * ^b	65.2	250.3	124,300 * ^b													70
75	30.8	224.8	83,000 *	51.1	242.4	109,700 ^b	60.6	247.6	117,200 * ^b													75
80	21.0	214.0	75,800 *	45.5	237.8	101,200 *	55.7	244.3	110,400 * ^b													80
85				39.3	232.1	93,100 *	50.5	240.4	103,300 * ^b													85
90				32.1	224.9	84,400 *	44.8	235.7	96,300 *	61.0	244.3	94,600 * ^b										90
95				22.9	214.8	77,000 *	38.6	229.9	90,000 *	56.2	241.1	88,500 * ^b										95
100				3.1	191.3	67,400 *	31.2	222.4	83,500 *	51.0	237.3	83,100 * ^b										100
105							21.6	211.9	76,200 *	45.4	232.7	78,200 *										105
110										39.2	227.0	73,800 *	56.3	236.3	69,600 ^b							110
115										32.0	219.7	69,700 *	51.2	232.5	65,900							115
120										22.8	209.6	66,000 *	45.6	227.9	62,500							120
130													32.2	215.0	56,500	50.8	226.0	52,700				130
140													4.1	182.5	51,200	38.9	215.6	47,900				140
150																22.3	197.9	43,800	44.0	212.9	40,700	150
160																			30.1	199.1	37,400	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	131,300 * ^b																60
65	51.5	251.9	102,200 *	65.0	260.7	123,700 * ^b																65
70	46.7	247.4	91,900 *	61.0	258.0	116,600 * ^b																70
75	41.5	242.1	83,300 *	56.7	254.9	109,300 *	64.6	258.9	113,800 ^b													75
80	35.6	235.6	76,100 *	52.3	251.2	100,800 *	60.5	256.2	104,700 ^b													80
85	28.7	227.4	69,900 *	47.5	246.9	93,400 *	56.2	253.0	96,900													85
90	19.6	215.7	64,500 *	42.4	241.7	84,700 *	51.8	249.3	90,100													90
95				36.6	235.4	77,300 *	47.0	244.8	84,000	60.9	253.0	76,100 ^b										95
100				29.9	227.5	70,900 *	41.8	239.6	78,700	56.7	249.8	71,300										100
105				21.4	216.7	65,400 *	35.9	233.1	73,800	52.2	246.1	66,900										105
110				2.8	191.4	58,000 *	29.1	225.0	69,500	47.5	241.8	62,900										110
115							20.2	213.6	64,800 *	42.3	236.6	59,300	56.8	245.0	53,100							115
120										36.5	230.3	56,100	52.3	241.3	50,200							120
130										21.2	211.5	50,300	42.4	231.8	45,000							130
140													30.0	217.7	40,600	47.2	230.5	35,800				140
150													3.7	182.7	36,400	36.3	218.9	32,300				150
160																20.7	199.7	29,300	41.0	216.7	25,400	160
170																			28.0	201.6	23,000	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

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	120,000 * ^b																65
70	52.5	260.7	92,100 *	64.5	269.4	113,600 * ^b																70
75	48.3	256.5	83,500 *	60.9	266.7	107,500 *	67.6	269.9	110,800 * ^b													75
80	43.8	251.5	76,300 *	57.1	263.6	100,400 *	64.1	267.6	104,100 ^b													80
85	38.9	245.7	70,000 *	53.2	260.0	93,000 *	60.4	264.9	96,300													85
90	33.4	238.6	64,600 *	49.0	255.9	84,900 *	56.7	261.7	89,500													90
95	27.0	229.7	59,900 *	44.6	251.0	77,400 *	52.7	258.1	83,500													95
100	18.4	217.3	55,700 *	39.8	245.4	71,100 *	48.6	253.9	78,200	60.8	261.6	70,600										100
105				34.4	238.6	65,500 *	44.1	248.9	73,400	57.0	258.5	66,200										105
110				28.1	230.1	60,700 *	39.2	243.2	69,100	53.1	254.9	62,300										110
115				20.1	218.4	56,400 *	33.8	236.2	65,000 *	49.0	250.8	58,800										115
120				2.6	191.5	50,600 *	27.3	227.4	60,200 *	44.6	245.9	55,500	57.1	253.7	49,500							120
130										34.3	233.4	49,900	49.1	246.0	44,400							130
140										19.9	213.2	44,900	39.9	235.5	40,000	52.9	243.7	35,100				140
150													28.2	220.2	36,200	44.3	234.6	31,700				150
160													3.5	182.9	32,700	34.1	222.0	28,800	48.0	231.2	24,700	160
170																19.5	201.4	26,100	38.5	220.2	22,400	170
180																			26.4	204.0	20,300	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

180 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
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	116,100 *b																65
70	56.8	273.1	92,800 *	67.2	280.4	110,100 *b																70
75	53.3	269.5	84,000 *	64.0	278.1	104,500 *																75
80	49.6	265.4	76,600 *	60.8	275.4	99,200 *	66.8	278.7	102,000 *b													80
85	45.7	260.7	70,300 *	57.4	272.3	92,500 *	63.7	276.3	95,500													85
90	41.5	255.3	64,800 *	53.9	268.8	85,500 *	60.4	273.6	88,700													90
95	36.8	249.0	60,100 *	50.2	264.8	77,800 *	57.0	270.4	82,800													95
100	31.6	241.5	55,800 *	46.3	260.2	71,400 *	53.5	266.9	77,400													100
105	25.5	232.0	52,100 *	42.2	254.9	65,700 *	49.8	262.8	72,700	60.7	270.3	65,400										105
110	17.4	218.8	48,700 *	37.6	248.8	60,900 *	45.9	258.1	68,400	57.3	267.2	61,500										110
115				32.6	241.5	56,500 *	41.7	252.8	64,500	53.8	263.7	57,900										115
120				26.6	232.4	52,700 *	37.1	246.5	60,400 *	50.2	259.7	54,700										120
130				2.4	191.6	44,500 *	25.9	229.7	52,300 *	42.1	249.8	49,100	53.9	258.9	43,500							130
140										32.5	236.3	44,300	46.4	250.3	39,200							140
150										18.9	214.8	40,100	37.7	238.9	35,400	50.0	248.4	30,800				150
160										26.7	222.6	32,200	26.7	222.6	32,200	41.9	238.5	27,900				160
170										3.2	183.2	29,100			29,100	32.2	224.9	25,300	45.3	235.4	21,400	170
180																18.4	203.0	23,000	36.4	223.5	19,400	180
190																			24.9	206.2	17,600	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

180 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.4	295.7	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	106,800 *b																70
75	57.1	281.8	85,700 *	66.5	289.1	101,500 *																75
80	53.9	278.3	78,300 *	63.7	286.7	96,700 *																80
85	50.6	274.3	71,800 *	60.7	284.0	92,000 *	66.2	287.4	94,500 *													85
90	47.1	269.8	66,200 *	57.6	281.0	85,600 *	63.3	285.0	88,000													90
95	43.4	264.7	61,300 *	54.5	277.5	79,500 *	60.4	282.2	82,100													95
100	39.4	258.9	57,000 *	51.2	273.6	72,900 *	57.3	279.1	76,800													100
105	35.0	252.2	53,200 *	47.7	269.2	67,200 *	54.1	275.6	72,000													105
110	30.1	244.2	49,800 *	44.0	264.3	62,200 *	50.8	271.7	67,800	60.6	278.9	60,700										110
115	24.3	234.1	46,700 *	40.1	258.6	57,800 *	47.3	267.2	63,900	57.6	275.9	57,200										115
120	16.6	220.2	43,700 *	35.8	252.0	53,900 *	43.6	262.2	60,400	54.4	272.4	54,000										120
130				25.3	234.7	47,200 *	35.3	249.7	53,500 *	47.7	264.1	48,400	57.7	271.1	42,700							130
140				2.2	191.8	37,900 *	24.6	231.9	46,900 *	40.0	253.5	43,700	51.2	263.7	38,400							140
150										30.9	239.1	39,600	44.1	254.4	34,800							150
160										18.0	216.4	36,000	35.9	242.2	31,600	47.5	252.8	27,200				160
170													25.4	224.8	28,700	39.9	242.1	24,600				170
180													3.0	183.3	26,000	30.7	227.6	22,400	43.1	239.4	18,700	180
190																17.6	204.6	20,300	34.7	226.7	16,900	190
200																			23.7	208.3	15,300	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

180 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.7	306.1	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	99,200 *																75
80	57.4	290.5	77,600 *	66.0	297.8	94,600 *																80
85	54.5	287.0	71,500 *	63.4	295.4	90,300 *																85
90	51.4	283.1	65,800 *	60.6	292.7	85,200 *	65.7	296.1	87,300													90
95	48.3	278.8	60,900 *	57.8	289.6	79,200 *	63.0	293.6	81,300													95
100	45.0	274.0	56,600 *	55.0	286.2	72,500 *	60.3	290.9	76,000													100
105	41.4	268.6	52,800 *	52.0	282.4	66,800 *	57.5	287.8	71,300													105
110	37.6	262.4	49,400 *	48.8	278.2	61,800 *	54.6	284.3	67,100													110
115	33.5	255.2	46,300 *	45.5	273.5	57,300 *	51.6	280.5	63,200	60.6	287.6	56,400										115
120	28.8	246.7	43,500 *	42.1	268.2	53,400 *	48.5	276.2	59,700	57.8	284.6	53,200										120
130	15.8	221.6	38,500 *	34.2	255.1	46,800 *	41.6	266.0	53,000 *	51.9	277.3	47,700										130
140				24.2	236.8	41,400 *	33.7	252.8	46,500 *	45.5	268.4	43,000	55.0	276.3	37,600							140
150				2.1	191.9	33,500 *	23.5	234.0	41,100 *	38.2	257.0	38,900	48.9	268.3	34,000							150
160										29.5	241.7	35,400	42.1	258.3	30,800	51.8	266.1	26,300				160
170										17.2	217.9	32,200	34.3	245.3	28,000	45.3	257.1	23,800				170
180													24.3	227.0	25,500	38.1	245.6	21,600	48.0	253.5	17,800	180
190													2.9	183.5	23,000	29.3	230.2	19,600	41.1	243.1	16,100	190
200																16.8	206.0	17,700	33.1	229.6	14,500	200
210																			22.7	210.2	13,000	210



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.6	315.1	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	95,900 *																75
80	60.2	302.2	75,100 *	68.0	308.8	91,900 *																80
85	57.6	299.1	70,600 *	65.6	306.5	87,900 *																85
90	54.9	295.7	65,700 *	63.1	304.1	84,100 *	67.7	307.0	85,600 *													90
95	52.1	291.9	60,800 *	60.6	301.3	79,100 *	65.3	304.8	80,900													95
100	49.3	287.8	56,500 *	58.0	298.3	72,400 *	62.8	302.3	75,700													100
105	46.3	283.1	52,600 *	55.4	294.9	66,700 *	60.3	299.5	70,900													105
110	43.1	278.0	49,200 *	52.6	291.2	61,600 *	57.7	296.5	66,700													110
115	39.7	272.2	46,100 *	49.8	287.1	57,200 *	55.0	293.1	62,900													115
120	36.1	265.6	43,300 *	46.8	282.6	53,300 *	52.3	289.3	59,400	60.5	296.3	52,800										120
130	27.6	249.2	38,500 *	40.3	271.9	46,700 *	46.4	280.6	52,900 *	55.3	289.9	47,300										130
140	15.2	222.9	34,200 *	32.8	258.1	41,200 *	39.9	269.7	46,300 *	49.7	282.0	42,600	58.0	288.4	37,200							140
150				23.2	238.8	36,700 *	32.3	255.7	41,000 *	43.6	272.4	38,600	52.6	281.4	33,600							150
160				2.0	192.0	29,900 *	22.6	236.0	36,500 *	36.7	260.3	35,100	46.8	272.7	30,500							160
170										28.3	244.3	32,000	40.3	262.0	27,700	49.6	270.8	23,500				170
180										16.5	219.3	29,200	32.8	248.2	25,200	43.4	261.1	21,300				180
190													23.3	229.0	23,000	36.5	248.9	19,300	46.0	257.8	15,700	190
200													2.7	183.7	20,800	28.1	232.7	17,500	39.4	246.8	14,100	200
210																16.1	207.4	15,900	31.8	232.5	12,700	210
220																			21.8	212.2	11,400	220



