

# Liftcrane Luffing Jib Capacities

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

## 2250 SERIES 2

**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, 209,200 Lb. crane counterweight and two 30,000 Lb. carbody counterweights.

Consult chart **No. 8130-A** for lifting off lower boom point with luffing jib attached.



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	132,100 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	120,300										70
75	24.4	117.9	77,500 *	36.3	129.9	88,600 *	42.0	134.6	96,700 *	50.1	140.0	110,300	57.1	142.9	107,500							75
80	9.3	100.1	65,200 *	28.5	121.7	80,600 *	35.3	128.1	87,400 *	44.4	135.2	100,600 *	52.0	139.2	99,100							80
85				17.5	109.3	73,800 *	27.1	119.5	79,500 *	38.0	129.2	90,600 *	46.5	134.7	91,900							85
90							15.2	105.8	72,800 *	30.6	121.6	82,200 *	40.4	129.3	85,600	48.3	133.4	83,400				90
95										20.7	110.7	75,200 *	33.5	122.3	80,000	42.4	128.3	77,900				95
100													24.7	113.0	75,000	35.8	121.9	73,100	44.0	126.3	71,200	100
105													10.2	96.0	70,400	27.8	113.5	68,700	37.6	120.3	67,000	105
110																16.4	100.5	64,800	30.1	112.5	63,200	110
115																			20.0	101.3	59,700	115



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	119,800										70
75	37.4	137.8	77,800 *	45.3	145.5	89,000 *	49.5	148.8	97,100 *	55.9	152.6	109,900										75
80	30.9	130.2	71,400 *	40.0	139.9	80,900 *	44.6	144.0	87,700 *	51.4	148.8	101,100 *	57.5	151.6	98,600							80
85	22.7	119.8	65,800 *	33.9	133.0	74,000 *	39.1	138.2	79,800 *	46.6	144.3	91,000 *	53.1	148.0	91,400							85
90	8.6	100.8	56,200 *	26.5	124.1	68,100 *	32.9	131.1	73,100 *	41.3	139.0	82,600 *	48.4	143.8	85,200							90
95				16.3	110.7	63,000 *	25.3	121.7	67,300 *	35.4	132.4	75,500 *	43.3	138.8	79,600	49.9	142.3	77,500				95
100							14.1	107.0	62,300 *	28.5	124.1	69,400 *	37.7	132.7	74,700	44.9	137.6	72,700				100
105																						
110																			46.3	135.5	66,500	105
115																			41.0	130.1	62,800	110
120																			35.1	123.5	59,300	115
																			28.0	115.0	56,200	120



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 80 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
34	75.8	177.1	192,900 *b																			34
36	74.5	176.5	184,400 *b																			36
38	73.2	175.9	176,500 *b																			38
40	71.8	175.3	169,100 *b																			40
45	68.4	173.4	152,900 *b																			45
50	64.9	171.1	135,800 *	69.9	173.5	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	109,500										75
80	40.5	147.6	71,500 *	47.2	154.6	81,100 *	50.8	157.7	88,000 *	56.4	161.3	101,000										80
85	35.2	141.0	65,900 *	42.6	149.4	74,200 *	46.5	153.2	80,000 *	52.4	157.6	91,300 *	57.8	160.3	91,000							85
90	29.1	132.7	61,000 *	37.5	143.3	68,300 *	41.8	147.9	73,300 *	48.2	153.4	82,800 *	53.9	156.8	84,800							90
95	21.3	121.7	56,700 *	31.8	135.8	63,100 *	36.7	141.6	67,500 *	43.7	148.4	75,700 *	49.8	152.7	79,200							95
100	8.0	101.5	48,900 *	24.9	126.3	58,600 *	30.9	133.9	62,400 *	38.8	142.5	69,500 *	45.4	148.0	74,300	51.1	151.2	72,300				100
105				15.3	112.0	54,500 *	23.7	123.8	58,000 *	33.3	135.5	64,200 *	40.7	142.5	69,900	46.8	146.7	68,000				105
110							13.2	108.1	54,000 *	26.8	126.5	59,500 *	35.4	135.9	66,000	42.2	141.5	64,100	48.0	144.6	62,400	110
115										18.2	113.9	55,400 *	29.3	127.8	61,200 *	37.1	135.3	60,600	43.5	139.5	59,000	115
120													21.7	116.9	56,900 *	31.4	127.7	57,500	38.5	133.6	55,900	120
130																14.3	103.0	51,800	26.4	117.4	50,400	130



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	100,500										80
85	42.8	157.1	65,800 *	48.6	163.6	74,100 *	51.8	166.5	79,900 *	56.7	170.0	91,300 *										85
90	38.3	151.1	60,900 *	44.6	158.7	68,100 *	48.0	162.2	73,100 *	53.2	166.4	82,800 *	58.0	168.9	84,300							90
95	33.3	144.0	56,600 *	40.3	153.1	62,900 *	43.9	157.2	67,300 *	49.5	162.3	75,600 *	54.5	165.5	78,800							95
100	27.5	135.2	52,700 *	35.5	146.5	58,400 *	39.6	151.5	62,200 *	45.6	157.6	69,400 *	50.9	161.6	73,900							100
105	20.2	123.5	49,300 *	30.1	138.5	54,400 *	34.7	144.7	57,800 *	41.3	152.2	64,100 *	47.0	157.1	69,500	52.0	160.0	67,500				105
110	7.6	102.1	42,800 *	23.6	128.3	50,800 *	29.2	136.5	53,800 *	36.7	145.9	59,400 *	42.9	152.0	65,500	48.3	155.7	63,700				110
115				14.5	113.2	47,500 *	22.5	125.8	50,300 *	31.5	138.3	55,200 *	38.5	146.0	61,000 *	44.3	150.8	60,200				115
120							12.5	109.2	47,100 *	25.3	128.8	51,600 *	33.5	138.9	56,700 *	39.9	145.2	57,000	45.3	148.8	55,400	120
130													20.5	118.7	49,400 *	29.7	130.4	51,500	36.4	136.9	50,000	130
140																13.5	104.1	46,700	24.9	119.6	45,400	140



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 80 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.2	196.2	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	92,700										85
90	44.5	166.4	62,400 *	49.7	172.5	69,900 *	52.6	175.3	75,000 *	57.0	178.7	85,000 *										90
95	40.7	160.8	58,000 *	46.1	167.9	64,500 *	49.2	171.2	69,000 *	53.9	175.2	77,600 *										95
100	36.4	154.4	54,100 *	42.4	162.6	59,800 *	45.6	166.4	63,800 *	50.5	171.2	71,200 *	55.0	174.2	73,400							100
105	31.7	146.8	50,500 *	38.3	156.6	55,700 *	41.8	161.1	59,200 *	47.0	166.7	65,700 *	51.7	170.4	69,000							105
110	26.2	137.5	47,400 *	33.8	149.6	52,000 *	37.6	154.9	55,100 *	43.3	161.6	60,900 *	48.3	166.1	65,100	52.8	168.8	63,200				110
115	19.2	125.1	44,500 *	28.6	141.1	48,700 *	33.1	147.7	51,500 *	39.3	155.8	56,600 *	44.7	161.3	61,500	49.4	164.7	59,700				115
120	7.2	102.6	35,800 *	22.5	130.3	45,800 *	27.8	138.9	48,300 *	34.9	149.0	52,800 *	40.8	155.7	58,100 *	45.9	160.0	56,600				120
130							11.9	110.2	42,700 *	24.1	130.9	46,400 *	31.9	141.8	50,700 *	38.0	148.6	51,100	43.1	152.8	49,500	130
140													19.5	120.4	44,600 *	28.2	132.9	46,400	34.7	140.1	45,000	140
150																12.9	105.2	42,200	23.7	121.7	41,000	150



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	92,200										85
90	49.3	180.2	62,000 *	53.7	185.4	69,500 *	56.2	187.7	74,700 *	60.1	190.5	84,700 *										90
95	46.0	175.6	57,600 *	50.6	181.4	64,100 *	53.2	184.1	68,600 *	57.3	187.4	77,200 *										95
100	42.5	170.3	53,600 *	47.4	177.0	59,400 *	50.1	180.1	63,400 *	54.4	183.9	70,800 *										100
105	38.8	164.4	50,100 *	44.0	172.0	55,300 *	46.9	175.5	58,800 *	51.4	180.0	65,300 *	55.5	182.9	68,500							105
110	34.8	157.6	47,000 *	40.5	166.4	51,600 *	43.5	170.5	54,700 *	48.2	175.7	60,500 *	52.5	179.2	64,600							110
115	30.3	149.5	44,100 *	36.6	159.9	48,300 *	39.9	164.7	51,100 *	44.9	170.9	56,200 *	49.4	175.1	61,100							115
120	25.0	139.7	41,500 *	32.3	152.5	45,300 *	35.9	158.2	47,900 *	41.4	165.4	52,400 *	46.1	170.4	57,700 *	50.4	173.6	56,100				120
130	6.9	103.2	31,600 *	21.5	132.2	40,200 *	26.6	141.3	42,300 *	33.4	152.0	46,000 *	39.0	159.3	50,300 *	43.8	164.1	50,600	48.0	166.9	49,000	130
140							11.4	111.1	37,600 *	23.1	132.9	40,700 *	30.4	144.5	44,200 *	36.3	151.9	45,900	41.1	156.5	44,500	140
150													18.6	122.0	39,300 *	27.0	135.3	41,900	33.1	143.0	40,600	150
160																12.3	106.2	37,800 *	22.7	123.6	37,200	160



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	84,600 *										90
95	50.1	189.1	57,400 *	54.2	194.1	64,000 *	56.5	196.4	68,500 *	60.1	199.2	77,200 *										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	65,200 *										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	64,400							110
115	37.2	167.8	44,000 *	42.2	175.9	48,200 *	45.0	179.7	51,000 *	49.2	184.7	56,100 *	53.1	188.0	60,800							115
120	33.4	160.6	41,400 *	38.8	169.9	45,200 *	41.7	174.3	47,700 *	46.2	180.0	52,300 *	50.3	184.0	57,600							120
130	24.0	141.8	36,800 *	31.0	155.2	40,000 *	34.5	161.3	42,100 *	39.6	169.1	45,900 *	44.2	174.5	50,100 *	48.2	178.1	50,300				130
140	6.6	103.7	28,100 *	20.6	134.0	35,700 *	25.5	143.5	37,500 *	32.0	154.9	40,600 *	37.4	162.7	44,100 *	42.0	167.9	45,700	46.0	171.2	44,300	140
150							10.9	112.1	33,500 *	22.1	134.8	36,200 *	29.2	147.1	39,100 *	34.8	155.1	41,700	39.4	160.2	40,400	150
160													17.9	123.5	34,900 *	25.9	137.6	37,600 *	31.8	145.9	37,000	160
170																11.8	107.2	33,700 *	21.8	125.6	34,000	170





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	77,300 *										95
100	50.9	198.0	53,300 *	54.6	202.8	59,200 *	56.7	205.1	63,200 *	60.1	207.8	70,800 *										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	55,900 *	56.1	200.3	60,300							115
120	39.2	177.7	41,100 *	43.7	185.2	44,900 *	46.2	188.9	47,500 *	50.0	193.6	52,100 *	53.6	196.8	57,100							120
130	32.1	163.4	36,500 *	37.3	173.3	39,700 *	40.1	178.0	41,800 *	44.4	184.1	45,600 *	48.3	188.5	49,900 *	51.8	191.3	49,800				130
140	23.1	143.9	32,700 *	29.8	157.9	35,400 *	33.2	164.3	37,100 *	38.1	172.5	40,300 *	42.5	178.4	43,800 *	46.4	182.4	45,200				140
150	6.3	104.2	25,000 *	19.8	135.7	31,700 *	24.5	145.7	33,200 *	30.8	157.7	35,900 *	35.9	166.0	38,800 *	40.3	171.6	41,300	44.2	175.3	39,900	150
160							10.5	112.9	29,800 *	21.3	136.7	32,100 *	28.1	149.6	34,600 *	33.4	158.1	37,300 *	37.9	163.6	36,500	160
170													17.2	125.0	31,000 *	24.9	139.8	33,400 *	30.6	148.6	33,600	170
180																11.3	108.2	29,900 *	20.9	127.4	31,000	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	71,400 *										100
105	51.5	206.8	50,000 *	55.0	211.6	55,300 *	56.9	213.8	58,900 *	60.1	216.5	65,700 *										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	56,400 *										115
120	43.7	192.9	41,100 *	47.6	199.3	45,000 *	49.8	202.4	47,600 *	53.2	206.4	52,500 *	56.4	209.0	56,700							120
130	37.8	181.1	36,400 *	42.1	189.1	39,700 *	44.5	193.0	41,900 *	48.2	198.1	45,900 *	51.6	201.6	50,200 *							130
140	31.0	166.2	32,500 *	36.0	176.5	35,200 *	38.7	181.5	37,100 *	42.8	188.1	40,400 *	46.5	192.8	44,000 *	49.9	196.0	44,800				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	38,900 *	44.7	186.6	40,800				150
160	6.1	104.7	20,900 *	19.1	137.4	28,100 *	23.7	147.8	29,500 *	29.7	160.3	32,000 *	34.7	169.1	34,500 *	38.9	175.2	37,300 *	42.6	179.2	36,100	160
170							10.1	113.8	26,100 *	20.5	138.5	28,600 *	27.1	152.0	30,800 *	32.3	161.0	33,200 *	36.6	166.9	33,200	170
180													16.6	126.5	27,600 *	24.0	141.9	29,700 *	29.5	151.3	30,600	180
190																10.9	109.1	26,500 *	20.2	129.1	28,200	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	65,200 *										105	
110	52.1	215.6	46,300 *	55.3	220.3	51,100 *	57.1	222.5	54,300 *	60.1	225.1	60,300 *										110	
115	49.8	211.5	43,300 *	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	45,400 *	54.4	214.2	49,800 *							130	
140	36.6	184.4	32,000 *	40.7	192.8	34,800 *	43.0	196.9	36,600 *	46.6	202.4	40,000 *	49.9	206.3	43,500 *	52.9	208.8	44,300				140	
150	29.9	168.9	28,600 *	34.8	179.7	31,000 *	37.4	184.9	32,600 *	41.4	191.9	35,400 *	45.0	197.0	38,400 *	48.2	200.5	40,300				150	
160	21.5	147.7	25,600 *	27.8	162.9	27,700 *	30.9	169.9	29,100 *	35.6	179.1	31,500 *	39.6	185.8	34,100 *	43.2	190.6	36,800 *	46.4	193.6	35,600	160	
170	5.9	105.2	18,300 *	18.5	139.0	24,800 *	22.9	149.8	26,000 *	28.7	162.9	28,200 *	33.5	172.1	30,400 *	37.6	178.6	32,800 *	41.2	183.0	32,700	170	
180								9.8	114.6	23,100 *	19.9	140.2	25,300 *	26.2	154.4	27,200 *	31.2	163.8	29,300 *	35.4	170.1	30,100	180
190													16.1	127.8	24,400 *	23.2	143.9	26,200 *	28.5	153.8	27,800	190	
200																10.6	110.0	23,400 *	19.5	130.9	25,100 *	200	



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	56,100 *										115
120	50.4	220.4	40,600 *	53.5	225.4	44,500 *	55.3	227.8	47,200 *	58.1	230.8	52,100 *										120
130	45.9	211.3	35,900 *	49.2	217.2	39,200 *	51.0	220.1	41,300 *	54.0	223.9	45,400 *	56.8	226.4	49,800 *							130
140	40.9	200.5	31,900 *	44.5	207.7	34,700 *	46.5	211.2	36,500 *	49.7	215.9	39,900 *	52.7	219.2	43,500 *							140
150	35.4	187.6	28,500 *	39.4	196.4	30,900 *	41.6	200.8	32,400 *	45.1	206.6	35,300 *	48.3	210.9	38,300 *	51.2	213.7	40,000				150
160	29.0	171.5	25,500 *	33.7	182.7	27,600 *	36.2	188.2	29,000 *	40.1	195.6	31,400 *	43.5	201.0	34,000 *	46.7	204.8	36,600				160
170	20.9	149.5	22,900 *	26.9	165.3	24,700 *	30.0	172.6	25,900 *	34.4	182.2	28,100 *	38.4	189.3	30,300 *	41.8	194.4	32,600 *	45.0	197.8	32,400	170
180	5.7	105.7	16,200 *	17.9	140.5	22,200 *	22.2	151.8	23,300 *	27.8	165.4	25,200 *	32.5	175.0	27,100 *	36.4	181.9	29,100 *	39.9	186.7	29,800	180
190							9.5	115.4	20,700 *	19.2	141.9	22,600 *	25.4	156.6	24,300 *	30.2	166.5	26,100 *	34.3	173.2	27,600	190
200													15.6	129.2	21,800 *	22.5	145.9	23,400 *	27.6	156.2	25,000 *	200
210																10.2	110.9	20,900 *	18.9	132.5	22,400 *	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	52,400										115
120	53.0	233.2	40,100 *	55.8	237.7	44,100 *	57.5	239.8	46,700 *	60.1	242.5	49,300										120
130	48.9	225.0	35,400 *	51.9	230.3	38,700 *	53.6	232.9	40,900 *	56.3	236.2	43,900										130
140	44.5	215.4	31,400 *	47.7	221.7	34,200 *	49.5	224.8	36,000 *	52.4	228.9	39,400 *	55.1	231.7	37,200							140
150	39.7	204.2	28,000 *	43.2	211.7	30,400 *	45.1	215.4	32,000 *	48.2	220.4	34,800 *	51.1	224.0	33,500							150
160	34.4	190.7	25,100 *	38.3	199.9	27,200 *	40.4	204.5	28,500 *	43.7	210.6	31,000 *	46.8	215.2	30,200	49.6	218.3	28,400				160
170	28.2	174.0	22,500 *	32.7	185.7	24,300 *	35.2	191.4	25,500 *	38.9	199.1	27,600 *	42.2	204.9	27,400	45.3	209.0	25,600				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	24,900	40.6	198.1	23,200	43.6	201.8	21,700	180
190	5.5	106.1	14,100 *	17.4	142.1	19,500 *	21.5	153.7	20,500 *	27.0	167.8	22,200 *	31.5	177.8	22,600	35.4	185.1	21,100	38.7	190.2	19,600	190
200							9.2	116.2	18,200 *	18.7	143.6	19,900 *	24.7	158.8	20,600	29.3	169.1	19,200	33.3	176.2	17,800	200
210													15.1	130.5	18,700	21.9	147.8	17,400	26.8	158.6	16,100	210
220																9.9	111.7	15,700	18.4	134.1	14,500	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	48,700										120
130	51.5	238.0	34,900 *	54.2	242.9	38,200 *	55.8	245.2	40,400 *	58.3	248.1	43,400										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	36,600							140
150	43.2	219.4	27,600 *	46.3	226.0	30,000 *	48.1	229.3	31,500 *	50.9	233.7	34,400 *	53.5	236.8	32,900							150
160	38.6	207.7	24,600 *	42.0	215.6	26,700 *	43.9	219.5	28,000 *	46.8	224.8	30,500 *	49.6	228.7	29,700	52.2	231.3	27,800				160
170	33.4	193.7	22,100 *	37.2	203.3	23,900 *	39.3	208.0	25,000 *	42.5	214.6	27,200 *	45.5	219.4	26,800	48.2	222.8	25,100				170
180	27.4	176.4	19,800 *	31.8	188.5	21,400 *	34.2	194.5	22,400 *	37.8	202.5	24,300 *	41.1	208.7	24,300	44.0	213.1	22,700	46.7	216.0	21,100	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	22,100	39.5	201.7	20,500	42.4	205.7	19,000	190
200	5.3	106.5	12,100 *	16.9	143.5	17,100 *	20.9	155.5	18,000 *	26.3	170.1	19,500 *	30.6	180.6	20,100	34.4	188.2	18,600	37.7	193.6	17,200	200
210							8.9	116.9	16,000 *	18.2	145.1	17,400 *	24.0	160.9	18,300	28.5	171.6	16,900	32.3	179.1	15,500	210
220													14.7	131.8	16,600	21.3	149.7	15,300	26.1	160.9	14,000	220
230																9.6	112.5	13,800	17.9	135.7	12,600	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	42,800										130
140	50.1	242.7	30,500 *	52.7	247.8	33,300 *	54.2	250.3	35,100 *	56.7	253.5	38,200										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	32,200							150
160	42.1	223.2	24,200 *	45.1	230.2	26,200 *	46.8	233.6	27,600 *	49.5	238.3	30,000 *	52.0	241.7	29,000							160
170	37.6	211.1	21,600 *	40.8	219.3	23,400 *	42.7	223.4	24,600 *	45.6	229.0	26,700 *	48.3	233.2	26,200	50.8	236.1	24,400				170
180	32.5	196.6	19,300 *	36.2	206.6	20,900 *	38.2	211.5	21,900 *	41.4	218.3	23,800 *	44.3	223.5	23,700	46.9	227.2	22,000				180
190	26.7	178.8	17,300 *	31.0	191.3	18,700 *	33.3	197.4	19,600 *	36.8	205.9	21,300 *	40.0	212.3	21,500	42.8	217.0	19,900	45.5	220.2	18,400	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	19,500	38.4	205.2	18,000	41.2	209.5	16,500	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	17,700	33.5	191.2	16,300	36.7	196.9	14,900	210
220							8.7	117.7	13,900 *	17.7	146.7	15,200 *	23.4	163.0	16,000	27.8	174.1	14,700	31.5	181.9	13,400	220
230													14.3	133.0	14,500	20.7	151.5	13,200	25.4	163.2	12,000	230
240																9.4	113.3	11,900	17.4	137.2	10,700	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	167,200 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	130,900 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	119,200 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	109,300										75
80	11.1	112.3	70,000 *	30.6	133.9	82,400 *	37.7	140.4	90,400 *	47.4	147.4	100,800	55.5	151.2	97,800							80
85				20.7	122.9	75,400 *	30.2	132.7	82,100 *	41.4	142.1	93,400	50.3	147.3	90,700							85
90							20.1	121.5	75,100 *	34.6	135.5	86,400 *	44.7	142.5	84,500	52.8	146.1	81,900				90
95										26.3	126.6	78,700 *	38.4	136.7	78,900	47.4	141.7	76,600				95
100										13.6	112.0	72,100 *	31.0	129.1	74,000	41.5	136.4	71,900				100
105													21.3	118.4	69,600	34.7	129.8	67,600	44.0	135.0	65,600	105
110																26.3	120.9	63,700	37.6	129.0	61,900	110
115																13.7	106.4	60,200	30.1	121.2	58,500	115
120																			20.0	110.0	55,400	120





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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																50
55	57.6	167.0	119,400 *	64.2	170.9	149,300 *b	68.0	172.3	165,100 *b													55
60	53.2	163.4	105,900 *	60.2	168.2	129,300 *	64.1	170.0	148,300 *b													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	118,700 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	108,800										75
80	31.4	140.7	71,800 *	41.3	151.3	82,800 *	46.3	155.6	90,800 *	53.8	160.5	100,400										80
85	23.4	130.7	66,200 *	35.4	144.7	75,600 *	41.1	150.2	82,400 *	49.1	156.4	93,000	56.1	159.9	90,200							85
90	10.3	113.1	60,300 *	28.5	136.4	69,500 *	35.1	143.6	75,300 *	44.1	151.5	86,600	51.6	156.1	84,000							90
95				19.3	124.6	64,200 *	28.1	135.2	69,300 *	38.6	145.7	79,000 *	46.8	151.7	78,500							95
100							18.8	123.1	64,000 *	32.3	138.4	72,400 *	41.6	146.4	73,700	49.1	150.7	71,400				100
105										24.5	128.8	66,700 *	35.7	139.9	69,300	44.1	145.8	67,200				105
110										12.7	113.0	61,700 *	28.8	131.7	65,300	38.6	140.0	63,300	46.3	144.2	61,400	110
115													19.8	120.2	61,700	32.3	132.7	59,900	41.0	138.7	58,000	115
120																24.5	123.1	56,700	35.1	132.1	55,000	120
130																			18.6	111.6	49,600	130



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	108,400										75
80	40.8	158.0	71,900 *	48.2	165.7	83,000 *	52.2	169.0	91,100 *	58.3	172.7	100,000										80
85	35.6	151.5	66,300 *	43.7	160.7	75,800 *	48.0	164.7	82,600 *	54.5	169.3	92,700										85
90	29.5	143.4	61,400 *	38.8	154.8	69,600 *	43.5	159.6	75,500 *	50.4	165.3	86,300	56.5	168.6	83,600							90
95	22.0	132.6	57,000 *	33.3	147.7	64,300 *	38.6	153.7	69,400 *	46.1	160.7	79,200 *	52.6	164.9	78,100							95
100	9.6	113.9	52,400 *	26.8	138.8	59,600 *	33.0	146.6	64,100 *	41.4	155.3	72,600 *	48.4	160.7	73,300							100
105				18.1	126.2	55,500 *	26.4	137.5	59,400 *	36.3	149.0	66,900 *	43.9	155.8	68,900	50.4	159.6	66,700				105
110							17.6	124.6	55,300 *	30.3	141.1	61,900 *	39.1	149.9	65,000	46.1	155.0	63,000				110
115										23.0	130.8	57,500 *	33.6	142.9	61,500	41.5	149.7	59,500	48.0	153.2	57,600	115
120										11.9	114.0	53,600 *	27.1	134.1	58,200	36.3	143.3	56,400	43.5	148.2	54,600	120
130																23.1	125.1	50,900	33.0	135.1	49,300	130
140																			17.5	113.1	44,700	140



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	99,500										80
85	43.1	167.5	66,100 *	49.5	174.6	75,700 *	53.0	177.7	82,500 *	58.5	181.4	92,200										85
90	38.6	161.5	61,200 *	45.6	169.9	69,500 *	49.3	173.6	75,400 *	55.1	178.0	85,800										90
95	33.7	154.5	56,900 *	41.3	164.5	64,100 *	45.4	168.9	69,200 *	51.4	174.2	79,200 *	56.9	177.3	77,600							95
100	27.9	145.9	53,000 *	36.7	158.2	59,400 *	41.1	163.4	63,900 *	47.6	169.8	72,500 *	53.4	173.7	72,800							100
105	20.8	134.4	49,500 *	31.5	150.6	55,300 *	36.5	157.0	59,300 *	43.6	164.8	66,700 *	49.7	169.6	68,500							105
110	9.1	114.7	45,600 *	25.3	141.0	51,600 *	31.2	149.4	55,100 *	39.2	158.9	61,700 *	45.8	165.0	64,600	51.5	168.5	62,400				110
115				17.2	127.7	48,300 *	25.0	139.7	51,500 *	34.3	152.1	57,300 *	41.5	159.6	61,100	47.7	164.1	59,000				115
120							16.7	126.1	48,200 *	28.7	143.7	53,400 *	36.9	153.3	57,800	43.6	159.1	55,900				120
130										11.2	115.0	46,800 *	25.7	136.4	51,800 *	34.3	146.4	50,500	41.1	152.0	48,800	130
140																21.8	127.0	45,800	31.2	137.9	44,300	140
150																			16.6	114.5	40,400	150



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	91,700										85
90	44.8	176.8	62,700 *	50.5	183.5	71,300 *	53.7	186.5	77,400 *	58.6	190.0	85,400										90
95	40.9	171.2	58,300 *	47.0	179.0	65,800 *	50.4	182.5	71,000 *	55.5	186.7	79,800										95
100	36.7	164.9	54,300 *	43.3	173.9	60,900 *	46.9	178.0	65,500 *	52.3	183.0	74,400 *	57.2	186.0	72,300							100
105	32.0	157.4	50,800 *	39.3	168.1	56,700 *	43.1	172.9	60,700 *	48.9	178.8	68,500 *	54.0	182.5	68,000							105
110	26.6	148.2	47,600 *	34.9	161.3	52,900 *	39.1	167.0	56,500 *	45.3	174.0	63,300 *	50.7	178.5	64,100							110
115	19.8	136.2	44,700 *	30.0	153.2	49,500 *	34.7	160.2	52,700 *	41.4	168.6	58,800 *	47.2	174.1	60,600	52.3	177.3	58,500				115
120	8.6	115.4	38,500 *	24.1	143.2	46,500 *	29.7	152.0	49,400 *	37.3	162.3	54,800 *	43.5	169.0	57,400	48.9	173.1	55,400				120
130							15.9	127.4	43,600 *	27.3	146.1	48,000 *	35.1	156.5	51,800	41.4	162.9	50,000	46.8	166.6	48,300	130
140										10.7	115.9	42,400 *	24.4	138.5	46,600 *	32.7	149.3	45,400	39.1	155.5	43,900	140
150																20.8	128.9	41,400	29.7	140.6	40,000	150
160																			15.8	115.8	36,600	160



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	84,900										90
95	46.2	185.9	57,900 *	51.4	192.3	65,400 *	54.2	195.2	70,600 *	58.8	198.7	79,300										95
100	42.8	180.7	53,900 *	48.2	188.0	60,500 *	51.2	191.4	65,100 *	55.9	195.4	74,000 *										100
105	39.1	174.8	50,400 *	44.9	183.2	56,300 *	48.1	187.0	60,300 *	52.9	191.8	68,100 *	57.4	194.7	67,500							105
110	35.1	168.1	47,200 *	41.4	177.7	52,500 *	44.7	182.1	56,100 *	49.9	187.7	62,900 *	54.5	191.2	63,600							110
115	30.6	160.1	44,300 *	37.5	171.5	49,100 *	41.2	176.7	52,300 *	46.6	183.1	58,400 *	51.5	187.4	60,100							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	56,900	53.0	186.1	54,900				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	51,400	46.7	177.4	49,500				130
140							15.1	128.7	38,400 *	26.1	148.4	42,000 *	33.6	159.5	46,200 *	39.6	166.5	45,000	44.7	170.7	43,300	140
150										10.2	116.7	37,400 *	23.3	140.6	40,900 *	31.2	152.1	41,000	37.3	158.9	39,500	150
160																19.9	130.6	37,600	28.4	143.1	36,200	160
170																			15.0	117.1	33,200	170



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	79,000										95
100	47.4	195.0	54,000 *	52.1	201.1	60,700 *	54.7	204.0	65,400 *	58.9	207.4	74,100										100
105	44.3	190.0	50,400 *	49.2	197.0	56,400 *	51.9	200.2	60,500 *	56.2	204.1	68,400 *										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	63,300							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	59,900							115
120	33.6	171.1	41,700 *	39.6	181.3	46,100 *	42.9	186.1	49,000 *	47.8	192.2	54,500 *	52.2	196.2	56,700							120
130	24.4	152.6	37,100 *	32.0	167.2	40,800 *	35.8	173.7	43,200 *	41.4	181.8	47,600 *	46.3	187.4	51,100	50.7	190.9	49,300				130
140	7.9	116.7	30,500 *	22.1	147.1	36,300 *	27.2	157.0	38,400 *	34.1	168.6	42,000 *	39.8	176.5	46,200 *	44.7	181.6	44,700				140
150							14.5	130.0	34,300 *	25.0	150.6	37,400 *	32.2	162.4	40,900 *	38.0	170.0	40,800	42.8	174.7	39,300	150
160										9.8	117.5	33,400 *	22.4	142.5	36,400 *	29.9	154.8	37,400	35.8	162.2	36,000	160
170																19.0	132.2	34,400	27.2	145.5	33,100	170
180																			14.4	118.4	30,500	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	73,600										100
105	48.4	204.0	50,000 *	52.7	209.9	56,000 *	55.1	212.7	60,100 *	58.9	216.0	68,000 *										105
110	45.6	199.2	46,800 *	50.0	205.9	52,100 *	52.5	209.0	55,800 *	56.5	212.8	62,700 *										110
115	42.6	193.9	43,900 *	47.3	201.4	48,700 *	49.9	204.9	52,000 *	54.0	209.3	58,100 *	57.8	212.0	59,400							115
120	39.4	188.1	41,300 *	44.4	196.4	45,600 *	47.1	200.4	48,600 *	51.4	205.4	54,000 *	55.3	208.6	56,200							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	50,700							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	44,200				140
150	7.6	117.3	27,000 *	21.3	149.0	32,100 *	26.2	159.3	33,800 *	32.8	171.6	36,900 *	38.3	180.0	40,400 *	43.0	185.5	40,300	47.1	188.9	38,800	150
160							14.0	131.2	30,400 *	24.1	152.7	33,000 *	31.0	165.2	36,000 *	36.5	173.3	37,000	41.2	178.4	35,500	160
170										9.4	118.3	29,600 *	21.5	144.4	32,200 *	28.8	157.4	34,000	34.4	165.3	32,700	170
180																18.3	133.8	31,300	26.2	147.8	30,100	180
190																			13.9	119.6	27,800	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	68,600 *										105
110	49.2	212.9	47,100 *	53.2	218.7	52,500 *	55.4	221.4	56,200 *	59.0	224.7	63,300 *										110
115	46.6	208.3	44,200 *	50.7	214.7	49,100 *	53.1	217.7	52,400 *	56.7	221.5	58,600 *										115
120	43.9	203.3	41,500 *	48.2	210.4	45,900 *	50.6	213.7	48,900 *	54.4	218.0	54,500 *	57.9	220.7	55,700							120
130	38.0	191.5	36,900 *	42.8	200.4	40,600 *	45.4	204.6	43,000 *	49.5	210.0	47,500 *	53.3	213.7	50,200							130
140	31.2	176.8	32,800 *	36.8	188.2	36,000 *	39.7	193.5	38,100 *	44.3	200.5	41,800 *	48.3	205.4	45,500	52.0	208.5	43,800				140
150	22.6	156.7	29,300 *	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	39,900				150
160	7.3	117.9	22,700 *	20.5	150.8	28,700 *	25.3	161.5	30,300 *	31.7	174.4	33,200 *	36.9	183.3	36,200 *	41.4	189.4	36,500	45.4	193.1	35,000	160
170							13.5	132.3	27,100 *	23.2	154.8	29,700 *	29.9	167.9	32,300 *	35.2	176.5	33,600	39.7	182.1	32,200	170
180										9.0	119.1	26,500 *	20.8	146.3	28,900 *	27.8	159.8	30,900	33.2	168.3	29,700	180
190																17.7	135.4	28,000 *	25.2	150.0	27,400	190
200																			13.4	120.7	25,300	200