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

180 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.7	325.4	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	88,600 *																80
85	60.1	310.9	68,200 *	67.4	317.5	85,000 *																85
90	57.7	307.8	64,400 *	65.2	315.2	81,500 *																90
95	55.3	304.4	60,600 *	62.9	312.8	78,200 *	67.2	315.8	79,400 *													95
100	52.7	300.7	56,500 *	60.5	310.0	72,800 *	64.9	313.5	74,900													100
105	50.1	296.7	52,600 *	58.2	307.0	66,900 *	62.6	311.0	70,200													105
110	47.3	292.2	49,100 *	55.7	303.7	61,700 *	60.3	308.2	66,000													110
115	44.5	287.3	46,000 *	53.2	300.0	57,200 *	57.9	305.1	62,200													115
120	41.4	281.8	43,200 *	50.5	296.0	53,300 *	55.4	301.8	58,700	62.8	307.7	52,000										120
130	34.7	268.8	38,300 *	45.0	286.8	46,500 *	50.2	294.0	52,600	58.1	301.9	46,500										130
140	26.6	251.5	34,100 *	38.8	275.4	41,000 *	44.6	284.7	46,200 *	53.1	294.9	41,900										140
150	14.6	224.1	30,400 *	31.6	260.9	36,500 *	38.4	273.2	40,800 *	47.8	286.5	37,900	55.7	293.8	32,800							150
160				22.4	240.8	32,600 *	31.1	258.5	36,300 *	41.9	276.3	34,400	50.6	286.1	29,700							160
170				1.9	192.1	26,600 *	21.7	237.9	32,400 *	35.3	263.5	31,300	45.0	276.9	26,900	53.0	283.7	22,600				170
180										27.3	246.7	28,600	38.8	265.5	24,500	47.6	275.2	20,400				180
190										15.8	220.6	26,100	31.6	251.1	22,300	41.8	264.9	18,500				190
200													22.4	231.0	20,300	35.1	252.1	16,800	44.2	261.9	13,300	200
210													2.6	183.9	18,400	27.1	235.1	15,200	37.9	250.2	11,900	210
220																15.5	208.7	13,700	30.6	235.2	10,600	220
230																			20.9	214.0	9,400	230



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

180 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.7	334.4	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	85,400 *																80
85	62.3	322.3	65,700 *	69.0	328.3	82,200 *																85
90	60.1	319.5	62,300 *	66.9	326.2	79,000 *																90
95	57.9	316.5	58,900 *	64.8	323.9	76,000 *																95
100	55.6	313.1	55,700 *	62.7	321.4	72,900 *	66.7	324.5	74,000 *													100
105	53.2	309.5	52,500 *	60.5	318.7	67,500 *	64.6	322.2	69,500													105
110	50.8	305.5	49,500 *	58.3	315.6	62,300 *	62.4	319.6	65,300													110
115	48.3	301.2	46,300 *	56.0	312.4	57,700 *	60.3	316.9	61,500													115
120	45.6	296.4	43,500 *	53.6	308.8	53,700 *	58.0	313.8	58,000													120
130	40.0	285.4	38,500 *	48.7	300.6	46,900 *	53.4	306.9	52,000	60.5	313.6	45,800										130
140	33.5	271.8	34,300 *	43.3	290.8	41,300 *	48.4	298.6	46,500 *	56.0	307.3	41,200										140
150	25.6	253.8	30,800 *	37.4	278.8	36,700 *	43.0	288.7	41,000 *	51.2	299.8	37,200										150
160	14.1	225.3	26,100 *	30.4	263.6	32,800 *	37.0	276.5	36,500 *	46.0	290.8	33,700	53.7	298.9	28,900							160
170				21.6	242.7	29,500 *	30.0	261.2	32,600 *	40.4	280.0	30,700	48.7	290.7	26,200							170
180				1.8	192.2	22,800 *	21.0	239.7	29,300 *	34.0	266.6	28,000	43.4	280.9	23,800	51.1	288.5	19,700				180
190										26.3	249.0	25,600	37.4	268.9	21,700	45.9	279.5	17,800				190
200										15.3	222.0	23,400	30.5	253.8	19,700	40.3	268.6	16,100				200
210													21.6	232.9	17,900	33.9	255.1	14,500	42.6	265.8	11,200	210
220													2.5	184.1	16,200	26.1	237.5	13,100	36.6	253.5	10,000	220
230																14.9	210.0	11,700	29.5	237.9	8,800	230
240																			20.2	215.8	7,700	240



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

180 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.7	344.8	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	79,900 *																85
90	62.2	331.0	59,900 *	68.5	337.1	77,000 *																90
95	60.1	328.2	57,000 *	66.5	335.0	74,200 *																95
100	58.0	325.1	54,100 *	64.5	332.6	71,500 *																100
105	55.9	321.8	51,300 *	62.5	330.1	67,000 *	66.3	333.2	68,800													105
110	53.7	318.2	48,600 *	60.5	327.3	61,800 *	64.3	330.9	64,600													110
115	51.4	314.4	45,800 *	58.4	324.3	57,200 *	62.3	328.3	60,800													115
120	49.1	310.1	42,900 *	56.2	321.1	53,200 *	60.2	325.5	57,300													120
130	44.1	300.5	38,000 *	51.8	313.7	46,300 *	56.0	319.2	51,300	62.5	325.0	45,000										130
140	38.6	289.0	33,800 *	47.0	305.0	40,800 *	51.5	311.7	46,000 *	58.4	319.2	40,400										140
150	32.4	274.7	30,200 *	41.9	294.6	36,200 *	46.8	302.9	40,500 *	54.0	312.4	36,400										150
160	24.8	256.0	27,200 *	36.1	282.1	32,300 *	41.6	292.5	35,900 *	49.4	304.4	33,000	56.3	311.2	28,100							160
170	13.6	226.5	23,100 *	29.4	266.3	28,900 *	35.8	279.8	32,100 *	44.5	294.9	30,000	51.8	303.8	25,400							170
180				20.9	244.5	26,100 *	29.0	263.7	28,800 *	39.1	283.5	27,300	47.1	295.1	23,000							180
190				1.7	192.3	20,100 *	20.3	241.5	25,900 *	32.9	269.5	25,000	41.9	284.7	20,900	49.3	293.1	17,000				190
200										25.4	251.3	22,800	36.2	272.2	19,000	44.4	283.6	15,300				200
210										14.8	223.2	20,800	29.5	256.4	17,300	38.9	272.2	13,800	46.4	280.2	10,300	210
220													20.9	234.7	15,700	32.7	258.1	12,400	41.2	269.6	9,100	220
230													2.4	184.2	14,000	25.2	239.7	11,100	35.4	256.7	8,000	230
240																14.4	211.3	9,800	28.5	240.4	7,000	240
250																			19.5	217.5	6,000	250



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	74,100 *																90
95	62.1	339.7	54,900 *	68.0	345.8	71,600 *																95
100	60.1	336.9	52,400 *	66.1	343.7	69,200 *																100
105	58.1	333.8	49,900 *	64.3	341.3	66,700 *	67.8	344.1	67,000 *													105
110	56.1	330.5	47,400 *	62.4	338.8	61,500 *	65.9	341.9	64,200													110
115	54.1	327.0	45,100 *	60.4	336.0	56,900 *	64.1	339.6	60,400													115
120	51.9	323.2	42,600 *	58.5	333.0	52,900 *	62.2	337.0	56,900													120
130	47.5	314.6	37,600 *	54.4	326.2	46,000 *	58.3	331.1	50,900													130
140	42.7	304.4	33,500 *	50.1	318.4	40,500 *	54.2	324.3	45,700 *	60.4	330.9	40,000										140
150	37.4	292.4	29,900 *	45.6	309.2	35,800 *	49.9	316.4	40,200 *	56.4	324.7	36,000										150
160	31.4	277.5	26,900 *	40.6	298.3	32,000 *	45.3	307.1	35,600 *	52.3	317.4	32,600										160
170	24.0	258.1	24,200 *	35.0	285.2	28,600 *	40.3	296.2	31,800 *	47.8	308.9	29,600	54.4	316.4	25,000							170
180	13.2	227.6	20,500 *	28.5	268.8	25,800 *	34.7	282.9	28,500 *	43.1	298.9	27,000	50.2	308.5	22,600							180
190				20.2	246.3	23,200 *	28.1	266.2	25,600 *	37.8	287.0	24,600	45.6	299.3	20,500	52.2	306.1	16,600				190
200				1.7	192.4	17,900 *	19.6	243.2	23,100 *	31.9	272.4	22,500	40.6	288.5	18,600	47.7	297.6	14,900				200
210										24.7	253.4	20,500	35.0	275.4	16,900	43.0	287.5	13,400				210
220										14.3	224.5	18,700	28.6	259.0	15,400	37.7	275.6	12,000	45.0	284.4	8,700	220
230													20.3	236.5	13,900	31.7	260.9	10,700	39.9	273.3	7,600	230
240													2.3	184.4	12,400	24.5	241.8	9,500	34.3	259.8	6,600	240
250																14.0	212.5	8,400	27.6	242.9	5,700	250
260																18.9	219.1	4,800				260



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

180 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.7	364.2	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	68,400 *																90
95	63.7	350.9	52,500 *	69.3	356.6	67,600 *																95
100	61.9	348.3	50,300 *	67.5	354.6	66,500 *																100
105	60.1	345.5	48,200 *	65.8	352.4	64,400 *																105
110	58.3	342.5	46,000 *	64.0	350.0	60,900 *	67.3	352.9	62,300 *													110
115	56.4	339.2	43,900 *	62.2	347.4	56,400 *	65.6	350.6	59,700													115
120	54.4	335.7	41,800 *	60.4	344.6	52,300 *	63.8	348.2	56,200													120
130	50.4	327.9	37,100 *	56.7	338.4	45,500 *	60.2	342.8	50,200													130
140	46.1	318.8	32,900 *	52.8	331.2	39,900 *	56.5	336.6	45,100 *	62.2	342.3	39,200										140
150	41.4	308.2	29,400 *	48.6	322.9	35,300 *	52.5	329.3	39,600 *	58.5	336.6	35,300										150
160	36.3	295.7	26,300 *	44.2	313.3	31,400 *	48.4	320.9	35,100 *	54.7	329.9	31,900										160
170	30.5	280.2	23,700 *	39.4	301.9	28,100 *	43.9	311.2	31,200 *	50.7	322.1	28,900	56.7	328.5	24,200							170
180	23.3	260.2	21,400 *	34.0	288.3	25,200 *	39.1	299.7	27,900 *	46.4	313.2	26,300	52.8	321.4	21,900							180
190	12.8	228.7	18,000 *	27.7	271.3	22,700 *	33.7	285.9	25,100 *	41.8	302.7	23,900	48.6	313.1	19,800							190
200				19.6	248.0	20,500 *	27.3	268.7	22,600 *	36.7	290.3	21,800	44.2	303.4	17,900	50.6	310.9	14,100				200
210				1.6	192.5	15,700 *	19.1	244.9	20,400 *	30.9	275.2	19,900	39.4	292.1	16,200	46.3	301.9	12,600				210
220										23.9	255.6	18,200	34.0	278.4	14,600	41.7	291.4	11,200				220
230										13.9	225.7	16,500	27.7	261.4	13,200	36.6	278.9	10,000	43.6	288.4	6,800	230
240													19.7	238.2	11,900	30.8	263.7	8,800	38.7	276.8	5,800	240
250													2.2	184.5	10,500	23.8	243.9	7,700	33.3	262.8	4,900	250
260																13.6	213.6	6,700	26.8	245.2	4,000	260



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	62,500 *																95
100	63.5	359.6	48,200 *	68.8	365.4	61,800 *																100
105	61.8	357.0	46,300 *	67.2	363.3	60,400 *																105
110	60.1	354.2	44,400 *	65.5	361.1	58,300 *																110
115	58.3	351.2	42,600 *	63.8	358.7	56,100 *	67.0	361.6	58,200 *													115
120	56.6	347.9	40,700 *	62.1	356.1	52,700 *	65.3	359.3	55,600													120
130	52.8	340.7	37,100 *	58.6	350.3	45,700 *	61.9	354.3	49,600													130
140	48.9	332.5	32,800 *	55.0	343.7	40,000 *	58.4	348.5	44,500													140
150	44.8	323.0	29,200 *	51.2	336.1	35,200 *	54.8	341.8	39,700 *	60.4	348.2	34,600										150
160	40.3	311.9	26,100 *	47.2	327.3	31,300 *	51.0	334.1	35,000 *	56.8	342.0	31,200										160
170	35.3	298.8	23,400 *	42.9	317.2	27,900 *	47.0	325.3	31,100 *	53.1	334.9	28,300										170
180	29.6	282.9	21,000 *	38.3	305.4	25,000 *	42.7	315.1	27,700 *	49.2	326.8	25,700	55.0	333.8	21,200							180
190	22.7	262.2	18,900 *	33.0	291.3	22,400 *	38.0	303.2	24,800 *	45.1	317.4	23,300	51.3	326.2	19,100							190
200	12.5	229.8	15,800 *	26.9	273.7	20,200 *	32.7	288.9	22,300 *	40.6	306.4	21,200	47.3	317.5	17,300							200
210				19.1	249.7	18,200 *	26.6	271.0	20,000 *	35.7	293.5	19,300	43.0	307.4	15,600	49.1	315.5	11,900				210
220				1.5	192.6	13,700 *	18.6	246.5	18,100 *	30.1	277.8	17,600	38.3	295.5	14,000	45.0	306.0	10,600				220
230										23.3	257.6	16,000	33.1	281.4	12,600	40.5	295.1	9,300	46.7	302.6	6,100	230
240										13.5	226.8	14,500	27.0	263.8	11,300	35.6	282.1	8,200	42.4	292.3	5,100	240
250													19.1	239.9	10,100	30.0	266.4	7,100	37.7	280.2	4,200	250
260													2.2	184.7	8,900	23.1	246.0	6,200				260
270																13.2	214.8	5,200				270

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

180 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.7	383.5	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	56,100 *													100
105	63.4	368.3	44,200 *	68.4	374.2	54,200 *													105
110	61.7	365.7	42,600 *	66.8	372.1	52,100 *													110
115	60.1	362.8	41,000 *	65.2	369.8	50,000 *													115
120	58.4	359.8	39,400 *	63.6	367.4	47,800 *	66.6	370.3	51,300 *										120
130	55.0	353.2	36,200 *	60.4	362.0	43,600 *	63.5	365.6	47,300 *										130
140	51.4	345.6	32,300 *	57.0	355.8	39,400 *	60.2	360.2	43,300 *										140
150	47.6	336.9	28,600 *	53.5	348.8	34,700 *	56.8	353.9	39,100 *	62.0	359.7	33,900							150
160	43.6	327.0	25,500 *	49.8	340.8	30,700 *	53.3	346.9	34,400 *	58.7	353.9	30,500							160
170	39.2	315.5	22,800 *	46.0	331.6	27,300 *	49.6	338.8	30,500 *	55.3	347.3	27,500							170
180	34.4	301.9	20,500 *	41.8	321.1	24,400 *	45.7	329.6	27,200 *	51.7	339.8	24,900	57.0	345.9	20,400				180
190	28.8	285.5	18,400 *	37.3	308.8	21,900 *	41.5	318.9	24,300 *	47.9	331.2	22,600	53.5	338.9	18,300				190
200	22.1	264.1	16,300 *	32.2	294.2	19,600 *	37.0	306.5	21,700 *	43.9	321.4	20,500	49.9	330.9	16,500				200
210	12.1	230.9	13,700 *	26.2	276.0	17,600 *	31.9	291.7	19,500 *	39.5	310.0	18,700	46.0	321.7	14,800	51.6	328.5	11,100	210
220				18.6	251.3	15,800 *	25.9	273.3	17,500 *	34.8	296.7	16,900	41.8	311.2	13,300	47.8	319.9	9,800	220
230				1.5	192.6	11,800 *	18.1	248.1	15,700 *	29.3	280.5	15,400	37.3	298.9	11,900	43.8	310.1	8,500	230
240										22.7	259.6	13,900	32.2	284.3	10,600	39.4	298.7	7,400	240
250										13.2	228.0	12,600	26.3	266.2	9,500	34.6	285.3	6,400	250
260													18.6	241.5	8,400	29.2	269.0	5,400	260
270													2.1	184.8	7,200	22.5	248.0	4,500	270



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
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	123,900 * c																60
65	44.9	248.6	101,500 *	62.2	260.0	117,500 * b																65
70	38.7	242.8	92,100 *	57.5	257.0	111,500 * b	66.8	260.9	119,100 * c													70
75	31.3	235.4	83,500 *	52.4	253.3	106,100 * b	62.2	258.4	112,500 * b													75
80	21.8	224.9	76,300 *	46.9	248.9	100,500 *	57.4	255.4	104,200 b													80
85				40.9	243.5	93,200 *	52.3	251.7	96,400 b													85
90				34.0	236.7	86,400 *	46.9	247.3	89,600													90
95				25.5	227.6	78,700 *	40.8	241.9	83,600	58.7	252.5	75,300 b										95
100				12.0	211.9	72,100 *	33.9	235.1	78,200	53.7	249.0	70,500 b										100
105							25.4	225.9	73,400	48.4	244.8	66,200										105
110							11.7	210.1	68,900	42.5	239.7	62,300										110
115										35.9	233.4	58,700	54.7	244.6	52,200 b							115
120										27.9	225.0	55,500	49.4	240.5	49,300							120
130													37.3	229.6	44,200							130
140													19.3	210.1	39,800							140
150																44.2	229.6	34,900				150
160																30.4	216.0	31,500				160
170																			37.6	215.6	24,400	170
																			20.0	196.6	22,100	



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
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	120,300 * c																60
65	51.8	262.2	98,800 *	66.0	271.2	114,400 * b																65
70	47.0	257.8	93,300 *	62.0	268.7	108,700 * b																70
75	41.8	252.5	84,500 *	57.8	265.7	103,500 * b	65.9	269.6	109,200 * b													75
80	36.0	246.1	77,100 *	53.4	262.1	98,700 *	61.9	267.1	103,400 * b													80
85	29.2	238.0	70,700 *	48.7	257.9	92,800 *	57.7	264.1	95,700 b													85
90	20.3	226.7	65,200 *	43.7	253.0	86,400 *	53.3	260.5	88,900													90
95				38.1	247.0	79,500 *	48.7	256.3	82,900	63.0	264.1	74,400 b										95
100				31.7	239.6	72,800 *	43.6	251.4	77,600	58.9	261.2	69,600 b										100
105				23.7	229.7	67,100 *	38.0	245.4	72,900	54.5	257.8	65,300										105
110				11.1	212.8	62,000 *	31.6	237.9	68,600	50.0	253.8	61,500										110
115							23.6	228.0	64,600	45.0	249.0	58,000										115
120							10.9	210.9	60,900	39.6	243.4	54,800	55.4	253.3	48,400							120
130										26.0	227.3	49,100	46.0	244.9	43,400							130
140													34.7	232.7	39,100	51.3	243.3	33,900				140
150													18.0	211.7	35,300	41.2	233.4	30,600				150
160																28.3	218.5	27,700	46.3	230.8	23,500	160
170																			35.1	218.7	21,200	170
180																			18.6	198.2	19,100	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
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	109,500 * ^b																65
70	52.8	271.0	90,900 *	65.3	279.9	104,400 * ^b																70
75	48.6	266.8	84,400 *	61.7	277.3	99,600 * ^b																75
80	44.2	261.9	77,200 *	58.0	274.3	95,100 *	65.3	278.3	101,600 * ^b													80
85	39.3	256.1	70,900 *	54.2	270.9	91,000 *	61.7	275.7	95,000													85
90	33.9	249.2	65,400 *	50.1	266.9	86,000 *	58.0	272.7	88,300													90
95	27.5	240.4	60,500 *	45.7	262.2	79,700 *	54.1	269.3	82,400													95
100	19.1	228.3	56,300 *	41.0	256.8	73,000 *	50.0	265.2	77,100	62.7	272.7	69,000 ^b										100
105				35.8	250.3	67,200 *	45.7	260.6	72,400	59.0	269.8	64,700										105
110				29.8	242.3	62,200 *	41.0	255.1	68,100	55.2	266.5	60,900										110
115				22.3	231.6	57,700 *	35.7	248.6	64,300	51.2	262.6	57,400										115
120				10.4	213.7	53,800 *	29.7	240.6	60,700	46.9	258.2	54,200										120
130							10.2	211.8	53,700 *	37.2	246.8	48,700	51.9	258.3	42,700							130
140										24.5	229.5	43,900	43.2	248.9	38,500							140
150													32.6	235.6	34,900	48.1	247.8	30,000				150
160													16.9	213.1	31,600	38.7	236.9	27,200				160
170																26.6	220.8	24,600	43.5	234.8	20,600	170
180																			33.0	221.7	18,600	180
190																			17.5	199.7	16,800	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
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	106,200 *b																65
70	57.1	283.3	87,800 *	67.9	290.9	101,500 *b																70
75	53.5	279.8	81,900 *	64.8	288.6	97,100 *																75
80	49.9	275.7	76,300 *	61.6	286.0	92,800 *	67.9	289.3	98,300 *b													80
85	45.9	271.1	70,700 *	58.2	283.0	88,800 *	64.8	287.0	93,700 *													85
90	41.8	265.7	65,200 *	54.8	279.6	85,100 *	61.5	284.4	87,500													90
95	37.2	259.5	60,400 *	51.1	275.7	79,600 *	58.2	281.4	81,600													95
100	32.0	252.0	56,100 *	47.3	271.3	72,900 *	54.7	278.0	76,400													100
105	26.0	242.7	52,300 *	43.2	266.2	67,000 *	51.1	274.1	71,700	62.4	281.4	63,800										105
110	18.1	229.9	48,900 *	38.8	260.3	62,000 *	47.3	269.7	67,400	59.1	278.5	60,000										110
115				33.9	253.3	57,600 *	43.2	264.6	63,600	55.7	275.2	56,500										115
120				28.2	244.8	53,600 *	38.7	258.7	60,100	52.1	271.5	53,400										120
130				9.8	214.5	46,900 *	28.1	243.1	53,600 *	44.3	262.3	47,900	56.3	270.7	41,800							130
140							9.6	212.6	46,900 *	35.2	250.0	43,200	49.1	262.9	37,600							140
150										23.2	231.5	39,100	40.8	252.6	34,000							150
160													30.9	238.4	30,900	45.5	252.1	26,200				160
170													16.0	214.5	28,000	36.6	240.3	23,800				170
180																25.2	223.1	21,600	41.1	238.6	17,700	180
190																			31.2	224.5	16,000	190
200																			16.6	201.1	14,300	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.6	305.8	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	98,800 *b																70
75	57.3	292.0	79,300 *	67.2	299.6	94,700 *																75
80	54.2	288.5	74,200 *	64.4	297.3	90,700 *																80
85	50.8	284.6	69,300 *	61.4	294.6	86,900 *	67.2	298.0	91,000 *													85
90	47.4	280.1	64,800 *	58.4	291.7	83,400 *	64.3	295.7	86,800													90
95	43.7	275.1	60,600 *	55.3	288.3	79,400	61.4	293.1	80,900													95
100	39.7	269.4	56,600 *	52.0	284.5	74,400 *	58.4	290.1	75,700													100
105	35.4	262.7	53,000 *	48.6	280.3	68,500 *	55.2	286.7	71,000													105
110	30.5	254.8	49,700 *	45.0	275.5	63,300 *	52.0	282.9	66,800	62.2	290.1	59,200										110
115	24.7	244.9	46,900 *	41.1	270.0	58,800 *	48.5	278.7	63,000	59.2	287.2	55,800										115
120	17.2	231.4	44,100 *	36.9	263.7	54,800 *	44.9	273.9	59,500	56.1	283.9	52,700										120
130				26.8	247.1	48,000 *	36.8	262.0	53,400	49.5	276.1	47,200										130
140				9.4	215.3	41,400 *	26.8	245.5	48,000 *	42.1	266.2	42,500	53.5	275.8	36,900							140
150							9.2	213.3	42,400 *	33.5	253.0	38,500	46.6	267.3	33,300							150
160										22.0	233.4	35,000	38.8	256.2	30,200	50.4	265.7	25,500				160
170													29.4	241.0	27,500	43.2	256.1	23,100				170
180													15.2	215.8	25,000	34.8	243.4	20,900	46.8	253.2	16,900	180
190																24.0	225.2	19,000	39.1	242.2	15,300	190
200																			29.7	227.2	13,700	200
210																			15.8	202.4	12,300	210