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	49,700							130
140	36.8	194.9	32,400 *	41.4	204.2	35,500 *	43.9	208.7	37,600 *	47.8	214.5	41,300 *	51.5	218.6	45,000							140
150	30.2	179.5	29,000 *	35.5	191.4	31,700 *	38.4	197.0	33,500 *	42.8	204.5	36,600 *	46.7	209.8	40,200 *	50.2	213.2	39,400				150
160	21.9	158.6	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	36,000				160
170	7.1	118.5	20,000 *	19.8	152.5	25,400 *	24.5	163.7	26,800 *	30.6	177.2	29,300 *	35.7	186.5	31,800 *	40.1	193.0	33,100	43.9	197.2	31,700	170
180							13.0	133.5	23,900 *	22.5	156.7	26,200 *	28.9	170.4	28,500 *	34.0	179.5	30,500	38.4	185.6	29,200	180
190										8.7	119.8	23,400 *	20.1	148.0	25,500 *	26.9	162.2	27,700 *	32.1	171.2	26,900	190
200																17.1	136.9	24,800 *	24.4	152.2	24,900	200
210																			12.9	121.8	23,000	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	77,000													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	55,300										110
115	52.7	234.7	43,600 *	56.1	239.8	48,600 *	58.0	242.1	52,000 *	61.1	244.9	52,000										115
120	50.6	230.7	41,000 *	54.0	236.2	45,400 *	56.0	238.8	48,500 *	59.1	242.0	49,000										120
130	46.0	221.6	36,300 *	49.7	228.2	40,000 *	51.8	231.4	42,500 *	55.1	235.4	43,700										130
140	41.1	210.9	32,300 *	45.1	218.9	35,400 *	47.3	222.7	37,500 *	50.8	227.8	39,200	54.1	231.2	36,700							140
150	35.6	198.1	28,800 *	40.1	207.8	31,600 *	42.5	212.6	33,400 *	46.3	218.8	35,300	49.8	223.3	33,100	53.0	226.1	30,800				150
160	29.3	182.1	25,800 *	34.4	194.5	28,200 *	37.2	200.4	29,800 *	41.4	208.3	32,000	45.2	214.0	29,900	48.6	217.8	27,800				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	27,100	43.9	208.1	25,200	47.3	211.3	23,300	170
180	6.8	119.1	17,800 *	19.2	154.2	22,700 *	23.7	165.8	23,900 *	29.7	179.8	26,100 *	34.6	189.7	24,600	38.8	196.6	22,800	42.5	201.1	21,100	180
190							12.6	134.5	21,400 *	21.8	158.7	23,400 *	28.0	172.9	22,400	33.0	182.5	20,700	37.2	188.9	19,100	190
200										8.5	120.5	20,900 *	19.5	149.7	20,400	26.0	164.5	18,800	31.1	174.0	17,300	200
210																16.6	138.3	17,100	23.7	154.3	15,600	210
220																			12.5	122.9	14,100	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	51,400										115
120	53.2	243.4	40,400 *	56.3	248.4	44,900 *	58.1	250.8	47,900 *	61.0	253.6	48,300										120
130	49.0	235.3	35,700 *	52.4	241.2	39,400 *	54.3	244.0	41,900 *	57.3	247.5	43,000										130
140	44.7	225.7	31,800 *	48.2	232.7	34,900 *	50.2	236.1	37,000 *	53.4	240.5	38,600	56.4	243.4	36,100							140
150	39.9	214.6	28,400 *	43.7	222.9	31,100 *	45.9	227.0	32,800 *	49.3	232.4	34,700	52.5	236.2	32,400							150
160	34.6	201.2	25,400 *	38.9	211.4	27,800 *	41.3	216.3	29,300 *	44.9	223.0	31,400	48.3	227.8	29,200	51.4	230.9	27,100				160
170	28.4	184.6	22,800 *	33.4	197.5	24,900 *	36.1	203.7	26,200 *	40.2	211.9	28,500	43.9	218.0	26,500	47.2	222.2	24,500				170
180	20.6	162.3	20,400 *	27.0	180.0	22,300 *	30.2	188.1	23,500 *	34.9	198.7	25,700 *	39.0	206.5	24,000	42.6	212.0	22,200	45.9	215.6	20,400	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	21,800	37.7	200.0	20,100	41.2	204.9	18,400	190
200							12.3	135.6	18,800 *	21.2	160.5	20,600 *	27.2	175.3	19,800	32.0	185.4	18,200	36.1	192.2	16,600	200
210										8.2	121.2	18,400 *	18.9	151.4	18,000	25.3	166.8	16,500	30.2	176.7	15,000	210
220																16.1	139.7	14,900	23.0	156.3	13,500	220
230																			12.2	123.9	12,100	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	47,700										120
130	51.6	248.3	35,200 *	54.7	253.7	38,900 *	56.4	256.2	41,400 *	59.2	259.3	42,500										130
140	47.7	239.7	31,300 *	50.9	246.0	34,400 *	52.7	249.0	36,500 *	55.6	252.9	38,000										140
150	43.4	229.7	27,900 *	46.8	237.1	30,600 *	48.8	240.7	32,300 *	51.9	245.4	34,200	54.8	248.7	31,800							150
160	38.8	218.1	25,000 *	42.5	226.8	27,300 *	44.6	231.1	28,800 *	47.9	236.9	30,900	51.0	241.0	28,700							160
170	33.6	204.3	22,400 *	37.8	214.8	24,400 *	40.1	220.0	25,800 *	43.7	227.0	28,000	46.9	232.1	25,900	49.9	235.6	23,900				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	23,500	45.8	226.4	21,600				180
190	20.0	164.0	17,900 *	26.3	182.4	19,600 *	29.4	190.8	20,700 *	33.9	201.8	22,600 *	37.9	210.0	21,300	41.4	215.8	19,500	44.6	219.7	17,800	190
200	6.4	120.2	13,500 *	18.2	157.4	17,600 *	22.4	169.8	18,500 *	28.0	184.9	20,300 *	32.6	195.6	19,300	36.6	203.3	17,700	40.1	208.6	16,000	200
210							11.9	136.6	16,500 *	20.6	162.3	18,100 *	26.4	177.7	17,500	31.1	188.2	16,000	35.1	195.4	14,400	210
220										8.0	121.9	16,200 *	18.4	153.0	15,900	24.6	168.9	14,400	29.4	179.3	13,000	220
230																15.6	141.1	13,000	22.3	158.3	11,600	230
240																11.8	125.0	10,400	11.8	125.0	10,400	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	41,800										130	
140	50.2	253.0	30,700 *	53.2	258.7	33,800 *	54.9	261.4	35,900 *	57.6	264.9	37,400										140	
150	46.4	244.0	27,300 *	49.5	250.6	30,000 *	51.3	253.8	31,800 *	54.1	258.0	33,600	56.8	260.8	31,200							150	
160	42.2	233.6	24,400 *	45.6	241.3	26,700 *	47.5	245.1	28,300 *	50.5	250.2	30,300	53.3	253.7	28,000							160	
170	37.7	221.5	21,900 *	41.4	230.6	23,900 *	43.4	235.1	25,200 *	46.6	241.2	27,400	49.6	245.6	25,300	52.3	248.5	23,200				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	22,800	48.6	240.1	20,900				180	
190	26.9	189.5	17,500 *	31.6	203.2	19,200 *	34.2	209.9	20,200 *	38.0	219.0	22,000 *	41.5	225.7	20,700	44.6	230.6	18,900	47.4	233.7	17,100	190	
200	19.5	165.7	15,600 *	25.6	184.6	17,100 *	28.6	193.3	18,100 *	33.1	204.8	19,800 *	36.9	213.3	18,700	40.3	219.5	17,000	43.4	223.7	15,400	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	17,000	35.6	206.5	15,300	39.0	212.1	13,800	210
220							11.6	137.6	14,400 *	20.0	164.1	15,800 *	25.8	180.0	15,300	30.3	190.9	13,800	34.2	198.5	12,300	220	
230										7.8	122.5	14,000 *	17.9	154.5	13,800	23.9	171.1	12,400	28.6	181.8	11,000	230	
240																15.2	142.4	11,100	21.8	160.2	9,800	240	
250																			11.5	125.9	8,600	250	



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	166,300 b													55
60	47.1	160.5	106,200 *	56.5	167.0	132,900 *b	61.6	169.4	148,500 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	118,000 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	108,100										75
80	12.6	124.1	71,900 *	32.5	145.9	84,400 *	40.0	152.5	93,700 *	50.3	159.4	99,800										80
85				23.5	136.0	77,000 *	33.0	145.5	84,800 *	44.6	154.7	92,500	53.9	159.4	89,300							85
90				6.3	115.8	70,400 *	24.1	135.9	77,400 *	38.3	148.8	86,100	48.6	155.3	83,200							90
95							8.4	117.5	71,000 *	30.9	141.2	80,500	42.8	150.2	77,800	52.0	154.5	75,100				95
100										21.2	130.5	75,400 *	36.2	143.9	73,000	46.5	150.0	70,500				100
105													28.2	135.6	68,600	40.5	144.6	66,300				105
110													17.1	123.0	64,600	33.5	137.7	62,500	44.0	143.6	60,400	110
115																24.8	128.3	59,100	37.6	137.6	57,100	115
120																10.4	111.5	55,800	30.1	129.9	54,100	120



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	148,100 b													60
65	48.9	169.5	95,600 *	56.9	175.7	117,200 *	61.4	178.1	133,600 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	107,700										75
80	31.9	151.3	72,200 *	42.7	162.6	84,700 *	48.1	167.1	94,100 *	56.1	172.1	99,300										80
85	24.0	141.5	66,600 *	36.9	156.4	77,300 *	43.0	162.0	85,200 *	51.6	168.3	92,100										85
90	11.7	125.1	61,600 *	30.3	148.6	70,900 *	37.3	155.9	77,700 *	46.8	163.8	85,700	54.7	168.2	82,700							90
95				21.9	138.0	65,400 *	30.7	148.2	71,300 *	41.5	158.5	80,100	50.1	164.2	77,300							95
100				5.8	116.2	60,400 *	22.4	137.8	65,700 *	35.7	152.0	75,200	45.2	159.5	72,500							100
105							7.8	118.1	60,800 *	28.8	143.8	69,600 *	39.8	153.9	68,200	48.4	159.1	65,800				105
110										19.7	132.2	64,200 *	33.7	146.9	64,400	43.3	154.1	62,100				110
115													26.3	138.0	60,800	37.7	148.0	58,700	46.3	152.8	56,600	115
120													15.9	124.4	57,600	31.2	140.5	55,600	41.0	147.4	53,600	120
130																9.7	112.3	50,000	28.0	132.3	48,300	130



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	133,200													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	98,900										80
85	36.0	162.0	66,700 *	44.9	171.9	77,400 *	49.5	176.1	85,400 *	56.5	180.8	91,700										85
90	30.0	154.0	61,700 *	40.1	166.3	71,100 *	45.1	171.3	77,900 *	52.6	177.1	85,400										90
95	22.6	143.5	57,300 *	34.7	159.5	65,500 *	40.3	165.7	71,400 *	48.4	172.8	79,800	55.3	176.9	76,900							95
100	11.0	126.0	53,400 *	28.5	151.1	60,700 *	35.0	159.1	65,900 *	43.9	167.9	74,800	51.3	173.1	72,100							100
105				20.6	139.7	56,500 *	28.9	150.8	61,000 *	39.0	162.1	69,700 *	47.0	168.6	67,900							105
110				5.5	116.6	52,400 *	21.1	139.7	56,700 *	33.5	155.0	64,400 *	42.5	163.4	64,000	49.8	168.0	61,600				110
115							7.3	118.7	52,800 *	27.0	146.2	59,700 *	37.4	157.3	60,500	45.4	163.3	58,300				115
120										18.5	133.8	55,500 *	31.7	149.8	57,300	40.7	157.8	55,200	48.0	161.9	53,200	120
130													15.0	125.6	51,700	29.4	143.1	49,800	38.5	150.9	48,000	130
140																9.1	113.0	45,100	26.4	134.7	43,600	140





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	132,800													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	91,200										85
90	38.9	172.0	61,500 *	46.5	181.0	70,900 *	50.6	185.0	77,700 *	56.9	189.5	84,900										90
95	34.0	165.0	57,100 *	42.4	175.8	65,400 *	46.8	180.4	71,300 *	53.3	185.9	79,300										95
100	28.4	156.5	53,300 *	37.9	169.7	60,500 *	42.6	175.3	65,700 *	49.6	181.8	74,400	55.8	185.6	71,600							100
105	21.4	145.4	49,800 *	32.8	162.5	56,300 *	38.2	169.2	60,800 *	45.7	177.1	69,600 *	52.2	181.9	67,300							105
110	10.4	126.9	46,600 *	27.0	153.5	52,500 *	33.1	162.1	56,500 *	41.5	171.7	64,200 *	48.5	177.6	63,500							110
115				19.5	141.4	49,100 *	27.3	153.2	52,700 *	36.9	165.4	59,500 *	44.5	172.8	60,100	50.9	176.9	57,700				115
120				5.1	117.0	45,900 *	20.0	141.4	49,300 *	31.7	157.9	55,400 *	40.1	167.1	56,900	47.1	172.4	54,700				120
130										17.5	135.3	48,400 *	30.0	152.5	51,400	38.5	161.3	49,400	45.3	166.1	47,400	130
140													14.2	126.9	46,600	27.8	145.6	44,800	36.4	154.2	43,100	140
150																8.6	113.7	40,800	24.9	136.9	39,300	150



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	120,300													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	84,400										90
95	41.2	181.6	58,600 *	47.9	190.1	67,000 *	51.5	193.8	73,100 *	57.2	198.1	78,800										95
100	37.0	175.4	54,600 *	44.2	185.1	62,100 *	48.1	189.5	67,400 *	54.0	194.6	73,900										100
105	32.4	167.9	51,000 *	40.3	179.5	57,700 *	44.4	184.6	62,300 *	50.6	190.7	69,500	56.2	194.3	66,900							105
110	27.0	158.9	47,800 *	36.0	173.0	53,800 *	40.5	179.0	57,900 *	47.2	186.2	65,600	53.0	190.7	63,000							110
115	20.3	147.1	44,900 *	31.2	165.3	50,300 *	36.3	172.5	54,000 *	43.4	181.1	61,000 *	49.6	186.6	59,600							115
120	9.9	127.7	39,900 *	25.7	155.8	47,200 *	31.5	164.9	50,500 *	39.5	175.3	56,800 *	46.0	181.9	56,400	51.8	185.7	54,200				120
130				4.8	117.3	39,500 *	19.0	143.0	44,500 *	30.2	160.6	49,600 *	38.2	170.6	50,900	44.7	176.6	48,900				130
140										16.7	136.7	43,700 *	28.5	155.0	46,300	36.6	164.7	44,400	43.1	170.1	42,600	140
150													13.5	128.0	42,200	26.4	147.9	40,500	34.7	157.4	38,900	150
160																8.1	114.4	37,000	23.7	139.0	35,600	160



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	83,900										90
95	46.5	196.2	58,200 *	52.1	203.2	66,600 *	55.3	206.4	72,700 *	60.2	209.9	78,300										95
100	43.0	191.1	54,200 *	49.0	199.0	61,700 *	52.3	202.6	67,000 *	57.4	206.8	73,400										100
105	39.4	185.3	50,600 *	45.7	194.3	57,300 *	49.2	198.4	61,900 *	54.5	203.4	69,000										105
110	35.4	178.6	47,400 *	42.2	189.0	53,400 *	45.9	193.8	57,500 *	51.5	199.5	65,100	56.5	203.0	62,500							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	59,100							115
120	25.8	161.2	41,900 *	34.4	176.1	46,800 *	38.7	182.5	50,100 *	45.0	190.4	56,400 *	50.5	195.4	55,900							120
130	9.4	128.5	35,200 *	24.5	158.0	41,400 *	30.1	167.6	44,100 *	37.7	178.8	49,200 *	44.0	186.0	50,500	49.4	190.4	48,400				130
140				4.6	117.7	34,900 *	18.2	144.6	39,200 *	28.8	163.2	43,400 *	36.5	173.9	45,800	42.7	180.5	43,900	48.0	184.2	42,100	140
150										15.9	138.1	38,500 *	27.2	157.4	41,800	35.0	167.8	40,100	41.1	173.9	38,400	150
160													12.9	129.1	37,900 *	25.3	150.1	36,700	33.1	160.4	35,100	160
170																7.7	115.0	33,600	22.7	141.0	32,300	170



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	78,100										95
100	47.6	205.3	54,300 *	52.8	212.0	61,900 *	55.6	215.1	67,300 *	60.2	218.6	73,200										100
105	44.5	200.4	50,700 *	49.9	207.9	57,400 *	52.9	211.4	62,200 *	57.6	215.5	68,800										105
110	41.2	194.9	47,500 *	46.9	203.4	53,500 *	50.1	207.3	57,700 *	54.9	212.1	64,900										110
115	37.7	188.7	44,500 *	43.8	198.4	50,000 *	47.1	202.8	53,700 *	52.2	208.3	60,900 *	56.8	211.7	58,800							115
120	33.9	181.6	41,900 *	40.5	192.7	46,800 *	44.0	197.8	50,200 *	49.3	204.1	56,500 *	54.1	208.2	55,700							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	50,200							130
140	9.0	129.2	31,400 *	23.5	160.0	36,800 *	28.9	170.2	39,200 *	36.1	182.0	43,400 *	42.1	189.9	45,600	47.3	194.8	43,700				140
150				4.4	118.0	31,100 *	17.4	146.1	35,000 *	27.7	165.6	38,500 *	35.0	177.1	41,600	40.9	184.3	39,800	46.0	188.5	38,100	150
160										15.3	139.4	34,400 *	26.1	159.7	37,900 *	33.5	170.8	36,500	39.4	177.5	34,900	160
170													12.3	130.1	33,900 *	24.2	152.3	33,600	31.8	163.2	32,100	170
180																7.4	115.6	30,900	21.8	142.9	29,600	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	72,700										100
105	48.6	214.3	50,200 *	53.3	220.8	57,000 *	56.0	223.8	61,700 *	60.2	227.2	68,300										105
110	45.8	209.5	47,000 *	50.7	216.8	53,000 *	53.4	220.2	57,200 *	57.8	224.2	64,400										110
115	42.8	204.3	44,100 *	48.0	212.4	49,500 *	50.8	216.2	53,300 *	55.3	220.8	60,400 *										115
120	39.7	198.5	41,400 *	45.1	207.6	46,300 *	48.1	211.8	49,700 *	52.8	217.1	56,100 *	57.0	220.4	55,200							120
130	32.6	184.5	36,800 *	38.9	196.3	40,900 *	42.3	201.7	43,700 *	47.4	208.6	48,800 *	52.0	213.1	49,700							130
140	23.8	165.5	32,900 *	31.8	181.9	36,400 *	35.7	189.1	38,700 *	41.5	198.2	42,900 *	46.5	204.3	45,100	51.0	208.1	43,100				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	41,200	45.5	199.0	39,300				150
160				4.2	118.3	27,600 *	16.8	147.6	30,900 *	26.6	168.0	34,000 *	33.6	180.1	37,400 *	39.4	187.9	36,000	44.2	192.6	34,400	160
170										14.7	140.7	30,500 *	25.2	162.0	33,400 *	32.3	173.7	33,100	37.9	180.9	31,600	170
180													11.9	131.1	30,000 *	23.3	154.3	30,500	30.6	165.9	29,100	180
190																7.1	116.2	28,100	20.9	144.7	26,900	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	67,800										105
110	49.4	223.2	47,300 *	53.8	229.5	53,400 *	56.2	232.5	57,700 *	60.2	235.9	63,900										110
115	46.8	218.6	44,400 *	51.3	225.7	49,900 *	53.9	228.9	53,700 *	57.9	232.8	60,300										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	49,200							130
140	31.5	187.4	33,100 *	37.5	199.7	36,600 *	40.8	205.5	38,900 *	45.7	212.8	43,200 *	50.1	217.8	44,700							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	40,700	49.2	212.7	38,900				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	37,300	43.8	203.1	35,600				160
170				4.1	118.7	23,800 *	16.2	149.0	27,800 *	25.7	170.3	30,700 *	32.4	183.0	33,600 *	37.9	191.3	32,700	42.6	196.5	31,100	170
180										14.2	141.9	27,500 *	24.3	164.1	30,200 *	31.1	176.5	30,100	36.6	184.2	28,700	180
190													11.4	132.1	27,000 *	22.5	156.3	27,800	29.5	168.6	26,500	190
200																6.9	116.8	25,700	20.2	146.5	24,500	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	76,500													90
95	59.0	246.6	57,800 *	62.6	250.8	66,600 *	64.7	252.6	71,200													95
100	56.8	243.4	53,700 *	60.6	248.1	61,400 *	62.7	250.1	66,400													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	54,600										110
115	50.1	232.1	43,800 *	54.2	238.3	49,300 *	56.5	241.1	53,100 *	60.2	244.6	51,300										115
120	47.7	227.7	41,200 *	51.9	234.5	46,100 *	54.3	237.6	49,600 *	58.1	241.5	48,300										120
130	42.6	217.6	36,500 *	47.2	225.8	40,600 *	49.7	229.7	43,400 *	53.7	234.6	43,100	57.4	237.7	40,100							130
140	37.0	205.4	32,600 *	42.0	215.5	36,100 *	44.8	220.3	38,400 *	49.1	226.5	38,700	53.0	230.7	35,900							140
150	30.4	190.1	29,200 *	36.3	203.0	32,200 *	39.4	209.1	34,200 *	44.1	216.9	34,900	48.4	222.3	32,300	52.2	225.7	29,800				150
160	22.2	169.5	26,200 *	29.6	187.3	28,900 *	33.3	195.2	30,600 *	38.7	205.4	31,600	43.3	212.5	29,200	47.5	217.2	26,900				160
170	8.1	131.3	21,100 *	21.1	165.8	25,900 *	26.0	177.3	27,500 *	32.4	191.1	28,700	37.8	200.6	26,500	42.4	207.0	24,300	46.4	210.9	22,200	170
180				3.9	119.0	21,100 *	15.6	150.3	24,600 *	24.8	172.4	26,100	31.4	185.8	24,000	36.7	194.7	22,000	41.2	200.3	20,000	180
190										13.7	143.1	23,700	23.5	166.2	21,800	30.1	179.2	19,900	35.4	187.4	18,100	190
200													11.1	133.1	19,800	21.8	158.2	18,100	28.5	171.1	16,300	200
210																6.6	117.3	16,300	19.5	148.2	14,700	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	70,700													95
100	59.0	255.2	53,900 *	62.5	259.5	61,700 *	64.5	261.3	66,000													100
105	57.0	252.1	50,200 *	60.5	256.7	57,100 *	62.6	258.8	61,700													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	50,900										115
120	50.7	240.9	41,100 *	54.5	247.0	46,200 *	56.7	249.8	49,600 *	60.1	253.2	47,900										120
130	46.2	231.9	36,400 *	50.2	239.2	40,600 *	52.5	242.6	43,400 *	56.2	246.9	42,700										130
140	41.3	221.3	32,400 *	45.7	230.0	36,000 *	48.1	234.2	38,300 *	52.0	239.5	38,300	55.5	243.1	35,500							140
150	35.8	208.6	29,000 *	40.7	219.2	32,100 *	43.4	224.3	34,000 *	47.5	230.9	34,500	51.3	235.5	31,900							150
160	29.5	192.7	26,100 *	35.2	206.2	28,700 *	38.2	212.5	30,400 *	42.7	220.8	31,200	46.8	226.7	28,800	50.5	230.5	26,500				160
170	21.5	171.4	23,400 *	28.7	189.9	25,800 *	32.3	198.1	27,300 *	37.4	208.8	28,400	42.0	216.3	26,100	46.0	221.4	23,900				170
180	7.8	132.0	18,800 *	20.5	167.6	23,100 *	25.2	179.6	24,500 *	31.4	193.9	25,800	36.6	203.9	23,700	41.0	210.7	21,700	45.0	215.1	19,700	180
190				3.8	119.2	18,800 *	15.1	151.6	22,000 *	24.1	174.6	23,500	30.4	188.6	21,600	35.5	197.9	19,600	39.9	204.0	17,700	190
200										13.3	144.2	21,400	22.7	168.2	19,600	29.2	181.8	17,800	34.3	190.5	16,000	200
210													10.7	134.0	17,800	21.1	160.1	16,100	27.6	173.6	14,500	210
220																6.4	117.8	14,500	18.9	149.8	13,000	220





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	70,100													95
100	60.9	266.8	53,300 *	64.1	270.7	61,200 *	66.0	272.4	65,400													100
105	59.1	263.9	49,600 *	62.3	268.2	56,600 *	64.2	270.0	61,100													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	47,300										120
130	49.2	245.6	35,900 *	52.9	252.0	40,100 *	54.9	255.1	42,900 *	58.3	258.9	42,100										130
140	44.8	236.1	31,900 *	48.7	243.8	35,400 *	50.9	247.4	37,800 *	54.4	252.1	37,700	57.7	255.1	34,800							140
150	40.1	225.0	28,500 *	44.3	234.1	31,500 *	46.7	238.5	33,500 *	50.4	244.3	33,900	53.8	248.2	31,300							150
160	34.8	211.7	25,600 *	39.5	222.8	28,200 *	42.1	228.2	29,900 *	46.1	235.2	30,600	49.8	240.2	28,200							160
170	28.6	195.3	23,000 *	34.1	209.3	25,300 *	37.1	215.9	26,800 *	41.5	224.6	27,800	45.4	230.9	25,500	49.0	235.1	23,200				170
180	20.9	173.2	20,600 *	27.9	192.4	22,800 *	31.3	200.9	24,100 *	36.3	212.1	25,200	40.7	220.1	23,100	44.6	225.6	21,000				180
190	7.6	132.6	16,400 *	19.9	169.3	20,400 *	24.4	181.7	21,600 *	30.5	196.7	23,000	35.5	207.1	20,900	39.8	214.4	19,000	43.6	219.1	17,100	190
200				3.7	119.5	16,500 *	14.7	152.9	19,400 *	23.4	176.6	20,900	29.5	191.2	19,000	34.5	201.0	17,200	38.7	207.5	15,400	200
210										12.9	145.3	19,000	22.1	170.1	17,300	28.3	184.3	15,500	33.3	193.5	13,800	210
220													10.4	134.9	15,600	20.5	161.9	14,000	26.8	175.9	12,400	220
230																6.2	118.3	12,500	18.4	151.4	11,100	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	60,600													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	41,500										130
140	47.8	250.0	31,400 *	51.3	256.9	34,900 *	53.4	260.2	37,300 *	56.6	264.3	37,100										140
150	43.5	240.1	28,000 *	47.3	248.2	31,000 *	49.5	252.1	33,000 *	52.9	257.1	33,300	56.0	260.5	30,700							150
160	38.9	228.6	25,100 *	43.1	238.1	27,700 *	45.4	242.7	29,400 *	49.0	248.9	30,100	52.3	253.1	27,600							160
170	33.8	214.8	22,500 *	38.4	226.3	24,800 *	40.9	231.9	26,300 *	44.8	239.4	27,200	48.3	244.7	24,900	51.6	248.2	22,600				170
180	27.8	197.8	20,300 *	33.2	212.3	22,300 *	36.0	219.2	23,600 *	40.3	228.3	24,700	44.1	235.0	22,500	47.6	239.5	20,400				180
190	20.3	175.0	18,100 *	27.1	194.8	20,000 *	30.5	203.7	21,200 *	35.3	215.3	22,500	39.6	223.7	20,400	43.3	229.6	18,400	46.7	233.3	16,400	190
200	7.4	133.2	14,300 *	19.3	171.0	17,900 *	23.7	183.8	19,000 *	29.7	199.3	20,400	34.5	210.2	18,500	38.7	217.9	16,600	42.4	223.0	14,800	200
210				3.5	119.8	14,400 *	14.3	154.1	17,000 *	22.7	178.6	18,600	28.7	193.7	16,800	33.5	204.0	15,000	37.7	210.9	13,200	210
220										12.5	146.4	16,800 *	21.5	172.0	15,200	27.5	186.8	13,500	32.3	196.4	11,800	220
230													10.1	135.7	13,600	19.9	163.6	12,100	26.1	178.3	10,600	230
240																6.0	118.8	10,700	17.9	153.0	9,400	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	40,800										130
140	50.4	263.3	30,800 *	53.6	269.5	34,400 *	55.5	272.5	36,700 *	58.5	276.2	36,500										140
150	46.5	254.3	27,400 *	49.9	261.6	30,500 *	51.9	265.1	32,400 *	55.0	269.5	32,700	57.9	272.4	30,000							150
160	42.4	244.0	24,500 *	46.1	252.4	27,100 *	48.1	256.6	28,800 *	51.4	262.0	29,500	54.5	265.6	26,900							160
170	37.9	232.0	22,000 *	41.9	241.9	24,200 *	44.1	246.8	25,700 *	47.6	253.3	26,600	50.8	257.9	24,200							170
180	32.9	217.7	19,700 *	37.4	229.7	21,700 *	39.8	235.6	23,000 *	43.6	243.4	24,100	47.0	249.1	21,900	50.2	252.9	19,700				180
190	27.1	200.2	17,700 *	32.3	215.2	19,500 *	35.1	222.3	20,600 *	39.2	231.9	21,900	42.9	239.0	19,800	46.3	243.8	17,700				190
200	19.8	176.7	15,800 *	26.4	197.1	17,500 *	29.7	206.3	18,500 *	34.4	218.4	19,800	38.5	227.2	17,900	42.2	233.4	15,900	45.5	237.5	14,100	200
210	7.2	133.8	12,300 *	18.8	172.7	15,600 *	23.1	185.8	16,600 *	28.9	201.9	18,000	33.6	213.3	16,100	37.7	221.3	14,300	41.2	226.8	12,500	210
220				3.4	120.1	12,400 *	13.9	155.4	14,800 *	22.1	180.6	16,300	28.0	196.2	14,600	32.7	206.9	12,800	36.7	214.3	11,200	220
230										12.2	147.5	14,600 *	20.9	173.8	13,100	26.8	189.2	11,500	31.5	199.3	9,900	230
240													9.8	136.6	11,700	19.4	165.3	10,200	25.4	180.5	8,700	240
250																5.9	119.3	9,000	17.4	154.5	7,600	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	165,200 b													55
60	47.5	170.9	107,100 *	57.7	177.7	137,500 *b	63.2	180.2	147,500 b													60
65	41.5	165.6	95,900 *	52.6	174.1	120,200 *	58.5	177.3	133,200 b													65
70	34.8	159.0	86,700 *	47.2	169.7	106,500 *	53.5	173.8	121,200	62.8	177.7	116,700 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	107,000 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	98,700										80
85				26.0	148.7	78,700 *	35.6	158.0	87,700 *	47.6	166.9	91,500	57.3	171.3	88,000 b							85
90				13.0	133.7	72,100 *	27.5	149.5	79,800 *	41.7	161.6	85,200	52.3	167.6	81,900							90
95							15.8	136.2	73,100 *	34.9	155.1	79,600	46.8	163.2	76,600							95
100										26.6	146.3	74,700	40.8	157.8	71,900	51.2	162.9	69,000				100
105										14.3	132.1	70,100	33.8	150.9	67,600	45.7	158.3	65,000				105
110													25.3	141.7	63,700	39.5	152.7	61,300				110
115													11.5	125.7	60,100	32.3	145.5	57,900	44.0	152.3	55,600	115
120																23.2	135.6	54,800	37.6	146.3	52,700	120
130																			20.0	127.3	47,500	130



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	147,100 b													60
65	49.2	179.9	96,300 *	58.0	186.4	120,800 *	62.8	188.9	132,700 b													65
70	44.2	175.0	87,100 *	53.6	182.9	107,000 *	58.7	186.0	120,800													70
75	38.7	169.1	79,300 *	49.0	178.8	95,900 *	54.3	182.6	109,100 *	62.4	186.4	106,500 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	98,200										80
85	24.6	152.3	66,900 *	38.4	167.9	79,000 *	44.8	173.8	88,100 *	53.9	180.0	91,000										85
90	13.0	136.8	61,700 *	32.0	160.6	72,400 *	39.3	168.0	80,100 *	49.3	175.9	84,800	57.7	179.9	81,400							90
95				24.2	150.9	66,700 *	33.1	161.0	73,400 *	44.3	171.0	79,300	53.3	176.4	76,100							95
100				12.1	134.7	61,700 *	25.6	151.7	67,600 *	38.8	165.2	74,300	48.6	172.2	71,400							100
105							14.7	137.4	62,500 *	32.5	158.0	69,900	43.6	167.2	67,200	52.4	171.8	64,400				105
110										24.8	148.5	65,900	38.0	161.2	63,300	47.6	167.4	60,800				110
115										13.3	133.2	61,900 *	31.5	153.8	59,900	42.5	162.3	57,500				115
120													23.5	143.8	56,700	36.8	156.0	54,400	46.3	161.5	52,200	120
130																21.6	137.4	49,100	35.1	149.5	47,100	130
140																			18.6	128.9	42,700	140



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	132,300 b													65
70	50.5	188.8	87,300 *	58.2	195.1	107,400 *	62.5	197.6	120,400													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	97,800										80
85	36.4	172.4	67,000 *	46.0	183.1	79,100 *	51.0	187.4	88,300 *	58.5	192.1	90,600										85
90	30.4	164.6	62,000 *	41.3	177.6	72,500 *	46.7	182.9	80,300 *	54.6	188.7	84,400										90
95	23.2	154.4	57,600 *	36.1	171.2	66,800 *	42.1	177.6	73,500 *	50.6	184.8	78,900	57.9	188.6	75,700							95
100	12.2	137.8	53,400 *	30.1	163.3	61,800 *	37.0	171.4	67,700 *	46.3	180.2	74,000	54.1	185.1	71,000							100
105				22.8	152.9	57,400 *	31.1	163.8	62,600 *	41.6	174.9	69,600	50.0	181.1	66,800							105
110				11.3	135.7	53,500 *	24.1	153.9	58,100 *	36.5	168.5	65,700	45.6	176.5	63,000							110
115							13.8	138.6	54,100 *	30.6	160.7	62,000 *	40.9	171.0	59,500	49.1	176.4	57,000				115
120										23.3	150.5	57,600 *	35.7	164.5	56,400	44.7	171.6	54,000				120
130													22.1	145.7	50,900	34.6	159.2	48,800	43.5	165.5	46,700	130
140																20.3	139.2	44,300	33.0	152.4	42,400	140
150																			17.5	130.4	38,600	150



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	120,000													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	90,100										85
90	39.3	182.4	61,800 *	47.5	192.1	72,400 *	51.9	196.2	80,200 *	58.6	200.8	83,900										90
95	34.4	175.6	57,400 *	43.4	187.1	66,600 *	48.1	191.9	73,400 *	55.2	197.4	78,400										95
100	28.8	167.2	53,500 *	39.0	181.2	61,600 *	44.1	187.0	67,500 *	51.6	193.6	73,500										100
105	21.9	156.3	50,000 *	34.1	174.3	57,300 *	39.8	181.3	62,400 *	47.8	189.3	69,200	54.7	193.9	66,200							105
110	11.5	138.8	46,600 *	28.5	165.8	53,400 *	35.0	174.6	57,900 *	43.7	184.3	65,200	51.1	190.0	62,400							110
115				21.5	154.8	49,900 *	29.5	166.4	54,000 *	39.3	178.5	61,700	47.2	185.6	59,000							115
120				10.7	136.6	46,700 *	22.8	155.9	50,400 *	34.5	171.6	57,500 *	43.1	180.5	55,900	50.3	185.3	53,500				120
130										22.1	152.5	50,000 *	33.8	167.5	50,500	42.3	175.5	48,300				130
140													20.9	147.6	45,800	32.7	162.1	43,800	41.1	169.3	41,900	140
150																19.2	140.9	40,000	31.2	155.2	38,200	150
160																			16.6	131.8	34,900	160



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	119,500													70
75	55.6	210.1	81,500 *	61.6	215.4	98,800 *	65.0	217.4	109,500													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	83,400										90
95	41.5	192.0	58,900 *	48.8	201.1	68,300 *	52.7	205.0	75,300 *	58.8	209.5	77,900										95
100	37.3	185.8	54,800 *	45.1	196.3	63,200 *	49.3	200.9	69,300 *	55.6	206.2	73,000										100
105	32.7	178.5	51,300 *	41.3	190.9	58,700 *	45.7	196.2	64,000 *	52.4	202.4	68,700										105
110	27.4	169.6	48,000 *	37.1	184.6	54,700 *	41.9	190.9	59,400 *	49.0	198.2	64,800	55.2	202.6	61,900							110
115	20.9	158.1	45,100 *	32.5	177.2	51,100 *	37.8	184.7	55,300 *	45.4	193.5	61,200	51.9	198.8	58,600							115
120	10.9	139.7	39,700 *	27.1	168.2	47,900 *	33.3	177.6	51,700 *	41.6	188.1	58,000	48.5	194.6	55,500							120
130				10.2	137.4	41,100 *	21.7	157.8	45,500 *	32.8	174.6	51,300 *	41.0	184.2	50,000	47.8	189.8	47,800				130
140										21.0	154.3	45,100 *	32.1	170.4	45,400	40.2	179.2	43,400	46.8	183.9	41,400	140
150													19.9	149.3	41,400	31.1	164.9	39,600	39.1	172.9	37,700	150
160																18.3	142.5	36,200	29.7	157.9	34,600	160
170																			15.8	133.2	31,700	170





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	109,000													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	77,400										95
100	43.3	201.5	54,400 *	49.8	210.0	62,800 *	53.3	213.8	68,900 *	58.9	218.1	72,500										100
105	39.6	195.7	50,800 *	46.5	205.5	58,300 *	50.3	209.8	63,600 *	56.0	214.9	68,200										105
110	35.7	189.0	47,600 *	43.1	200.3	54,300 *	47.1	205.3	59,000 *	53.1	211.2	64,300										110
115	31.3	181.3	44,700 *	39.4	194.5	50,700 *	43.7	200.2	54,900 *	50.0	207.1	60,800	55.6	211.3	58,000							115
120	26.2	171.9	42,100 *	35.5	187.8	47,500 *	40.0	194.5	51,300 *	46.8	202.6	57,500	52.6	207.6	54,900							120
130	10.4	140.6	34,900 *	25.9	170.5	42,000 *	31.8	180.4	45,100 *	39.7	191.7	50,900 *	46.3	198.9	49,500	52.0	203.0	47,200				130
140				9.7	138.2	36,300 *	20.7	159.6	39,900 *	31.3	177.4	44,700 *	39.2	187.8	45,000	45.6	194.0	42,800				140
150										20.1	156.0	39,700 *	30.7	173.2	41,000	38.4	182.7	39,100	44.7	188.0	37,200	150
160													19.0	151.0	37,600	29.7	167.5	35,800	37.3	176.3	34,000	160
170																17.5	144.0	32,900	28.4	160.4	31,300	170
180																			15.0	134.5	28,800	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	100,100													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	72,300										100
105	44.7	210.7	50,900 *	50.6	218.9	58,400 *	53.9	222.6	63,800 *	58.9	226.8	67,900										105
110	41.5	205.3	47,700 *	47.7	214.5	54,400 *	51.1	218.6	59,200 *	56.3	223.6	64,000										110
115	38.0	199.1	44,700 *	44.6	209.6	50,800 *	48.2	214.3	55,000 *	53.6	220.0	60,500										115
120	34.2	192.1	42,100 *	41.3	204.1	47,500 *	45.1	209.5	51,400 *	50.8	216.0	57,300	56.0	220.0	54,700							120
130	25.1	174.2	37,400 *	34.0	190.9	42,000 *	38.4	198.0	45,100 *	44.8	206.8	51,000 *	50.4	212.4	49,300							130
140	10.0	141.4	31,200 *	24.9	172.7	37,300 *	30.5	183.1	39,900 *	38.1	195.2	44,800 *	44.4	203.0	44,800	49.8	207.7	42,600				140
150				9.3	139.0	32,400 *	19.9	161.3	35,600 *	30.1	180.1	39,700 *	37.5	191.2	40,800	43.7	198.1	38,900				150
160										19.2	157.7	35,400 *	29.4	175.8	37,400	36.8	186.0	35,600	42.8	192.0	33,800	160
170													18.3	152.5	34,400	28.5	170.1	32,700	35.8	179.5	31,100	170
180																16.8	145.4	30,200	27.2	162.8	28,600	180
190																			14.4	135.7	26,400	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	67,400										105
110	46.0	219.9	47,200 *	51.3	227.7	53,900 *	54.3	231.3	58,700 *	59.0	235.5	63,500										110
115	43.0	214.7	44,300 *	48.6	223.5	50,300 *	51.7	227.5	54,600 *	56.6	232.2	60,000										115
120	39.9	208.9	41,600 *	45.8	218.8	47,100 *	49.1	223.2	50,900 *	54.1	228.7	56,800										120
130	32.9	195.1	37,000 *	39.7	207.7	41,500 *	43.3	213.5	44,600 *	48.8	220.6	50,500 *	53.7	225.1	48,800							130
140	24.2	176.3	33,000 *	32.7	193.8	36,900 *	36.9	201.4	39,500 *	43.1	210.7	44,300 *	48.4	216.9	44,300							140
150	9.6	142.2	27,600 *	23.9	174.8	33,000 *	29.3	185.8	35,200 *	36.6	198.5	39,200 *	42.6	206.9	40,400	47.9	212.2	38,300				150
160				8.9	139.8	28,700 *	19.1	163.0	31,500 *	28.9	182.7	35,000 *	36.1	194.5	37,000	42.0	202.0	35,100	47.1	206.3	33,300	160
170										18.5	159.3	31,300 *	28.3	178.3	34,000	35.4	189.2	32,300	41.2	195.8	30,500	170
180													17.6	154.1	31,100 *	27.4	172.5	29,700	34.4	182.6	28,100	180
190																16.1	146.8	27,400	26.2	165.1	26,000	190
200																			13.9	136.9	24,000	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	82,300													85
90	59.1	248.1	63,300 *	63.3	252.7	74,500 *	65.8	254.6	76,200													90
95	56.8	244.9	58,700 *	61.2	250.0	68,400 *	63.7	252.2	70,900													95
100	54.5	241.4	54,500 *	58.9	247.1	63,100 *	61.5	249.5	66,200													100
105	52.1	237.6	50,800 *	56.7	243.9	58,500 *	59.3	246.6	62,000													105
110	49.6	233.5	47,500 *	54.3	240.4	54,400 *	57.0	243.5	58,200	61.3	247.0	54,100										110
115	47.0	229.0	44,600 *	51.9	236.6	50,700 *	54.7	240.0	54,700	59.1	244.1	50,900										115
120	44.3	224.0	41,900 *	49.5	232.4	47,400 *	52.3	236.3	51,300 *	56.8	240.9	47,900										120
130	38.5	212.4	37,200 *	44.2	222.8	41,800 *	47.3	227.7	44,900 *	52.1	233.7	42,800	56.5	237.4	39,500							130
140	31.7	197.9	33,200 *	38.3	211.2	37,100 *	41.8	217.3	39,700 *	47.0	225.0	38,400	51.8	230.0	35,400							140
150	23.3	178.4	29,800 *	31.6	196.7	33,200 *	35.6	204.6	35,400 *	41.5	214.6	34,700	46.7	221.3	31,900	51.3	225.4	29,100				150
160	9.3	143.0	23,600 *	23.1	176.9	29,800 *	28.3	188.3	31,700 *	35.3	201.7	31,400	41.1	210.7	28,800	46.1	216.4	26,300				160
170				8.6	140.5	24,700 *	18.5	164.6	28,500 *	27.9	185.2	28,600	34.8	197.7	26,100	40.5	205.7	23,800	45.4	210.5	21,500	170
180										17.9	160.9	26,000	27.3	180.7	23,700	34.2	192.3	21,500	39.7	199.4	19,400	180
190													17.0	155.5	21,600	26.5	174.9	19,500	33.2	185.6	17,500	190
200																15.6	148.2	17,700	25.2	167.4	15,800	200
210																			13.4	138.0	14,200	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	75,600													90
95	59.1	256.8	58,100 *	63.1	261.4	67,900 *	65.4	263.3	70,300													95
100	57.0	253.6	54,000 *	61.1	258.7	62,600 *	63.4	260.9	65,600													100
105	54.8	250.2	50,300 *	59.0	255.7	58,000 *	61.4	258.2	61,300													105
110	52.6	246.4	47,000 *	56.9	252.6	53,800 *	59.3	255.3	57,500													110
115	50.3	242.4	44,000 *	54.7	249.1	50,200 *	57.2	252.2	54,100	61.2	255.7	50,200										115
120	47.9	238.0	41,300 *	52.5	245.4	46,900 *	55.1	248.7	50,700 *	59.1	252.8	47,300										120
130	42.8	227.9	36,600 *	47.8	236.9	41,200 *	50.5	241.0	44,400 *	54.9	246.2	42,100										130
140	37.2	215.8	32,700 *	42.7	226.8	36,600 *	45.7	231.9	39,200 *	50.3	238.4	37,800	54.5	242.6	34,700							140
150	30.7	200.7	29,300 *	37.0	214.6	32,600 *	40.4	221.0	34,800 *	45.5	229.2	34,100	50.0	234.7	31,200							150
160	22.6	180.3	26,400 *	30.5	199.4	29,200 *	34.4	207.7	31,200 *	40.1	218.2	30,800	45.1	225.5	28,200	49.5	230.0	25,600				160
170	9.0	143.8	20,800 *	22.3	178.8	26,300 *	27.4	190.7	28,000 *	34.1	204.8	28,000	39.7	214.3	25,500	44.6	220.6	23,100				170
180				8.3	141.2	21,800 *	17.8	166.1	25,200 *	27.0	187.5	25,400	33.7	200.7	23,100	39.2	209.2	20,900	43.9	214.5	18,600	180
190										17.3	162.4	23,100	26.4	183.1	21,000	33.0	195.3	18,900	38.4	202.9	16,800	190
200													16.4	157.0	19,000	25.6	177.1	17,100	32.1	188.5	15,100	200
210																15.0	149.5	15,400	24.4	169.5	13,600	210
220																			12.9	139.1	12,200	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	69,900													95
100	59.2	265.4	54,200 *	62.9	270.1	62,900 *	65.1	272.0	65,200													100
105	57.2	262.3	50,400 *	61.0	267.3	58,200 *	63.2	269.5	60,900													105
110	55.1	258.9	47,100 *	59.1	264.4	54,000 *	61.3	266.9	57,200													110
115	53.0	255.2	44,000 *	57.1	261.2	50,300 *	59.4	264.0	53,700													115
120	50.9	251.2	41,300 *	55.0	257.8	46,900 *	57.4	260.8	50,600	61.1	264.4	46,900										120
130	46.4	242.3	36,600 *	50.8	250.1	41,200 *	53.3	253.8	44,400 *	57.2	258.3	41,700										130
140	41.5	231.7	32,600 *	46.2	241.2	36,500 *	48.9	245.6	39,100 *	53.1	251.2	37,400	56.9	254.8	34,300							140
150	36.0	219.1	29,100 *	41.3	230.6	32,500 *	44.2	236.0	34,700 *	48.7	243.0	33,700	52.8	247.6	30,800							150
160	29.7	203.3	26,200 *	35.9	217.8	29,100 *	39.1	224.6	31,000 *	44.0	233.3	30,500	48.4	239.3	27,800	52.4	243.0	25,200				160
170	21.9	182.3	23,600 *	29.6	202.0	26,100 *	33.4	210.7	27,800 *	38.9	221.8	27,600	43.7	229.5	25,100	47.9	234.5	22,700				170
180	8.7	144.5	18,500 *	21.6	180.7	23,600 *	26.5	193.1	25,000 *	33.1	207.8	25,100	38.5	217.8	22,800	43.2	224.6	20,500	47.3	228.6	18,300	180
190				8.1	141.8	19,500 *	17.3	167.6	22,600 *	26.2	189.9	22,900	32.6	203.6	20,700	37.9	212.7	18,500	42.5	218.4	16,400	190
200										16.7	163.8	20,800	25.6	185.3	18,800	32.0	198.2	16,800	37.2	206.3	14,800	200
210													15.9	158.3	17,000	24.8	179.3	15,200	31.1	191.3	13,300	210
220																14.6	150.7	13,600	23.7	171.6	11,900	220
230																			12.5	140.2	10,600	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	64,500													100
105	59.2	274.1	49,900 *	62.8	278.7	57,600 *	64.8	280.7	60,300													105
110	57.3	271.0	46,500 *	61.0	276.0	53,400 *	63.1	278.2	56,500													110
115	55.4	267.6	43,500 *	59.1	273.1	49,700 *	61.3	275.5	53,100													115
120	53.4	264.0	40,800 *	57.2	269.9	46,400 *	59.4	272.6	50,000	62.9	275.7	46,200										120
130	49.3	255.9	36,000 *	53.3	262.9	40,700 *	55.6	266.2	43,900 *	59.2	270.1	41,100										130
140	45.0	246.4	32,000 *	49.2	254.8	35,900 *	51.7	258.7	38,600 *	55.4	263.6	36,800										140
150	40.2	235.4	28,600 *	44.9	245.3	31,900 *	47.4	250.0	34,200 *	51.5	256.1	33,100	55.2	260.1	30,100							150
160	35.0	222.2	25,700 *	40.1	234.2	28,500 *	42.9	239.9	30,500 *	47.2	247.4	29,900	51.2	252.5	27,100							160
170	28.9	205.9	23,100 *	34.8	221.0	25,600 *	38.0	228.0	27,300 *	42.7	237.2	27,000	46.9	243.6	24,500	50.8	247.8	22,000				170
180	21.2	184.1	20,800 *	28.7	204.6	23,000 *	32.4	213.6	24,500 *	37.7	225.2	24,500	42.4	233.4	22,100	46.5	238.8	19,800				180
190	8.4	145.2	16,200 *	21.0	182.6	20,800 *	25.7	195.3	22,100 *	32.1	210.7	22,300	37.4	221.2	20,100	41.9	228.4	17,900	45.9	232.9	15,700	190
200				7.8	142.5	17,100 *	16.8	169.1	19,900 *	25.4	192.1	20,300	31.7	206.5	18,200	36.8	216.0	16,100	41.2	222.2	14,100	200
210										16.3	165.3	18,500	24.9	187.5	16,500	31.1	200.9	14,500	36.1	209.5	12,600	210
220													15.4	159.7	14,900	24.1	181.5	13,100	30.2	194.0	11,300	220
230																14.2	151.9	11,700	23.0	173.6	10,000	230
240																			12.2	141.3	8,800	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	63,900													100
105	61.0	285.7	49,400 *	64.3	289.9	57,100 *	66.3	291.7	59,700													105
110	59.3	282.8	46,000 *	62.6	287.4	53,000 *	64.6	289.4	56,000													110
115	57.5	279.6	43,000 *	60.9	284.7	49,200 *	62.9	286.9	52,600													115
120	55.7	276.3	40,300 *	59.2	281.7	45,900 *	61.2	284.2	49,500													120
130	51.9	268.9	35,500 *	55.6	275.2	40,200 *	57.7	278.2	43,400 *	61.0	281.7	40,500										130
140	47.9	260.3	31,500 *	51.8	267.8	35,400 *	54.0	271.3	38,100 *	57.5	275.6	36,200										140
150	43.7	250.5	28,100 *	47.8	259.2	31,400 *	50.2	263.4	33,700 *	53.8	268.7	32,500	57.3	272.1	29,500							150
160	39.1	239.0	25,200 *	43.6	249.3	28,000 *	46.1	254.3	30,000 *	50.0	260.8	29,300	53.6	265.1	26,500							160
170	34.0	225.3	22,600 *	39.0	237.8	25,100 *	41.7	243.8	26,800 *	45.9	251.6	26,500	49.7	257.1	23,900							170
180	28.1	208.4	20,300 *	33.9	224.0	22,600 *	36.9	231.4	24,000 *	41.5	241.0	24,000	45.6	247.9	21,600	49.3	252.4	19,200				180
190	20.6	185.9	18,300 *	27.9	207.1	20,300 *	31.5	216.5	21,600 *	36.7	228.5	21,800	41.2	237.2	19,500	45.2	243.0	17,300				190
200	8.2	145.9	14,000 *	20.4	184.4	18,300 *	25.0	197.6	19,400 *	31.2	213.5	19,800	36.3	224.5	17,600	40.7	232.1	15,500	44.6	237.0	13,500	200
210				7.6	143.1	14,900 *	16.3	170.5	17,500 *	24.7	194.3	18,000	30.8	209.2	16,000	35.8	219.3	14,000	40.1	225.9	12,000	210
220										15.8	166.6	16,300	24.2	189.7	14,400	30.2	203.6	12,500	35.1	212.7	10,700	220
230													15.0	161.0	13,000	23.4	183.5	11,200	29.4	196.6	9,500	230
240																13.8	153.1	10,000	22.3	175.6	8,300	240
250																			11.8	142.3	7,200	250





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	48,800													120
130	54.1	281.4	35,000 *	57.5	287.3	39,600 *	59.5	289.9	42,800 *	62.6	293.1	39,800										130
140	50.5	273.6	31,000 *	54.0	280.4	34,900 *	56.1	283.5	37,500 *	59.3	287.4	35,500										140
150	46.6	264.7	27,500 *	50.4	272.5	30,900 *	52.5	276.3	33,100 *	55.9	281.0	31,800										150
160	42.5	254.4	24,600 *	46.5	263.5	27,500 *	48.8	268.0	29,400 *	52.4	273.7	28,700	55.7	277.5	25,800							160
170	38.1	242.4	22,000 *	42.4	253.2	24,600 *	44.9	258.5	26,200 *	48.6	265.3	25,900	52.1	270.1	23,200							170
180	33.1	228.3	19,800 *	38.0	241.2	22,000 *	40.6	247.5	23,500 *	44.7	255.8	23,400	48.4	261.6	20,900	51.7	265.4	18,500				180
190	27.3	210.9	17,800 *	33.0	227.0	19,700 *	35.9	234.6	21,000 *	40.4	244.7	21,200	44.4	252.0	18,800	48.0	256.9	16,600				190
200	20.1	187.7	15,800 *	27.2	209.5	17,700 *	30.7	219.2	18,900 *	35.7	231.8	19,200	40.1	240.8	17,000	44.0	247.1	14,800	47.4	251.0	12,800	200
210	8.0	146.6	12,100 *	19.9	186.1	15,900 *	24.4	199.7	17,000 *	30.4	216.2	17,400	35.4	227.7	15,300	39.6	235.8	13,300	43.4	241.0	11,300	210
220				7.4	143.8	12,900 *	15.9	171.9	15,300 *	24.1	196.4	15,800	30.0	211.9	13,800	34.9	222.4	11,900	39.0	229.4	10,000	220
230										15.4	168.0	14,300				29.4	206.3	10,600	34.2	215.8	8,800	230
240													14.6	162.2	11,100	22.8	185.5	9,400	28.6	199.1	7,700	240
250																13.4	154.3	8,200	21.8	177.5	6,700	250
260																			11.5	143.3	5,600	260



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	146,500 b													60
65	42.0	176.0	96,600 *	53.9	185.0	124,000 *	60.2	188.2	132,300 b													65
70	35.3	169.5	87,300 *	48.6	180.8	109,600 *	55.3	184.9	120,400 b													70
75	27.1	160.9	79,500 *	42.8	175.7	98,000 *	50.0	181.0	110,400	60.5	186.0	105,700 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	97,500 b										80
85				28.2	161.2	80,400 *	38.0	170.2	90,800 *	50.4	178.9	90,400										85
90				17.1	148.6	73,600 *	30.5	162.6	82,400 *	44.8	174.2	84,200	55.8	179.6	80,500 b							90
95							20.6	151.6	75,300 *	38.5	168.3	78,700	50.6	175.7	75,300							95
100										31.2	160.9	73,800	45.0	171.0	70,600							100
105										21.6	150.3	69,400	38.7	165.2	66,400	50.4	171.3	63,500				105
110													31.4	157.8	62,700	44.7	166.6	59,900				110
115													21.9	147.3	59,200	38.4	160.7	56,600				115
120																31.1	153.3	53,600	44.0	160.9	51,200	120
130																30.1	147.2	46,200	30.1	147.2	46,200	130



# Liftcrane Luffing Jib Capacities

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

## 2250 SERIES 2

### 120 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
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	131,800 b													65
70	44.6	185.4	87,700 *	54.7	193.7	110,100 *	60.1	196.9	120,000													70
75	39.1	179.6	79,800 *	50.1	189.8	98,400 *	55.9	193.7	110,000													75
80	32.9	172.5	73,100 *	45.2	185.0	88,800 *	51.4	189.8	101,300 *	60.5	194.7	97,000										80
85	25.3	163.1	67,300 *	39.8	179.4	80,700 *	46.5	185.4	91,200 *	56.2	191.5	89,900										85
90	14.1	148.4	62,200 *	33.7	172.5	73,900 *	41.3	180.0	82,700 *	51.7	187.7	83,700										90
95				26.3	163.5	68,000 *	35.4	173.5	75,600 *	46.9	183.3	78,300	56.3	188.3	74,800							95
100				15.9	149.9	62,900 *	28.4	165.1	69,500 *	41.7	178.0	73,400	51.8	184.5	70,100							100
105							19.2	153.3	64,200 *	35.9	171.6	69,100	47.1	180.1	66,000							105
110										29.0	163.4	65,100	41.9	174.9	62,200	51.7	180.2	59,300				110
115										20.1	152.0	61,500	36.1	168.5	58,800	46.9	175.7	56,100				115
120													29.2	160.4	55,700	41.7	170.4	53,100				120
130																29.0	155.8	47,900	41.0	164.7	45,700	130
140																28.0	149.7	41,500	28.0	149.7	41,500	140



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	131,400 b													65
70	50.8	199.0	87,900 *	59.1	205.8	110,500 *	63.8	208.3	119,600													70
75	46.5	194.5	80,000 *	55.3	202.5	98,700 *	60.1	205.6	109,600													75
80	41.9	189.2	73,200 *	51.3	198.6	89,000 *	56.3	202.4	101,100													80
85	36.7	182.9	67,400 *	47.0	194.2	80,900 *	52.4	198.7	91,400 *	60.4	203.4	89,500										85
90	30.9	175.2	62,400 *	42.5	189.0	74,000 *	48.2	194.4	83,000 *	56.6	200.2	83,300										90
95	23.7	165.2	57,900 *	37.4	182.8	68,100 *	43.7	189.4	75,800 *	52.7	196.5	77,900										95
100	13.2	149.5	53,900 *	31.7	175.3	63,000 *	38.8	183.5	69,600 *	48.5	192.3	73,100	56.7	197.0	69,700							100
105				24.7	165.7	58,500 *	33.3	176.5	64,300 *	44.1	187.4	68,700	52.8	193.3	65,500							105
110				15.0	151.2	54,400 *	26.7	167.5	59,600 *	39.2	181.6	64,800	48.6	189.1	61,800							110
115							18.1	154.9	55,500 *	33.7	174.6	61,300	44.2	184.2	58,400	52.7	189.0	55,600				115
120										27.3	165.9	58,100	39.3	178.5	55,400	48.5	184.8	52,700				120
130													27.5	162.8	50,000	39.1	174.0	47,600	48.0	179.2	45,200	130
140																27.2	158.2	43,200	38.5	168.2	41,100	140
150																			26.4	152.0	37,500	150



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	119,100													70
75	51.8	207.9	79,900 *	59.2	214.4	98,700 *	63.4	217.0	109,100													75
80	48.0	203.6	73,100 *	55.8	211.2	89,000 *	60.1	214.2	100,600													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	82,800										90
95	34.7	186.1	57,700 *	44.5	198.3	68,000 *	49.5	203.3	75,700 *	57.0	208.9	77,400										95
100	29.2	177.8	53,800 *	40.1	192.7	62,800 *	45.5	198.6	69,500 *	53.5	205.3	72,600										100
105	22.5	167.2	50,200 *	35.4	186.0	58,300 *	41.3	193.2	64,100 *	49.8	201.3	68,300	57.1	205.7	65,000							105
110	12.5	150.6	47,000 *	30.0	178.0	54,300 *	36.7	186.9	59,400 *	45.9	196.6	64,400	53.6	202.1	61,300							110
115				23.4	167.7	50,700 *	31.5	179.3	55,300 *	41.7	191.2	60,900	49.9	198.1	57,900							115
120				14.2	152.4	47,500 *	25.3	169.7	51,600 *	37.1	185.0	57,700	46.0	193.4	54,900							120
130										25.8	168.2	51,800 *	37.2	181.9	49,500	45.8	189.0	47,000				130
140													26.0	165.1	45,000	37.0	177.4	42,700	45.3	183.4	40,500	140
150																25.8	160.5	39,000	36.4	171.6	36,900	150
160																			24.9	154.2	33,800	160



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	108,600													75
80	52.6	216.7	75,000 *	59.3	223.1	91,400 *	63.1	225.7	100,100													80
85	49.2	212.5	69,000 *	56.2	219.9	83,000 *	60.1	222.9	92,800													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	76,900										95
100	37.6	196.3	55,100 *	46.0	207.5	64,400 *	50.5	212.2	71,300 *	57.3	217.6	72,100										100
105	33.1	189.0	51,500 *	42.3	202.2	59,700 *	47.0	207.7	65,700 *	54.1	214.1	67,800										105
110	27.8	180.3	48,200 *	38.2	196.1	55,600 *	43.3	202.6	60,900 *	50.8	210.1	63,900	57.3	214.3	60,800							110
115	21.4	169.0	45,300 *	33.7	189.1	51,900 *	39.3	196.8	56,700 *	47.3	205.7	60,400	54.2	210.9	57,400							115
120	11.9	151.6	40,500 *	28.5	180.5	48,700 *	34.9	190.0	52,900 *	43.6	200.6	57,200	50.9	206.9	54,400							120
130				13.5	153.5	43,000 *	24.1	171.9	46,500 *	35.3	188.2	51,700	43.7	197.5	49,100	50.7	202.6	46,500				130
140										24.6	170.3	46,600 *	35.4	185.1	44,500	43.5	193.1	42,200				140
150													24.8	167.3	40,600	35.2	180.6	38,500	43.1	187.4	36,500	150
160																24.5	162.7	35,300	34.7	174.7	33,400	160
170																			23.7	156.3	30,700	170



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	99,600													80
85	53.2	225.5	68,600 *	59.4	231.8	82,600 *	62.8	234.3	92,300													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	76,300										95
100	43.5	211.8	54,700 *	50.5	221.0	64,000 *	54.4	224.9	70,900 *	60.3	229.3	71,500										100
105	39.9	206.1	51,100 *	47.3	216.5	59,300 *	51.3	221.1	65,400 *	57.5	226.3	67,300										105
110	36.0	199.5	47,800 *	44.0	211.5	55,200 *	48.2	216.8	60,500 *	54.6	222.8	63,400										110
115	31.6	191.9	44,900 *	40.4	205.9	51,500 *	44.9	211.9	56,300 *	51.6	219.0	59,900	57.6	223.0	56,900							115
120	26.6	182.7	42,200 *	36.5	199.5	48,200 *	41.3	206.4	52,500 *	48.4	214.7	56,700	54.7	219.6	53,800							120
130	11.4	152.5	35,700 *	27.2	183.0	42,600 *	33.3	193.0	46,000 *	41.6	204.5	51,200	48.5	211.5	48,500							130
140				12.9	154.6	37,900 *	23.0	173.9	40,800 *	33.7	191.2	46,200 *	41.7	201.3	44,100	48.4	207.1	41,700				140
150										23.5	172.4	40,900 *	33.8	188.1	40,200	41.6	196.9	38,000	48.0	201.6	35,900	150
160													23.7	169.4	36,800	33.6	183.6	34,800	41.1	191.2	32,800	160
170																23.4	164.7	32,000	33.1	177.7	30,200	170
180																			22.7	158.3	27,800	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	99,400													80
85	56.5	237.8	68,900 *	61.9	243.3	83,100 *	65.1	245.5	92,000													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	71,300										100
105	45.0	221.1	51,200 *	51.3	229.8	59,500 *	54.8	233.7	65,600 *	60.3	238.0	67,000										105
110	41.7	215.7	47,900 *	48.4	225.5	55,300 *	52.1	229.9	60,700 *	57.7	234.9	63,100										110
115	38.2	209.6	44,900 *	45.4	220.8	51,600 *	49.2	225.7	56,400 *	55.0	231.5	59,700										115
120	34.5	202.7	42,300 *	42.1	215.4	48,300 *	46.2	221.1	52,600 *	52.3	227.8	56,500	57.8	231.7	53,600							120
130	25.5	184.9	37,600 *	35.0	202.6	42,600 *	39.6	210.1	46,100 *	46.4	219.0	51,000	52.3	224.6	48,300							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	43,800	52.2	220.2	41,400				140
150				12.3	155.7	33,900 *	22.1	175.8	36,300 *	32.3	194.1	40,900 *	40.0	205.0	40,000	46.4	211.4	37,800				150
160										22.5	174.4	36,500 *	32.4	191.0	36,600	39.9	200.6	34,600	46.0	205.8	32,600	160
170													22.7	171.4	33,700	32.3	186.5	31,800	39.4	194.8	29,900	170
180																22.5	166.7	29,300	31.8	180.5	27,600	180
190																			21.8	160.2	25,500	190