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.9	316.2	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	91,900 *																75
80	57.6	300.7	71,800 *	66.7	308.3	88,200 *																80
85	54.7	297.2	67,400 *	64.0	306.0	84,600 *																85
90	51.7	293.4	63,200 *	61.3	303.3	81,300 *	66.6	306.7	84,200 *													90
95	48.5	289.1	59,300 *	58.5	300.3	78,200 *	64.0	304.4	80,200													95
100	45.2	284.3	55,600 *	55.7	297.0	74,000	61.3	301.7	74,900													100
105	41.7	279.0	52,100 *	52.7	293.3	68,100 *	58.5	298.7	70,300													105
110	37.9	272.8	48,900 *	49.6	289.2	62,900 *	55.6	295.4	66,100													110
115	33.8	265.7	46,000 *	46.4	284.6	58,400 *	52.7	291.7	62,300	62.0	298.7	54,900										115
120	29.1	257.4	43,300 *	42.9	279.4	54,400 *	49.6	287.6	58,800	59.3	295.8	51,800										120
130	16.4	232.8	38,800 *	35.2	266.9	47,500 *	42.9	277.8	52,800	53.5	289.0	46,400										130
140				25.6	249.4	42,000 *	35.2	265.2	47,500 *	47.2	280.6	41,800	57.0	288.1	36,000							140
150				8.9	216.0	36,600 *	25.6	247.7	42,000 *	40.2	269.9	37,800	51.0	280.7	32,500							150
160							8.7	214.1	37,300 *	32.0	255.8	34,400	44.5	271.4	29,400							160
170										21.1	235.3	31,300	37.1	259.6	26,700	48.1	270.2	22,200				170
180													28.1	243.5	24,300	41.3	259.9	20,100				180
190													14.5	217.0	22,100	33.3	246.4	18,200	44.7	257.3	14,400	190
200																22.9	227.2	16,500	37.3	245.5	12,900	200
210																			28.4	229.7	11,500	210
220																			15.0	203.7	10,200	220



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.7	325.2	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	89,200 *																75
80	60.3	312.4	69,400 *	68.5	319.2	85,800 *																80
85	57.8	309.3	65,400 *	66.1	317.0	82,600 *																85
90	55.1	306.0	61,600 *	63.7	314.6	79,400 *																90
95	52.3	302.2	58,000 *	61.2	312.0	76,400 *	66.1	315.5	78,300 *													95
100	49.5	298.1	54,500 *	58.6	309.0	73,600 *	63.7	313.0	74,600													100
105	46.5	293.5	51,300 *	56.0	305.7	68,700 *	61.2	310.4	69,900													105
110	43.3	288.3	48,200 *	53.3	302.1	63,400 *	58.6	307.4	65,700													110
115	40.0	282.6	45,400 *	50.5	298.1	58,800 *	56.0	304.1	61,900													115
120	36.4	276.1	42,800 *	47.5	293.7	54,700 *	53.3	300.5	58,500	61.9	307.4	51,400										120
130	27.9	259.8	38,100 *	41.1	283.2	47,700 *	47.5	292.1	52,500	56.7	301.3	46,000										130
140	15.8	234.2	34,400 *	33.8	269.9	42,100 *	41.1	281.6	47,400	51.2	293.9	41,500										140
150				24.6	251.6	37,500 *	33.8	268.3	42,100 *	45.2	284.8	37,500	54.5	293.3	32,100							150
160				8.6	216.7	32,800 *	24.5	249.9	37,500 *	38.6	273.4	34,100	48.9	285.3	29,100							160
170							8.4	214.7	33,500 *	30.7	258.6	31,100	42.6	275.3	26,400	52.0	283.3	21,800				170
180										20.2	237.0	28,400	35.6	262.8	24,000	46.1	274.5	19,800				180
190													26.9	245.9	21,900	39.6	263.5	17,900				190
200													13.9	218.2	19,900	31.9	249.3	16,200	42.8	261.3	12,600	200
210																22.0	229.1	14,600	35.8	248.8	11,200	210
220																			27.2	232.1	10,000	220
230																			14.4	205.0	8,800	230



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.9	335.5	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	83,100 *																80
85	60.3	321.1	63,200 *	68.0	327.9	80,100 *																85
90	57.9	318.0	59,800 *	65.7	325.7	77,300 *																90
95	55.5	314.7	56,500 *	63.4	323.3	74,400 *	67.9	326.4	75,600 *													95
100	52.9	311.0	53,300 *	61.1	320.6	71,700 *	65.7	324.2	72,800 *													100
105	50.3	307.0	50,300 *	58.7	317.7	68,200 *	63.4	321.7	69,200													105
110	47.5	302.5	47,400 *	56.3	314.4	62,900 *	61.1	319.0	65,000													110
115	44.7	297.6	44,700 *	53.8	310.9	58,300 *	58.7	316.1	61,200													115
120	41.7	292.2	42,200 *	51.2	306.9	54,200 *	56.3	312.8	57,800													120
130	35.0	279.3	37,600 *	45.7	297.9	47,300 *	51.2	305.3	51,800	59.4	313.2	45,200										130
140	26.9	262.2	33,800 *	39.6	286.8	41,700 *	45.6	296.3	46,700	54.4	306.5	40,700										140
150	15.2	235.5	30,700 *	32.5	272.8	37,000 *	39.5	285.2	41,600 *	49.2	298.5	36,800	57.4	305.5	31,300							150
160				23.7	253.7	33,100 *	32.5	271.2	37,000 *	43.5	288.8	33,400	52.4	298.3	28,300							160
170				8.2	217.4	29,100 *	23.6	252.0	33,100 *	37.1	276.8	30,400	47.0	289.6	25,600							170
180							8.0	215.4	29,700 *	29.5	261.2	27,700	41.0	279.1	23,300	50.0	288.0	18,900				180
190										19.4	238.7	25,300	34.2	265.9	21,200	44.3	278.6	17,100				190
200													25.9	248.2	19,300	38.0	266.9	15,400	47.1	275.5	11,700	200
210													13.4	219.4	17,500	30.7	252.0	13,900	41.2	265.0	10,400	210
220																21.1	231.0	12,500	34.4	251.9	9,200	220
230																			26.2	234.4	8,100	230
240																			13.9	206.2	7,000	240



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.8	344.5	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	76,400 *																85
90	60.3	329.7	57,800 *	67.4	336.7	73,800 *																90
95	58.1	326.7	54,900 *	65.3	334.4	71,200 *																95
100	55.8	323.4	52,000 *	63.2	332.0	68,800 *	67.4	335.1	71,200 *													100
105	53.4	319.8	49,200 *	61.0	329.3	66,500 *	65.3	332.9	68,500													105
110	51.0	315.8	46,600 *	58.8	326.3	63,500 *	63.2	330.4	64,300													110
115	48.4	311.5	44,000 *	56.6	323.1	58,800 *	61.0	327.7	60,500													115
120	45.8	306.8	41,600 *	54.2	319.6	54,600 *	58.8	324.7	57,100													120
130	40.2	295.9	37,300 *	49.3	311.6	47,600 *	54.2	318.0	51,100	61.6	324.7	44,500										130
140	33.7	282.3	33,500 *	44.0	302.0	41,900 *	49.3	310.0	46,100	57.1	318.7	40,000										140
150	25.9	264.5	30,300 *	38.2	290.3	37,200 *	44.0	300.4	41,700	52.4	311.5	36,100										150
160	14.6	236.7	26,500 *	31.4	275.6	33,200 *	38.1	288.7	37,200 *	47.4	302.9	32,700	55.3	310.8	27,500							160
170				22.8	255.7	29,900 *	31.3	274.0	33,200 *	41.9	292.6	29,700	50.5	303.1	24,900							170
180				7.9	218.0	25,000 *	22.8	254.0	29,800 *	35.8	280.0	27,100	45.3	293.8	22,600							180
190							7.8	216.1	25,800 *	28.5	263.8	24,800	39.5	282.7	20,500	48.1	292.5	16,300				190
200										18.8	240.4	22,600	33.0	268.8	18,600	42.7	282.5	14,700				200
210													25.0	250.4	16,900	36.7	270.3	13,200	45.4	279.8	9,600	210
220													12.9	220.5	15,300	29.6	254.7	11,900	39.7	268.7	8,500	220
230																20.4	232.8	10,600	33.2	254.9	7,400	230
240																			25.2	236.6	6,400	240
250																			13.4	207.3	5,400	250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.8	354.9	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	73,800 *																85
90	62.3	341.2	55,600 *	68.9	347.5	71,500 *																90
95	60.3	338.4	53,000 *	67.0	345.4	69,200 *																95
100	58.2	335.4	50,400 *	65.0	343.1	66,900 *																100
105	56.0	332.1	47,900 *	63.0	340.7	64,700 *	67.0	343.8	66,200 *													105
110	53.8	328.5	45,500 *	61.0	337.9	62,600 *	65.0	341.6	63,600													110
115	51.6	324.6	43,100 *	58.9	335.0	58,300 *	63.0	339.1	59,800													115
120	49.2	320.4	40,900 *	56.8	331.8	54,100 *	61.0	336.4	56,400													120
130	44.3	310.9	36,800 *	52.4	324.6	47,100 *	56.8	330.2	50,400													130
140	38.8	299.4	33,100 *	47.6	316.0	41,400 *	52.3	323.0	45,400	59.4	330.5	39,200										140
150	32.6	285.3	29,900 *	42.5	305.9	36,700 *	47.6	314.4	41,100	55.2	323.9	35,300										150
160	25.1	266.8	27,300 *	36.9	293.7	32,700 *	42.5	304.3	36,700 *	50.6	316.3	32,000	57.7	322.8	26,700							160
170	14.2	238.0	23,400 *	30.3	278.4	29,300 *	36.9	292.0	32,700 *	45.8	307.2	29,000	53.4	315.8	24,100							170
180				22.1	257.6	26,400 *	30.3	276.7	29,300 *	40.5	296.3	26,400	48.7	307.6	21,800							180
190				7.7	218.7	22,100 *	22.0	255.9	26,400 *	34.6	283.1	24,100	43.7	297.9	19,700	51.3	305.7	15,500				190
200							7.5	216.7	22,800 *	27.6	266.2	22,000	38.2	286.2	17,900	46.5	296.9	13,900				200
210										18.1	241.9	20,000	31.9	271.7	16,200	41.3	286.3	12,400				210
220													24.2	252.6	14,700	35.5	273.5	11,100	43.9	283.8	7,600	220
230													12.5	221.5	13,200	28.6	257.2	9,900	38.4	272.2	6,600	230
240																19.7	234.5	8,700	32.1	257.8	5,600	240
250																			24.4	238.8	4,700	250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.9	363.9	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	68,400 *																90
95	62.2	349.9	51,000 *	68.4	356.3	67,000 *																95
100	60.3	347.1	48,700 *	66.6	354.1	65,000 *																100
105	58.3	344.0	46,500 *	64.7	351.8	63,000 *																105
110	56.3	340.8	44,300 *	62.8	349.3	61,100 *	66.6	352.6	61,800 *													110
115	54.2	337.2	42,200 *	60.9	346.6	58,000 *	64.7	350.3	59,400													115
120	52.1	333.4	40,100 *	59.0	343.7	53,800 *	62.8	347.7	56,000													120
130	47.7	324.9	36,300 *	54.9	337.0	46,800 *	58.9	342.1	50,000													130
140	42.9	314.8	32,800 *	50.7	329.3	41,100 *	54.9	335.4	45,000	61.4	342.0	38,800										140
150	37.6	302.8	29,700 *	46.1	320.3	36,400 *	50.6	327.7	40,700	57.5	336.0	34,900										150
160	31.6	288.1	27,000 *	41.2	309.7	32,400 *	46.1	318.7	36,400 *	53.4	329.0	31,600										160
170	24.3	268.9	24,300 *	35.7	296.9	29,000 *	41.2	308.1	32,400 *	49.0	320.9	28,600	55.9	328.2	23,700							170
180	13.7	239.1	20,800 *	29.4	281.0	26,100 *	35.7	295.3	29,000 *	44.4	311.3	26,000	51.6	320.7	21,400							180
190				21.4	259.5	23,500 *	29.4	279.3	26,100 *	39.3	299.9	23,700	47.2	312.0	19,400							190
200				7.4	219.3	19,700 *	21.4	257.8	23,500 *	33.5	286.1	21,700	42.4	301.8	17,500	49.7	310.4	13,500				200
210							7.3	217.3	20,300 *	26.7	268.6	19,800	37.0	289.6	15,900	45.0	301.1	12,000				210
220										17.6	243.5	18,000	30.9	274.5	14,300	40.0	290.0	10,700	47.3	297.9	7,200	220
230													23.4	254.6	13,000	34.4	276.6	9,500	42.5	287.7	6,200	230
240													12.1	222.6	11,600	27.8	259.7	8,400	37.2	275.5	5,200	240
250																19.1	236.1	7,400	31.1	260.6	4,400	250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.8	374.3	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	62,500 *																95
100	62.1	358.5	46,800 *	68.0	365.0	61,600 *																100
105	60.2	355.7	44,800 *	66.2	362.9	60,500 *																105
110	58.4	352.7	42,900 *	64.5	360.5	59,200 *	67.9	363.4	59,300 *													110
115	56.5	349.5	41,000 *	62.7	358.0	57,400 *	66.2	361.3	57,500 *													115
120	54.5	346.0	39,100 *	60.9	355.3	54,200 *	64.4	358.9	55,300													120
130	50.5	338.2	35,600 *	57.1	349.2	46,900 *	60.9	353.7	49,300													130
140	46.2	329.2	32,300 *	53.2	342.1	41,100 *	57.1	347.6	44,300													140
150	41.6	318.6	29,400 *	49.1	333.9	36,300 *	53.2	340.5	40,000	59.5	347.8	34,100										150
160	36.5	306.1	26,700 *	44.7	324.5	32,200 *	49.1	332.3	36,300 *	55.7	341.4	30,800										160
170	30.7	290.8	24,000 *	40.0	313.3	28,800 *	44.7	322.8	32,200 *	51.7	333.9	27,900	58.0	340.2	22,900							170
180	23.6	271.0	21,600 *	34.7	300.0	25,800 *	40.0	311.7	28,800 *	47.5	325.3	25,300	54.1	333.3	20,600							180
190	13.3	240.3	18,400 *	28.5	283.5	23,200 *	34.7	298.4	25,800 *	43.0	315.2	23,000	50.1	325.4	18,600							190
200				20.8	261.3	20,900 *	28.5	281.9	23,200 *	38.1	303.4	21,000	45.8	316.3	16,800	52.3	323.4	12,600				200
210				7.2	219.9	17,400 *	20.7	259.6	20,900 *	32.5	289.1	19,100	41.1	305.6	15,100	48.2	314.9	11,200				210
220							7.0	217.9	18,000 *	25.9	270.9	17,400	35.9	292.8	13,600	43.7	305.1	9,900				220
230										17.1	244.9	15,800	30.0	277.2	12,300	38.8	293.5	8,700	45.9	302.2	5,300	230
240													22.8	256.6	11,000	33.4	279.6	7,700	41.2	291.5	4,400	240
250													11.7	223.6	9,800	26.9	262.1	6,600				250
260																18.6	237.8	5,700				260