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	100,800																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	81,900													85
90	56.7	246.5	63,100 *	61.8	252.0	75,400 *	64.7	254.2	75,900													90
95	54.2	243.0	58,500 *	59.4	249.1	69,200 *	62.4	251.7	70,600													95
100	51.6	239.1	54,400 *	57.0	245.9	63,800 *	60.1	248.9	65,900													100
105	49.0	234.9	50,700 *	54.5	242.5	59,100 *	57.7	245.8	61,800	62.6	249.4	57,100										105
110	46.2	230.2	47,400 *	52.0	238.7	54,900 *	55.2	242.4	58,000	60.3	246.7	53,500										110
115	43.2	225.1	44,500 *	49.3	234.5	51,200 *	52.7	238.7	54,600	57.9	243.6	50,400										115
120	40.1	219.3	41,800 *	46.5	229.9	47,800 *	50.0	234.6	51,500	55.4	240.2	47,500										120
130	33.2	205.6	37,100 *	40.5	219.1	42,100 *	44.4	225.2	45,600 *	50.2	232.5	42,400	55.5	237.0	38,800							130
140	24.5	187.1	33,200 *	33.6	205.6	37,400 *	38.1	213.5	40,300 *	44.6	223.1	38,100	50.3	229.3	34,800							140
150	10.5	154.3	28,200 *	25.1	187.5	33,400 *	30.8	198.7	35,900 *	38.4	211.6	34,400	44.7	220.0	31,300	50.2	225.0	28,300				150
160				11.9	156.7	30,000 *	21.2	177.7	32,100 *	31.1	196.9	31,200	38.5	208.5	28,300	44.6	215.6	25,500				160
170										21.7	176.3	28,300	31.2	193.8	25,700	38.3	204.0	23,100	44.2	209.9	20,600	170
180													21.8	173.3	23,300	31.0	189.3	20,900	37.9	198.2	18,500	180
190																21.6	168.6	18,900	30.6	183.3	16,700	190
200																			20.9	162.0	15,100	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	92,000																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	75,300													90
95	56.9	255.1	59,000 *	61.7	260.6	69,800 *	64.4	262.9	70,000													95
100	54.6	251.7	54,800 *	59.5	257.7	64,400 *	62.3	260.3	65,300													100
105	52.2	247.9	51,100 *	57.2	254.6	59,600 *	60.1	257.5	61,100													105
110	49.8	243.8	47,800 *	54.9	251.2	55,300 *	57.8	254.4	57,400	62.4	258.1	52,900										110
115	47.2	239.3	44,800 *	52.5	247.4	51,600 *	55.5	251.1	54,000	60.2	255.3	49,700										115
120	44.5	234.3	42,100 *	50.1	243.4	48,200 *	53.2	247.4	50,900	58.0	252.3	46,800										120
130	38.7	222.9	37,300 *	44.8	234.0	42,400 *	48.2	239.1	45,500	53.4	245.3	41,800										130
140	32.0	208.5	33,400 *	39.1	222.7	37,600 *	42.8	229.1	40,600 *	48.4	237.0	37,500	53.4	242.1	34,100							140
150	23.7	189.2	29,900 *	32.4	208.6	33,600 *	36.8	216.9	36,100 *	43.0	227.1	33,800	48.5	233.8	30,700							150
160	10.1	155.2	24,200 *	24.3	189.6	30,200 *	29.7	201.3	32,300 *	37.0	215.0	30,600	43.1	223.9	27,700	48.4	229.5	24,900				160
170				11.4	157.7	26,000 *	20.5	179.5	29,000 *	30.0	199.6	27,800	37.1	211.9	25,100	43.0	219.5	22,400				170
180										20.9	178.1	25,300	30.1	196.5	22,800	37.0	207.4	20,300	42.6	213.9	17,900	180
190													21.1	175.1	20,700	29.9	192.0	18,400	36.6	201.6	16,100	190
200																20.9	170.4	16,600	29.5	185.9	14,500	200
210																			20.2	163.8	13,000	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	69,300													95
100	57.1	263.8	54,700 *	61.6	269.3	64,500 *	64.1	271.6	64,700													100
105	55.0	260.4	51,000 *	59.5	266.4	59,600 *	62.1	269.0	60,500													105
110	52.7	256.7	47,600 *	57.4	263.3	55,300 *	60.1	266.2	56,800													110
115	50.4	252.7	44,600 *	55.2	259.9	51,400 *	58.0	263.1	53,400	62.3	266.8	49,000										115
120	48.1	248.3	41,800 *	53.0	256.2	48,000 *	55.8	259.8	50,300	60.2	264.0	46,100										120
130	43.0	238.3	37,000 *	48.4	247.9	42,200 *	51.3	252.3	44,900	56.0	257.6	41,100										130
140	37.4	226.3	33,000 *	43.3	238.0	37,300 *	46.6	243.4	40,300 *	51.5	250.2	36,800	56.0	254.4	33,400							140
150	30.9	211.3	29,600 *	37.8	226.1	33,300 *	41.4	232.9	35,800 *	46.7	241.4	33,200	51.6	247.0	30,000							150
160	22.9	191.2	26,600 *	31.4	211.4	29,800 *	35.5	220.1	31,900 *	41.6	230.9	30,000	46.8	238.2	27,000	51.5	242.6	24,100				160
170	9.8	156.0	21,400 *	23.5	191.7	26,800 *	28.7	203.9	28,700 *	35.8	218.2	27,200	41.6	227.8	24,400	46.7	233.8	21,700				170
180				11.1	158.6	23,100 *	19.8	181.2	25,800 *	29.0	202.2	24,700	35.9	215.1	22,100	41.5	223.4	19,600	46.4	228.2	17,100	180
190										20.2	179.9	22,500	29.1	199.1	20,100	35.7	210.6	17,700	41.2	217.6	15,400	190
200													20.4	176.9	18,200	29.0	194.6	16,000	35.4	204.8	13,800	200
210																20.2	172.2	14,400	28.5	188.4	12,400	210
220																			19.5	165.5	11,000	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	68,900													95
100	59.3	275.6	54,400 *	63.4	280.6	64,200 *	65.8	282.7	64,300													100
105	57.3	272.5	50,700 *	61.5	277.9	59,300 *	63.9	280.3	60,100													105
110	55.3	269.1	47,300 *	59.5	275.1	55,000 *	62.0	277.7	56,400													110
115	53.2	265.5	44,200 *	57.6	272.0	51,100 *	60.1	274.8	53,000													115
120	51.0	261.5	41,500 *	55.5	268.6	47,700 *	58.1	271.8	49,900	62.1	275.4	45,700										120
130	46.5	252.6	36,700 *	51.3	261.1	41,800 *	54.0	264.9	44,500	58.2	269.6	40,700										130
140	41.6	242.1	32,700 *	46.8	252.3	37,000 *	49.7	257.0	40,000 *	54.2	262.8	36,400										140
150	36.2	229.6	29,300 *	42.0	241.9	32,900 *	45.1	247.6	35,400 *	49.9	254.9	32,800	54.2	259.6	29,600							150
160	30.0	214.0	26,300 *	36.6	229.5	29,500 *	40.1	236.6	31,600 *	45.3	245.6	29,600	49.9	251.7	26,600							160
170	22.2	193.1	23,700 *	30.4	214.1	26,500 *	34.4	223.2	28,300 *	40.3	234.6	26,900	45.3	242.4	24,100	49.8	247.3	21,300				170
180	9.5	156.8	19,000 *	22.7	193.7	23,900 *	27.8	206.4	25,500 *	34.7	221.4	24,400	40.3	231.5	21,800	45.2	238.0	19,200				180
190				10.7	159.5	20,600 *	19.2	182.9	23,000 *	28.1	204.7	22,200	34.7	218.2	19,700	40.2	227.0	17,300	45.0	232.4	15,000	190
200										19.6	181.6	20,200	28.2	201.6	17,900	34.6	213.8	15,600	39.9	221.3	13,400	200
210													19.8	178.7	16,200	28.1	197.1	14,100	34.3	207.9	12,000	210
220																19.6	173.9	12,700	27.6	190.9	10,700	220
230																			18.9	167.2	9,500	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	63,600													100
105	59.3	284.3	50,100 *	63.2	289.3	58,700 *	65.5	291.4	59,500													105
110	57.5	281.2	46,700 *	61.4	286.6	54,400 *	63.7	288.9	55,700													110
115	55.5	277.8	43,700 *	59.6	283.7	50,600 *	61.9	286.3	52,400													115
120	53.6	274.2	41,000 *	57.7	280.6	47,200 *	60.1	283.5	49,300													120
130	49.5	266.2	36,200 *	53.8	273.7	41,300 *	56.3	277.2	43,900	60.2	281.3	40,000										130
140	45.1	256.8	32,100 *	49.8	265.7	36,500 *	52.4	269.9	39,400 *	56.4	275.0	35,800										140
150	40.4	245.8	28,700 *	45.4	256.5	32,400 *	48.2	261.5	34,900 *	52.5	267.8	32,200	56.5	271.8	28,900							150
160	35.2	232.7	25,800 *	40.7	245.6	28,900 *	43.7	251.7	31,100 *	48.4	259.4	29,000	52.6	264.6	26,000							160
170	29.1	216.6	23,200 *	35.5	232.7	26,000 *	38.9	240.1	27,800 *	43.9	249.6	26,200	48.4	256.2	23,400	52.5	260.2	20,600				170
180	21.5	195.0	20,900 *	29.5	216.7	23,300 *	33.4	226.2	25,000 *	39.1	238.2	23,800	44.0	246.5	21,100	48.3	251.8	18,500				180
190	9.2	157.6	16,600 *	22.1	195.7	21,000 *	27.0	208.8	22,500 *	33.6	224.4	21,600	39.1	235.0	19,100	43.9	242.1	16,600				190
200				10.4	160.4	18,100 *	18.7	184.5	20,300 *	27.3	207.1	19,600	33.7	221.3	17,300	39.0	230.6	15,000	43.6	236.4	12,700	200
210										19.0	183.3	17,800	27.4	204.0	15,600	33.6	216.8	13,400	38.7	224.8	11,300	210
220													19.2	180.3	14,100	27.2	199.5	12,000	33.3	210.9	10,000	220
230																19.0	175.6	10,700	26.8	193.3	8,900	230
240																			18.4	168.8	7,800	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	58,900													105
110	59.4	293.0	46,200 *	63.0	298.0	53,900 *	65.2	300.1	55,200													110
115	57.6	289.9	43,200 *	61.3	295.3	50,100 *	63.5	297.6	51,800													115
120	55.8	286.5	40,500 *	59.6	292.4	46,700 *	61.8	295.0	48,700													120
130	52.0	279.1	35,700 *	56.0	286.0	40,800 *	58.3	289.1	43,400	61.9	292.8	39,400										130
140	48.1	270.6	31,600 *	52.3	278.7	36,000 *	54.7	282.4	38,800	58.4	286.9	35,200										140
150	43.9	260.8	28,200 *	48.3	270.3	31,900 *	50.9	274.7	34,400 *	54.8	280.3	31,600										150
160	39.3	249.4	25,300 *	44.1	260.5	28,400 *	46.8	265.8	30,600 *	51.0	272.6	28,400	54.9	277.0	25,300							160
170	34.2	235.8	22,700 *	39.6	249.2	25,500 *	42.5	255.6	27,300 *	47.0	263.8	25,700	51.1	269.4	22,800							170
180	28.3	219.1	20,400 *	34.5	235.8	22,800 *	37.8	243.5	24,500 *	42.7	253.6	23,200	47.0	260.6	20,500	51.0	265.0	17,900				180
190	21.0	196.9	18,400 *	28.7	219.3	20,600 *	32.5	229.1	22,000 *	38.0	241.6	21,100	42.7	250.4	18,500	47.0	256.2	16,000				190
200	8.9	158.3	14,500 *	21.5	197.5	18,500 *	26.3	211.1	19,800 *	32.7	227.3	19,100	38.0	238.5	16,700	42.6	246.0	14,400	46.7	250.6	12,100	200
210				10.1	161.3	15,900 *	18.1	186.1	17,800 *	26.5	209.5	17,400	32.8	224.2	15,100	37.9	234.1	12,900	42.4	240.3	10,700	210
220										18.5	184.9	15,700	26.6	206.4	13,600	32.7	219.7	11,500	37.7	228.2	9,400	220
230													18.7	182.0	12,200	26.5	201.8	10,200	32.3	213.8	8,300	230
240																18.5	177.2	9,000	26.1	195.6	7,200	240
250																			17.9	170.3	6,200	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	54,500													110
115	59.4	301.6	42,600 *	62.9	306.6	49,300 *	64.9	308.8	51,200													115
120	57.7	298.5	39,900 *	61.3	303.9	46,100 *	63.3	306.3	48,100													120
130	54.2	291.7	35,100 *	57.9	298.0	40,300 *	60.1	300.8	42,700													130
140	50.6	283.9	31,100 *	54.5	291.2	35,400 *	56.7	294.6	38,200	60.2	298.6	34,500										140
150	46.8	275.0	27,700 *	50.8	283.5	31,300 *	53.2	287.4	33,800 *	56.8	292.4	30,900										150
160	42.7	264.8	24,700 *	47.0	274.6	27,900 *	49.5	279.3	30,000 *	53.3	285.3	27,800	56.9	289.2	24,600							160
170	38.2	252.9	22,100 *	42.9	264.5	24,900 *	45.6	270.1	26,700 *	49.6	277.2	25,000	53.3	282.1	22,100							170
180	33.3	238.8	19,900 *	38.5	252.7	22,300 *	41.4	259.4	23,900 *	45.7	268.0	22,600	49.7	274.0	19,900							180
190	27.6	221.5	17,800 *	33.6	238.8	20,000 *	36.8	246.9	21,400 *	41.5	257.4	20,500	45.8	264.8	17,900	49.6	269.7	15,300				190
200	20.4	198.7	16,000 *	27.9	221.8	18,000 *	31.6	232.0	19,200 *	37.0	245.0	18,500	41.6	254.2	16,100	45.7	260.5	13,700				200
210	8.7	159.1	12,400 *	20.9	199.4	16,200 *	25.6	213.3	17,300 *	31.8	230.2	16,800	37.0	241.9	14,400	41.5	249.8	12,200	45.5	254.8	10,000	210
220				9.8	162.1	13,800 *	17.7	187.6	15,500 *	25.8	211.7	15,200	31.9	227.1	13,000	36.9	237.4	10,800	41.2	244.1	8,700	220
230										18.0	186.4	13,700	25.9	208.7	11,600	31.8	222.6	9,600	36.7	231.6	7,600	230
240													18.2	183.5	10,300	25.8	204.1	8,400	31.5	216.6	6,500	240
250																18.0	178.8	7,300	25.4	197.8	5,600	250
260																			17.4	171.8	4,600	260



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	145,500 b													60
65	42.4	186.4	97,300 *	55.2	195.8	128,100 *b	61.8	199.1	131,400 b													65
70	35.8	180.0	87,900 *	49.9	191.8	112,800 *	57.0	196.0	119,600 b													70
75	27.7	171.6	80,000 *	44.2	187.0	100,600 *	51.9	192.3	109,600	63.0	197.2	104,600 b										75
80	16.3	158.5	73,200 *	37.9	181.0	90,600 *	46.4	187.8	101,100	58.2	194.2	96,500 b										80
85				30.4	173.4	82,300 *	40.3	182.3	93,700	53.2	190.7	89,400										85
90				20.4	162.3	75,200 *	33.3	175.4	85,200 *	47.8	186.4	83,300										90
95							24.5	165.9	77,700 *	41.9	181.2	77,900	54.2	187.8	74,200							95
100							9.7	148.5	71,200 *	35.1	174.6	73,000	48.9	183.7	69,600							100
105										27.0	166.0	68,700	43.1	178.7	65,500							105
110										14.9	152.1	64,700	36.5	172.5	61,700	49.5	179.7	58,700				110
115													28.7	164.3	58,300	43.8	174.8	55,500				115
120													17.9	152.1	55,200	37.4	168.8	52,600				120
130																19.5	149.5	47,400	37.6	163.6	45,100	130
140																20.0	144.6	40,900	20.0	144.6	40,900	140





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	130,900 b													65
70	44.9	195.7	88,300 *	55.8	204.5	113,400 *	61.6	207.8	119,100 b													70
75	39.5	190.0	80,300 *	51.3	200.7	101,100 *	57.4	204.7	109,200													75
80	33.3	183.0	73,500 *	46.4	196.2	91,000 *	53.0	201.1	100,700	62.6	205.8	95,900 b										80
85	25.9	173.9	67,700 *	41.2	190.8	82,600 *	48.3	196.8	93,400	58.4	202.9	88,900										85
90	15.2	159.8	62,600 *	35.3	184.2	75,500 *	43.2	191.8	85,500 *	54.1	199.4	82,800										90
95				28.3	175.9	69,400 *	37.5	185.7	78,000 *	49.5	195.4	77,400										95
100				19.0	163.9	64,100 *	31.0	178.1	71,500 *	44.5	190.5	72,600	54.9	196.6	69,000							100
105							22.9	167.9	66,000 *	39.0	184.7	68,300	50.4	192.6	64,900							105
110							9.0	149.2	61,000 *	32.7	177.6	64,400	45.5	188.0	61,200							110
115										25.1	168.2	60,900	40.1	182.4	57,900	51.0	188.6	54,900				115
120										13.8	153.3	57,600	34.0	175.5	54,900	46.1	184.1	52,000				120
130													16.7	153.5	49,400	34.8	171.9	47,000	46.3	178.8	44,500	130
140																18.2	151.1	42,600	35.1	166.8	40,400	140
150																			18.6	146.2	36,800	150



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	118,700 b													70
75	46.8	204.8	80,500 *	56.3	213.2	101,400 *	61.4	216.4	108,800													75
80	42.2	199.6	73,700 *	52.3	209.5	91,200 *	57.7	213.4	100,300													80
85	37.1	193.4	67,800 *	48.1	205.2	82,800 *	53.8	209.9	93,000	62.3	214.5	88,500										85
90	31.3	185.8	62,700 *	43.6	200.2	75,600 *	49.7	205.8	85,700 *	58.6	211.6	82,400										90
95	24.3	176.0	58,200 *	38.7	194.4	69,500 *	45.3	201.1	78,100 *	54.8	208.2	77,000										95
100	14.2	161.0	54,200 *	33.1	187.2	64,200 *	40.6	195.5	71,700 *	50.7	204.2	72,200										100
105				26.6	178.2	59,500 *	35.3	188.9	66,100 *	46.4	199.7	67,900	55.5	205.3	64,500							105
110				17.9	165.5	55,400 *	29.2	180.7	61,200 *	41.8	194.4	64,100	51.5	201.5	60,800							110
115							21.5	169.8	56,900 *	36.6	188.1	60,600	47.3	197.1	57,500							115
120							8.4	149.9	53,000 *	30.8	180.4	57,400	42.7	191.9	54,500	52.0	197.4	51,600				120
130										13.0	154.4	51,700	32.0	178.4	49,200	43.3	188.1	46,600				130
140													15.6	154.8	44,600	32.7	174.9	42,300	43.5	182.8	40,000	140
150																17.1	152.5	38,500	33.0	169.7	36,500	150
160																			17.5	147.7	33,300	160



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	118,200													70
75	52.0	218.2	80,700 *	60.0	225.1	102,000 *	64.5	227.7	108,300													75
80	48.2	213.9	73,800 *	56.6	221.9	91,700 *	61.3	225.1	99,900													80
85	44.2	209.0	67,900 *	53.1	218.3	83,100 *	57.9	222.0	92,500													85
90	39.9	203.3	62,700 *	49.4	214.2	75,800 *	54.4	218.6	86,100 *	62.1	223.1	81,800										90
95	35.1	196.6	58,200 *	45.5	209.5	69,600 *	50.8	214.7	78,400 *	58.7	220.2	76,500										95
100	29.6	188.5	54,200 *	41.2	204.0	64,300 *	46.9	210.2	71,800 *	55.3	216.9	71,700										100
105	23.0	178.0	50,600 *	36.6	197.7	59,600 *	42.8	205.0	66,200 *	51.7	213.1	67,400										105
110	13.5	162.2	47,400 *	31.4	190.1	55,400 *	38.4	199.1	61,200 *	47.9	208.8	63,600	56.0	214.0	60,200							110
115				25.2	180.5	51,700 *	33.4	191.9	56,900 *	43.9	203.8	60,100	52.4	210.3	56,900							115
120				16.9	166.9	48,400 *	27.6	183.2	53,000 *	39.5	198.0	57,000	48.7	206.1	53,900							120
130							7.9	150.5	46,400 *	29.1	182.9	51,400	40.4	195.6	48,700	49.1	202.1	46,000				130
140										29.1	182.9	51,400	40.4	195.6	48,700	40.9	191.8	41,800				140
150													14.8	156.1	40,300	31.0	177.7	38,100	41.1	186.6	35,900	150
160																16.2	153.9	34,800	31.2	172.5	32,900	160
170																			16.6	149.1	30,200	170



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	107,800													75
80	52.8	227.0	75,400 *	60.0	233.8	93,700 *	64.1	236.4	99,400													80
85	49.4	222.8	69,400 *	57.0	230.6	84,900 *	61.1	233.7	92,100													85
90	45.8	218.1	64,100 *	53.8	227.1	77,500 *	58.1	230.7	85,700													90
95	42.0	212.8	59,500 *	50.4	223.1	71,100 *	55.0	227.3	80,100 *	61.9	231.8	75,900										95
100	37.9	206.7	55,400 *	46.9	218.6	65,600 *	51.7	223.5	73,400 *	58.9	228.9	71,200										100
105	33.4	199.6	51,700 *	43.2	213.5	60,800 *	48.2	219.2	67,600 *	55.7	225.6	66,900										105
110	28.2	191.0	48,500 *	39.2	207.6	56,600 *	44.6	214.3	62,500 *	52.5	221.9	63,100										110
115	21.9	179.9	45,500 *	34.8	200.8	52,800 *	40.7	208.8	58,100 *	49.1	217.7	59,700	56.4	222.7	56,400							115
120	12.8	163.2	41,300 *	29.8	192.7	49,400 *	36.5	202.4	54,200 *	45.5	213.0	56,500	53.1	219.1	53,400							120
130				16.1	168.3	43,600 *	26.3	185.5	47,500 *	37.6	201.4	51,000	46.2	210.4	48,200							130
140							7.5	151.1	41,400 *	27.7	185.4	46,300	38.4	199.1	43,800	46.7	206.4	41,200				140
150										11.7	156.4	42,200	28.8	183.7	39,900	38.9	195.4	37,600	46.8	201.2	35,400	150
160													14.1	157.3	36,500	29.5	180.3	34,500	39.1	190.2	32,400	160
170																15.4	155.2	31,600	29.7	175.2	29,800	170
180																			15.8	150.5	27,400	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	98,900													80
85	53.4	235.7	69,000 *	60.0	242.4	84,600 *	63.8	245.1	91,600													85
90	50.4	231.7	63,700 *	57.2	239.3	77,100 *	61.0	242.4	85,200													90
95	47.2	227.2	59,100 *	54.3	235.8	70,700 *	58.3	239.4	79,600													95
100	43.8	222.2	55,000 *	51.3	231.9	65,200 *	55.4	236.0	73,000 *	61.7	240.5	70,600										100
105	40.2	216.5	51,300 *	48.1	227.6	60,400 *	52.4	232.3	67,200 *	59.0	237.6	66,400										105
110	36.2	210.0	48,000 *	44.8	222.7	56,200 *	49.3	228.2	62,100 *	56.1	234.3	62,600										110
115	31.9	202.5	45,100 *	41.3	217.3	52,400 *	46.0	223.5	57,700 *	53.2	230.7	59,200										115
120	27.0	193.4	42,400 *	37.4	211.0	49,000 *	42.6	218.3	53,700 *	50.1	226.6	56,000	56.7	231.4	52,900							120
130	12.2	164.3	36,400 *	28.5	195.3	43,200 *	34.8	205.5	47,100 *	43.5	217.0	50,500	50.7	223.9	47,700							130
140				15.4	169.6	38,400 *	25.1	187.7	41,600 *	35.9	204.7	45,900	44.1	214.5	43,200	51.1	219.8	40,700				140
150							7.2	151.7	36,600 *	26.5	187.8	41,900	36.7	202.5	39,500	44.6	210.6	37,100				150
160										11.2	157.3	37,500 *	27.5	186.1	36,100	37.2	198.8	33,900	44.7	205.3	31,800	160
170													13.4	158.5	33,200	28.2	182.8	31,200	37.3	193.6	29,200	170
180																14.7	156.5	28,700	28.4	177.7	26,900	180
190																			15.0	151.8	24,800	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	110,200																70
75	61.8	254.1	82,700 *	67.4	258.7	100,700																75
80	59.3	251.2	75,500 *	65.0	256.4	92,500																80
85	56.6	248.0	69,300 *	62.6	253.9	85,100 *	65.9	256.2	81,600													85
90	53.9	244.5	63,900 *	60.0	251.1	77,500 *	63.5	253.7	75,600													90
95	51.2	240.6	59,200 *	57.4	248.0	71,100 *	61.0	251.0	70,400													95
100	48.2	236.2	55,100 *	54.8	244.5	65,500 *	58.4	248.1	65,800													100
105	45.2	231.4	51,400 *	52.0	240.7	60,600 *	55.8	244.8	61,600	61.6	249.1	56,600										105
110	41.9	226.1	48,100 *	49.1	236.6	56,300 *	53.0	241.1	57,900	59.0	246.2	53,200										110
115	38.5	220.0	45,100 *	46.1	231.9	52,500 *	50.2	237.1	54,500	56.4	243.0	50,000										115
120	34.7	213.2	42,400 *	42.9	226.7	49,100 *	47.2	232.6	51,400	53.7	239.4	47,200										120
130	25.9	195.7	37,700 *	35.9	214.3	43,200 *	40.8	222.0	46,100	48.0	231.1	42,200	54.2	236.6	38,300							130
140	11.7	165.3	32,500 *	27.4	197.7	38,400 *	33.4	208.5	41,500	41.7	220.8	37,900	48.6	228.4	34,400							140
150				14.7	170.9	34,300 *	24.1	189.9	37,100 *	34.4	207.8	34,300	42.3	218.4	31,000	48.9	224.4	27,800				150
160							6.9	152.3	32,700 *	25.4	190.0	31,000	35.2	205.6	28,000	42.7	214.5	25,100				160
170										10.7	158.2	28,100	26.4	188.5	25,400	35.6	202.0	22,700	42.8	209.3	20,000	170
180													12.9	159.6	23,000	27.0	185.2	20,600	35.8	196.8	18,100	180
190																14.1	157.7	18,600	27.2	180.1	16,300	190
200																			14.4	153.0	14,700	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	100,100																75
80	61.7	262.8	75,000 *	66.9	267.4	91,900																80
85	59.3	259.9	68,900 *	64.7	265.1	84,700 *	67.7	267.1	80,900													85
90	56.9	256.7	63,500 *	62.4	262.5	77,100 *	65.5	264.9	75,000													90
95	54.4	253.2	58,800 *	60.0	259.7	70,600 *	63.2	262.4	69,800													95
100	51.8	249.4	54,600 *	57.6	256.7	65,000 *	60.9	259.7	65,100													100
105	49.1	245.2	50,900 *	55.2	253.3	60,200 *	58.5	256.7	61,000													105
110	46.4	240.6	47,600 *	52.6	249.5	55,900 *	56.1	253.4	57,300	61.5	257.8	52,400										110
115	43.4	235.4	44,700 *	50.0	245.5	52,000 *	53.5	249.9	53,900	59.1	254.9	49,300										115
120	40.3	229.8	42,000 *	47.2	241.0	48,600 *	50.9	245.9	50,800	56.7	251.7	46,500										120
130	33.4	216.2	37,300 *	41.3	230.5	42,800 *	45.4	236.8	45,500	51.6	244.3	41,500	57.2	248.7	37,600							130
140	24.9	197.9	33,300 *	34.5	217.4	37,900 *	39.3	225.6	40,900	46.1	235.4	37,300	52.1	241.5	33,600							140
150	11.3	166.2	28,800 *	26.3	200.0	33,900 *	32.1	211.4	36,600 *	40.1	224.5	33,600	46.7	232.8	30,300	52.4	237.5	27,000				150
160				14.2	172.1	30,400 *	23.2	191.9	32,700 *	33.1	210.8	30,500	40.7	222.1	27,400	47.0	228.8	24,300				160
170							6.6	152.8	29,100 *	24.4	192.2	27,700	33.8	208.7	24,800	41.1	218.3	22,000	47.1	223.6	19,200	170
180										10.3	159.1	25,100	25.4	190.7	22,500	34.3	205.1	19,900	41.2	213.1	17,300	180
190													12.4	160.6	20,400	26.0	187.5	18,000	34.4	199.9	15,600	190
200																13.6	158.9	16,200	26.2	182.5	14,000	200
210																			13.9	154.2	12,500	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	91,300																80
85	61.6	271.4	69,500 *	66.5	276.1	84,200																85
90	59.4	268.5	64,100 *	64.4	273.8	77,900 *	67.2	275.8	74,300													90
95	57.1	265.4	59,300 *	62.2	271.2	71,300 *	65.1	273.6	69,100													95
100	54.8	261.9	55,100 *	60.0	268.4	65,600 *	63.0	271.1	64,500													100
105	52.4	258.2	51,300 *	57.8	265.3	60,700 *	60.8	268.4	60,400													105
110	49.9	254.1	48,000 *	55.5	262.0	56,300 *	58.6	265.4	56,600													110
115	47.4	249.6	45,000 *	53.1	258.3	52,400 *	56.3	262.1	53,300	61.4	266.5	48,600										115
120	44.7	244.7	42,200 *	50.7	254.3	49,000 *	54.0	258.6	50,200	59.2	263.5	45,800										120
130	38.9	233.3	37,500 *	45.5	245.2	43,100 *	49.1	250.5	44,900	54.6	256.9	40,800										130
140	32.2	219.1	33,500 *	39.8	234.1	38,200 *	43.8	240.8	40,400	49.7	249.0	36,600	55.0	254.0	33,000							140
150	24.0	200.0	30,100 *	33.3	220.4	34,100 *	37.9	229.1	36,500	44.5	239.5	33,000	50.2	246.2	29,600							150
160	10.9	167.1	24,700 *	25.4	202.3	30,600 *	31.0	214.2	32,900 *	38.6	228.0	29,900	45.0	236.9	26,700	50.5	242.2	23,700				160
170				13.7	173.3	27,200 *	22.4	193.9	29,600 *	31.9	213.6	27,100	39.2	225.7	24,200	45.3	233.0	21,300				170
180							6.4	153.3	25,100 *	23.6	194.2	24,700	32.6	211.6	21,900	39.6	221.9	19,200	45.4	227.8	16,600	180
190										9.9	160.0	22,400	24.5	192.9	19,900	33.1	208.1	17,400	39.7	216.7	14,900	190
200													12.0	161.6	18,000	25.1	189.7	15,700	33.2	202.9	13,400	200
210																13.1	160.0	14,100	25.2	184.7	12,000	210
220																			13.4	155.4	10,600	220





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	83,600																85
90	61.5	280.1	64,100 *	66.1	284.8	77,400																90
95	59.4	277.2	59,300 *	64.1	282.5	71,500 *	66.8	284.6	68,500													95
100	57.3	274.1	55,000 *	62.1	279.9	65,800 *	64.8	282.3	63,800													100
105	55.1	270.6	51,200 *	60.0	277.1	60,700 *	62.8	279.8	59,700													105
110	52.9	267.0	47,800 *	57.9	274.0	56,300 *	60.8	277.0	56,000													110
115	50.6	262.9	44,800 *	55.8	270.7	52,300 *	58.7	274.1	52,700													115
120	48.2	258.6	42,000 *	53.6	267.1	48,800 *	56.6	270.8	49,600	61.3	275.1	45,100										120
130	43.2	248.7	37,200 *	48.9	258.9	42,800 *	52.1	263.5	44,300	57.1	269.0	40,100										130
140	37.6	236.7	33,100 *	44.0	249.3	37,900 *	47.4	254.9	39,800	52.7	261.9	36,000	57.5	266.1	32,200							140
150	31.2	221.9	29,700 *	38.5	237.6	33,700 *	42.3	244.7	35,900	48.0	253.5	32,400	53.1	259.1	28,900							150
160	23.2	202.0	26,700 *	32.2	223.3	30,200 *	36.6	232.4	32,500	43.0	243.5	29,200	48.5	250.8	26,000							160
170	10.5	168.0	21,800 *	24.6	204.4	27,100 *	30.0	216.9	29,200 *	37.3	231.4	26,500	43.5	241.0	23,500	48.8	246.8	20,600				170
180				13.2	174.4	24,200 *	21.6	195.8	26,300 *	30.9	216.4	24,100	37.9	229.1	21,300	43.8	237.1	18,500				180
190							6.1	153.8	22,300 *	22.8	196.3	21,900	31.6	214.5	19,300	38.3	225.4	16,700	43.9	231.8	14,200	190
200										9.6	160.8	19,800	23.7	195.0	17,400	32.0	210.9	15,000	38.4	220.2	12,700	200
210													11.6	162.6	15,700	24.3	191.9	13,500	32.1	205.8	11,300	210
220																12.6	161.1	12,100	24.4	186.8	10,000	220
230																			12.9	156.5	8,800	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	77,000																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	63,400													100
105	57.5	282.7	50,900 *	62.0	288.5	60,400 *	64.5	291.0	59,300													105
110	55.4	279.4	47,500 *	60.0	285.7	56,000 *	62.7	288.4	55,600													110
115	53.3	275.7	44,400 *	58.0	282.7	52,000 *	60.7	285.7	52,300													115
120	51.2	271.8	41,700 *	56.0	279.4	48,500 *	58.8	282.7	49,200													120
130	46.7	262.9	36,900 *	51.8	272.0	42,500 *	54.7	276.1	43,900	59.3	280.9	39,700										130
140	41.8	252.5	32,800 *	47.4	263.3	37,600 *	50.5	268.3	39,400	55.2	274.3	35,600										140
150	36.4	240.0	29,400 *	42.6	253.2	33,400 *	45.9	259.2	35,500	51.0	266.7	32,000	55.6	271.4	28,500							150
160	30.2	224.6	26,400 *	37.3	241.0	29,900 *	41.0	248.5	32,200 *	46.5	257.8	28,900	51.4	263.9	25,700							160
170	22.5	204.0	23,800 *	31.2	226.1	26,800 *	35.5	235.6	28,900 *	41.6	247.3	26,200	46.9	255.1	23,100	51.7	259.9	20,200				170
180	10.2	168.9	19,400 *	23.8	206.5	24,200 *	29.1	219.5	26,000 *	36.2	234.7	23,800	42.1	244.8	20,900	47.2	251.2	18,100				180
190				12.8	175.5	21,500 *	21.0	197.6	23,400 *	29.9	219.1	21,600	36.7	232.5	18,900	42.4	241.0	16,300	47.3	245.9	13,800	190
200							5.9	154.3	19,900 *	22.1	198.2	19,600	30.6	217.2	17,100	37.1	228.8	14,700	42.5	235.8	12,300	200
210										9.3	161.5	17,800	23.0	197.0	15,500	31.0	213.7	13,200	37.2	223.6	10,900	210
220													11.2	163.6	13,900	23.5	193.9	11,800	31.1	208.6	9,700	220
230																12.3	162.1	10,500	23.7	188.9	8,600	230
240																			12.5	157.5	7,400	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	62,800													100
105	59.5	294.5	50,400 *	63.6	299.8	59,900 *	66.1	302.0	58,700													105
110	57.6	291.4	47,000 *	61.9	297.2	55,400 *	64.3	299.6	55,000													110
115	55.7	288.1	43,900 *	60.0	294.4	51,500 *	62.5	297.1	51,600													115
120	53.7	284.5	41,100 *	58.2	291.3	48,000 *	60.7	294.4	48,600													120
130	49.6	276.4	36,300 *	54.3	284.5	42,000 *	57.0	288.2	43,300	61.2	292.4	39,100										130
140	45.3	267.1	32,300 *	50.3	276.7	37,000 *	53.1	281.1	38,800	57.4	286.4	34,900										140
150	40.6	256.2	28,800 *	46.0	267.6	32,900 *	48.9	272.9	34,900	53.5	279.4	31,300	57.8	283.4	27,800							150
160	35.4	243.2	25,900 *	41.3	257.0	29,300 *	44.5	263.3	31,600	49.5	271.3	28,200	53.9	276.6	24,900							160
170	29.3	227.2	23,300 *	36.2	244.3	26,300 *	39.7	252.1	28,300 *	45.1	262.0	25,500	49.9	268.6	22,400							170
180	21.8	205.9	21,000 *	30.3	228.8	23,600 *	34.4	238.7	25,400 *	40.4	251.0	23,100	45.5	259.4	20,200	50.1	264.6	17,400				180
190	9.9	169.7	17,000 *	23.1	208.6	21,300 *	28.2	222.0	22,900 *	35.1	237.9	21,000	40.8	248.6	18,300	45.8	255.5	15,600				190
200				12.4	176.6	19,000 *	20.3	199.4	20,600 *	29.0	221.7	19,100	35.7	235.7	16,500	41.1	244.8	14,000	45.9	250.2	11,600	200
210							5.8	154.8	17,500 *	21.5	200.1	17,300	29.7	219.8	14,900	36.0	232.0	12,500	41.2	239.5	10,200	210
220										9.0	162.3	15,600	22.3	199.0	13,400	30.1	216.4	11,200	36.1	226.9	9,000	220
230													10.9	164.5	12,000	22.8	195.9	9,900	30.2	211.3	7,900	230
240																11.9	163.1	8,700	23.0	191.0	6,800	240
250																			12.2	158.6	5,800	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	58,100													105
110	59.5	303.2	46,500 *	63.5	308.5	54,900 *	65.7	310.7	54,400													110
115	57.7	300.1	43,400 *	61.8	305.9	51,000 *	64.1	308.3	51,000													115
120	55.9	296.8	40,600 *	60.0	303.0	47,500 *	62.4	305.8	48,000													120
130	52.2	289.4	35,800 *	56.5	296.8	41,500 *	58.9	300.1	42,700	62.8	303.8	38,400										130
140	48.2	281.0	31,800 *	52.7	289.5	36,500 *	55.3	293.5	38,200	59.3	298.2	34,300										140
150	44.0	271.2	28,300 *	48.8	281.3	32,400 *	51.5	286.0	34,400	55.8	291.7	30,700										150
160	39.4	259.8	25,400 *	44.7	271.7	28,800 *	47.5	277.3	31,100	52.0	284.3	27,700	56.1	288.8	24,300							160
170	34.4	246.3	22,800 *	40.2	260.6	25,800 *	43.3	267.3	27,800 *	48.0	275.8	25,000	52.4	281.5	21,800							170
180	28.5	229.7	20,500 *	35.2	247.5	23,200 *	38.6	255.6	24,900 *	43.8	266.0	22,600	48.4	273.1	19,600	52.6	277.5	16,800				180
190	21.2	207.8	18,500 *	29.5	231.4	20,800 *	33.5	241.7	22,400 *	39.2	254.6	20,400	44.2	263.5	17,700	48.7	269.2	15,000				190
200	9.6	170.6	14,800 *	22.5	210.6	18,800 *	27.4	224.4	20,200 *	34.1	241.0	18,500	39.7	252.2	15,900	44.5	259.6	13,400				200
210				12.1	177.6	16,700 *	19.8	201.1	18,200 *	28.2	224.2	16,800	34.7	238.8	14,300	40.0	248.4	11,900	44.6	254.3	9,600	210
220							5.6	155.2	15,300 *	20.9	201.9	15,200	28.9	222.4	12,900	35.0	235.2	10,600	40.1	243.2	8,400	220
230										8.8	163.0	13,700	21.7	200.9	11,500	29.3	219.0	9,400	35.1	230.0	7,300	230
240													10.6	165.4	10,200	22.2	197.9	8,200	29.4	213.9	6,300	240
250																11.6	164.1	7,200	22.3	192.9	5,300	250
260																			11.8	159.6	4,400	260



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	53,700													110
115	59.5	311.8	42,900 *	63.3	317.2	49,900 *	65.5	319.4	50,400													115
120	57.8	308.8	40,100 *	61.7	314.5	46,900 *	63.9	317.0	47,400													120
130	54.4	301.9	35,300 *	58.3	308.7	40,900 *	60.6	311.7	42,100													130
140	50.7	294.2	31,200 *	54.9	302.0	36,000 *	57.3	305.6	37,600	61.0	309.8	33,600										140
150	46.9	285.3	27,800 *	51.3	294.4	31,800 *	53.8	298.6	33,800	57.7	303.8	30,100										150
160	42.8	275.1	24,800 *	47.5	285.7	28,300 *	50.1	290.7	30,500	54.2	296.9	27,000	58.0	300.8	23,600							160
170	38.4	263.3	22,200 *	43.5	275.7	25,200 *	46.3	281.6	27,300 *	50.6	289.1	24,300	54.6	294.0	21,100							170
180	33.5	249.3	19,900 *	39.1	264.2	22,600 *	42.1	271.2	24,400 *	46.7	280.2	21,900	50.9	286.3	18,900							180
190	27.8	232.2	17,900 *	34.2	250.6	20,300 *	37.6	259.1	21,800 *	42.6	269.9	19,800	47.1	277.5	17,000	51.2	282.3	14,200				190
200	20.7	209.6	16,100 *	28.7	234.0	18,200 *	32.6	244.6	19,600 *	38.2	258.1	17,900	43.1	267.4	15,200	47.4	273.6	12,600				200
210	9.4	171.3	12,800 *	21.9	212.5	16,400 *	26.7	226.8	17,600 *	33.2	244.0	16,200	38.6	255.7	13,700	43.3	263.6	11,200	47.4	268.3	8,800	210
220				11.8	178.6	14,500 *	19.3	202.8	15,800 *	27.5	226.6	14,600	33.7	241.9	12,200	38.9	252.0	9,900	43.4	258.3	7,600	220
230							5.4	155.7	13,300 *	20.3	203.7	13,200	28.1	224.9	10,900	34.1	238.3	8,700	39.0	246.8	6,600	230
240										8.5	163.8	11,800	21.1	202.7	9,700	28.5	221.6	7,600	34.2	233.1	5,600	240
250													10.3	166.3	8,500	21.6	199.8	6,600	28.6	216.5	4,600	250
260																11.3	165.1	5,600				260



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	149,000 b	67.9	212.3	144,500 b													60
65	42.8	196.8	98,100 *	56.4	206.6	132,400 *b	63.4	209.9	130,400 b													65
70	36.3	190.5	88,500 *	51.2	202.8	116,200 *	58.7	207.0	118,700 b													70
75	28.4	182.3	80,500 *	45.7	198.2	103,300 *	53.7	203.5	108,800 b													75
80	17.3	169.8	73,700 *	39.5	192.6	92,800 *	48.4	199.3	100,400	60.7	205.5	95,200 b										80
85				32.3	185.4	84,200 *	42.5	194.2	93,100	55.8	202.2	88,300 b										85
90				23.2	175.4	76,800 *	35.9	187.8	86,600	50.6	198.4	82,200										90
95				5.1	153.9	69,000 *	27.9	179.4	80,100 *	45.0	193.7	76,900	57.6	199.6	72,700 b							95
100							16.5	166.5	73,400 *	38.8	187.9	72,100	52.5	196.0	68,200							100
105										31.4	180.5	67,800	47.1	191.6	64,200							105
110										22.0	170.1	63,900	41.1	186.3	60,600							110
115													34.2	179.5	57,300	48.7	188.1	54,100				115
120													25.8	170.5	54,200	42.9	183.0	51,200				120
130																28.4	168.6	46,200	44.0	178.3	43,600	130
140																			30.1	164.5	39,500	140



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	134,000 b	67.0	221.0	129,900 b													65
70	45.3	206.1	89,300 *	56.8	215.3	117,600 *	63.0	218.5	118,200 b													70
75	39.9	200.4	81,200 *	52.4	211.6	104,400 *	58.9	215.7	108,400													75
80	33.8	193.5	74,300 *	47.7	207.3	93,800 *	54.5	212.3	99,900													80
85	26.4	184.6	68,300 *	42.5	202.1	84,900 *	49.9	208.3	92,700	60.6	214.1	87,700 b										85
90	16.1	171.1	63,100 *	36.8	195.9	77,400 *	45.0	203.5	86,300	56.4	210.9	81,700										90
95				30.1	188.1	71,100 *	39.6	197.8	80,700	51.9	207.2	76,400										95
100				21.6	177.3	65,500 *	33.4	190.8	74,000 *	47.1	202.8	71,600	57.9	208.3	67,700							100
105				4.7	154.2	59,600 *	26.0	181.7	68,100 *	41.9	197.5	67,400	53.5	204.8	63,600							105
110							15.4	167.8	62,900 *	36.1	191.2	63,600	48.9	200.6	60,000							110
115										29.3	183.1	60,100	43.8	195.7	56,800							115
120										20.5	171.8	56,900	38.3	189.8	53,800	50.2	197.0	50,700				120
130													24.0	172.6	48,500	39.9	186.7	45,700				130
140																26.5	170.9	41,500	41.0	182.0	39,000	140
150																			28.0	167.0	35,600	150



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	133,600 b																65
70	51.4	219.6	89,600 *	60.9	227.1	118,100 *	66.2	229.7	117,800 b													70
75	47.1	215.2	81,400 *	57.2	224.0	104,800 *	62.7	227.2	107,900													75
80	42.5	210.0	74,400 *	53.3	220.4	94,000 *	59.0	224.3	99,500													80
85	37.5	203.9	68,500 *	49.2	216.3	85,100 *	55.2	221.0	92,300													85
90	31.8	196.4	63,300 *	44.7	211.5	77,600 *	51.1	217.1	85,900	60.5	222.8	81,200										90
95	24.9	186.8	58,700 *	39.9	205.8	71,200 *	46.9	212.6	80,300	56.8	219.6	75,900										95
100	15.2	172.4	54,600 *	34.6	199.0	65,700 *	42.3	207.4	74,100 *	52.8	216.0	71,200										100
105				28.3	190.6	60,800 *	37.2	201.2	68,200 *	48.7	211.8	67,000										105
110				20.3	179.1	56,500 *	31.4	193.7	63,000 *	44.2	206.9	63,200	54.3	213.5	59,600							110
115				4.3	154.5	51,900 *	24.4	183.9	58,500 *	39.4	201.2	59,800	50.2	209.5	56,300							115
120							14.4	169.0	54,500 *	33.9	194.2	56,600	45.9	204.9	53,400							120
130										19.2	173.5	51,100	36.0	193.0	48,200	47.1	201.4	45,300				130
140													22.6	174.6	43,700	37.5	190.1	41,100	48.0	196.5	38,500	140
150																24.9	173.1	37,500	38.5	185.6	35,100	150
160																			26.4	169.3	32,200	160





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	107,400													75	
80	48.5	224.2	74,300 *	57.5	232.7	94,000 *	62.4	235.9	99,100													80	
85	44.5	219.3	68,300 *	54.0	229.2	85,000 *	59.1	233.0	91,800													85	
90	40.2	213.7	63,100 *	50.3	225.2	77,500 *	55.7	229.7	85,500													90	
95	35.5	207.1	58,500 *	46.4	220.6	71,100 *	52.1	225.9	79,900	60.5	231.4	75,400										95	
100	30.1	199.1	54,500 *	42.3	215.4	65,500 *	48.3	221.7	74,000 *	57.1	228.3	70,700										100	
105	23.5	188.9	50,900 *	37.8	209.3	60,600 *	44.3	216.8	68,000 *	53.6	224.8	66,500										105	
110	14.3	173.6	47,600 *	32.7	202.0	56,400 *	40.0	211.1	62,900 *	49.9	220.7	62,700										110	
115				26.8	193.0	52,600 *	35.2	204.4	58,300 *	46.0	216.1	59,300	54.9	222.3	55,700								115
120				19.2	180.8	49,200 *	29.7	196.3	54,300 *	41.8	210.8	56,200	51.3	218.4	52,800								120
130							13.6	170.2	47,500 *	32.1	197.1	50,700	43.4	208.9	47,700	52.3	214.7	44,700					130
140										18.2	175.1	46,000	34.0	196.1	43,300	44.5	205.6	40,500					140
150													21.4	176.5	39,500	35.5	193.4	37,000	45.3	200.7	34,500		150
160																23.6	175.2	33,900	36.4	188.9	31,600		160
170																			24.9	171.5	29,000		170



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	120,600																70
75	56.2	240.9	83,100 *	63.7	247.1	107,200 *	68.0	249.3	106,900													75
80	53.0	237.2	75,900 *	60.8	244.4	96,100 *	65.1	247.1	98,600													80
85	49.7	233.1	69,800 *	57.7	241.3	86,900 *	62.2	244.5	91,300													85
90	46.1	228.5	64,400 *	54.6	237.9	79,200 *	59.2	241.7	85,000													90
95	42.3	223.2	59,800 *	51.3	234.0	72,600 *	56.1	238.4	79,400													95
100	38.2	217.2	55,700 *	47.8	229.7	66,900 *	52.8	234.7	74,500	60.4	240.1	70,200										100
105	33.7	210.1	52,000 *	44.1	224.7	61,900 *	49.5	230.6	69,500 *	57.4	237.0	66,000										105
110	28.6	201.6	48,700 *	40.2	219.1	57,600 *	45.9	225.9	64,200 *	54.2	233.5	62,200										110
115	22.4	190.8	45,700 *	35.9	212.5	53,700 *	42.1	220.6	59,600 *	50.9	229.6	58,800										115
120	13.6	174.8	42,000 *	31.1	204.8	50,200 *	38.0	214.6	55,500 *	47.4	225.2	55,700	55.4	231.0	52,300							120
130				18.3	182.3	44,300 *	28.3	198.8	48,600 *	39.8	214.4	50,300	48.7	223.0	47,200							130
140							13.0	171.3	42,900 *	30.5	199.8	45,600	41.2	212.7	42,800	49.7	219.4	40,000				140
150										17.3	176.6	41,600	32.4	199.0	39,100	42.3	209.5	36,500				150
160													20.3	178.2	35,800	33.8	196.4	33,400	43.1	204.7	31,100	160
170																22.4	177.1	30,700	34.7	192.0	28,600	170
180																			23.7	173.6	26,300	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	109,800																70
75	59.4	252.7	82,700 *	66.1	258.2	100,300																75
80	56.6	249.5	75,500 *	63.4	255.8	92,100	67.3	258.1	87,600													80
85	53.6	246.0	69,400 *	60.7	253.1	85,100	64.7	255.8	80,900													85
90	50.6	242.0	64,000 *	57.9	250.0	78,800 *	62.0	253.2	75,000													90
95	47.4	237.6	59,400 *	55.0	246.6	72,200 *	59.2	250.3	69,800													95
100	44.0	232.6	55,200 *	52.0	242.8	66,500 *	56.4	247.1	65,200													100
105	40.4	226.9	51,600 *	48.9	238.6	61,500 *	53.5	243.5	61,100	60.4	248.8	55,700										105
110	36.5	220.5	48,300 *	45.6	233.9	57,200 *	50.4	239.5	57,400	57.6	245.7	52,200										110
115	32.2	213.0	45,300 *	42.1	228.6	53,300 *	47.2	235.0	54,100	54.7	242.3	49,200										115
120	27.3	204.1	42,600 *	38.4	222.6	49,800 *	43.8	230.0	51,000	51.7	238.4	46,300										120
130	13.0	175.9	37,000 *	29.7	207.4	43,900 *	36.3	217.8	45,700	45.3	229.4	41,400	52.8	236.0	37,200							130
140				17.5	183.9	38,900 *	27.0	201.2	41,100	38.0	217.9	37,200	46.5	227.3	33,400							140
150							12.4	172.3	37,100	29.2	202.5	33,600	39.4	216.3	30,100	47.4	223.8	26,600				150
160										16.6	178.0	30,400	30.9	201.8	27,200	40.4	213.2	23,900				160
170													19.4	179.9	24,600	32.3	199.3	21,600	48.0	218.9	20,800	170
180																21.4	179.0	19,500	41.1	208.5	18,700	180
190																			22.7	175.6	15,100	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	109,400																70
75	62.0	264.3	83,200 *	68.0	269.1	99,900																75
80	59.4	261.4	75,900 *	65.6	266.9	91,800																80
85	56.8	258.2	69,700 *	63.2	264.4	84,700	66.8	266.8	80,500													85
90	54.1	254.7	64,300 *	60.7	261.7	78,600	64.3	264.5	74,600													90
95	51.3	250.8	59,600 *	58.1	258.7	72,600 *	61.8	261.9	69,500													95
100	48.4	246.5	55,400 *	55.4	255.3	66,800 *	59.3	259.0	64,900													100
105	45.4	241.8	51,700 *	52.7	251.6	61,800 *	56.7	255.8	60,800	62.9	260.2	55,300										105
110	42.2	236.5	48,300 *	49.8	247.5	57,300 *	54.0	252.3	57,100	60.4	257.4	51,900										110
115	38.7	230.5	45,300 *	46.9	243.0	53,400 *	51.2	248.3	53,800	57.8	254.4	48,800										115
120	35.0	223.7	42,600 *	43.7	238.0	49,900 *	48.3	244.0	50,700	55.1	251.0	46,000										120
130	26.2	206.4	37,900 *	36.8	225.9	43,900 *	42.0	233.9	45,400	49.5	243.1	41,100	56.1	248.4	36,800							130
140	12.5	177.0	33,000 *	28.5	210.0	39,000 *	34.8	221.0	40,900	43.4	233.4	36,900	50.6	240.8	33,000							140
150				16.8	185.3	34,800 *	25.9	203.5	37,000	36.4	221.2	33,400	44.5	231.5	29,800	51.4	237.1	26,200				150
160							11.9	173.3	33,500	28.0	204.9	30,200	37.7	219.8	26,900	45.4	228.0	23,600				160
170										15.9	179.4	27,400	29.7	204.4	24,400	38.8	216.8	21,300	46.0	223.2	18,400	170
180													18.6	181.5	22,100	30.9	202.1	19,300	39.4	212.1	16,500	180
190																20.6	180.8	17,400	31.8	197.8	14,900	190
200																			21.8	177.5	13,300	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	99,300																75
80	61.8	272.9	75,500 *	67.5	277.8	91,200																80
85	59.5	270.1	69,300 *	65.2	275.6	84,100																85
90	57.1	266.9	63,800 *	62.9	273.1	78,000	66.3	275.5	74,000													90
95	54.6	263.5	59,100 *	60.6	270.4	72,100 *	64.0	273.2	68,800													95
100	52.0	259.7	54,900 *	58.2	267.4	66,300 *	61.7	270.5	64,200													100
105	49.3	255.5	51,200 *	55.8	264.0	61,300 *	59.3	267.6	60,100													105
110	46.6	250.9	47,900 *	53.2	260.4	56,900 *	56.9	264.5	56,500	62.7	268.9	51,100										110
115	43.6	245.8	44,900 *	50.6	256.4	52,900 *	54.4	261.0	53,100	60.3	266.1	48,100										115
120	40.6	240.2	42,100 *	47.9	252.0	49,400 *	51.9	257.2	50,100	57.9	263.0	45,300										120
130	33.7	226.7	37,400 *	42.0	241.8	43,400 *	46.4	248.4	44,800	52.9	256.0	40,400										130
140	25.2	208.6	33,400 *	35.4	229.1	38,500 *	40.4	237.6	40,300	47.6	247.5	36,300	53.9	253.5	32,300							140
150	12.0	178.0	29,300 *	27.4	212.4	34,300 *	33.5	224.0	36,400	41.7	237.2	32,700	48.6	245.3	29,000							150
160				16.1	186.7	30,800 *	24.9	205.7	33,100	35.0	224.3	29,600	42.8	235.4	26,200	49.4	241.7	22,900				160
170							11.4	174.3	29,900 *	26.9	207.3	26,900	36.3	223.1	23,700	43.7	232.1	20,600				170
180										15.3	180.7	24,400	28.5	207.0	21,500	37.3	220.1	18,600	44.2	227.3	15,700	180
190													17.9	183.1	19,500	29.8	204.7	16,800	37.9	215.6	14,100	190
200																19.8	182.5	15,100	30.6	200.6	12,600	200
210																			20.9	179.3	11,300	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	90,500																80
85	61.7	281.6	69,900 *	67.0	286.6	83,500																85
90	59.5	278.7	64,400 *	64.9	284.3	77,400	68.0	286.4	73,300													90
95	57.3	275.6	59,600 *	62.7	281.8	72,000	65.9	284.2	68,200													95
100	54.9	272.2	55,400 *	60.6	279.0	66,900 *	63.8	281.8	63,600													100
105	52.6	268.4	51,600 *	58.3	276.0	61,800 *	61.6	279.2	59,500													105
110	50.1	264.4	48,200 *	56.1	272.7	57,300 *	59.4	276.3	55,800													110
115	47.5	259.9	45,200 *	53.7	269.2	53,300 *	57.1	273.2	52,500	62.5	277.5	47,400										115
120	44.9	255.0	42,400 *	51.3	265.3	49,800 *	54.8	269.7	49,500	60.3	274.7	44,600										120
130	39.1	243.7	37,600 *	46.2	256.3	43,700 *	50.0	261.9	44,200	55.8	268.4	39,700										130
140	32.5	229.6	33,600 *	40.5	245.5	38,700 *	44.7	252.5	39,700	51.0	260.8	35,600	56.6	265.8	31,600							140
150	24.3	210.8	30,200 *	34.2	232.2	34,500 *	38.9	241.1	35,900	45.9	251.8	32,100	51.9	258.4	28,400							150
160	11.6	179.0	25,100 *	26.5	214.8	31,000 *	32.3	226.9	32,500	40.2	240.9	29,000	46.8	249.7	25,500	52.6	254.7	22,200				160
170				15.6	188.1	27,900 *	24.1	207.9	29,600	33.8	227.4	26,300	41.3	239.2	23,100	47.6	246.2	19,900				170
180							11.0	175.2	26,900	26.0	209.6	23,900	35.0	226.2	20,900	42.1	236.0	17,900				180
190										14.7	182.0	21,700	27.5	209.4	18,900	36.0	223.4	16,100	42.6	231.2	13,400	190
200													17.3	184.6	17,100	28.7	207.3	14,500	36.6	218.9	12,000	200
210																19.1	184.2	13,000	29.5	203.2	10,700	210
220																			20.2	181.1	9,400	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	82,900																85
90	61.6	290.3	64,500 *	66.6	295.3	76,800																90
95	59.5	287.4	59,600 *	64.6	293.0	71,400	67.5	295.2	67,500													95
100	57.4	284.3	55,300 *	62.6	290.5	66,600	65.5	292.9	62,900													100
105	55.3	280.9	51,500 *	60.5	287.7	61,900 *	63.5	290.5	58,800													105
110	53.1	277.2	48,000 *	58.4	284.7	57,300 *	61.5	287.9	55,200													110
115	50.8	273.2	45,000 *	56.3	281.4	53,300 *	59.4	285.0	51,900													115
120	48.4	268.9	42,200 *	54.1	277.9	49,600 *	57.3	281.8	48,900	62.4	286.2	43,900										120
130	43.4	259.0	37,300 *	49.5	269.9	43,500 *	52.9	274.7	43,600	58.2	280.4	39,000										130
140	37.8	247.2	33,300 *	44.6	260.4	38,400 *	48.3	266.4	39,100	53.9	273.5	34,900										140
150	31.4	232.4	29,800 *	39.2	249.1	34,200 *	43.2	256.5	35,300	49.3	265.5	31,400	54.7	271.0	27,600							150
160	23.5	212.8	26,800 *	33.0	235.2	30,600 *	37.6	244.6	32,000	44.3	255.9	28,400	50.1	263.2	24,800							160
170	11.2	179.9	22,300 *	25.6	217.0	27,500 *	31.2	229.7	29,000	38.9	244.4	25,700	45.2	253.9	22,400	50.8	259.5	19,100				170
180				15.1	189.4	24,800 *	23.3	209.9	26,400	32.7	230.3	23,300	39.9	242.8	20,200	45.9	250.5	17,200				180
190							10.6	176.1	24,000 *	25.1	211.9	21,200	33.9	229.3	18,300	40.7	239.7	15,400	46.4	245.6	12,700	190
200										14.2	183.2	19,200	26.6	211.8	16,500	34.8	226.5	13,800	41.2	235.0	11,200	200
210													16.7	186.1	14,900	27.8	209.8	12,400	35.4	222.1	9,900	210
220																18.5	185.8	11,000	28.5	205.8	8,700	220
230																			19.5	182.8	7,600	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	76,400																90
95	61.5	298.9	59,300 *	66.2	304.0	71,000																95
100	59.6	296.1	55,000 *	64.3	301.7	66,200	67.0	303.9	62,500													100
105	57.6	293.0	51,200 *	62.4	299.1	61,600 *	65.2	301.6	58,400													105
110	55.6	289.6	47,700 *	60.5	296.4	57,000 *	63.3	299.2	54,800													110
115	53.5	286.0	44,700 *	58.5	293.4	53,000 *	61.4	296.5	51,500													115
120	51.3	282.1	41,900 *	56.5	290.1	49,300 *	59.5	293.6	48,500													120
130	46.9	273.3	37,000 *	52.4	282.9	43,200 *	55.4	287.1	43,200	60.3	292.1	38,600										130
140	42.0	262.9	33,000 *	47.9	274.4	38,100 *	51.2	279.6	38,800	56.3	285.8	34,500										140
150	36.6	250.5	29,500 *	43.2	264.4	33,900 *	46.7	270.7	34,900	52.1	278.5	31,000	57.0	283.1	27,200							150
160	30.5	235.2	26,500 *	38.0	252.6	30,300 *	41.9	260.3	31,600	47.7	269.9	28,000	52.9	276.0	24,400							160
170	22.8	214.8	23,900 *	32.0	238.0	27,200 *	36.5	247.9	28,700	42.9	259.9	25,300	48.5	267.7	22,000							170
180	10.9	180.9	19,800 *	24.8	219.2	24,500 *	30.3	232.4	26,100	37.6	247.9	23,000	43.8	257.9	19,800	49.1	264.1	16,800				180
190				14.6	190.6	22,100 *	22.6	211.9	23,800 *	31.6	233.2	20,900	38.6	246.4	17,900	44.5	254.6	15,000				190
200							10.3	177.0	21,400 *	24.4	214.0	18,900	32.8	232.2	16,200	39.4	243.3	13,500	45.0	249.7	10,900	200
210										13.8	184.4	17,200	25.8	214.1	14,600	33.7	229.6	12,100	39.9	238.6	9,600	210
220													16.2	187.5	13,100	26.9	212.2	10,800	34.3	225.2	8,400	220
230																17.9	187.4	9,500	27.6	208.2	7,300	230
240																			18.9	184.5	6,300	240





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	65,600																100
105	59.6	304.7	50,600 *	64.1	310.4	61,100 *	66.7	312.6	57,800													105
110	57.7	301.6	47,200 *	62.3	307.8	56,500 *	64.9	310.3	54,100													110
115	55.8	298.3	44,100 *	60.5	305.0	52,400 *	63.1	307.9	50,800													115
120	53.9	294.7	41,300 *	58.6	302.0	48,800 *	61.3	305.2	47,800													120
130	49.8	286.7	36,500 *	54.8	295.4	42,600 *	57.6	299.2	42,600	62.1	303.5	37,900										130
140	45.4	277.5	32,400 *	50.8	287.6	37,600 *	53.7	292.3	38,100	58.4	297.7	33,900										140
150	40.8	266.6	28,900 *	46.5	278.7	33,300 *	49.7	284.2	34,300	54.6	291.0	30,400										150
160	35.5	253.7	26,000 *	41.9	268.3	29,700 *	45.3	274.9	31,000	50.5	283.2	27,300	55.3	288.4	23,700							160
170	29.6	237.8	23,400 *	36.8	255.9	26,600 *	40.6	264.0	28,100	46.3	274.2	24,700	51.3	280.9	21,300							170
180	22.1	216.8	21,100 *	31.1	240.8	24,000 *	35.4	251.1	25,600	41.6	263.7	22,300	47.0	272.1	19,100	51.9	277.1	16,000				180
190	10.5	181.8	17,400 *	24.1	221.3	21,600 *	29.4	235.0	23,300 *	36.5	251.2	20,200	42.5	261.9	17,200	47.7	268.6	14,300				190
200				14.2	191.8	19,500 *	21.9	213.8	21,000 *	30.7	235.9	18,400	37.5	249.8	15,500	43.2	258.6	12,800				200
210							10.0	177.9	18,900 *	23.7	216.1	16,600	31.8	235.1	14,000	38.2	246.8	11,400	43.6	253.7	8,800	210
220										13.4	185.5	15,000	25.1	216.3	12,500	32.7	232.5	10,100	38.7	242.1	7,700	220
230													15.7	188.8	11,200	26.1	214.5	8,900	33.3	228.2	6,600	230
240																17.4	188.9	7,800	26.8	210.6	5,600	240
250																			18.4	186.1	4,700	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	57,200													105
110	59.6	313.4	46,700 *	63.9	319.0	56,000 *	66.3	321.3	53,500													110
115	57.8	310.3	43,600 *	62.2	316.5	51,900 *	64.7	319.0	50,200													115
120	56.0	307.0	40,800 *	60.4	313.7	48,300 *	63.0	316.5	47,200													120
130	52.3	299.7	36,000 *	56.9	307.5	42,100 *	59.5	311.0	42,000													130
140	48.4	291.3	31,900 *	53.2	300.4	37,100 *	55.9	304.5	37,600	60.3	309.4	33,200										140
150	44.2	281.6	28,400 *	49.3	292.3	32,800 *	52.2	297.2	33,800	56.7	303.2	29,800										150
160	39.6	270.3	25,500 *	45.2	282.9	29,200 *	48.2	288.7	30,500	53.0	296.0	26,700	57.3	300.5	23,100							160
170	34.6	256.8	22,900 *	40.7	272.0	26,100 *	44.0	279.0	27,600	49.1	287.8	24,100	53.7	293.5	20,700							170
180	28.7	240.4	20,600 *	35.8	259.1	23,500 *	39.5	267.7	25,100	44.9	278.4	21,800	49.8	285.5	18,500							180
190	21.5	218.7	18,500 *	30.2	243.5	21,100 *	34.4	254.2	22,800 *	40.5	267.4	19,700	45.7	276.3	16,600	50.4	281.9	13,700				190
200	10.2	182.6	15,200 *	23.4	223.4	19,000 *	28.6	237.6	20,500 *	35.5	254.4	17,800	41.3	265.6	14,900	46.3	272.9	12,100				200
210				13.8	193.0	17,100 *	21.3	215.7	18,500 *	29.9	238.6	16,100	36.5	253.1	13,400	41.9	262.4	10,700	46.7	267.9	8,200	210
220							9.7	178.7	16,600 *	23.0	218.1	14,600	31.0	237.9	12,000	37.2	250.1	9,500	42.4	257.6	7,000	220
230										13.0	186.7	13,100	24.4	218.5	10,700	31.8	235.4	8,300	37.7	245.6	6,000	230
240													15.3	190.2	9,500	25.4	216.7	7,200	32.3	231.1	5,000	240
250																16.9	190.3	6,200	26.1	212.9	4,100	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	52,900													110
115	59.6	322.0	43,100 *	63.7	327.7	50,400 *	66.0	330.1	49,600													115
120	58.0	319.0	40,300 *	62.1	325.1	47,700 *	64.4	327.7	46,600													120
130	54.5	312.2	35,400 *	58.8	319.4	41,600 *	61.2	322.5	41,400													130
140	50.9	304.5	31,400 *	55.3	312.8	36,500 *	57.9	316.5	36,900	61.9	320.9	32,500										140
150	47.1	295.6	27,900 *	51.7	305.3	32,300 *	54.4	309.7	33,200	58.6	315.0	29,100										150
160	43.0	285.5	24,900 *	48.0	296.7	28,700 *	50.8	302.0	29,900	55.1	308.4	26,100										160
170	38.6	273.8	22,300 *	44.0	287.0	25,600 *	46.9	293.1	27,000	51.5	300.9	23,400	55.8	305.8	19,900							170
180	33.7	259.9	20,000 *	39.6	275.6	22,900 *	42.9	283.0	24,500	47.8	292.3	21,100	52.2	298.5	17,800							180
190	28.0	242.9	18,000 *	34.9	262.3	20,500 *	38.4	271.1	22,200	43.7	282.4	19,000	48.5	290.1	15,900	52.7	294.7	12,900				190
200	21.0	220.5	16,200 *	29.4	246.2	18,500 *	33.5	257.2	20,000 *	39.4	271.0	17,200	44.5	280.4	14,300	49.0	286.5	11,400				200
210	10.0	183.5	13,100 *	22.8	225.4	16,600 *	27.8	240.1	18,000 *	34.6	257.5	15,500	40.2	269.3	12,700	45.1	277.0	10,000				210
220				13.4	194.2	14,900 *	20.7	217.5	16,100 *	29.1	241.2	14,000	35.5	256.3	11,300	40.8	266.2	8,800	45.5	272.2	6,300	220
230							9.5	179.5	14,500 *	22.4	220.1	12,600	30.1	240.5	10,100	36.2	253.4	7,600	41.2	261.4	5,300	230
240										12.7	187.8	11,200	23.7	220.6	8,900	31.0	238.1	6,600	36.7	248.9	4,300	240
250													14.9	191.4	7,800	24.7	218.9	5,600				250
260																16.5	191.8	4,700				260



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	129,300 b													65
70	36.8	201.0	89,600 *	52.5	213.7	119,900 *b	60.4	217.9	117,700 b													70
75	29.0	192.9	81,400 *	47.1	209.3	106,800 *	55.5	214.6	107,900 b													75
80	18.3	180.9	74,400 *	41.1	204.0	95,700 *	50.3	210.7	99,600													80
85				34.2	197.2	86,600 *	44.6	205.9	92,300	58.4	213.6	87,100 b										85
90				25.7	188.2	78,800 *	38.3	200.1	85,900	53.4	210.1	81,100 b										90
95				12.5	172.8	72,200 *	30.9	192.5	80,300	48.0	205.9	75,800										95
100							21.2	181.8	75,300	42.1	200.7	71,100	56.0	208.0	66,900 b							100
105										35.4	194.2	66,900	50.9	204.1	62,900							105
110										27.3	185.7	63,100	45.3	199.4	59,400							110
115										15.5	172.2	59,500	39.1	193.7	56,100							115
120													31.8	186.4	53,200	47.8	196.4	49,900				120
130																35.2	184.7	45,000				130
140																15.0	162.3	40,700	37.6	180.9	38,200	140
150																20.0	161.9	34,800	20.0	161.9	34,800	150



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	117,200 b													70
75	40.3	210.9	81,700 *	53.5	222.5	107,400 *	60.3	226.6	107,500 b													75
80	34.3	204.1	74,700 *	48.8	218.3	96,200 *	56.1	223.4	99,100													80
85	27.0	195.3	68,700 *	43.8	213.4	86,900 *	51.6	219.6	91,900	62.7	225.2	86,500 b										85
90	17.1	182.4	63,500 *	38.3	207.5	79,100 *	46.8	215.1	85,600	58.6	222.3	80,500 b										90
95				31.9	200.1	72,500 *	41.5	209.8	80,000	54.2	218.9	75,300										95
100				24.0	190.3	66,800 *	35.7	203.3	75,000	49.6	214.8	70,600										100
105				11.6	173.8	61,800 *	28.8	195.1	70,000 *	44.7	210.0	66,400	56.5	216.7	62,300							105
110							19.7	183.5	64,600 *	39.2	204.3	62,700	52.1	212.9	58,800							110
115										33.0	197.2	59,200	47.3	208.6	55,600							115
120										25.4	187.9	56,100	42.2	203.3	52,700							120
130													29.6	189.1	47,500	44.5	200.6	44,400				130
140																32.8	187.7	40,300	46.3	196.1	37,600	140
150																14.0	163.5	36,700	35.1	184.1	34,300	150
160																			18.6	163.5	31,300	160