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.0	383.3	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	57,800 *													95
100	63.7	369.8	44,900 *	69.2	375.8	57,100 *													100
105	62.0	367.2	43,200 *	67.6	373.8	56,300 *													105
110	60.2	364.4	41,400 *	65.9	371.6	55,400 *													110
115	58.5	361.4	39,800 *	64.2	369.2	54,100 *	67.5	372.2	56,100 *										115
120	56.7	358.1	38,100 *	62.5	366.7	52,100 *	65.9	370.0	54,500 *										120
130	53.0	351.0	34,900 *	59.1	361.0	46,400 *	62.5	365.1	48,700										130
140	49.1	342.8	31,800 *	55.5	354.5	40,600 *	59.1	359.4	43,700										140
150	44.9	333.3	29,100 *	51.7	347.0	35,800 *	55.5	352.9	39,400	61.3	359.4	33,500							150
160	40.4	322.3	26,200 *	47.7	338.4	31,700 *	51.7	345.4	35,700	57.8	353.4	30,200							160
170	35.5	309.3	23,500 *	43.5	328.5	28,300 *	47.7	336.8	31,700 *	54.1	346.5	27,300							170
180	29.8	293.5	21,100 *	38.9	316.9	25,300 *	43.5	326.9	28,300 *	50.3	338.6	24,700	56.3	345.6	19,900				180
190	23.0	273.0	19,000 *	33.7	303.1	22,700 *	38.8	315.3	25,300 *	46.2	329.6	22,400	52.6	338.3	17,900				190
200	12.9	241.4	16,100 *	27.8	286.0	20,400 *	33.7	301.4	22,700 *	41.8	319.1	20,400	48.7	330.0	16,100				200
210				20.2	263.1	18,400 *	27.7	284.3	20,400 *	37.0	306.8	18,500	44.5	320.4	14,500	50.8	328.1	10,500	210
220				7.0	220.5	15,200 *	20.2	261.4	18,400 *	31.6	291.9	16,800	39.9	309.2	13,000	46.8	319.3	9,300	220
230							6.8	218.4	15,800 *	25.2	273.1	15,300	34.9	296.0	11,700	42.5	309.0	8,100	230
240										16.6	246.4	13,800	29.2	279.8	10,400	37.7	297.0	7,000	240
250													22.1	258.6	9,200	32.4	282.5	6,000	250
260													11.4	224.6	8,100	26.2	264.4	5,100	260
270																18.1	239.3	4,200	270

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

190 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.8	393.6	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	52,800 *													100
105	63.5	378.5	41,200 *	68.7	384.6	52,300 *													105
110	61.9	375.8	39,800 *	67.2	382.5	51,600 *													110
115	60.2	373.0	38,300 *	65.6	380.3	49,800 *													115
120	58.5	370.0	36,800 *	64.0	377.9	47,800 *	67.2	380.9	51,000 *										120
130	55.1	363.4	33,900 *	60.8	372.6	43,800 *	64.0	376.3	47,500 *										130
140	51.5	355.9	31,100 *	57.4	366.5	39,800 *	60.8	371.0	43,000										140
150	47.7	347.2	28,600 *	53.9	359.6	35,200 *	57.4	364.9	38,700	62.8	370.7	32,700							150
160	43.7	337.4	25,600 *	50.3	351.7	31,200 *	53.9	358.0	35,000	59.6	365.1	29,400							160
170	39.4	325.9	22,900 *	46.4	342.7	27,700 *	50.3	350.1	31,200 *	56.2	358.8	26,500							170
180	34.6	312.5	20,600 *	42.3	332.4	24,700 *	46.4	341.1	27,700 *	52.6	351.5	24,000							180
190	29.1	296.1	18,500 *	37.8	320.3	22,100 *	42.3	330.7	24,700 *	48.9	343.2	21,700	54.7	350.8	17,100				190
200	22.4	275.0	16,400 *	32.8	306.0	19,900 *	37.8	318.7	22,100 *	45.0	333.7	19,700	51.1	343.1	15,300				200
210	12.6	242.5	13,900 *	27.0	288.4	17,800 *	32.8	304.4	19,900 *	40.7	322.8	17,800	47.3	334.4	13,700				210
220				19.7	264.8	16,000 *	27.0	286.7	17,800 *	36.1	310.0	16,200	43.3	324.4	12,300	49.4	332.8	8,400	220
230				6.8	221.0	13,200 *	19.6	263.1	16,000 *	30.8	294.7	14,600	38.9	312.7	10,900	45.5	323.5	7,300	230
240							6.7	219.0	13,700 *	24.6	275.3	13,200	34.0	299.0	9,700	41.3	312.8	6,200	240
250										16.2	247.8	11,900	28.4	282.3	8,600	36.7	300.3	5,300	250
260													21.6	260.5	7,500	31.6	285.3	4,400	260
270													11.1	225.5	6,500				270



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
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	123,400 * c																60
65	45.4	259.0	100,600 *	63.4	270.6	117,300 * b																65
70	39.1	253.3	93,000 *	58.6	267.7	110,500 * b																70
75	31.9	246.0	84,700 *	53.7	264.2	104,400 * b	63.8	269.2	108,100 * b													75
80	22.6	235.8	77,300 *	48.3	260.0	98,700 *	59.1	266.3	102,200 * b													80
85				42.4	254.9	92,600 *	54.1	262.9	95,100 b													85
90				35.8	248.5	86,200 *	48.8	258.8	88,400													90
95				27.8	240.1	80,500 *	43.0	253.8	82,500	61.2	263.7	73,500 b										95
100				16.4	227.1	74,100 *	36.5	247.5	77,200	56.3	260.6	68,800 b										100
105							28.6	239.3	72,400	51.2	256.8	64,600 b										105
110							17.7	227.0	68,100	45.6	252.2	60,800										110
115										39.5	246.5	57,300										115
120										32.3	239.3	54,100										120
130										4.8	207.5	48,300	53.1	252.8	47,500 b							130
140													41.8	243.3	42,600							140
150													26.8	228.0	38,300	49.1	242.8	32,900				150
160																36.8	231.6	29,700				160
170																18.4	211.6	26,800	44.0	230.2	22,400	170
																			30.1	216.5	20,300	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
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	119,500 * c																60
65	52.1	272.5	96,800 *	66.9	281.7	113,600 * b																65
70	47.4	268.1	89,800 *	63.0	279.2	107,400 * b																70
75	42.2	262.9	83,300 *	58.8	276.4	101,600 * b	67.3	280.3	104,700 * b													75
80	36.5	256.6	77,300 *	54.5	272.9	96,300 *	63.3	277.9	99,300 * b													80
85	29.7	248.6	71,100 *	49.9	268.9	91,300 *	59.2	275.0	94,200 * b													85
90	21.1	237.7	65,600 *	45.0	264.2	85,800 *	54.9	271.7	87,700													90
95				39.5	258.5	80,100 *	50.3	267.7	81,800													95
100				33.4	251.5	74,400 *	45.4	263.0	76,600	61.0	272.4	67,900 b										100
105				25.9	242.4	68,400 *	40.1	257.4	71,900	56.8	269.3	63,700										105
110				15.2	228.4	63,200 *	34.0	250.6	67,600	52.4	265.6	59,900										110
115							26.7	241.7	63,700	47.6	261.3	56,500										115
120							16.5	228.5	60,200	42.5	256.1	53,400										120
130										30.1	242.0	47,900	49.4	257.5	41,700							130
140										4.4	207.8	42,900	38.9	246.8	37,500							140
150													25.0	230.2	33,900	45.7	247.1	28,800				150
160																34.3	234.8	26,000				160
170																17.2	213.1	23,500	41.0	234.0	19,300	170
180																			28.0	219.0	17,400	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
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	108,900 * ^b																65
70	53.1	281.3	86,900 *	66.2	290.4	104,000 * ^b																70
75	48.9	277.1	80,900 *	62.6	287.9	99,000 * ^b																75
80	44.5	272.2	75,300 *	58.9	285.0	94,000 *	66.5	289.0	97,500 * ^b													80
85	39.7	266.5	70,100 *	55.1	281.7	89,300 *	63.0	286.5	92,700 * ^b													85
90	34.3	259.7	65,300 *	51.1	277.8	85,000 *	59.3	283.7	87,100													90
95	27.9	251.1	60,900 *	46.8	273.3	79,800 *	55.5	280.4	81,200													95
100	19.8	239.4	56,600 *	42.2	268.1	74,500 *	51.5	276.6	76,000													100
105				37.1	261.9	68,500 *	47.2	272.1	71,300	60.9	281.0	63,000										105
110				31.4	254.3	63,300 *	42.7	267.0	67,100	57.2	278.0	59,300										110
115				24.3	244.5	58,800 *	37.6	260.9	63,300	53.3	274.4	55,900										115
120				14.3	229.6	54,700 *	31.9	253.5	59,900	49.1	270.2	52,800										120
130							15.5	229.8	53,700	39.9	259.8	47,400	54.7	270.3	41,000							130
140										28.3	244.5	42,700	46.3	261.8	36,900							140
150										4.1	208.1	38,500	36.5	250.2	33,400	51.7	260.6	28,100				150
160													23.5	232.2	30,300	42.9	251.1	25,400				160
170																32.2	237.7	23,000	48.0	248.5	18,600	170
180																16.1	214.5	20,800	38.5	237.5	16,800	180
190																			26.4	221.3	15,100	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.2	305.5	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	100,900 *b																70
75	53.8	290.0	78,400 *	65.6	299.1	96,700 *																75
80	50.1	286.0	73,200 *	62.4	296.6	92,300 *																80
85	46.2	281.4	68,400 *	59.1	293.7	87,800 *	65.9	297.7	89,800 *													85
90	42.1	276.1	63,800 *	55.6	290.4	83,600 *	62.7	295.2	85,600 *													90
95	37.5	270.0	59,700 *	52.0	286.6	79,300 *	59.4	292.3	80,400													95
100	32.4	262.6	55,900 *	48.3	282.4	74,400 *	55.9	289.1	75,200													100
105	26.4	253.5	52,400 *	44.3	277.4	68,400 *	52.4	285.4	70,600													105
110	18.7	241.0	49,200 *	39.9	271.8	63,200 *	48.6	281.1	66,400	60.8	289.7	58,400										110
115				35.1	265.1	58,600 *	44.6	276.3	62,700	57.5	286.6	55,000										115
120				29.7	257.0	54,500 *	40.3	270.7	59,200	54.0	283.1	51,900										120
130				13.5	230.7	47,700 *	30.2	256.2	53,200	46.4	274.6	46,600										130
140							14.7	231.0	47,900	37.7	263.2	42,000	51.6	275.2	36,000							140
150										26.8	246.9	38,000	43.8	265.9	32,500							150
160										3.8	208.4	34,300	34.6	253.3	29,500	48.8	265.2	24,500				160
170										22.2	234.2	26,800				40.6	254.8	22,100				170
180																30.5	240.4	20,100	45.3	252.7	15,800	180
190																15.3	215.8	18,100	36.4	240.8	14,200	190
200																			24.9	223.5	12,700	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.8	315.9	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	98,000 *b																70
75	57.6	302.2	75,800 *	67.9	310.0	94,100 *																75
80	54.4	298.8	71,100 *	65.1	307.8	89,700 *																80
85	51.1	294.9	66,600 *	62.2	305.2	85,500 *																85
90	47.6	290.5	62,300 *	59.1	302.4	81,600 *	65.3	306.4	83,300 *													90
95	43.9	285.5	58,400 *	56.0	299.1	77,900 *	62.4	303.9	79,600 *													95
100	40.0	279.8	54,700 *	52.8	295.4	73,900 *	59.4	301.0	74,500													100
105	35.7	273.2	51,300 *	49.4	291.3	69,500 *	56.3	297.8	69,900													105
110	30.8	265.4	48,300 *	45.9	286.6	64,500 *	53.1	294.1	65,800													110
115	25.2	255.7	45,500 *	42.1	281.3	59,800 *	49.7	290.1	62,000	60.8	298.4	54,300										115
120	17.8	242.5	43,200 *	38.0	275.2	55,700 *	46.2	285.5	58,600	57.7	295.3	51,200										120
130				28.2	259.5	48,700 *	38.4	274.2	52,600	51.2	288.0	45,900										130
140				12.9	231.8	43,000 *	28.7	258.7	47,500	44.1	278.7	41,300	55.7	287.7	35,200							140
150							14.0	232.2	43,000	35.9	266.5	37,400	49.0	279.8	31,800							150
160										25.5	249.2	34,000	41.6	269.7	28,800							160
170										3.6	208.6	30,700	32.9	256.2	26,200	46.4	269.5	21,400				170
180													21.1	236.0	23,800	38.6	258.3	19,400				180
190																29.0	243.0	17,500	43.1	256.7	13,500	190
200																14.5	217.0	15,800	34.7	244.0	12,100	200
210																			23.7	225.6	10,700	210



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.6	324.8	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	90,800 *																75
80	57.8	310.9	68,700 *	67.3	318.8	86,900 *																80
85	54.9	307.5	64,600 *	64.7	316.5	83,100 *																85
90	51.9	303.7	60,700 *	62.0	313.9	79,300 *	67.5	317.3	80,600 *													90
95	48.7	299.4	57,100 *	59.2	311.0	75,900 *	64.9	315.1	77,200 *													95
100	45.4	294.7	53,600 *	56.4	307.8	72,600 *	62.2	312.5	73,800													100
105	42.0	289.3	50,400 *	53.4	304.2	69,000 *	59.5	309.7	69,200													105
110	38.2	283.3	47,400 *	50.4	300.2	64,700 *	56.6	306.5	65,000													110
115	34.1	276.3	44,600 *	47.2	295.7	60,000 *	53.7	302.9	61,300													115
120	29.5	268.0	42,100 *	43.8	290.7	55,800 *	50.7	298.9	57,900	60.7	307.0	50,400										120
130	17.0	244.0	37,900 *	36.3	278.5	48,700 *	44.1	289.5	51,900	55.0	300.6	45,100										130
140				27.0	261.9	42,900 *	36.6	277.5	46,900	48.9	292.6	40,600										140
150				12.3	232.8	38,100 *	27.5	261.2	42,500	42.1	282.6	36,700	53.1	292.8	30,900							150
160							13.3	233.4	38,300 *	34.3	269.6	33,300	46.8	284.2	28,000							160
170										24.3	251.3	30,300	39.8	273.4	25,400	50.8	282.9	20,500				170
180										3.4	208.8	27,400	31.4	259.1	23,100	44.3	273.6	18,500				180
190													20.2	237.8	20,900	36.8	261.7	16,700	48.0	270.8	12,600	190
200																27.7	245.4	15,100	41.1	260.5	11,200	200
210																13.9	218.2	13,500	33.1	247.0	9,900	210
220																			22.7	227.6	8,700	220



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.9	335.3	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	84,100 *																80
85	57.9	319.6	62,700 *	66.7	327.5	80,600 *																85
90	55.3	316.2	59,100 *	64.3	325.2	77,300 *																90
95	52.5	312.5	55,700 *	61.8	322.6	74,000 *	67.0	326.1	74,900 *													95
100	49.7	308.4	52,500 *	59.3	319.7	70,900 *	64.5	323.8	72,000 *													100
105	46.7	303.8	49,400 *	56.7	316.5	68,000 *	62.1	321.2	68,800 *													105
110	43.6	298.7	46,600 *	54.0	312.9	64,600 *	59.5	318.3	64,700 *													110
115	40.2	293.0	43,900 *	51.2	309.0	59,800 *	56.9	315.2	60,900 *													115
120	36.6	286.6	41,400 *	48.2	304.7	55,600 *	54.2	311.7	57,500 *													120
130	28.3	270.5	37,100 *	42.0	294.5	48,500 *	48.5	303.5	51,600 *	58.1	312.7	44,700 *										130
140	16.3	245.4	33,600 *	34.8	281.7	42,800 *	42.3	293.4	46,600 *	52.7	305.6	40,200 *										140
150				25.9	264.2	38,000 *	35.1	280.7	42,200 *	46.8	297.0	36,400 *	56.4	305.1	30,600 *							150
160				11.8	233.8	34,000 *	26.3	263.5	38,200 *	40.4	286.3	33,000 *	50.9	297.6	27,600 *							160
170							12.8	234.4	34,100 *	32.9	272.5	30,100 *	44.9	288.4	25,100 *							170
180										23.3	253.4	27,400 *	38.1	276.8	22,800 *	48.7	287.5	18,200 *				180
190										3.2	209.1	24,900 *	30.1	261.8	20,700 *	42.4	277.5	16,400 *				190
200													19.4	239.5	18,800 *	35.3	264.8	14,800 *	46.0	275.1	10,800 *	200
210																26.6	247.8	13,300 *	39.4	264.1	9,600 *	210
220																13.3	219.4	11,900 *	31.8	249.8	8,500 *	220
230																			21.8	229.5	7,400 *	230



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	76.0	345.6	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	80,700 *																80
85	60.5	331.3	60,500 *	68.5	338.4	78,000 *																85
90	58.1	328.2	57,300 *	66.3	336.2	75,400 *																90
95	55.6	324.9	54,300 *	64.0	333.9	72,600 *																95
100	53.1	321.3	51,300 *	61.7	331.2	69,700 *	66.5	334.8	70,400 *													100
105	50.5	317.2	48,500 *	59.3	328.3	66,900 *	64.2	332.4	67,700 *													105
110	47.7	312.8	45,800 *	56.9	325.2	64,200 *	61.9	329.8	63,900													110
115	44.9	308.0	43,200 *	54.4	321.7	59,400 *	59.5	327.0	60,200													115
120	41.9	302.6	40,900 *	51.8	317.9	55,200 *	57.1	323.8	56,800													120
130	35.2	289.8	36,600 *	46.4	309.0	48,000 *	52.1	316.6	50,900	60.6	324.3	43,900										130
140	27.2	272.9	32,900 *	40.4	298.2	42,300 *	46.6	307.8	45,900	55.7	318.0	39,400										140
150	15.7	246.8	30,000 *	33.4	284.7	37,500 *	40.6	297.2	41,600	50.6	310.4	35,600										150
160				24.9	266.4	33,500 *	33.8	283.7	37,700 *	45.0	301.1	32,300	54.1	310.3	26,800							160
170				11.3	234.8	30,100 *	25.4	265.7	33,700 *	38.8	289.8	29,400	48.9	302.2	24,200							170
180							12.3	235.5	30,200 *	31.6	275.4	26,800	43.1	292.4	22,000	52.2	300.6	17,300				180
190										22.5	255.3	24,400	36.7	280.2	20,000	46.8	291.9	15,500				190
200										3.1	209.3	22,200	29.0	264.3	18,100	40.8	281.2	14,000				200
210													18.6	241.1	16,400	34.0	267.9	12,500	44.2	279.2	8,700	210
220																25.6	250.1	11,200	37.9	267.5	7,600	220
230																12.8	220.5	9,900	30.6	252.5	6,600	230
240																			20.9	231.3	5,600	240