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	116,800 b													70
75	47.4	225.5	81,900 *	58.1	234.7	107,800 *	63.9	238.0	107,000 b													75
80	42.9	220.4	74,900 *	54.3	231.3	96,500 *	60.3	235.2	98,700													80
85	37.9	214.3	68,800 *	50.2	227.3	87,100 *	56.5	232.0	91,500													85
90	32.2	207.0	63,600 *	45.8	222.6	79,300 *	52.6	228.4	85,200	62.4	233.9	80,100										90
95	25.4	197.6	59,000 *	41.1	217.2	72,700 *	48.4	224.1	79,600	58.7	231.0	74,800										95
100	16.0	183.7	54,900 *	35.9	210.7	66,900 *	43.9	219.2	74,700	54.9	227.6	70,200										100
105				30.0	202.8	61,900 *	39.0	213.4	70,200 *	50.9	223.7	66,000										105
110				22.5	192.3	57,500 *	33.5	206.3	64,700 *	46.6	219.2	62,300	56.9	225.3	58,300							110
115				10.9	174.7	53,600 *	27.0	197.5	60,000 *	41.9	213.9	58,900	53.0	221.7	55,100							115
120							18.5	185.1	55,800 *	36.8	207.6	55,800	48.9	217.6	52,200							120
130										23.9	190.0	50,300	39.6	207.0	47,100	50.7	214.3	44,000				130
140													27.9	191.5	42,800	41.8	204.5	39,900				140
150																30.8	190.4	36,400	43.5	200.2	33,800	150
160																13.1	164.6	33,300	33.0	187.1	31,000	160
170																			17.5	165.0	28,400	170



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	106,500													75
80	48.8	234.5	74,700 *	58.3	243.4	96,400 *	63.5	246.6	98,200													80
85	44.8	229.7	68,700 *	54.9	240.0	87,100 *	60.2	243.9	91,000													85
90	40.5	224.1	63,400 *	51.2	236.1	79,200 *	56.9	240.7	84,700													90
95	35.8	217.6	58,800 *	47.4	231.7	72,500 *	53.3	237.2	79,200	62.2	242.6	74,300										95
100	30.5	209.7	54,700 *	43.3	226.6	66,800 *	49.6	233.1	74,200	58.9	239.7	69,600										100
105	24.0	199.7	51,100 *	38.9	220.8	61,800 *	45.7	228.4	69,800	55.4	236.3	65,500										105
110	15.2	185.0	47,800 *	34.0	213.8	57,400 *	41.5	223.0	64,600 *	51.8	232.5	61,800										110
115				28.3	205.3	53,400 *	36.9	216.7	59,800 *	48.1	228.2	58,400	57.3	234.0	54,500							115
120				21.3	194.1	49,900 *	31.7	209.2	55,700 *	44.0	223.3	55,300	53.7	230.5	51,600							120
130							17.5	186.6	48,600 *	34.8	210.8	49,900	46.2	221.9	46,600							130
140										22.6	192.0	45,300	37.4	210.4	42,300	47.9	218.8	39,300				140
150													26.4	193.9	38,600	39.5	208.1	35,900				150
160																29.2	193.0	32,800	41.1	203.9	30,400	160
170																12.4	165.6	30,100	31.2	189.9	27,900	170
180																			16.6	166.5	25,600	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	100,000																75
80	53.2	247.5	76,900 *	61.5	255.0	92,000	66.1	257.8	87,100													80
85	49.9	243.4	70,600 *	58.5	252.0	85,000	63.2	255.3	80,500													85
90	46.4	238.8	65,200 *	55.3	248.7	78,800	60.2	252.5	74,600													90
95	42.6	233.6	60,400 *	52.1	244.9	73,500	57.2	249.4	69,500													95
100	38.5	227.6	56,200 *	48.7	240.7	68,600 *	54.0	245.9	65,000	62.0	251.2	58,800										100
105	34.1	220.7	52,500 *	45.1	235.9	63,400 *	50.6	241.9	60,900	59.0	248.3	55,000										105
110	29.0	212.3	49,100 *	41.2	230.4	58,900 *	47.2	237.5	57,200	55.9	245.0	51,700										110
115	22.9	201.7	46,100 *	37.0	224.1	54,900 *	43.4	232.4	53,900	52.6	241.3	48,600										115
120	14.4	186.3	41,900 *	32.3	216.7	51,300 *	39.5	226.6	50,900	49.2	237.2	45,900	57.5	242.7	40,900							120
130				20.3	195.9	45,100 *	30.2	211.9	45,500	41.8	227.1	41,000	51.0	235.3	36,500							130
140							16.7	188.0	40,900	33.1	213.8	36,900	43.9	225.9	32,800	52.5	231.9	28,700				140
150										21.5	193.9	33,300	35.6	213.6	29,500	45.6	223.1	25,800				150
160													25.1	196.1	26,700	37.6	211.5	23,300	46.8	218.5	19,900	160
170																27.8	195.5	21,000	39.1	207.5	17,900	170
180																11.8	166.6	18,900	29.7	192.5	16,100	180
190																			15.8	167.8	14,400	190





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	99,400																75
80	56.8	259.8	76,500 *	64.1	266.3	91,300																80
85	53.8	256.2	70,200 *	61.4	263.7	84,300	65.6	266.5	79,800													85
90	50.8	252.3	64,800 *	58.6	260.7	78,200	62.9	264.0	74,000													90
95	47.6	247.9	60,000 *	55.7	257.4	72,900	60.2	261.2	68,800													95
100	44.3	242.9	55,800 *	52.8	253.7	68,100	57.4	258.1	64,300													100
105	40.7	237.3	52,000 *	49.7	249.6	63,000 *	54.5	254.6	60,200	61.8	259.9	54,300										105
110	36.8	231.0	48,700 *	46.4	245.0	58,500 *	51.5	250.8	56,600	59.1	257.0	50,900										110
115	32.5	223.6	45,700 *	43.0	239.9	54,400 *	48.3	246.5	53,300	56.2	253.7	47,900										115
120	27.7	214.7	42,900 *	39.3	234.0	50,800 *	45.0	241.7	50,300	53.3	250.1	45,100										120
130	13.8	187.4	36,800 *	30.9	219.5	44,700 *	37.7	230.1	45,000	47.0	241.6	40,300	54.8	248.0	35,700							130
140				19.4	197.6	39,600 *	28.8	214.4	40,500	40.0	230.8	36,200	48.7	239.9	32,000							140
150							15.9	189.4	36,500	31.7	216.6	32,700	41.9	229.8	28,800	50.1	236.7	25,000				150
160										20.6	195.7	29,600	34.0	216.7	26,000	43.5	227.1	22,500				160
170													24.0	198.2	23,500	35.9	214.8	20,300	44.7	222.7	17,100	170
180																26.5	197.9	18,300	37.3	210.9	15,300	180
190																11.2	167.6	16,400	28.4	195.0	13,700	190
200																			15.0	169.1	12,200	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	91,000																80
85	57.0	268.5	70,100 *	63.8	275.0	84,000	67.6	277.4	79,400													85
90	54.3	265.0	64,600 *	61.3	272.3	77,900	65.2	275.2	73,600													90
95	51.5	261.1	59,900 *	58.7	269.4	72,500	62.7	272.6	68,500													95
100	48.7	256.9	55,600 *	56.1	266.1	67,800	60.2	269.9	63,900													100
105	45.6	252.1	51,900 *	53.4	262.5	62,900 *	57.6	266.8	59,900													105
110	42.4	246.8	48,500 *	50.5	258.5	58,300 *	54.9	263.4	56,200	61.7	268.5	50,600										110
115	39.0	240.9	45,500 *	47.6	254.1	54,300 *	52.2	259.6	52,900	59.1	265.6	47,500										115
120	35.3	234.2	42,800 *	44.5	249.2	50,700 *	49.3	255.4	50,000	56.5	262.4	44,800										120
130	26.6	217.1	38,000 *	37.7	237.5	44,600 *	43.1	245.7	44,700	51.0	254.9	40,000	57.9	260.1	35,400							130
140	13.2	188.6	32,700 *	29.6	222.1	39,500 *	36.1	233.3	40,200	45.0	245.8	35,900	52.5	253.0	31,700							140
150				18.6	199.2	35,300 *	27.7	216.9	36,400	38.3	234.3	32,400	46.7	244.3	28,500							150
160							15.3	190.7	33,000	30.4	219.3	29,400	40.2	233.5	25,700	48.0	241.2	22,200				160
170										19.7	197.4	26,600	32.6	219.6	23,300	41.7	230.9	20,000				170
180													23.0	200.2	21,100	34.4	217.9	18,000	42.8	226.6	15,000	180
190																25.4	200.1	16,200	35.8	214.1	13,400	190
200																10.8	168.5	14,600	27.2	197.5	12,000	200
210																			14.4	170.3	10,600	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	90,300																80
85	59.6	280.3	69,700 *	65.8	286.1	83,400																85
90	57.2	277.1	64,200 *	63.5	283.7	77,300	67.1	286.1	72,900													90
95	54.8	273.7	59,400 *	61.2	281.0	71,900	64.8	283.8	67,800													95
100	52.2	269.9	55,200 *	58.8	278.0	67,200	62.5	281.3	63,300													100
105	49.5	265.8	51,400 *	56.4	274.8	62,500 *	60.2	278.5	59,200													105
110	46.8	261.2	48,100 *	53.9	271.2	57,900 *	57.8	275.5	55,600													110
115	43.9	256.2	45,000 *	51.3	267.3	53,800 *	55.3	272.1	52,300	61.6	277.2	46,800										115
120	40.8	250.6	42,300 *	48.6	263.1	50,200 *	52.8	268.4	49,300	59.2	274.3	44,100										120
130	34.0	237.2	37,600 *	42.8	253.1	44,100 *	47.4	259.9	44,100	54.3	267.6	39,300										130
140	25.6	219.4	33,500 *	36.3	240.8	39,000 *	41.5	249.5	39,700	49.0	259.5	35,200	55.6	265.4	30,900							140
150	12.7	189.7	29,000 *	28.5	224.7	34,800 *	34.8	236.5	35,800	43.3	249.8	31,800	50.4	257.7	27,700							150
160				17.9	200.8	31,200 *	26.6	219.3	32,500	36.8	237.6	28,700	44.8	248.4	25,000	51.6	254.4	21,400				160
170							14.7	192.0	29,500	29.2	222.0	26,100	38.6	237.0	22,600	46.1	245.5	19,200				170
180										19.0	199.0	23,700	31.4	222.4	20,400	40.1	234.6	17,300	47.1	240.9	14,200	180
190													22.1	202.2	18,500	33.1	220.9	15,500	41.2	230.4	12,600	190
200																24.5	202.3	14,000	34.4	217.3	11,300	200
210																10.4	169.3	12,500	26.2	199.8	10,000	210
220																			13.9	171.5	8,700	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	82,700																85
90	59.7	288.9	64,800 *	65.4	294.8	76,700																90
95	57.4	285.8	59,900 *	63.3	292.3	71,300	66.6	294.9	67,100													95
100	55.1	282.4	55,600 *	61.1	289.7	66,600	64.5	292.5	62,600													100
105	52.7	278.7	51,800 *	58.9	286.7	62,300	62.4	290.0	58,600													105
110	50.3	274.7	48,400 *	56.6	283.5	58,400 *	60.2	287.2	55,000													110
115	47.7	270.2	45,400 *	54.3	280.0	54,300 *	57.9	284.1	51,700													115
120	45.1	265.4	42,600 *	51.9	276.2	50,600 *	55.6	280.8	48,700	61.5	285.9	43,400										120
130	39.3	254.2	37,800 *	46.8	267.4	44,400 *	50.8	273.2	43,500	57.0	279.8	38,600										130
140	32.8	240.2	33,700 *	41.3	256.9	39,300 *	45.7	264.1	39,100	52.3	272.6	34,600										140
150	24.7	221.5	30,300 *	35.0	243.9	35,000 *	40.0	253.1	35,300	47.2	264.0	31,100	53.5	270.5	27,100							150
160	12.3	190.7	24,900 *	27.5	227.1	31,400 *	33.5	239.5	32,000	41.7	253.6	28,100	48.6	262.3	24,300							160
170				17.3	202.3	28,200 *	25.7	221.5	29,100	35.5	240.9	25,500	43.2	252.4	22,000	49.7	259.0	18,500				170
180							14.2	193.2	26,400	28.2	224.5	23,100	37.3	240.4	19,800	44.5	249.6	16,600				180
190										18.3	200.6	21,000	30.3	225.2	17,900	38.7	238.1	14,900	45.4	245.1	11,900	190
200													21.4	204.0	16,200	32.0	223.7	13,400	39.7	234.0	10,600	200
210																23.6	204.3	11,900	33.2	220.2	9,300	210
220																10.0	170.2	10,600	25.2	202.0	8,200	220
230																			13.4	172.7	7,100	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 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	82,100																85
90	61.8	300.5	64,900 *	67.0	305.8	76,000																90
95	59.7	297.6	59,900 *	65.1	303.5	70,700																95
100	57.6	294.5	55,600 *	63.1	301.0	66,000	66.2	303.6	61,900													100
105	55.4	291.1	51,700 *	61.0	298.3	61,700	64.2	301.2	57,900													105
110	53.2	287.5	48,300 *	59.0	295.4	57,900	62.2	298.6	54,300													110
115	50.9	283.5	45,200 *	56.8	292.2	54,200 *	60.2	295.8	51,000													115
120	48.6	279.2	42,400 *	54.7	288.7	50,500 *	58.1	292.8	48,000													120
130	43.5	269.4	37,500 *	50.1	280.9	44,200 *	53.7	285.9	42,800	59.3	291.6	37,900										130
140	38.0	257.6	33,400 *	45.2	271.6	39,000 *	49.1	277.8	38,400	55.0	285.1	33,900										140
150	31.7	243.0	29,900 *	39.9	260.5	34,700 *	44.1	268.2	34,700	50.5	277.3	30,400	56.2	282.8	26,300							150
160	23.9	223.6	26,900 *	33.8	247.0	31,000 *	38.7	256.6	31,400	45.6	268.2	27,500	51.7	275.4	23,600							160
170	11.9	191.7	22,000 *	26.6	229.5	27,800 *	32.4	242.4	28,500	40.3	257.3	24,800	46.9	266.6	21,200	52.7	271.9	17,700				170
180				16.7	203.7	25,100 *	24.8	223.7	25,900	34.4	244.0	22,500	41.8	256.3	19,100	48.0	263.5	15,800				180
190							13.7	194.4	23,600	27.3	226.9	20,400	36.0	243.7	17,300	43.0	253.5	14,100				190
200										17.7	202.2	18,500	29.3	227.8	15,600	37.4	241.5	12,600	43.9	249.2	9,800	200
210													20.7	205.8	14,000	30.9	226.5	11,300	38.4	237.5	8,600	210
220																22.8	206.4	10,000	32.1	223.1	7,500	220
230																9.7	171.0	8,700	24.4	204.2	6,400	230
240																			12.9	173.8	5,400	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	75,600																90
95	61.7	309.1	59,600 *	66.6	314.5	70,300																95
100	59.7	306.3	55,300 *	64.8	312.2	65,500	67.7	314.5	61,500													100
105	57.7	303.2	51,400 *	62.9	309.7	61,300	65.8	312.3	57,500													105
110	55.7	299.8	48,000 *	61.0	307.0	57,500	64.0	309.9	53,900													110
115	53.6	296.2	44,900 *	59.0	304.0	53,900 *	62.1	307.3	50,600													115
120	51.5	292.3	42,000 *	57.0	300.9	50,200 *	60.1	304.5	47,600													120
130	47.0	283.6	37,200 *	52.9	293.7	43,900 *	56.2	298.2	42,500	61.3	303.2	37,500										130
140	42.2	273.3	33,100 *	48.5	285.4	38,700 *	52.0	290.8	38,100	57.3	297.2	33,500										140
150	36.8	261.0	29,600 *	43.8	275.7	34,300 *	47.5	282.2	34,300	53.2	290.1	30,100										150
160	30.7	245.8	26,600 *	38.6	264.1	30,700 *	42.7	272.1	31,000	48.9	281.9	27,100	54.3	288.0	23,200							160
170	23.1	225.7	24,000 *	32.8	249.9	27,500 *	37.4	260.1	28,200	44.2	272.3	24,500	50.0	280.1	20,800							170
180	11.5	192.7	19,500 *	25.8	231.8	24,800 *	31.4	245.2	25,600	39.1	260.9	22,200	45.5	270.9	18,800	51.0	276.8	15,400				180
190				16.2	205.1	22,400 *	24.1	225.9	23,300	33.3	247.0	20,100	40.5	260.0	16,900	46.5	267.9	13,800				190
200							13.3	195.5	21,200	26.4	229.2	18,200	34.9	246.8	15,200	41.6	257.4	12,300	47.3	263.3	9,400	200
210										17.2	203.7	16,500	28.4	230.3	13,700	36.2	244.8	10,900	42.5	253.1	8,200	210
220													20.0	207.6	12,300	29.9	229.2	9,700	37.2	240.9	7,100	220
230																22.1	208.3	8,500	31.1	225.9	6,100	230
240																9.4	171.8	7,400	23.7	206.2	5,100	240
250																			12.5	174.9	4,200	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	64,900																100
105	59.7	314.9	50,900 *	64.5	320.9	60,700	67.3	323.2	56,800													105
110	57.9	311.8	47,400 *	62.7	318.4	56,900	65.5	321.0	53,200													110
115	56.0	308.5	44,300 *	60.9	315.6	53,400 *	63.8	318.6	50,000													115
120	54.0	305.0	41,500 *	59.1	312.7	49,600 *	62.0	316.0	47,000													120
130	49.9	297.0	36,600 *	55.3	306.1	43,300 *	58.3	310.1	41,800	63.0	314.5	36,800										130
140	45.6	287.8	32,500 *	51.3	298.6	38,100 *	54.4	303.4	37,400	59.4	309.0	32,800										140
150	40.9	277.0	29,100 *	47.0	289.8	33,800 *	50.4	295.6	33,700	55.6	302.5	29,400										150
160	35.7	264.2	26,000 *	42.5	279.6	30,100 *	46.1	286.5	30,400	51.6	295.0	26,400	56.6	300.2	22,400							160
170	29.8	248.4	23,400 *	37.5	267.5	27,000 *	41.5	275.9	27,600	47.4	286.3	23,800	52.7	293.0	20,100							170
180	22.4	227.7	21,100 *	31.8	252.8	24,300 *	36.3	263.3	25,100	42.9	276.2	21,500	48.5	284.6	18,000							180
190	11.1	193.6	17,100 *	25.0	234.0	21,900 *	30.5	248.0	22,800	37.9	264.3	19,500	44.1	274.9	16,200	49.5	281.4	13,000				190
200				15.7	206.5	19,700 *	23.4	227.9	20,800	32.3	249.9	17,600	39.3	263.5	14,500	45.1	272.0	11,500				200
210							12.9	196.6	18,900	25.7	231.5	16,000	33.9	249.9	13,000	40.4	261.1	10,200	45.9	267.5	7,400	210
220										16.7	205.1	14,400	27.6	232.7	11,700	35.1	248.0	9,000	41.2	256.9	6,300	220
230													19.4	209.3	10,400	29.1	231.8	7,800	36.1	244.2	5,400	230
240																21.5	210.2	6,800	30.2	228.6	4,400	240
250																9.1	172.6	5,800				250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	60,100																105
110	59.7	323.6	46,900 *	64.3	329.6	56,300	66.9	332.0	52,600													110
115	58.0	320.5	43,800 *	62.6	327.0	52,900 *	65.2	329.7	49,400													115
120	56.2	317.2	41,000 *	60.9	324.3	49,100 *	63.6	327.3	46,400													120
130	52.4	309.9	36,100 *	57.3	318.2	42,800 *	60.1	321.8	41,200													130
140	48.5	301.6	32,000 *	53.7	311.2	37,600 *	56.6	315.6	36,900	61.2	320.5	32,100										140
150	44.3	291.9	28,600 *	49.8	303.2	33,300 *	52.9	308.4	33,100	57.6	314.5	28,700										150
160	39.8	280.7	25,500 *	45.7	294.0	29,600 *	49.0	300.1	29,900	54.0	307.6	25,800										160
170	34.7	267.3	22,900 *	41.3	283.4	26,500 *	44.8	290.7	27,000	50.1	299.7	23,200	54.9	305.4	19,500							170
180	29.0	251.0	20,600 *	36.4	270.8	23,800 *	40.3	279.6	24,500	46.0	290.6	20,900	51.2	297.8	17,400							180
190	21.8	229.6	18,600 *	30.9	255.5	21,400 *	35.3	266.5	22,300	41.7	280.1	18,900	47.1	289.0	15,600	52.0	294.4	12,400				190
200	10.8	194.6	14,900 *	24.4	236.1	19,200 *	29.7	250.6	20,300	36.9	267.6	17,100	42.8	278.9	13,900	48.1	285.9	10,900				200
210				15.3	207.8	17,300 *	22.7	229.9	18,400	31.4	252.7	15,400	38.2	267.0	12,500	43.8	276.1	9,600				210
220							12.5	197.7	16,700	25.0	233.7	13,900	32.9	252.8	11,100	39.3	264.6	8,400	44.6	271.7	5,700	220
230										16.2	206.5	12,500	26.8	235.1	9,900	34.2	251.0	7,300	40.1	260.5	4,700	230
240													18.9	210.9	8,700	28.3	234.3	6,200				240
250																20.9	212.0	5,300				250
260																8.8	173.3	4,300				260





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	48,700										115
120	58.1	329.2	41,000 *	62.5	335.7	48,200 *	65.0	338.4	45,700										120
130	54.6	322.4	36,000 *	59.2	330.0	42,900 *	61.8	333.3	40,600										130
140	51.0	314.7	31,800 *	55.8	323.6	37,600 *	58.5	327.5	36,200	62.7	331.9	31,400							140
150	47.2	306.0	28,300 *	52.2	316.2	33,100 *	55.0	320.8	32,500	59.4	326.3	28,000							150
160	43.1	295.9	25,200 *	48.4	307.8	29,400 *	51.4	313.2	29,300	56.0	319.9	25,100							160
170	38.7	284.2	22,600 *	44.5	298.1	26,200 *	47.6	304.6	26,400	52.5	312.6	22,500	56.9	317.5	18,700				170
180	33.8	270.4	20,300 *	40.2	287.0	23,400 *	43.6	294.7	23,900	48.8	304.3	20,300	53.4	310.5	16,700				180
190	28.2	253.5	18,200 *	35.5	274.0	21,000 *	39.2	283.2	21,700	44.8	294.7	18,300	49.8	302.5	14,900				190
200	21.3	231.4	16,300 *	30.1	258.2	18,800 *	34.4	269.6	19,700	40.6	283.8	16,400	45.9	293.3	13,200	50.6	299.1	10,100	200
210	10.6	195.5	12,900 *	23.7	238.2	16,900 *	28.9	253.2	17,900	35.9	270.9	14,800	41.7	282.7	11,800	46.8	290.2	8,800	210
220				14.9	209.1	15,200 *	22.1	231.9	16,200	30.6	255.4	13,300	37.2	270.4	10,400	42.7	280.0	7,600	220
230							12.2	198.7	14,600	24.3	235.9	11,900	32.1	255.7	9,200	38.2	268.1	6,500	230
240										15.8	207.9	10,600	26.1	237.4	8,100	33.3	254.0	5,500	240
250													18.4	212.5	7,000	27.5	236.7	4,600	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	128,200 b													65
70	37.2	211.4	90,200 *	53.8	224.6	121,000 b	62.0	228.8	116,700 b													70
75	29.6	203.6	81,900 *	48.4	220.4	109,900 *	57.2	225.7	107,000 b													75
80	19.3	192.0	74,900 *	42.6	215.3	98,200 *	52.1	222.0	98,700 b													80
85				36.0	209.0	88,600 *	46.6	217.6	91,500	60.9	224.9	85,800 b										85
90				28.0	200.6	80,600 *	40.6	212.1	85,200	56.0	221.7	79,900 b										90
95				16.7	187.8	73,800 *	33.6	205.2	79,600	50.8	217.8	74,700										95
100							24.9	195.9	74,700	45.2	213.2	70,100										100
105							10.7	179.3	70,100	39.0	207.4	65,900	54.4	216.2	61,500 b							105
110										31.7	200.1	62,200	49.2	212.1	58,100							110
115										22.4	189.8	58,700	43.4	207.2	54,900							115
120													36.9	201.0	52,000	52.4	209.2	48,400				120
130													18.6	181.1	46,800	40.9	199.4	43,600				130
140																25.5	183.5	39,600	44.0	195.6	36,700	140
150																30.1	181.8	33,400	30.1	181.8	33,400	150



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	116,200 b													70
75	40.7	221.3	82,200 *	54.6	233.3	110,500 *	61.7	237.4	106,500 b													75
80	34.7	214.6	75,200 *	50.0	229.3	98,700 *	57.6	234.4	98,200													80
85	27.6	206.0	69,100 *	45.1	224.6	89,000 *	53.1	230.8	91,100													85
90	17.9	193.5	63,800 *	39.7	219.0	80,900 *	48.5	226.6	84,800	60.7	233.5	79,300 b										90
95				33.5	212.0	74,100 *	43.4	221.6	79,300	56.5	230.4	74,100										95
100				26.1	202.9	68,100 *	37.8	215.6	74,300	52.0	226.7	69,500										100
105				15.6	189.1	63,000 *	31.3	208.0	69,900	47.3	222.3	65,400										105
110							23.3	198.0	65,900	42.1	217.1	61,700	55.2	224.9	57,500							110
115							10.0	180.2	61,400 *	36.3	210.7	58,300	50.6	221.0	54,300							115
120										29.6	202.7	55,300	45.7	216.4	51,500							120
130													34.4	204.1	46,400	48.7	213.8	43,000				130
140													17.3	182.6	42,100	38.1	202.9	39,100				140
150																23.8	185.6	35,600	41.0	199.4	32,900	150
160																			28.0	184.3	30,100	160



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	106,100 b													75
80	43.2	230.8	75,300 *	55.2	242.1	99,000 *	61.5	246.1	97,800													80
85	38.2	224.8	69,200 *	51.2	238.2	89,300 *	57.8	243.1	90,700													85
90	32.6	217.5	63,900 *	46.9	233.7	81,100 *	53.9	239.6	84,400													90
95	25.9	208.3	59,300 *	42.3	228.5	74,200 *	49.9	235.5	78,900	60.7	242.2	73,700										95
100	16.9	195.0	55,200 *	37.3	222.4	68,300 *	45.5	230.8	74,000	56.9	239.1	69,100										100
105				31.5	214.8	63,100 *	40.8	225.3	69,600	53.0	235.5	65,000										105
110				24.5	205.1	58,600 *	35.5	218.8	65,700	48.8	231.3	61,300										110
115				14.6	190.4	54,500 *	29.4	210.7	61,600 *	44.4	226.4	58,000	55.7	233.7	53,800							115
120							21.9	199.9	57,200 *	39.5	220.7	54,900	51.7	229.9	51,000							120
130										27.8	205.2	49,500	43.0	220.4	46,000							130
140													32.3	207.0	41,800	45.8	218.1	38,600				140
150													16.3	184.0	38,100	35.8	206.1	35,200	48.0	213.8	32,400	150
160																22.4	187.5	32,200	38.5	202.9	29,600	160
170																			26.4	186.6	27,200	170



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	109,200																70
75	52.8	249.0	82,300 *	62.4	256.9	99,800	67.8	259.6	94,200 b													75
80	49.1	244.8	75,200 *	59.1	254.1	91,800	64.6	257.4	86,600													80
85	45.1	240.0	69,100 *	55.7	250.8	84,800	61.4	254.7	80,000													85
90	40.8	234.5	63,800 *	52.1	247.0	78,800	58.1	251.7	74,200													90
95	36.2	228.1	59,100 *	48.4	242.8	73,400	54.6	248.3	69,100													95
100	30.9	220.3	55,000 *	44.4	237.9	68,100 *	50.9	244.4	64,600	60.6	250.9	58,000										100
105	24.5	210.5	51,300 *	40.0	232.2	62,900 *	47.1	239.9	60,600	57.2	247.8	54,300										105
110	16.0	196.3	48,000 *	35.3	225.6	58,400 *	43.0	234.8	56,900	53.7	244.2	51,000										110
115				29.8	217.5	54,400 *	38.5	228.9	53,600	50.0	240.2	48,000										115
120				23.2	207.1	50,800 *	33.6	221.8	50,600	46.1	235.6	45,300	56.2	242.4	40,000							120
130							20.7	201.7	45,300	37.4	224.1	40,500	48.9	234.5	35,700							130
140										26.3	207.5	36,400	40.6	224.1	32,000	51.2	231.6	27,700				140
150													30.6	209.8	28,800	43.3	222.1	24,900				150
160													15.4	185.3	26,000	33.9	209.2	22,400	45.3	218.1	18,800	160
170																21.2	189.4	20,100	36.4	206.2	16,900	170
180																			24.9	188.8	15,100	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	108,600																70
75	56.7	261.3	84,800 *	65.1	268.2	99,200																75
80	53.5	257.7	77,300 *	62.2	265.6	91,200	67.1	268.4	85,900													80
85	50.1	253.7	71,000 *	59.2	262.7	84,200	64.2	266.0	79,300													85
90	46.6	249.2	65,500 *	56.1	259.5	78,200	61.3	263.4	73,600													90
95	42.9	244.0	60,700 *	52.9	255.8	72,800	58.2	260.4	68,500													95
100	38.8	238.1	56,500 *	49.5	251.7	68,100	55.1	257.0	64,000													100
105	34.4	231.2	52,700 *	46.0	247.1	63,800	51.8	253.2	60,000	60.5	259.5	53,600										105
110	29.4	222.9	49,300 *	42.2	241.8	59,900 *	48.4	248.9	56,300	57.5	256.4	50,300										110
115	23.3	212.5	46,300 *	38.1	235.7	55,800 *	44.8	244.1	53,100	54.3	253.0	47,300										115
120	15.2	197.6	42,500 *	33.5	228.6	52,100 *	40.9	238.6	50,100	51.0	249.1	44,600										120
130				22.1	209.1	45,800 *	32.0	224.7	44,800	43.9	239.7	39,900	53.3	247.5	35,000							130
140							19.7	203.4	40,300	35.6	227.3	35,800	46.4	238.8	31,300							140
150										25.0	209.7	32,300	38.6	227.7	28,200	48.6	236.1	24,100				150
160													29.1	212.4	25,500	41.1	225.8	21,700				160
170													14.6	186.6	23,000	32.2	212.1	19,600	43.1	222.0	16,200	170
180																20.1	191.1	17,600	34.7	209.3	14,500	180
190																			23.7	190.9	12,900	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	98,500																75
80	57.0	270.0	77,000 *	64.7	276.8	90,500																80
85	54.0	266.5	70,600 *	62.0	274.3	83,600	66.5	277.1	78,600													85
90	51.0	262.6	65,100 *	59.3	271.4	77,500	63.9	274.7	72,900													90
95	47.8	258.2	60,300 *	56.4	268.2	72,200	61.2	272.1	67,800													95
100	44.5	253.3	56,100 *	53.5	264.6	67,500	58.4	269.1	63,300													100
105	40.9	247.8	52,300 *	50.5	260.6	63,200	55.5	265.7	59,300													105
110	37.1	241.4	48,900 *	47.3	256.1	59,400	52.5	262.0	55,700	60.5	268.2	49,500										110
115	32.9	234.1	45,900 *	43.9	251.1	55,400 *	49.4	257.9	52,400	57.7	265.1	46,600										115
120	28.1	225.4	43,100 *	40.3	245.5	51,700 *	46.2	253.3	49,500	54.8	261.7	43,900										120
130	14.5	198.9	37,400 *	32.0	231.5	45,400 *	39.0	242.1	44,300	48.7	253.6	39,200	56.8	259.7	34,200							130
140				21.1	210.9	40,200 *	30.5	227.4	39,800	41.9	243.5	35,200	50.9	252.3	30,600							140
150							18.8	205.0	35,900	34.0	230.4	31,700	44.3	242.9	27,500	52.7	249.2	23,300				150
160										23.9	211.9	28,700	36.9	231.0	24,800	46.4	240.5	20,900				160
170													27.8	214.8	22,400	39.3	229.4	18,800	48.0	236.2	15,300	170
180													14.0	187.8	20,200	30.8	214.9	16,900	41.1	225.8	13,700	180
190																19.2	192.8	15,200	33.1	212.3	12,200	190
200																			22.7	192.9	10,800	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	90,100																80
85	57.2	278.7	70,500 *	64.4	285.5	83,200																85
90	54.5	275.2	65,000 *	61.9	282.9	77,200	66.0	285.8	72,500													90
95	51.7	271.4	60,200 *	59.3	280.1	71,900	63.6	283.4	67,400													95
100	48.9	267.2	55,900 *	56.7	276.9	67,100	61.1	280.7	63,000													100
105	45.8	262.5	52,100 *	54.0	273.3	62,900	58.5	277.7	59,000													105
110	42.6	257.2	48,800 *	51.2	269.4	59,100	55.9	274.4	55,400	63.0	279.6	49,200										110
115	39.2	251.3	45,700 *	48.3	265.1	55,200 *	53.1	270.8	52,100	60.5	276.8	46,200										115
120	35.6	244.7	43,000 *	45.3	260.3	51,500 *	50.3	266.8	49,200	57.9	273.8	43,500										120
130	26.9	227.8	38,200 *	38.6	249.0	45,200 *	44.3	257.4	44,000	52.5	266.7	38,800										130
140	13.9	200.1	33,200 *	30.7	234.2	40,100 *	37.4	245.6	39,600	46.6	258.0	34,900	54.4	264.9	30,200							140
150				20.3	212.7	35,700 *	29.3	230.0	35,800	40.1	247.2	31,400	48.7	256.8	27,100							150
160							18.0	206.6	32,400	32.6	233.3	28,500	42.5	246.8	24,500	50.5	253.9	20,600				160
170										22.9	213.9	25,800	35.4	234.2	22,100	44.4	244.6	18,500				170
180													26.7	217.2	20,000	37.6	232.9	16,600	46.0	240.5	13,300	180
190													13.4	188.9	18,000	29.6	217.5	14,900	39.4	229.4	11,800	190
200																18.5	194.4	13,400	31.8	215.2	10,500	200
210																			21.8	194.8	9,300	210





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	89,500																80
85	59.8	290.5	70,100 *	66.3	296.6	82,600																85
90	57.4	287.4	64,500 *	64.1	294.2	76,600	67.8	296.7	71,800													90
95	54.9	283.9	59,700 *	61.7	291.6	71,300	65.6	294.5	66,700													95
100	52.4	280.2	55,500 *	59.4	288.7	66,500	63.3	292.1	62,300													100
105	49.7	276.1	51,700 *	57.0	285.5	62,300	61.0	289.4	58,300													105
110	47.0	271.5	48,300 *	54.5	282.1	58,500	58.6	286.4	54,700													110
115	44.1	266.5	45,300 *	51.9	278.3	54,800 *	56.2	283.1	51,500	62.8	288.3	45,400										115
120	41.0	261.0	42,500 *	49.2	274.1	51,100 *	53.7	279.6	48,500	60.4	285.5	42,800										120
130	34.2	247.8	37,700 *	43.5	264.4	44,800 *	48.3	271.3	43,300	55.6	279.1	38,100										130
140	25.9	230.1	33,700 *	37.1	252.4	39,600 *	42.5	261.3	39,000	50.4	271.4	34,200	57.3	277.1	29,400							140
150	13.4	201.2	29,400 *	29.6	236.8	35,300 *	36.0	248.8	35,200	44.8	262.1	30,800	52.2	269.9	26,400							150
160				19.5	214.4	31,600 *	28.2	232.5	31,900	38.6	250.7	27,800	46.8	261.2	23,700							160
170							17.4	208.1	29,000	31.4	236.1	25,200	40.8	250.6	21,400	48.5	258.5	17,700				170
180										22.1	215.8	22,900	34.0	237.3	19,300	42.7	248.5	15,900				180
190													25.7	219.5	17,500	36.2	236.2	14,200	44.2	244.6	11,000	190
200													12.9	190.0	15,700	28.4	220.0	12,700	37.9	232.9	9,700	200
210																17.8	196.0	11,300	30.6	217.9	8,600	210
220																			20.9	196.7	7,400	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	82,000																85
90	59.8	299.1	65,800 *	65.9	305.3	75,900																90
95	57.6	296.0	60,800 *	63.8	302.9	70,600	67.3	305.5	66,100													95
100	55.3	292.7	56,400 *	61.6	300.3	65,900	65.2	303.2	61,600													100
105	52.9	289.0	52,500 *	59.4	297.4	61,700	63.1	300.7	57,600													105
110	50.5	284.9	49,000 *	57.2	294.2	57,900	60.9	298.0	54,100													110
115	47.9	280.6	45,900 *	54.9	290.8	54,500	58.7	295.1	50,800													115
120	45.3	275.7	43,100 *	52.5	287.0	51,400	56.4	291.8	47,900	62.6	296.9	42,100										120
130	39.5	264.6	38,200 *	47.4	278.5	45,400 *	51.7	284.4	42,700	58.2	291.1	37,400										130
140	33.0	250.7	34,100 *	42.0	268.2	40,100 *	46.6	275.6	38,400	53.5	284.2	33,500										140
150	25.0	232.3	30,500 *	35.8	255.6	35,700 *	41.0	265.0	34,600	48.6	276.0	30,100	55.2	282.4	25,700							150
160	12.9	202.3	25,300 *	28.5	239.4	31,900 *	34.7	252.0	31,400	43.2	266.1	27,200	50.3	274.6	23,000							160
170				18.8	216.0	28,700 *	27.2	235.0	28,500	37.2	254.1	24,600	45.1	265.4	20,700	51.8	271.6	17,000				170
180							16.7	209.5	25,900	30.3	238.8	22,300	39.4	254.2	18,700	46.7	262.9	15,200				180
190										21.3	217.7	20,200	32.8	240.2	16,900	41.2	252.3	13,500				190
200													24.8	221.7	15,200	34.9	239.3	12,100	42.6	248.5	9,000	200
210													12.4	191.1	13,600	27.4	222.5	10,700	36.6	236.2	7,900	210
220																17.1	197.5	9,500	29.5	220.5	6,800	220
230																			20.2	198.4	5,800	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	81,300																85
90	61.9	310.6	65,200 *	67.5	316.2	75,300																90
95	59.8	307.8	60,300 *	65.5	314.0	70,000																95
100	57.7	304.7	55,900 *	63.6	311.6	65,300	66.9	314.2	60,900													100
105	55.6	301.4	52,000 *	61.5	308.9	61,100	64.9	311.9	56,900													105
110	53.4	297.7	48,500 *	59.5	306.0	57,300	62.9	309.4	53,400													110
115	51.1	293.8	45,400 *	57.4	302.9	53,900	60.9	306.7	50,100													115
120	48.7	289.5	42,500 *	55.2	299.5	50,800	58.8	303.7	47,200													120
130	43.7	279.8	37,600 *	50.7	291.8	44,900 *	54.5	297.0	42,100	60.4	302.8	36,700										130
140	38.2	268.1	33,500 *	45.8	282.8	39,600 *	49.9	289.1	37,700	56.1	296.5	32,800										140
150	31.9	253.6	30,000 *	40.6	271.9	35,200 *	45.0	279.8	34,000	51.7	289.1	29,400	57.6	294.5	24,900							150
160	24.2	234.4	27,000 *	34.6	258.7	31,400 *	39.7	268.7	30,800	46.9	280.4	26,500	53.3	287.5	22,300							160
170	12.5	203.4	22,400 *	27.6	241.8	28,200 *	33.6	255.0	27,900	41.8	270.0	23,900	48.6	279.2	20,000							170
180				18.2	217.6	25,400 *	26.3	237.3	25,400	36.0	257.4	21,700	43.6	269.4	18,000	50.1	276.3	14,400				180
190							16.2	210.9	23,100	29.3	241.5	19,600	38.1	257.7	16,200	45.2	267.0	12,800				190
200										20.6	219.5	17,800	31.7	243.1	14,500	39.8	256.0	11,300	46.4	262.9	8,200	200
210													23.9	223.8	13,000	33.8	242.4	10,000	41.2	252.3	7,100	210
220													12.0	192.1	11,600	26.5	224.8	8,800	35.4	239.4	6,100	220
230																16.6	198.9	7,700	28.5	223.1	5,100	230
240																			19.5	200.1	4,200	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	74,900																90
95	61.8	319.3	59,600 *	67.1	325.0	69,600																95
100	59.8	316.5	55,600 *	65.2	322.7	64,900																100
105	57.9	313.4	51,700 *	63.4	320.2	60,700	66.5	322.9	56,500													105
110	55.8	310.1	48,200 *	61.4	317.6	56,900	64.6	320.6	53,000													110
115	53.8	306.5	45,100 *	59.5	314.7	53,500	62.7	318.1	49,700													115
120	51.6	302.6	42,200 *	57.5	311.6	50,400	60.8	315.4	46,800													120
130	47.2	293.9	37,300 *	53.4	304.6	44,600 *	56.9	309.2	41,700	62.3	314.3	36,300										130
140	42.4	283.7	33,200 *	49.0	296.4	39,300 *	52.7	302.0	37,400	58.4	308.5	32,400										140
150	37.0	271.4	29,700 *	44.4	286.9	34,800 *	48.3	293.7	33,700	54.3	301.7	29,000										150
160	30.9	256.4	26,700 *	39.3	275.5	31,100 *	43.6	283.8	30,400	50.0	293.8	26,100	55.7	299.8	21,900							160
170	23.4	236.5	24,000 *	33.5	261.7	27,900 *	38.4	272.2	27,600	45.4	284.6	23,600	51.5	292.3	19,600							170
180	12.1	204.4	19,800 *	26.7	244.2	25,100 *	32.5	257.9	25,100	40.4	273.7	21,300	47.1	283.6	17,600	52.8	289.2	14,000				180
190				17.6	219.1	22,700 *	25.5	239.5	22,800	34.9	260.5	19,300	42.2	273.3	15,800	48.5	280.9	12,400				190
200							15.7	212.3	20,800	28.4	244.0	17,500	36.9	261.0	14,200	43.7	271.1	11,000				200
210										20.0	221.2	15,800	30.8	245.8	12,700	38.6	259.5	9,700	45.0	267.0	6,700	210
220													23.2	225.8	11,400	32.7	245.3	8,500	39.9	255.9	5,700	220
230													11.7	193.1	10,100	25.7	227.1	7,400	34.3	242.5	4,800	230
240																16.1	200.3	6,400				240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	69,000													95
100	61.7	328.0	54,500 *	66.7	333.7	64,300													100
105	59.9	325.1	51,100 *	64.9	331.4	60,100	67.9	333.8	55,800										105
110	58.0	322.1	47,700 *	63.2	328.9	56,300	66.1	331.6	52,300										110
115	56.1	318.8	44,500 *	61.4	326.2	52,900	64.4	329.3	49,100										115
120	54.1	315.2	41,700 *	59.5	323.4	49,800	62.6	326.8	46,200										120
130	50.1	307.3	36,800 *	55.7	316.9	44,000 *	58.9	321.1	41,000										130
140	45.8	298.2	32,700 *	51.8	309.5	38,700 *	55.1	314.5	36,700	60.3	320.1	31,600							140
150	41.1	287.4	29,200 *	47.6	300.9	34,300 *	51.1	306.9	33,000	56.6	313.9	28,300							150
160	35.9	274.7	26,100 *	43.1	290.8	30,600 *	46.9	298.0	29,800	52.7	306.7	25,400	57.9	311.8	21,100				160
170	30.0	259.0	23,500 *	38.1	279.0	27,400 *	42.3	287.7	27,000	48.5	298.4	22,900	54.0	304.9	18,900				170
180	22.7	238.5	21,200 *	32.6	264.7	24,600 *	37.3	275.5	24,500	44.1	288.7	20,700	50.0	297.0	16,900				180
190	11.7	205.4	17,400 *	26.0	246.5	22,100 *	31.6	260.7	22,300	39.2	277.3	18,700	45.6	287.8	15,100	51.2	294.0	11,600	190
200				17.1	220.6	20,000 *	24.7	241.7	20,300	33.8	263.6	16,900	41.0	277.1	13,500	47.0	285.2	10,200	200
210							15.2	213.6	18,400	27.5	246.4	15,200	35.8	264.2	12,100	42.4	275.0	8,900	210
220										19.4	222.9	13,700	29.9	248.5	10,700	37.4	262.9	7,800	220
230													22.5	227.8	9,500	31.8	248.1	6,700	230
240													11.3	194.1	8,300	25.0	229.3	5,700	240
250																15.6	201.6	4,800	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	59,500													105
110	59.9	333.8	47,900 *	64.7	340.1	55,700	67.5	342.6	51,700										110
115	58.1	330.7	44,700 *	63.0	337.6	52,300	65.8	340.4	48,500										115
120	56.3	327.5	41,800 *	61.3	334.9	49,200	64.1	338.0	45,500										120
130	52.6	320.2	36,700 *	57.8	328.9	43,800	60.7	332.7	40,500										130
140	48.6	311.9	32,500 *	54.1	322.1	38,700 *	57.2	326.6	36,100	62.0	331.6	31,000							140
150	44.5	302.3	29,000 *	50.3	314.2	34,200 *	53.5	319.6	32,500	58.6	325.8	27,700							150
160	39.9	291.1	25,900 *	46.2	305.2	30,400 *	49.6	311.5	29,300	54.9	319.1	24,800							160
170	34.9	277.8	23,200 *	41.8	294.7	27,100 *	45.5	302.3	26,500	51.1	311.5	22,300	56.2	317.2	18,200				170
180	29.2	261.6	20,900 *	37.1	282.3	24,300 *	41.1	291.5	24,000	47.1	302.7	20,100	52.5	309.9	16,200				180
190	22.1	240.4	18,800 *	31.7	267.5	21,800 *	36.2	278.8	21,800	42.8	292.6	18,100	48.5	301.6	14,500				190
200	11.4	206.4	15,300 *	25.2	248.7	19,600 *	30.7	263.5	19,800	38.1	280.7	16,300	44.4	291.9	12,900	49.8	298.7	9,600	200
210				16.7	222.1	17,700 *	24.1	243.9	18,000	32.9	266.5	14,700	39.8	280.7	11,500	45.7	289.5	8,300	210
220							14.8	214.9	16,300	26.8	248.8	13,200	34.8	267.4	10,200	41.2	278.8	7,200	220
230										18.9	224.6	11,800	29.0	251.1	9,000	36.4	266.2	6,100	230
240													21.9	229.7	7,800	30.9	250.9	5,100	240
250													11.0	195.0	6,800	24.3	231.4	4,200	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	47,800										115
120	58.2	339.4	41,200 *	62.9	346.3	48,600	65.5	349.1	44,900										120
130	54.7	332.7	36,200 *	59.6	340.7	43,200	62.3	344.1	39,800										130
140	51.1	325.0	32,000 *	56.2	334.3	38,200 *	59.0	338.4	35,500										140
150	47.3	316.3	28,400 *	52.6	327.1	33,600 *	55.6	331.9	31,800	60.3	337.5	27,000							150
160	43.3	306.3	25,300 *	48.9	318.8	29,800 *	52.1	324.5	28,600	56.9	331.3	24,100							160
170	38.9	294.6	22,700 *	45.0	309.3	26,600 *	48.3	316.0	25,800	53.4	324.2	21,600							170
180	34.0	280.9	20,300 *	40.7	298.4	23,700 *	44.3	306.3	23,400	49.7	316.2	19,400	54.7	322.4	15,500				180
190	28.4	264.2	18,300 *	36.1	285.6	21,300 *	40.0	295.2	21,200	45.9	307.0	17,400	51.0	314.7	13,700				190
200	21.5	242.3	16,400 *	30.8	270.3	19,100 *	35.3	282.0	19,200	41.7	296.4	15,600	47.2	306.0	12,200	52.2	311.6	8,800	200
210	11.1	207.4	13,200 *	24.6	250.9	17,200 *	29.9	266.2	17,400	37.1	284.1	14,000	43.2	295.9	10,700	48.4	303.2	7,500	210
220				16.2	223.5	15,400 *	23.4	245.9	15,800	32.0	269.4	12,600	38.8	284.2	9,500	44.4	293.6	6,400	220
230							14.4	216.1	14,200	26.1	251.1	11,300	33.9	270.4	8,300	40.1	282.4	5,400	230
240										18.4	226.2	10,000	28.3	253.6	7,200	35.4	269.4	4,400	240
250													21.3	231.6	6,200				250
260													10.7	195.9	5,200				260



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 170 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	69.1	245.0	148,700 *c																			40
45	64.6	242.8	139,700 *b																			45
50	60.0	240.1	131,500 *b																			50
55	55.1	236.7	124,100 *b	69.1	243.7	144,000 *c																55
60	49.8	232.7	113,200 *	64.6	241.5	136,000 *b																60
65	44.1	227.9	100,900 *	59.9	238.7	128,700 *b																65
70	37.7	221.9	90,800 *	55.0	235.4	120,400 b	63.6	239.5	115,700 b													70
75	30.2	214.2	82,500 *	49.8	231.4	110,400	58.9	236.7	106,100 b													75
80	20.2	203.0	75,300 *	44.1	226.6	100,900 *	53.9	233.2	97,800 b													80
85				37.7	220.6	90,800 *	48.6	229.0	90,700													85
90				30.1	212.8	82,400 *	42.8	224.0	84,500	58.5	233.1	78,800 b										90
95				20.1	201.6	75,300 *	36.2	217.7	79,000	53.5	229.6	73,600 b										95
100							28.2	209.4	74,000	48.2	225.4	69,100										100
105							17.1	196.8	69,600	42.3	220.2	65,000	57.9	228.0	60,300 b							105
110										35.7	213.8	61,300	52.8	224.4	56,900 b							110
115										27.6	205.3	57,900	47.4	220.1	53,800							115
120										16.0	192.1	54,800	41.4	214.8	50,900							120
130													26.3	199.3	45,900	46.1	213.1	42,400				130
140																32.9	200.5	38,500				140
150																8.0	172.0	35,000	37.6	198.2	32,200	150
160																			20.0	179.2	29,500	160





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	115,200 b													70
75	41.1	231.7	82,800 *	55.7	244.1	109,900	63.2	248.2	105,600 b													75
80	35.1	225.1	75,600 *	51.2	240.3	101,400 *	59.0	245.3	97,400 b													80
85	28.1	216.7	69,500 *	46.3	235.8	91,200 *	54.7	242.0	90,200													85
90	18.8	204.6	64,200 *	41.0	230.4	82,800 *	50.1	238.0	84,000	62.9	244.6	78,200 b										90
95				35.1	223.8	75,600 *	45.2	233.3	78,600	58.7	241.7	73,100 b										95
100				28.1	215.3	69,500 *	39.8	227.6	73,700	54.4	238.3	68,500										100
105				18.7	203.3	64,200 *	33.7	220.7	69,300	49.8	234.3	64,500										105
110							26.3	211.7	65,300	44.8	229.5	60,800										110
115							15.9	198.1	61,700	39.4	223.8	57,500	53.8	233.2	53,200							115
120										33.2	216.8	54,500	49.1	229.1	50,400							120
130										14.9	193.4	49,000	38.6	218.3	45,500	52.7	226.4	41,800				130
140													24.5	201.4	41,200	42.9	217.0	37,900				140
150																30.6	203.2	34,600				150
160																7.4	172.6	31,500	46.3	213.4	31,600	160
170																			35.1	201.4	28,900	170
																			18.6	180.8	26,500	



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	120,000 b																65
70	52.2	250.4	91,500 *	63.6	258.8	108,900 b																70
75	48.0	246.1	83,000 *	60.0	256.1	99,500	66.4	259.3	93,700 b													75
80	43.5	241.1	75,800 *	56.2	252.8	91,600	62.8	256.9	86,100 b													80
85	38.6	235.2	69,600 *	52.2	249.1	84,600	59.1	254.0	79,600													85
90	33.0	228.1	64,300 *	48.0	244.8	78,600	55.3	250.7	73,900													90
95	26.4	219.0	59,600 *	43.5	239.8	73,300	51.3	246.8	68,800	62.6	253.3	61,400										95
100	17.6	206.2	55,400 *	38.6	233.9	68,500	47.0	242.4	64,300	58.9	250.4	57,400										100
105				33.0	226.7	64,300 *	42.5	237.2	60,300	55.0	247.1	53,800										105
110				26.4	217.7	59,600 *	37.4	231.1	56,700	51.0	243.2	50,500										110
115				17.6	204.8	55,500 *	31.7	223.6	53,400	46.7	238.7	47,600										115
120							24.7	213.9	50,400	42.1	233.4	44,900	54.5	241.9	39,300							120
130										31.2	219.6	40,100	46.1	233.4	35,100							130
140										14.0	194.6	36,000	36.3	221.6	31,500	49.4	231.1	27,000				140
150													23.0	203.4	28,300	40.3	220.8	24,200				150
160																28.8	205.8	21,800	43.5	217.5	18,100	160
170																6.9	173.2	19,500	33.0	204.4	16,200	170
180																			17.5	182.4	14,400	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	108,200																70
75	53.0	259.2	82,900 *	63.2	267.5	98,900																75
80	49.3	255.1	75,700 *	60.0	264.7	90,900	65.7	268.0	85,400													80
85	45.4	250.4	69,500 *	56.6	261.5	84,000	62.5	265.5	78,900													85
90	41.1	244.9	64,100 *	53.0	257.9	78,000	59.2	262.7	73,200													90
95	36.5	238.5	59,400 *	49.3	253.8	72,700	55.8	259.4	68,100													95
100	31.3	230.9	55,300 *	45.4	249.1	68,000	52.2	255.7	63,700	62.3	262.0	56,600										100
105	25.0	221.2	51,600 *	41.1	243.6	63,700	48.5	251.4	59,700	59.0	259.1	53,000										105
110	16.7	207.6	48,300 *	36.5	237.2	59,400 *	44.5	246.5	56,100	55.6	255.8	49,800										110
115				31.2	229.5	55,300 *	40.1	240.9	52,900	52.0	252.0	46,800										115
120				25.0	219.9	51,600 *	35.4	234.3	49,900	48.2	247.7	44,200										120
130							23.4	216.0	44,600	39.8	237.1	39,500	51.4	246.8	34,300							130
140										29.5	222.2	35,500	43.6	237.4	30,800							140
150										13.3	195.7	31,900	34.3	224.7	27,700	46.7	235.5	23,400				150
160													21.8	205.3	24,900	38.1	224.2	21,000				160
170																27.2	208.2	18,900	41.1	221.3	15,400	170
180																6.5	173.7	16,900	31.2	207.2	13,700	180
190																			16.6	183.8	12,200	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	107,600																70
75	56.9	271.5	85,300 *	65.8	278.7	98,300																75
80	53.7	268.0	77,800 *	62.9	276.2	90,300																80
85	50.4	264.0	71,400 *	60.0	273.4	83,400	65.2	276.7	78,200													85
90	46.9	259.5	65,900 *	56.9	270.2	77,400	62.3	274.2	72,500													90
95	43.1	254.4	61,000 *	53.7	266.7	72,100	59.3	271.3	67,500													95
100	39.1	248.5	56,800 *	50.4	262.7	67,400	56.2	268.1	63,000													100
105	34.7	241.7	53,000 *	46.8	258.2	63,200	53.0	264.4	59,100	62.1	270.6	52,300										105
110	29.7	233.5	49,600 *	43.1	253.0	59,400	49.6	260.3	55,500	59.1	267.7	49,000										110
115	23.8	223.3	46,500 *	39.1	247.2	56,000	46.0	255.7	52,300	56.0	264.5	46,100										115
120	15.9	209.0	43,200 *	34.7	240.3	52,800	42.3	250.4	49,300	52.7	260.8	43,500										120
130				23.8	222.0	46,500 *	33.7	237.3	44,100	45.8	252.0	38,800	55.5	259.4	33,600							130
140							22.3	217.9	39,700	37.9	240.5	34,900	48.9	251.4	30,100							140
150										28.1	224.7	31,400	41.4	241.2	27,000	51.5	248.8	22,700				150
160										12.6	196.8	28,400	32.6	227.6	24,400	44.4	239.6	20,400				160
170													20.7	207.1	22,000	36.2	227.5	18,300	46.8	235.8	14,600	170
180																25.9	210.5	16,400	39.1	224.8	13,100	180
190																6.2	174.2	14,600	29.7	209.8	11,600	190
200																			15.8	185.1	10,200	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	97,600																75
80	57.2	280.2	77,500 *	65.4	287.4	89,600																80
85	54.3	276.7	71,000 *	62.7	284.8	82,800	67.4	287.7	77,400													85
90	51.2	272.8	65,500 *	60.0	282.0	76,800	64.8	285.4	71,800													90
95	48.1	268.5	60,600 *	57.1	278.9	71,500	62.1	282.9	66,800													95
100	44.7	263.6	56,300 *	54.2	275.4	66,800	59.4	280.0	62,400													100
105	41.2	258.2	52,500 *	51.2	271.5	62,600	56.5	276.8	58,400													105
110	37.4	251.9	49,100 *	48.0	267.2	58,800	53.6	273.2	54,800	61.9	279.3	48,200										110
115	33.2	244.7	46,100 *	44.7	262.3	55,400	50.5	269.2	51,600	59.2	276.4	45,300										115
120	28.4	236.1	43,300 *	41.2	256.8	52,300	47.3	264.8	48,700	56.3	273.2	42,700										120
130	15.2	210.3	38,000 *	33.1	243.3	46,100 *	40.4	254.1	43,500	50.3	265.6	38,100										130
140				22.7	224.0	40,800 *	32.2	240.2	39,200	43.7	256.0	34,200	52.9	264.4	29,300							140
150							21.3	219.8	35,400	36.2	243.8	30,800	46.6	255.8	26,300							150
160										26.9	227.1	27,800	39.6	244.8	23,700	49.1	253.5	19,500				160
170										12.0	197.8	25,100	31.2	230.4	21,300	42.4	243.5	17,500				170
180													19.8	208.9	19,200	34.6	230.7	15,700	44.7	240.0	12,200	180
190																24.8	212.7	14,100	37.3	228.2	10,800	190
200																5.9	174.6	12,400	28.4	212.4	9,500	200
210																			15.0	186.4	8,300	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	97,200																75
80	60.0	292.0	77,400 *	67.4	298.3	89,300																80
85	57.4	288.9	70,900 *	65.0	296.0	82,400																85
90	54.7	285.5	65,400 *	62.5	293.5	76,400	66.9	296.4	71,400													90
95	51.9	281.7	60,500 *	60.0	290.7	71,100	64.4	294.1	66,400													95
100	49.1	277.5	56,200 *	57.4	287.6	66,500	61.9	291.5	62,000													100
105	46.0	272.8	52,400 *	54.7	284.2	62,300	59.4	288.7	58,000													105
110	42.9	267.6	49,000 *	51.9	280.3	58,500	56.8	285.5	54,500													110
115	39.5	261.8	45,900 *	49.0	276.1	55,100	54.1	282.0	51,300	61.8	288.0	45,000										115
120	35.8	255.2	43,200 *	46.0	271.5	52,000	51.3	278.1	48,400	59.2	285.1	42,300										120
130	27.3	238.5	38,300 *	39.5	260.4	45,900 *	45.4	269.0	43,300	53.9	278.3	37,800										130
140	14.5	211.5	33,700 *	31.8	246.2	40,700 *	38.7	257.7	38,900	48.2	270.1	33,900	56.2	276.8	28,900							140
150				21.8	225.9	36,200 *	30.8	242.9	35,200	41.9	259.9	30,500	50.7	269.2	25,900							150
160							20.4	221.6	31,900	34.7	247.0	27,600	44.7	259.9	23,300	52.9	266.4	19,200				160
170										25.8	229.4	25,000	37.9	248.3	21,100	47.1	257.9	17,200				170
180										11.5	198.8	22,600	29.9	233.1	19,000	40.6	247.2	15,400				180
190													19.0	210.5	17,200	33.2	233.6	13,800	42.8	243.9	10,500	190
200																23.8	214.8	12,300	35.8	231.5	9,200	200
210																5.7	175.1	10,900	27.2	214.8	8,100	210
220																			14.4	187.7	7,000	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	88,600																80
85	60.0	300.7	70,500 *	66.9	307.0	81,800																85
90	57.6	297.6	64,900 *	64.6	304.7	75,800																90
95	55.1	294.2	60,000 *	62.3	302.2	70,500	66.4	305.2	65,700													95
100	52.5	290.5	55,700 *	60.0	299.4	65,800	64.1	302.8	61,300													100
105	49.9	286.4	51,900 *	57.6	296.3	61,700	61.8	300.2	57,400													105
110	47.2	281.9	48,500 *	55.1	292.9	57,900	59.4	297.3	53,800													110
115	44.3	276.9	45,500 *	52.5	289.1	54,500	57.0	294.2	50,600													115
120	41.2	271.4	42,700 *	49.9	285.0	51,400	54.5	290.7	47,700	61.6	296.6	41,600										120
130	34.5	258.3	37,900 *	44.2	275.6	45,500 *	49.3	282.7	42,600	56.9	290.6	37,000										130
140	26.2	240.8	33,800 *	38.0	263.9	40,200 *	43.6	273.0	38,300	51.8	283.2	33,100										140
150	14.0	212.7	29,800 *	30.6	248.9	35,800 *	37.2	261.0	34,600	46.3	274.4	29,800	54.0	281.9	25,100							150
160				21.0	227.7	32,000 *	29.7	245.6	31,300	40.3	263.6	26,900	48.7	273.8	22,600							160
170							19.7	223.3	28,500	33.4	250.0	24,400	43.0	263.9	20,300	50.8	271.2	16,300				170
180										24.8	231.6	22,100	36.5	251.6	18,300	45.2	262.1	14,600				180
190										11.1	199.7	20,000	28.8	235.7	16,500	39.1	250.8	13,000	47.1	258.2	9,600	190
200													18.3	212.1	14,900	31.9	236.5	11,600	41.2	247.7	8,400	200
210																22.9	216.8	10,300	34.4	234.6	7,300	210
220																5.4	175.5	9,000	26.2	217.1	6,300	220
230																			13.9	188.8	5,300	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	81,100																85
90	60.0	309.3	64,900 *	66.4	315.8	75,100																90
95	57.7	306.3	61,100 *	64.3	313.4	69,900																95
100	55.4	302.9	56,700 *	62.2	310.8	65,200	66.0	313.9	60,600													100
105	53.1	299.2	52,800 *	60.0	308.0	61,000	63.8	311.5	56,700													105
110	50.6	295.2	49,300 *	57.7	304.9	57,300	61.7	308.9	53,200													110
115	48.1	290.9	46,100 *	55.4	301.6	53,900	59.5	306.0	50,000													115
120	45.4	286.1	43,300 *	53.1	297.9	50,800	57.2	302.8	47,100													120
130	39.7	275.0	38,300 *	48.1	289.5	45,400	52.5	295.7	42,000	59.3	302.4	36,300										130
140	33.2	261.3	34,200 *	42.7	279.5	40,700 *	47.5	287.1	37,700	54.7	295.8	32,500										140
150	25.3	243.1	30,700 *	36.6	267.2	36,200 *	42.0	276.9	34,000	49.9	287.9	29,200	56.7	294.1	24,400							150
160	13.5	213.9	25,700 *	29.5	251.6	32,400 *	35.9	264.3	30,800	44.6	278.5	26,300	52.0	286.8	21,900							160
170				20.2	229.5	29,100 *	28.6	248.1	28,000	38.8	267.1	23,800	47.0	278.1	19,700							170
180							19.0	224.9	25,400	32.2	252.9	21,500	41.4	267.7	17,700	48.9	275.8	13,900				180
190										23.9	233.7	19,500	35.2	254.8	15,900	43.6	266.1	12,400				190
200										10.7	200.6	17,600	27.8	238.1	14,300	37.7	254.2	11,000	45.4	262.4	7,700	200
210													17.6	213.6	12,800	30.8	239.3	9,700	39.7	251.3	6,600	210
220																22.1	218.7	8,500	33.2	237.6	5,600	220
230																5.2	175.9	7,300	25.2	219.3	4,700	230