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.0	354.6	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	75,600 *																85
90	60.4	339.9	55,400 *	67.9	347.1	73,100 *																90
95	58.2	336.9	52,600 *	65.9	344.9	70,400 *																95
100	55.9	333.6	49,900 *	63.7	342.5	67,600 *																100
105	53.6	330.0	47,300 *	61.6	339.9	65,100 *	66.1	343.5	65,600 *													105
110	51.1	326.1	44,800 *	59.4	337.0	62,600 *	63.9	341.1	63,200 *													110
115	48.6	321.8	42,400 *	57.1	333.8	59,900 *	61.8	338.5	59,500													115
120	46.0	317.1	40,200 *	54.8	330.4	55,600 *	59.6	335.6	56,200													120
130	40.4	306.3	36,100 *	49.9	322.6	48,400 *	55.0	329.1	50,300	62.7	335.8	43,100										130
140	34.0	292.8	32,500 *	44.7	313.2	42,600 *	50.2	321.3	45,300	58.3	330.0	38,700										140
150	26.2	275.3	29,500 *	38.9	301.8	37,800 *	45.0	312.0	41,000	53.7	323.1	34,900										150
160	15.2	248.1	26,800 *	32.3	287.6	33,700 *	39.2	300.7	37,300	48.8	314.9	31,600	56.9	322.5	26,000							160
170				24.0	268.5	30,200 *	32.6	286.7	33,900 *	43.4	305.2	28,700	52.1	315.2	23,500							170
180				10.9	235.7	26,300 *	24.5	267.9	30,400 *	37.5	293.2	26,200	47.1	306.6	21,300							180
190							11.9	236.5	27,400 *	30.5	278.1	23,900	41.6	296.2	19,300	50.3	305.3	14,800				190
200										21.7	257.2	21,800	35.4	283.4	17,500	45.1	296.1	13,300				200
210										3.0	209.5	19,700	28.0	266.8	15,800	39.3	284.8	11,900				210
220													18.0	242.7	14,300	32.8	270.9	10,600	42.6	283.1	6,900	220
230																24.7	252.2	9,400	36.6	270.9	5,900	230
240																12.3	221.5	8,200	29.5	255.2	5,000	240
250																			20.2	233.1	4,100	250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.9	365.0	69,100 *																			55
60	74.1	363.6	67,200 *																			60
65	72.2	362.0	65,100 *																			65
70	70.3	360.3	62,900 *																			70
75	68.4	358.4	60,600 *																			75
80	66.5	356.2	58,200 *																			80
85	64.5	353.9	55,700 *																			85
90	62.5	351.4	53,200 *	69.4	357.9	70,000 *																90
95	60.4	348.6	50,800 *	67.5	355.9	67,900 *																95
100	58.3	345.6	48,400 *	65.5	353.6	65,400 *																100
105	56.2	342.3	46,000 *	63.5	351.2	63,000 *	67.6	354.4	63,200 *													105
110	54.0	338.8	43,700 *	61.5	348.6	60,700 *	65.7	352.2	61,000 *													110
115	51.7	334.9	41,500 *	59.4	345.7	58,500 *	63.7	349.8	58,800													115
120	49.4	330.7	39,400 *	57.3	342.5	55,100 *	61.7	347.2	55,400													120
130	44.5	321.2	35,500 *	52.9	335.4	47,900 *	57.5	341.2	49,500													130
140	39.0	309.8	32,100 *	48.2	327.1	42,000 *	53.1	334.1	44,600	60.5	341.7	37,900										140
150	32.9	295.8	29,100 *	43.2	317.2	37,200 *	48.5	325.9	40,300	56.3	335.4	34,100										150
160	25.4	277.5	26,500 *	37.6	305.2	33,200 *	43.4	316.0	36,600	51.8	328.0	30,800										160
170	14.7	249.4	23,700 *	31.2	290.4	29,700 *	37.9	304.2	33,400 *	47.1	319.3	28,000	54.9	327.8	22,700							170
180				23.2	270.5	26,700 *	31.5	289.5	29,900 *	41.9	309.0	25,400	50.4	320.0	20,500							180
190				10.6	236.6	23,300 *	23.7	270.0	26,900 *	36.2	296.5	23,200	45.5	310.8	18,500							190
200							11.5	237.5	24,200 *	29.5	280.7	21,100	40.2	299.8	16,700	48.6	309.9	12,400				200
210										21.0	259.1	19,200	34.2	286.4	15,100	43.6	300.1	11,000				210
220										2.9	209.7	17,400	27.1	269.2	13,600	38.0	288.3	9,800	46.4	297.5	6,000	220
230													17.4	244.2	12,200	31.7	273.7	8,600	41.2	286.9	5,100	230
240																23.9	254.4	7,500	35.4	274.0	4,200	240
250																11.9	222.5	6,500				250



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.0	374.0	62,800 *																60
65	73.3	372.5	61,100 *																65
70	71.5	370.9	59,300 *																70
75	69.7	369.1	57,300 *																75
80	67.9	367.1	55,300 *																80
85	66.1	365.0	53,200 *																85
90	64.2	362.6	51,000 *	70.7	368.6	65,200 *													90
95	62.3	360.0	48,900 *	68.9	366.7	64,200 *													95
100	60.4	357.3	46,700 *	67.0	364.6	63,000 *													100
105	58.4	354.2	44,600 *	65.2	362.3	61,100 *													105
110	56.4	351.0	42,600 *	63.3	359.9	58,900 *	67.2	363.2	58,900 *										110
115	54.4	347.5	40,500 *	61.4	357.2	56,900 *	65.4	360.9	57,000 *										115
120	52.2	343.7	38,600 *	59.4	354.3	54,900 *	63.5	358.5	55,000										120
130	47.8	335.2	35,000 *	55.4	347.8	48,300 *	59.6	353.0	49,100										130
140	43.1	325.2	31,700 *	51.2	340.3	42,300 *	55.6	346.5	44,200	62.4	353.1	37,500							140
150	37.8	313.3	28,700 *	46.7	331.4	37,400 *	51.4	339.0	39,900	58.5	347.3	33,700							150
160	31.8	298.7	26,200 *	41.8	321.0	33,200 *	46.9	330.2	36,200	54.5	340.6	30,400							160
170	24.6	279.7	24,000 *	36.4	308.5	29,700 *	42.1	319.9	33,000	50.2	332.8	27,600	57.2	339.9	22,300				170
180	14.2	250.6	21,200 *	30.2	293.1	26,700 *	36.7	307.5	29,900 *	45.6	323.6	25,100	53.1	332.8	20,100				180
190				22.5	272.5	24,000 *	30.5	292.2	26,800 *	40.6	312.7	22,800	48.7	324.5	18,100				190
200				10.2	237.5	20,800 *	22.9	272.0	24,200 *	35.1	299.7	20,800	44.1	314.9	16,300	51.5	323.0	12,000	200
210							11.1	238.4	21,800 *	28.6	283.3	18,900	38.9	303.4	14,700	47.0	314.3	10,600	210
220										20.3	260.8	17,200	33.1	289.4	13,300	42.2	304.0	9,400	220
230										2.8	209.9	15,600	26.2	271.6	11,900	36.8	291.7	8,200	230
240													16.9	245.6	10,700	30.7	276.5	7,200	240
250																23.2	256.4	6,200	250
260																11.5	223.5	5,200	260

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 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	75.9	384.3	58,500 *																60
65	74.2	383.0	57,100 *																65
70	72.6	381.4	55,600 *																70
75	70.9	379.8	54,000 *																75
80	69.2	377.9	52,300 *																80
85	67.5	375.9	50,500 *																85
90	65.7	373.7	48,700 *																90
95	64.0	371.3	46,800 *	70.1	377.4	59,700 *													95
100	62.2	368.7	44,900 *	68.4	375.4	58,800 *													100
105	60.4	365.9	43,000 *	66.6	373.3	57,800 *													105
110	58.5	362.9	41,200 *	64.9	371.0	56,600 *													110
115	56.6	359.7	39,400 *	63.1	368.6	55,000 *	66.8	371.9	54,800 *										115
120	54.7	356.2	37,600 *	61.3	365.9	53,100 *	65.1	369.6	53,100 *										120
130	50.7	348.5	34,300 *	57.6	359.9	47,700 *	61.5	364.5	48,400										130
140	46.4	339.5	31,200 *	53.7	352.9	41,800 *	57.8	358.5	43,500										140
150	41.8	329.0	28,400 *	49.6	344.9	36,800 *	53.9	351.7	39,200	60.5	359.0	32,900							150
160	36.7	316.6	25,900 *	45.3	335.6	32,700 *	49.8	343.7	35,600	56.7	352.8	29,700							160
170	30.9	301.4	23,700 *	40.6	324.7	29,200 *	45.5	334.4	32,400	52.8	345.6	26,800							170
180	23.9	281.8	21,700 *	35.4	311.7	26,100 *	40.8	323.6	29,300 *	48.7	337.3	24,300	55.5	345.2	19,200				180
190	13.8	251.8	18,600 *	29.4	295.7	23,500 *	35.6	310.7	26,300 *	44.2	327.7	22,100	51.5	337.7	17,300				190
200				21.9	274.4	21,200 *	29.7	294.9	23,600 *	39.4	316.3	20,100	47.3	329.0	15,500				200
210				9.9	238.3	18,400 *	22.3	274.0	21,300 *	34.0	302.7	18,300	42.7	318.8	14,000	49.9	327.7	9,800	210
220							10.8	239.3	19,200 *	27.8	285.7	16,600	37.8	306.8	12,500	45.6	318.5	8,600	220
230										19.7	262.6	15,100	32.2	292.3	11,200	40.9	307.7	7,500	230
240										2.7	210.1	13,500	25.5	273.8	10,000	35.8	294.9	6,400	240
250													16.4	247.1	8,900	29.8	279.1	5,500	250
260																22.5	258.4	4,600	260



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.1	393.4	53,300 *																65
70	73.5	391.9	52,000 *																70
75	71.9	390.3	50,700 *																75
80	70.3	388.6	49,300 *																80
85	68.7	386.7	47,800 *																85
90	67.1	384.6	46,300 *																90
95	65.5	382.4	44,700 *																95
100	63.8	380.0	43,100 *	69.6	386.2	54,700 *													100
105	62.1	377.4	41,400 *	67.9	384.2	53,900 *													105
110	60.4	374.6	39,800 *	66.3	382.1	53,100 *													110
115	58.6	371.6	38,200 *	64.6	379.7	52,000 *													115
120	56.8	368.4	36,600 *	63.0	377.2	50,900 *	66.5	380.6	52,000 *										120
130	53.1	361.3	33,500 *	59.5	371.6	47,200 *	63.1	375.8	47,800										130
140	49.2	353.1	30,700 *	55.9	365.2	41,200 *	59.7	370.3	42,900										140
150	45.1	343.7	28,000 *	52.2	357.9	36,300 *	56.1	363.9	38,600	62.2	370.4	32,200							150
160	40.6	332.7	25,700 *	48.2	349.4	32,200 *	52.4	356.6	35,000	58.7	364.7	29,000							160
170	35.7	319.8	23,500 *	44.0	339.7	28,700 *	48.4	348.2	31,800	55.1	358.0	26,200							170
180	30.0	304.1	21,200 *	39.5	328.3	25,600 *	44.2	338.5	28,800 *	51.3	350.4	23,700	57.5	357.2	18,500				180
190	23.2	283.8	19,100 *	34.4	314.8	23,000 *	39.7	327.3	25,800 *	47.3	341.7	21,500	53.9	350.3	16,600				190
200	13.4	252.9	16,300 *	28.5	298.2	20,700 *	34.6	313.9	23,100 *	43.0	331.6	19,500	50.0	342.4	14,900				200
210				21.3	276.3	18,600 *	28.8	297.5	20,800 *	38.3	319.8	17,700	45.9	333.2	13,300	52.5	340.6	9,100	210
220				9.6	239.2	16,100 *	21.7	275.9	18,700 *	33.1	305.7	16,000	41.5	322.6	11,900	48.5	332.2	7,900	220
230							10.5	240.2	16,900 *	27.0	288.1	14,500	36.7	310.2	10,600	44.3	322.6	6,800	230
240										19.2	264.3	13,100	31.3	295.1	9,400	39.8	311.4	5,800	240
250										2.6	210.3	11,700	24.8	276.0	8,300	34.8	298.0	4,800	250
260													15.9	248.5	7,200	29.0	281.7	4,000	260

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

200 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	75.9	403.7	49,500 *																65
70	74.4	402.3	48,500 *																70
75	72.9	400.8	47,500 *																75
80	71.4	399.2	46,300 *																80
85	69.8	397.4	45,000 *																85
90	68.3	395.4	43,700 *																90
95	66.8	393.3	42,400 *																95
100	65.2	391.1	41,000 *	70.6	396.8	50,700 *													100
105	63.6	388.6	39,600 *	69.1	395.0	50,100 *													105
110	62.0	386.0	38,200 *	67.6	393.0	49,500 *													110
115	60.3	383.2	36,800 *	66.0	390.8	48,700 *													115
120	58.7	380.2	35,400 *	64.4	388.4	47,900 *	67.7	391.5	49,700 *										120
130	55.2	373.6	32,600 *	61.2	383.2	44,000 *	64.6	387.0	47,000 *										130
140	51.6	366.1	30,000 *	57.8	377.2	40,200 *	61.3	381.8	42,200										140
150	47.9	357.6	27,500 *	54.4	370.4	35,800 *	58.0	375.9	37,900										150
160	43.9	347.7	25,300 *	50.8	362.7	31,600 *	54.5	369.1	34,300	60.4	376.3	28,200							160
170	39.5	336.3	23,000 *	46.9	353.8	28,100 *	50.9	361.4	31,100	57.0	370.1	25,400							170
180	34.7	323.0	20,600 *	42.8	343.6	25,100 *	47.1	352.6	28,300 *	53.5	363.1	22,900							180
190	29.3	306.7	18,500 *	38.4	331.8	22,400 *	43.0	342.5	25,200 *	49.9	355.1	20,700	55.9	362.6	15,800				190
200	22.6	285.8	16,600 *	33.5	317.8	20,100 *	38.6	330.8	22,600 *	46.0	346.0	18,800	52.4	355.3	14,100				200
210	13.1	254.1	14,100 *	27.8	300.7	18,100 *	33.7	316.9	20,200 *	41.8	335.5	17,000	48.7	346.9	12,500				210
220				20.7	278.1	16,200 *	28.1	300.0	18,200 *	37.3	323.2	15,300	44.7	337.4	11,100	51.0	345.4	7,100	220
230				9.4	240.0	14,000 *	21.1	277.7	16,300 *	32.2	308.6	13,900	40.4	326.3	9,900	47.2	336.6	6,000	230
240							10.2	241.1	14,700 *	26.3	290.5	12,500	35.7	313.4	8,700	43.1	326.6	5,000	240
250										18.7	265.9	11,200	30.4	297.8	7,600	38.7	314.9	4,100	250
260										2.5	210.5	9,900	24.1	278.1	6,600				260
270													15.5	249.8	5,600				270



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

210 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	75.0	326.0	99,000 *b																			45
50	72.3	324.4	95,000 *b																			50
55	69.5	322.6	90,600 *b																			55
60	66.7	320.6	86,100 *																			60
65	63.8	318.2	81,400 *																			65
70	60.8	315.5	76,800 *																			70
75	57.8	312.4	72,300 *	68.6	320.5	90,400 *b																75
80	54.6	309.0	67,900 *	65.8	318.3	86,300 *																80
85	51.3	305.1	63,700 *	62.9	315.8	82,300 *																85
90	47.9	300.8	59,800 *	59.9	313.0	78,500 *	66.3	317.0	79,900 *													90
95	44.2	295.8	56,100 *	56.8	309.8	74,900 *	63.4	314.6	76,400 *													95
100	40.3	290.2	52,700 *	53.6	306.3	71,600 *	60.5	311.9	73,000 *													100
105	36.0	283.7	49,500 *	50.3	302.3	68,500 *	57.4	308.8	68,900													105
110	31.2	276.0	46,600 *	46.8	297.7	65,000 *	54.2	305.3	64,800													110
115	25.6	266.4	44,100 *	43.0	292.6	60,900 *	50.9	301.4	61,100	62.3	309.5	52,900										115
120	18.4	253.6	41,800 *	39.0	286.7	56,700 *	47.5	297.0	57,700	59.3	306.6	49,900										120
130				29.6	271.7	49,500 *	39.8	286.2	51,800	53.0	299.7	44,700										130
140				15.6	246.8	43,700 *	30.6	271.7	46,800	46.0	291.0	40,200	57.8	299.4	33,800							140
150							17.4	248.5	42,300	38.2	279.6	36,400	51.4	292.1	30,400							150
160										28.5	264.0	33,100	44.3	282.9	27,500							160
170										13.5	237.0	30,000	36.1	270.7	25,000	49.4	282.5	19,900				170
180													25.7	253.6	22,700	42.0	272.5	18,000				180
190													5.3	215.8	20,400	33.4	259.2	16,200	46.8	270.5	11,900	190
200																21.8	239.5	14,600	39.1	259.5	10,600	200
210																			29.7	244.5	9,400	210
220																			15.8	219.8	8,200	220



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

210 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.8	334.9	89,000 *b																			50
55	71.3	333.3	85,400 *b																			55
60	68.7	331.4	81,600 *																			60
65	66.1	329.3	77,600 *																			65
70	63.5	326.9	73,600 *																			70
75	60.8	324.1	69,500 *	70.5	331.2	87,200 *																75
80	58.0	321.1	65,600 *	67.9	329.2	83,400 *																80
85	55.1	317.7	61,800 *	65.3	327.0	79,800 *																85
90	52.1	314.0	58,200 *	62.6	324.5	76,300 *																90
95	49.0	309.7	54,800 *	59.9	321.7	72,900 *	65.8	325.7	74,000 *													95
100	45.7	305.0	51,500 *	57.1	318.5	69,800 *	63.2	323.3	70,900 *													100
105	42.2	299.7	48,500 *	54.2	315.0	66,800 *	60.4	320.5	67,900 *													105
110	38.5	293.7	45,700 *	51.1	311.1	64,000 *	57.6	317.5	64,100													110
115	34.4	286.8	43,100 *	48.0	306.8	61,000 *	54.7	314.0	60,400													115
120	29.8	278.6	40,700 *	44.6	301.9	56,700 *	51.7	310.2	57,000	62.1	318.1	49,000										120
130	17.6	255.2	36,700 *	37.2	290.1	49,400 *	45.3	301.2	51,100	56.5	312.1	43,800										130
140				28.3	274.2	43,600 *	38.0	289.7	46,100	50.5	304.5	39,400										140
150				14.9	248.1	38,700 *	29.3	274.3	41,800	44.0	295.0	35,700	55.1	304.7	29,500							150
160							16.7	250.0	38,000	36.5	283.0	32,400	49.0	296.8	26,700							160
170										27.2	266.5	29,400	42.3	286.8	24,200							170
180										12.9	238.1	26,700	34.5	273.9	21,900	47.1	286.9	17,100				180
190													24.6	255.8	19,900	40.1	276.1	15,400				190
200													5.0	216.2	17,900	31.9	262.1	13,800	44.7	274.6	9,700	200
210																20.9	241.3	12,400	37.3	262.9	8,500	210
220																			28.4	247.0	7,400	220
230																			15.0	221.1	6,400	230



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

210 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	75.1	345.4	83,400 *b																			50
55	72.8	343.9	80,400 *b																			55
60	70.4	342.1	77,200 *																			60
65	68.1	340.2	73,800 *																			65
70	65.7	338.0	70,400 *																			70
75	63.2	335.5	66,900 *																			75
80	60.7	332.8	63,400 *	69.7	340.0	81,700 *																80
85	58.1	329.8	60,000 *	67.3	338.0	78,400 *																85
90	55.5	326.4	56,700 *	64.9	335.7	75,100 *																90
95	52.7	322.7	53,500 *	62.4	333.2	72,000 *	67.8	336.7	72,600 *													95
100	49.9	318.7	50,500 *	59.9	330.3	69,000 *	65.4	334.4	69,700 *													100
105	46.9	314.1	47,600 *	57.3	327.2	66,100 *	62.9	332.0	66,900 *													105
110	43.8	309.1	44,900 *	54.6	323.8	63,400 *	60.4	329.2	63,700													110
115	40.5	303.4	42,400 *	51.9	320.0	60,700 *	57.8	326.1	60,000													115
120	36.9	297.1	40,100 *	49.0	315.7	56,600 *	55.2	322.8	56,700													120
130	28.6	281.2	35,900 *	42.8	305.8	49,300 *	49.5	314.9	50,800	59.4	323.9	43,500										130
140	16.9	256.6	32,600 *	35.7	293.3	43,400 *	43.4	305.2	45,800	54.1	317.2	39,100										140
150				27.1	276.6	38,500 *	36.5	293.0	41,600	48.4	309.0	35,300										150
160				14.3	249.3	34,400 *	28.1	276.8	37,800	42.1	298.9	32,000	52.8	309.7	26,300							160
170							16.0	251.4	34,500	35.0	286.1	29,200	47.0	301.1	23,800							170
180										26.1	268.8	26,600	40.5	290.5	21,600	51.1	300.2	16,700				180
190										12.3	239.2	24,200	33.1	276.8	19,600	45.2	291.1	15,100				190
200													23.6	257.8	17,800	38.5	279.7	13,500				200
210													4.8	216.6	16,000	30.6	264.8	12,100	42.8	278.6	8,200	210
220																20.0	243.1	10,800	35.8	266.1	7,100	220
230																			27.2	249.4	6,100	230
240																			14.4	222.3	5,200	240



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

2250 SERIES 3

210 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	
55	74.0	354.3	75,400 *b																			55
60	71.9	352.7	72,700 *																			60
65	69.7	350.9	69,900 *																			65
70	67.5	348.9	66,900 *																			70
75	65.3	346.7	63,900 *																			75
80	63.0	344.2	60,800 *																			80
85	60.6	341.5	57,800 *	69.0	348.8	75,600 *																85
90	58.3	338.5	54,800 *	66.8	346.7	72,600 *																90
95	55.8	335.1	51,900 *	64.6	344.4	69,700 *																95
100	53.3	331.5	49,200 *	62.3	341.8	67,000 *	67.3	345.4	67,300 *													100
105	50.7	327.5	46,500 *	59.9	339.0	64,300 *	65.0	343.1	64,800 *													105
110	47.9	323.1	44,000 *	57.5	335.9	61,700 *	62.7	340.6	62,300 *													110
115	45.1	318.3	41,600 *	55.0	332.5	59,300 *	60.4	337.9	59,300													115
120	42.1	313.0	39,400 *	52.5	328.7	56,100 *	58.0	334.8	55,900													120
130	35.5	300.3	35,300 *	47.1	320.1	48,800 *	53.0	327.8	50,100	61.8	335.5	42,600										130
140	27.5	283.6	31,900 *	41.1	309.6	42,900 *	47.6	319.3	45,200	57.0	329.4	38,300										140
150	16.3	258.0	29,100 *	34.4	296.4	38,100 *	41.7	309.0	40,900	52.0	322.1	34,500										150
160				26.1	278.9	34,000 *	35.1	296.2	37,200	46.5	313.4	31,300	55.9	322.1	25,500							160
170				13.7	250.5	30,500 *	27.0	279.2	34,000	40.5	302.6	28,400	50.7	314.5	23,000							170
180							15.4	252.7	30,800 *	33.6	289.1	25,900	45.1	305.3	20,800							180
190										25.1	271.0	23,600	39.0	294.0	18,900	49.1	304.8	14,200				190
200										11.9	240.2	21,500	31.8	279.7	17,100	43.4	295.1	12,700				200
210													22.7	259.8	15,500	37.0	283.0	11,300	47.1	292.9	7,300	210
220													4.6	216.9	13,900	29.4	267.4	10,100	41.2	282.4	6,300	220
230																19.3	244.8	8,900	34.4	269.2	5,300	230
240																			26.2	251.7	4,400	240



Liftcrane Luffing Jib Capacities

2250 SERIES 3

New York City Code
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

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

210 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	75.1	364.7	70,600 *																			55
60	73.1	363.3	68,400 *																			60
65	71.1	361.6	66,000 *																			65
70	69.1	359.7	63,500 *																			70
75	67.0	357.7	60,900 *																			75
80	64.9	355.4	58,300 *																			80
85	62.8	352.9	55,600 *	70.5	359.5	72,600 *																85
90	60.6	350.1	52,900 *	68.4	357.5	70,200 *																90
95	58.4	347.1	50,400 *	66.4	355.4	67,600 *																95
100	56.1	343.8	47,800 *	64.3	353.1	65,000 *																100
105	53.7	340.3	45,400 *	62.1	350.5	62,500 *	66.8	354.1	62,700 *													105
110	51.3	336.4	43,000 *	59.9	347.7	60,100 *	64.7	351.8	60,400 *													110
115	48.8	332.1	40,800 *	57.7	344.6	57,800 *	62.5	349.3	58,200 *													115
120	46.2	327.4	38,700 *	55.4	341.2	55,600 *	60.3	346.5	55,300													120
130	40.6	316.7	34,800 *	50.5	333.5	49,200 *	55.8	340.2	49,400													130
140	34.2	303.4	31,400 *	45.4	324.3	43,200 *	51.0	332.6	44,500	59.5	341.2	37,500										140
150	26.5	286.0	28,500 *	39.7	313.2	38,300 *	45.9	323.6	40,300	54.9	334.7	33,800										150
160	15.7	259.4	26,200 *	33.1	299.4	34,200 *	40.2	312.7	36,600	50.1	326.9	30,600										160
170				25.2	281.1	30,600 *	33.8	299.2	33,400	44.8	317.5	27,800	53.8	327.3	22,300							170
180				13.2	251.6	27,300 *	26.0	281.5	30,500	39.1	306.2	25,300	48.9	319.1	20,100							180
190							14.8	254.0	27,900 *	32.4	292.1	23,000	43.5	309.4	18,200	52.4	317.8	13,400				190
200										24.3	273.1	21,000	37.6	297.5	16,400	47.3	309.2	12,000				200
210										11.4	241.2	19,100	30.7	282.4	14,900	41.9	298.9	10,600				210
220													21.9	261.8	13,400	35.7	286.3	9,400	45.4	297.1	5,500	220
230													4.4	217.3	11,900	28.4	270.0	8,300	39.7	286.0	4,600	230
240																18.6	246.4	7,200				240