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	74,500																90
95	60.0	318.0	59,400 *	66.0	324.5	69,200																95
100	57.9	314.9	56,200 *	64.0	322.1	64,600	67.6	324.8	59,900													100
105	55.7	311.6	52,200 *	62.0	319.5	60,400	65.6	322.6	56,000													105
110	53.5	308.0	48,700 *	60.0	316.7	56,700	63.6	320.2	52,500													110
115	51.2	304.1	45,600 *	57.9	313.6	53,300	61.6	317.5	49,300													115
120	48.9	299.8	42,700 *	55.7	310.3	50,200	59.5	314.6	46,400													120
130	43.9	290.1	37,800 *	51.2	302.8	44,800	55.2	308.1	41,300	61.4	314.0	35,600										130
140	38.4	278.5	33,700 *	46.4	293.9	40,200 *	50.7	300.5	37,000	57.3	307.9	31,700										140
150	32.1	264.1	30,100 *	41.2	283.3	35,700 *	45.9	291.4	33,400	52.9	300.8	28,400										150
160	24.5	245.2	27,100 *	35.4	270.4	31,800 *	40.6	280.6	30,200	48.2	292.4	25,600	54.8	299.4	21,100							160
170	13.1	215.0	22,700 *	28.5	254.1	28,600 *	34.7	267.4	27,400	43.1	282.5	23,100	50.2	291.6	18,900							170
180				19.6	231.2	25,700 *	27.7	250.6	24,900	37.6	270.5	20,900	45.4	282.4	16,900	52.0	288.9	13,100				180
190							18.3	226.5	22,600	31.1	255.6	18,900	40.0	271.3	15,200	47.3	280.2	11,600				190
200										23.1	235.7	17,100	34.0	257.9	13,600	42.1	270.0	10,200				200
210										10.3	201.5	15,400	26.9	240.5	12,200	36.4	257.5	9,000	43.9	266.5	5,800	210
220													17.1	215.1	10,800	29.8	241.9	7,800	38.4	254.8	4,800	220
230																21.3	220.6	6,700				230
240																5.0	176.3	5,600				240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	74,100													90
95	61.9	329.5	57,200 *	67.5	335.4	68,800													95
100	60.0	326.7	54,500 *	65.7	333.2	64,200													100
105	58.0	323.6	51,900 *	63.8	330.8	60,000	67.1	333.5	55,600										105
110	56.0	320.3	48,400 *	61.9	328.2	56,300	65.3	331.3	52,000										110
115	53.9	316.7	45,300 *	60.0	325.3	52,900	63.4	328.8	48,900										115
120	51.8	312.9	42,400 *	58.0	322.3	49,800	61.5	326.2	46,000										120
130	47.3	304.2	37,500 *	53.9	315.4	44,400	57.6	320.2	40,900										130
140	42.5	294.1	33,300 *	49.6	307.4	39,900 *	53.5	313.2	36,700	59.4	319.7	31,300							140
150	37.2	281.9	29,800 *	45.0	298.0	35,300 *	49.1	305.1	33,000	55.4	313.2	28,100							150
160	31.2	266.9	26,800 *	39.9	286.9	31,500 *	44.4	295.5	29,800	51.2	305.6	25,200	57.1	311.5	20,700				160
170	23.7	247.3	24,100 *	34.3	273.5	28,300 *	39.4	284.2	27,000	46.7	296.8	22,700	53.0	304.4	18,500				170
180	12.7	216.1	20,200 *	27.7	256.6	25,400 *	33.6	270.5	24,600	41.8	286.3	20,500	48.6	296.1	16,600				180
190				19.0	232.9	22,900 *	26.8	253.0	22,400	36.4	273.8	18,600	43.9	286.4	14,800	50.3	293.6	11,200	190
200							17.8	228.1	20,300	30.2	258.3	16,800	38.8	274.9	13,300	45.8	284.5	9,800	200
210										22.4	237.7	15,200	33.0	260.8	11,900	40.8	273.7	8,600	210
220										10.0	202.4	13,600	26.0	242.8	10,600	35.3	260.7	7,500	220
230													16.5	216.6	9,300	28.9	244.5	6,400	230
240																20.7	222.4	5,500	240
250																4.9	176.7	4,500	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	68,200													95
100	61.8	338.1	52,400 *	67.1	344.1	63,500													100
105	60.0	335.3	50,100 *	65.4	341.9	59,400													105
110	58.1	332.3	47,800 *	63.6	339.5	55,700	66.7	342.3	51,400										110
115	56.2	329.0	44,700 *	61.8	336.8	52,300	65.0	340.0	48,200										115
120	54.3	325.5	41,900 *	60.0	334.0	49,200	63.2	337.5	45,300										120
130	50.2	317.6	36,900 *	56.2	327.7	43,800	59.6	332.0	40,300										130
140	45.9	308.5	32,800 *	52.3	320.4	39,300 *	55.8	325.5	36,000	61.3	331.3	30,600							140
150	41.3	297.8	29,300 *	48.1	311.9	34,800 *	51.8	318.1	32,400	57.6	325.3	27,300							150
160	36.1	285.2	26,200 *	43.6	302.1	31,000 *	47.6	309.5	29,200	53.7	318.3	24,500							160
170	30.2	269.6	23,600 *	38.8	290.5	27,700 *	43.1	299.5	26,400	49.6	310.3	22,000	55.4	316.8	17,700				170
180	23.0	249.3	21,300 *	33.3	276.5	24,900 *	38.2	287.7	24,000	45.3	301.0	19,900	51.4	309.3	15,800				180
190	12.3	217.1	17,700 *	26.8	258.9	22,400 *	32.6	273.4	21,800	40.5	290.1	17,900	47.2	300.5	14,100	52.9	306.4	10,400	190
200				18.4	234.5	20,200 *	26.1	255.3	19,800	35.3	277.0	16,200	42.6	290.3	12,500	48.8	298.2	9,000	200
210							17.3	229.6	18,000	29.3	261.0	14,600	37.6	278.3	11,200	44.4	288.6	7,800	210
220										21.8	239.6	13,100	32.0	263.7	9,900	39.6	277.3	6,700	220
230										9.7	203.2	11,700	25.3	245.1	8,700	34.3	263.8	5,700	230
240													16.1	218.0	7,600	28.0	247.0	4,800	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	58,800													105
110	60.0	344.0	46,200 *	65.1	350.6	55,100	68.0	353.1	50,700										110
115	58.2	340.9	44,200 *	63.4	348.1	51,700	66.4	351.0	47,600										115
120	56.4	337.7	42,000 *	61.7	345.5	48,600	64.7	348.7	44,700										120
130	52.7	330.5	36,900 *	58.2	339.6	43,300	61.3	343.5	39,700										130
140	48.8	322.2	32,700 *	54.6	332.9	38,800	57.8	337.5	35,400	62.9	342.6	29,900							140
150	44.6	312.6	29,100 *	50.8	325.1	34,700 *	54.2	330.7	31,800	59.5	337.0	26,700							150
160	40.1	301.5	26,000 *	46.7	316.3	30,800 *	50.3	322.8	28,600	55.9	330.6	23,900							160
170	35.1	288.3	23,300 *	42.4	306.0	27,500 *	46.3	313.8	25,900	52.1	323.3	21,400	57.4	328.9	17,100				170
180	29.4	272.3	21,000 *	37.7	293.9	24,600 *	41.9	303.3	23,400	48.2	314.8	19,300	53.8	321.9	15,200				180
190	22.4	251.3	18,900 *	32.4	279.4	22,100 *	37.1	291.0	21,200	44.0	305.0	17,300	49.9	313.9	13,500				190
200	11.9	218.2	15,600 *	26.1	261.3	19,900 *	31.7	276.2	19,300	39.4	293.7	15,600	45.8	304.8	11,900	51.4	311.3	8,400	200
210				17.9	236.0	17,900 *	25.3	257.5	17,500	34.3	280.1	14,000	41.4	294.1	10,500	47.4	302.6	7,200	210
220							16.8	231.0	15,900	28.5	263.5	12,600	36.6	281.6	9,300	43.2	292.6	6,100	220
230										21.2	241.5	11,200	31.1	266.5	8,100	38.5	280.8	5,100	230
240										9.5	204.0	10,000	24.6	247.2	7,100	33.3	266.8	4,200	240
250													15.6	219.3	6,000				250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 170 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	75.6	373.5	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	51,100	67.6	361.9	46,900										115
120	58.3	349.6	40,900 *	63.2	356.8	48,000	66.1	359.7	44,000										120
130	54.9	342.9	36,300 *	60.0	351.3	42,700	62.9	354.9	39,000										130
140	51.3	335.3	32,100 *	56.6	345.1	38,200	59.6	349.3	34,800										140
150	47.5	326.6	28,500 *	53.1	337.9	34,200 *	56.2	342.9	31,100	61.2	348.6	26,000							150
160	43.4	316.6	25,400 *	49.4	329.8	30,300 *	52.7	335.7	28,000	57.8	342.6	23,200							160
170	39.0	305.1	22,800 *	45.5	320.5	26,900 *	49.0	327.4	25,200	54.3	335.8	20,700							170
180	34.2	291.4	20,400 *	41.3	309.7	24,100 *	45.0	318.0	22,800	50.7	328.0	18,600	55.9	334.2	14,400				180
190	28.6	274.8	18,300 *	36.7	297.2	21,600 *	40.8	307.1	20,600	46.9	319.2	16,600	52.3	326.9	12,700				190
200	21.8	253.2	16,500 *	31.5	282.2	19,300 *	36.1	294.3	18,700	42.8	309.0	14,900	48.6	318.5	11,200				200
210	11.6	219.1	13,400 *	25.4	263.5	17,400 *	30.9	279.0	16,900	38.4	297.1	13,300	44.6	308.9	9,800	50.0	316.0	6,400	210
220				17.4	237.5	15,600 *	24.7	259.7	15,300	33.4	283.1	11,900	40.3	297.8	8,600	46.1	306.9	5,300	220
230							16.3	232.5	13,800	27.7	266.0	10,600	35.6	284.8	7,400	42.0	296.4	4,300	230
240										20.6	243.3	9,400	30.3	269.2	6,400				240
250										9.2	204.8	8,200	23.9	249.3	5,400				250
260													15.2	220.6	4,500				260



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	114,600 b													70
75	30.8	224.8	83,000 *	51.1	242.4	109,700 b	60.6	247.6	105,100 b													75
80	21.0	214.0	75,800 *	45.5	237.8	101,200	55.7	244.3	96,900 b													80
85				39.3	232.1	93,100 *	50.5	240.4	89,900 b													85
90				32.1	224.9	84,400 *	44.8	235.7	83,700	61.0	244.3	77,500 b										90
95				22.9	214.8	77,000 *	38.6	229.9	78,200	56.2	241.1	72,400 b										95
100				3.1	191.3	67,400 *	31.2	222.4	73,400	51.0	237.3	68,000 b										100
105							21.6	211.9	69,000	45.4	232.7	63,900										105
110										39.2	227.0	60,300	56.3	236.3	55,500 b							110
115										32.0	219.7	57,000	51.2	232.5	52,500							115
120										22.8	209.6	53,900	45.6	227.9	49,700							120
130													32.2	215.0	44,800	50.8	226.0	41,000				130
140													4.1	182.5	40,500	38.9	215.6	37,200				140
150																22.3	197.9	33,900	44.0	212.9	30,800	150
160																30.1	199.1	28,100	30.1	199.1	28,100	160



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	119,500 b																65
70	46.7	247.4	91,900 *	61.0	258.0	108,500 b																70
75	41.5	242.1	83,300 *	56.7	254.9	99,200	64.6	258.9	92,900 b													75
80	35.6	235.6	76,100 *	52.3	251.2	91,300	60.5	256.2	85,500 b													80
85	28.7	227.4	69,900 *	47.5	246.9	84,400	56.2	253.0	79,000													85
90	19.6	215.7	64,500 *	42.4	241.7	78,400	51.8	249.3	73,300													90
95				36.6	235.4	73,000	47.0	244.8	68,300	60.9	253.0	60,400 b										95
100				29.9	227.5	68,300	41.8	239.6	63,900	56.7	249.8	56,500										100
105				21.4	216.7	64,000	35.9	233.1	59,900	52.2	246.1	52,900										105
110				2.8	191.4	58,000 *	29.1	225.0	56,300	47.5	241.8	49,700										110
115							20.2	213.6	52,900	42.3	236.6	46,800	56.8	245.0	40,600							115
120										36.5	230.3	44,100	52.3	241.3	38,300							120
130										21.2	211.5	39,400	42.4	231.8	34,100							130
140													30.0	217.7	30,600	47.2	230.5	25,800				140
150													3.7	182.7	27,200	36.3	218.9	23,100				150
160																20.7	199.7	20,700	41.0	216.7	16,800	160
170																			28.0	201.6	15,000	170



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	118,900 b																65
70	52.5	260.7	92,100 *	64.5	269.4	107,900 b																70
75	48.3	256.5	83,500 *	60.9	266.7	98,700	67.6	269.9	92,300 b													75
80	43.8	251.5	76,300 *	57.1	263.6	90,800	64.1	267.6	84,800 b													80
85	38.9	245.7	70,000 *	53.2	260.0	83,900	60.4	264.9	78,400													85
90	33.4	238.6	64,600 *	49.0	255.9	77,900	56.7	261.7	72,800													90
95	27.0	229.7	59,900 *	44.6	251.0	72,600	52.7	258.1	67,800													95
100	18.4	217.3	55,700 *	39.8	245.4	67,900	48.6	253.9	63,400	60.8	261.6	55,800										100
105				34.4	238.6	63,700	44.1	248.9	59,400	57.0	258.5	52,300										105
110				28.1	230.1	59,900	39.2	243.2	55,800	53.1	254.9	49,100										110
115				20.1	218.4	56,300	33.8	236.2	52,600	49.0	250.8	46,200										115
120				2.6	191.5	50,600 *	27.3	227.4	49,600	44.6	245.9	43,600	57.1	253.7	37,600							120
130										34.3	233.4	39,000	49.1	246.0	33,500							130
140										19.9	213.2	35,000	39.9	235.5	30,000	52.9	243.7	25,100				140
150													28.2	220.2	27,000	44.3	234.6	22,500				150
160													3.5	182.9	24,100	34.1	222.0	20,200	48.0	231.2	16,200	160
170																19.5	201.4	18,100	38.5	220.2	14,400	170
180																		26.4	204.0	12,800		180





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	107,300 b																70
75	53.3	269.5	84,000 *	64.0	278.1	98,000																75
80	49.6	265.4	76,600 *	60.8	275.4	90,100	66.8	278.7	84,100 b													80
85	45.7	260.7	70,300 *	57.4	272.3	83,300	63.7	276.3	77,700													85
90	41.5	255.3	64,800 *	53.9	268.8	77,300	60.4	273.6	72,000													90
95	36.8	249.0	60,100 *	50.2	264.8	72,000	57.0	270.4	67,100													95
100	31.6	241.5	55,800 *	46.3	260.2	67,300	53.5	266.9	62,700													100
105	25.5	232.0	52,100 *	42.2	254.9	63,200	49.8	262.8	58,800	60.7	270.3	51,500										105
110	17.4	218.8	48,700 *	37.6	248.8	59,400	45.9	258.1	55,200	57.3	267.2	48,300										110
115				32.6	241.5	55,900	41.7	252.8	52,000	53.8	263.7	45,500										115
120				26.6	232.4	52,700 *	37.1	246.5	49,100	50.2	259.7	42,900										120
130				2.4	191.6	44,500 *	25.9	229.7	43,900	42.1	249.8	38,300	53.9	258.9	32,700							130
140										32.5	236.3	34,400	46.4	250.3	29,300							140
150										18.9	214.8	31,000	37.7	238.9	26,300	50.0	248.4	21,700				150
160													26.7	222.6	23,700	41.9	238.5	19,400				160
170													3.2	183.2	21,200	32.2	224.9	17,400	45.3	235.4	13,600	170
180																18.4	203.0	15,600	36.4	223.5	12,000	180
190																			24.9	206.2	10,600	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	106,600 b																70
75	57.1	281.8	85,700 *	66.5	289.1	97,400																75
80	53.9	278.3	78,300 *	63.7	286.7	89,500																80
85	50.6	274.3	71,800 *	60.7	284.0	82,600	66.2	287.4	76,900													85
90	47.1	269.8	66,200 *	57.6	281.0	76,700	63.3	285.0	71,400													90
95	43.4	264.7	61,300 *	54.5	277.5	71,400	60.4	282.2	66,400													95
100	39.4	258.9	57,000 *	51.2	273.6	66,800	57.3	279.1	62,000													100
105	35.0	252.2	53,200 *	47.7	269.2	62,600	54.1	275.6	58,100													105
110	30.1	244.2	49,800 *	44.0	264.3	58,800	50.8	271.7	54,600	60.6	278.9	47,600										110
115	24.3	234.1	46,700 *	40.1	258.6	55,400	47.3	267.2	51,400	57.6	275.9	44,700										115
120	16.6	220.2	43,700 *	35.8	252.0	52,300	43.6	262.2	48,500	54.4	272.4	42,200										120
130				25.3	234.7	46,800	35.3	249.7	43,400	47.7	264.1	37,600	57.7	271.1	31,900							130
140				2.2	191.8	37,900 *	24.6	231.9	39,000	40.0	253.5	33,800	51.2	263.7	28,500							140
150										30.9	239.1	30,400	44.1	254.4	25,600							150
160										18.0	216.4	27,500	35.9	242.2	23,100	47.5	252.8	18,700				160
170													25.4	224.8	20,800	39.9	242.1	16,800				170
180													3.0	183.3	18,600	30.7	227.6	15,000	43.1	239.4	11,300	180
190																17.6	204.6	13,400	34.7	226.7	10,000	190
200																			23.7	208.3	8,700	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	96,700																75
80	57.4	290.5	77,600 *	66.0	297.8	88,800																80
85	54.5	287.0	71,500 *	63.4	295.4	82,000																85
90	51.4	283.1	65,800 *	60.6	292.7	76,000	65.7	296.1	70,600													90
95	48.3	278.8	60,900 *	57.8	289.6	70,800	63.0	293.6	65,700													95
100	45.0	274.0	56,600 *	55.0	286.2	66,100	60.3	290.9	61,300													100
105	41.4	268.6	52,800 *	52.0	282.4	62,000	57.5	287.8	57,400													105
110	37.6	262.4	49,400 *	48.8	278.2	58,200	54.6	284.3	53,900													110
115	33.5	255.2	46,300 *	45.5	273.5	54,800	51.6	280.5	50,700	60.6	287.6	43,900										115
120	28.8	246.7	43,500 *	42.1	268.2	51,700	48.5	276.2	47,800	57.8	284.6	41,400										120
130	15.8	221.6	38,500 *	34.2	255.1	46,300	41.6	266.0	42,800	51.9	277.3	36,900										130
140				24.2	236.8	41,400 *	33.7	252.8	38,500	45.5	268.4	33,100	55.0	276.3	27,700							140
150				2.1	191.9	33,500 *	23.5	234.0	34,700	38.2	257.0	29,800	48.9	268.3	24,800							150
160										29.5	241.7	26,900	42.1	258.3	22,300	51.8	266.1	17,800				160
170										17.2	217.9	24,300	34.3	245.3	20,100	45.3	257.1	15,900				170
180													24.3	227.0	18,100	38.1	245.6	14,200	48.0	253.5	10,400	180
190													2.9	183.5	16,100	29.3	230.2	12,700	41.1	243.1	9,200	190
200																16.8	206.0	11,200	33.1	229.6	8,000	200
210																			22.7	210.2	6,900	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	88,400																80
85	57.6	299.1	70,600 *	65.6	306.5	81,600																85
90	54.9	295.7	65,700 *	63.1	304.1	75,700	67.7	307.0	70,200													90
95	52.1	291.9	60,800 *	60.6	301.3	70,400	65.3	304.8	65,300													95
100	49.3	287.8	56,500 *	58.0	298.3	65,800	62.8	302.3	61,000													100
105	46.3	283.1	52,600 *	55.4	294.9	61,700	60.3	299.5	57,100													105
110	43.1	278.0	49,200 *	52.6	291.2	57,900	57.7	296.5	53,600													110
115	39.7	272.2	46,100 *	49.8	287.1	54,500	55.0	293.1	50,400													115
120	36.1	265.6	43,300 *	46.8	282.6	51,500	52.3	289.3	47,500	60.5	296.3	41,000										120
130	27.6	249.2	38,500 *	40.3	271.9	46,100	46.4	280.6	42,500	55.3	289.9	36,500										130
140	15.2	222.9	34,200 *	32.8	258.1	41,200 *	39.9	269.7	38,200	49.7	282.0	32,700	58.0	288.4	27,300							140
150				23.2	238.8	36,700 *	32.3	255.7	34,500	43.6	272.4	29,500	52.6	281.4	24,500							150
160				2.0	192.0	29,900 *	22.6	236.0	31,300	36.7	260.3	26,600	46.8	272.7	22,000							160
170										28.3	244.3	24,100	40.3	262.0	19,800	49.6	270.8	15,600				170
180										16.5	219.3	21,800	32.8	248.2	17,900	43.4	261.1	13,900				180
190													23.3	229.0	16,100	36.5	248.9	12,400	46.0	257.8	8,800	190
200													2.7	183.7	14,300	28.1	232.7	11,000	39.4	246.8	7,700	200
210																16.1	207.4	9,700	31.8	232.5	6,600	210
220																			21.8	212.2	5,600	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	87,700																80
85	60.1	310.9	68,200 *	67.4	317.5	81,000																85
90	57.7	307.8	64,400 *	65.2	315.2	75,000																90
95	55.3	304.4	60,600 *	62.9	312.8	69,800	67.2	315.8	64,600													95
100	52.7	300.7	56,500 *	60.5	310.0	65,200	64.9	313.5	60,200													100
105	50.1	296.7	52,600 *	58.2	307.0	61,000	62.6	311.0	56,400													105
110	47.3	292.2	49,100 *	55.7	303.7	57,300	60.3	308.2	52,900													110
115	44.5	287.3	46,000 *	53.2	300.0	53,900	57.9	305.1	49,700													115
120	41.4	281.8	43,200 *	50.5	296.0	50,900	55.4	301.8	46,900	62.8	307.7	40,200										120
130	34.7	268.8	38,300 *	45.0	286.8	45,500	50.2	294.0	41,800	58.1	301.9	35,800										130
140	26.6	251.5	34,100 *	38.8	275.4	41,000 *	44.6	284.7	37,600	53.1	294.9	32,000										140
150	14.6	224.1	30,400 *	31.6	260.9	36,500 *	38.4	273.2	33,900	47.8	286.5	28,800	55.7	293.8	23,700							150
160				22.4	240.8	32,600 *	31.1	258.5	30,700	41.9	276.3	25,900	50.6	286.1	21,200							160
170				1.9	192.1	26,600 *	21.7	237.9	27,900	35.3	263.5	23,500	45.0	276.9	19,100	53.0	283.7	14,700				170
180										27.3	246.7	21,300	38.8	265.5	17,100	47.6	275.2	13,100				180
190										15.8	220.6	19,200	31.6	251.1	15,400	41.8	264.9	11,600				190
200													22.4	231.0	13,800	35.1	252.1	10,300	44.2	261.9	6,800	200
210													2.6	183.9	12,200	27.1	235.1	9,100	37.9	250.2	5,800	210
220																15.5	208.7	7,900	30.6	235.2	4,900	220
230																			20.9	214.0	4,000	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	80,300													85
90	60.1	319.5	62,300 *	66.9	326.2	74,400													90
95	57.9	316.5	58,900 *	64.8	323.9	69,200													95
100	55.6	313.1	55,700 *	62.7	321.4	64,500	66.7	324.5	59,600										100
105	53.2	309.5	52,500 *	60.5	318.7	60,400	64.6	322.2	55,700										105
110	50.8	305.5	49,500 *	58.3	315.6	56,700	62.4	319.6	52,200										110
115	48.3	301.2	46,300 *	56.0	312.4	53,300	60.3	316.9	49,100										115
120	45.6	296.4	43,500 *	53.6	308.8	50,300	58.0	313.8	46,200										120
130	40.0	285.4	38,500 *	48.7	300.6	44,900	53.4	306.9	41,200	60.5	313.6	35,100							130
140	33.5	271.8	34,300 *	43.3	290.8	40,400	48.4	298.6	37,000	56.0	307.3	31,300							140
150	25.6	253.8	30,800 *	37.4	278.8	36,500	43.0	288.7	33,300	51.2	299.8	28,100							150
160	14.1	225.3	26,100 *	30.4	263.6	32,800 *	37.0	276.5	30,200	46.0	290.8	25,300	53.7	298.9	20,500				160
170				21.6	242.7	29,500 *	30.0	261.2	27,400	40.4	280.0	22,800	48.7	290.7	18,400				170
180				1.8	192.2	22,800 *	21.0	239.7	24,900	34.0	266.6	20,700	43.4	280.9	16,500	51.1	288.5	12,400	180
190										26.3	249.0	18,700	37.4	268.9	14,800	45.9	279.5	10,900	190
200										15.3	222.0	16,900	30.5	253.8	13,200	40.3	268.6	9,600	200
210													21.6	232.9	11,800	33.9	255.1	8,400	210
220													2.5	184.1	10,400	26.1	237.5	7,300	220
230																14.9	210.0	6,300	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	79,600													85
90	62.2	331.0	59,900 *	68.5	337.1	73,700													90
95	60.1	328.2	57,000 *	66.5	335.0	68,500													95
100	58.0	325.1	54,100 *	64.5	332.6	63,900													100
105	55.9	321.8	51,300 *	62.5	330.1	59,800	66.3	333.2	55,000										105
110	53.7	318.2	48,600 *	60.5	327.3	56,100	64.3	330.9	51,500										110
115	51.4	314.4	45,800 *	58.4	324.3	52,700	62.3	328.3	48,400										115
120	49.1	310.1	42,900 *	56.2	321.1	49,600	60.2	325.5	45,500										120
130	44.1	300.5	38,000 *	51.8	313.7	44,300	56.0	319.2	40,500	62.5	325.0	34,300							130
140	38.6	289.0	33,800 *	47.0	305.0	39,800	51.5	311.7	36,300	58.4	319.2	30,600							140
150	32.4	274.7	30,200 *	41.9	294.6	35,900	46.8	302.9	32,700	54.0	312.4	27,400							150
160	24.8	256.0	27,200 *	36.1	282.1	32,300 *	41.6	292.5	29,500	49.4	304.4	24,600	56.3	311.2	19,700				160
170	13.6	226.5	23,100 *	29.4	266.3	28,900 *	35.8	279.8	26,800	44.5	294.9	22,100	51.8	303.8	17,600				170
180				20.9	244.5	26,100 *	29.0	263.7	24,300	39.1	283.5	20,000	47.1	295.1	15,700				180
190				1.7	192.3	20,100 *	20.3	241.5	22,100	32.9	269.5	18,100	41.9	284.7	14,000	49.3	293.1	10,100	190
200										25.4	251.3	16,300	36.2	272.2	12,500	44.4	283.6	8,800	200
210										14.8	223.2	14,700	29.5	256.4	11,200	38.9	272.2	7,700	210
220													20.9	234.7	9,900	32.7	258.1	6,600	220
230													2.4	184.2	8,600	25.2	239.7	5,600	230
240																14.4	211.3	4,600	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	73,300													90
95	62.1	339.7	54,900 *	68.0	345.8	68,100													95
100	60.1	336.9	52,400 *	66.1	343.7	63,500													100
105	58.1	333.8	49,900 *	64.3	341.3	59,400	67.8	344.1	54,500										105
110	56.1	330.5	47,400 *	62.4	338.8	55,700	65.9	341.9	51,100										110
115	54.1	327.0	45,100 *	60.4	336.0	52,300	64.1	339.6	47,900										115
120	51.9	323.2	42,600 *	58.5	333.0	49,300	62.2	337.0	45,100										120
130	47.5	314.6	37,600 *	54.4	326.2	43,900	58.3	331.1	40,100										130
140	42.7	304.4	33,500 *	50.1	318.4	39,400	54.2	324.3	35,900	60.4	330.9	30,100							140
150	37.4	292.4	29,900 *	45.6	309.2	35,600	49.9	316.4	32,300	56.4	324.7	27,000							150
160	31.4	277.5	26,900 *	40.6	298.3	32,000 *	45.3	307.1	29,200	52.3	317.4	24,200							160
170	24.0	258.1	24,200 *	35.0	285.2	28,600 *	40.3	296.2	26,400	47.8	308.9	21,800	54.4	316.4	17,200				170
180	13.2	227.6	20,500 *	28.5	268.8	25,800 *	34.7	282.9	24,000	43.1	298.9	19,600	50.2	308.5	15,300				180
190				20.2	246.3	23,200 *	28.1	266.2	21,800	37.8	287.0	17,700	45.6	299.3	13,700	52.2	306.1	9,700	190
200				1.7	192.4	17,900 *	19.6	243.2	19,800	31.9	272.4	16,000	40.6	288.5	12,200	47.7	297.6	8,400	200
210										24.7	253.4	14,400	35.0	275.4	10,800	43.0	287.5	7,300	210
220										14.3	224.5	12,900	28.6	259.0	9,600	37.7	275.6	6,200	220
230													20.3	236.5	8,400	31.7	260.9	5,300	230
240													2.3	184.4	7,200	24.5	241.8	4,400	240





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	67,400													95
100	61.9	348.3	50,300 *	67.5	354.6	62,800													100
105	60.1	345.5	48,200 *	65.8	352.4	58,700													105
110	58.3	342.5	46,000 *	64.0	350.0	55,000	67.3	352.9	50,400										110
115	56.4	339.2	43,900 *	62.2	347.4	51,700	65.6	350.6	47,300										115
120	54.4	335.7	41,800 *	60.4	344.6	48,600	63.8	348.2	44,400										120
130	50.4	327.9	37,100 *	56.7	338.4	43,300	60.2	342.8	39,500										130
140	46.1	318.8	32,900 *	52.8	331.2	38,800	56.5	336.6	35,300	62.2	342.3	29,400							140
150	41.4	308.2	29,400 *	48.6	322.9	35,000	52.5	329.3	31,700	58.5	336.6	26,200							150
160	36.3	295.7	26,300 *	44.2	313.3	31,400 *	48.4	320.9	28,600	54.7	329.9	23,500							160
170	30.5	280.2	23,700 *	39.4	301.9	28,100 *	43.9	311.2	25,800	50.7	322.1	21,100	56.7	328.5	16,400				170
180	23.3	260.2	21,400 *	34.0	288.3	25,200 *	39.1	299.7	23,400	46.4	313.2	18,900	52.8	321.4	14,600				180
190	12.8	228.7	18,000 *	27.7	271.3	22,700 *	33.7	285.9	21,200	41.8	302.7	17,000	48.6	313.1	12,900				190
200				19.6	248.0	20,500 *	27.3	268.7	19,300	36.7	290.3	15,300	44.2	303.4	11,400	50.6	310.9	7,600	200
210				1.6	192.5	15,700 *	19.1	244.9	17,500	30.9	275.2	13,800	39.4	292.1	10,100	46.3	301.9	6,500	210
220										23.9	255.6	12,400	34.0	278.4	8,900	41.7	291.4	5,500	220
230										13.9	225.7	11,000	27.7	261.4	7,800	36.6	278.9	4,500	230
240													19.7	238.2	6,700				240
250													2.2	184.5	5,600				250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 180 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.9	373.2	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	58,100													105
110	60.1	354.2	44,400 *	65.5	361.1	54,400													110
115	58.3	351.2	42,600 *	63.8	358.7	51,100	67.0	361.6	46,600										115
120	56.6	347.9	40,700 *	62.1	356.1	48,100	65.3	359.3	43,800										120
130	52.8	340.7	37,100 *	58.6	350.3	42,800	61.9	354.3	38,900										130
140	48.9	332.5	32,800 *	55.0	343.7	38,300	58.4	348.5	34,700										140
150	44.8	323.0	29,200 *	51.2	336.1	34,400	54.8	341.8	31,100	60.4	348.2	25,600							150
160	40.3	311.9	26,100 *	47.2	327.3	31,100	51.0	334.1	28,000	56.8	342.0	22,800							160
170	35.3	298.8	23,400 *	42.9	317.2	27,900 *	47.0	325.3	25,300	53.1	334.9	20,400							170
180	29.6	282.9	21,000 *	38.3	305.4	25,000 *	42.7	315.1	22,900	49.2	326.8	18,300	55.0	333.8	13,900				180
190	22.7	262.2	18,900 *	33.0	291.3	22,400 *	38.0	303.2	20,700	45.1	317.4	16,500	51.3	326.2	12,300				190
200	12.5	229.8	15,800 *	26.9	273.7	20,200 *	32.7	288.9	18,800	40.6	306.4	14,800	47.3	317.5	10,800				200
210				19.1	249.7	18,200 *	26.6	271.0	17,000	35.7	293.5	13,200	43.0	307.4	9,500	49.1	315.5	5,800	210
220				1.5	192.6	13,700 *	18.6	246.5	15,400	30.1	277.8	11,800	38.3	295.5	8,300	45.0	306.0	4,800	220
230										23.3	257.6	10,500	33.1	281.4	7,200				230
240										13.5	226.8	9,300	27.0	263.8	6,200				240
250													19.1	239.9	5,200				250
260													2.2	184.7	4,200				260



# Liftcrane Luffing Jib Capacities

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

## 2250 SERIES 2

### 180 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	47,400	66.6	370.3	43,100							120
130	55.0	353.2	36,200 *	60.4	362.0	42,100	63.5	365.6	38,200							130
140	51.4	345.6	32,300 *	57.0	355.8	37,700	60.2	360.2	34,000							140
150	47.6	336.9	28,600 *	53.5	348.8	33,800	56.8	353.9	30,400	62.0	359.7	24,800				150
160	43.6	327.0	25,500 *	49.8	340.8	30,500	53.3	346.9	27,300	58.7	353.9	22,100				160
170	39.2	315.5	22,800 *	46.0	331.6	27,300 *	49.6	338.8	24,600	55.3	347.3	19,700				170
180	34.4	301.9	20,500 *	41.8	321.1	24,400 *	45.7	329.6	22,200	51.7	339.8	17,600	57.0	345.9	13,100	180
190	28.8	285.5	18,400 *	37.3	308.8	21,900 *	41.5	318.9	20,100	47.9	331.2	15,800	53.5	338.9	11,500	190
200	22.1	264.1	16,300 *	32.2	294.2	19,600 *	37.0	306.5	18,200	43.9	321.4	14,100	49.9	330.9	10,100	200
210	12.1	230.9	13,700 *	26.2	276.0	17,600 *	31.9	291.7	16,400	39.5	310.0	12,600	46.0	321.7	8,800	210
220				18.6	251.3	15,800 *	25.9	273.3	14,800	34.8	296.7	11,200	41.8	311.2	7,600	220
230				1.5	192.6	11,800 *	18.1	248.1	13,400	29.3	280.5	9,900	37.3	298.9	6,500	230
240										22.7	259.6	8,700	32.2	284.3	5,500	240
250										13.2	228.0	7,600	26.3	266.2	4,500	250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	108,100 b	66.8	260.9	100,900 c													70		
75	31.3	235.4	83,500 *	52.4	253.3	98,800 b	62.2	258.4	92,200 b													75		
80	21.8	224.9	76,300 *	46.9	248.9	90,900	57.4	255.4	84,800 b													80		
85				40.9	243.5	84,100	52.3	251.7	78,400 b													85		
90				34.0	236.7	78,000	46.9	247.3	72,800													90		
95				25.5	227.6	72,700	40.8	241.9	67,800	58.7	252.5	59,600 b										95		
100				12.0	211.9	67,800	33.9	235.1	63,400	53.7	249.0	55,700 b										100		
105							25.4	225.9	59,400	48.4	244.8	52,100										105		
110							11.7	210.1	55,600	42.5	239.7	49,000										110		
115										35.9	233.4	46,100	54.7	244.6	39,600 b							115		
120										27.9	225.0	43,400	49.4	240.5	37,300							120		
130													37.3	229.6	33,300							130		
140													19.3	210.1	29,700	44.2	229.6	24,800				140		
150																30.4	216.0	22,200				150		
160																					37.6	215.6	15,800	160
170																					20.0	196.6	14,000	170



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	107,500 b																70
75	41.8	252.5	84,500 *	57.8	265.7	98,200 b	65.9	269.6	91,500 b													75
80	36.0	246.1	77,100 *	53.4	262.1	90,400	61.9	267.1	84,100 b													80
85	29.2	238.0	70,700 *	48.7	257.9	83,600	57.7	264.1	77,700 b													85
90	20.3	226.7	65,200 *	43.7	253.0	77,600	53.3	260.5	72,100													90
95				38.1	247.0	72,300	48.7	256.3	67,200	63.0	264.1	58,700 b										95
100				31.7	239.6	67,600	43.6	251.4	62,800	58.9	261.2	54,900 b										100
105				23.7	229.7	63,300	38.0	245.4	58,900	54.5	257.8	51,400										105
110				11.1	212.8	59,400	31.6	237.9	55,300	50.0	253.8	48,300										110
115							23.6	228.0	52,100	45.0	249.0	45,400										115
120							10.9	210.9	49,000	39.6	243.4	42,800	55.4	253.3	36,500							120
130										26.0	227.3	38,200	46.0	244.9	32,500							130
140													34.7	232.7	29,100	51.3	243.3	23,900				140
150													18.0	211.7	26,100	41.2	233.4	21,400				150
160																28.3	218.5	19,200	46.3	230.8	14,900	160
170																			35.1	218.7	13,300	170
180																			18.6	198.2	11,700	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	97,700 b																75
80	44.2	261.9	77,200 *	58.0	274.3	89,800	65.3	278.3	83,500 b													80
85	39.3	256.1	70,900 *	54.2	270.9	83,100	61.7	275.7	77,100													85
90	33.9	249.2	65,400 *	50.1	266.9	77,100	58.0	272.7	71,600													90
95	27.5	240.4	60,500 *	45.7	262.2	71,900	54.1	269.3	66,700													95
100	19.1	228.3	56,300 *	41.0	256.8	67,200	50.0	265.2	62,300	62.7	272.7	54,200 b										100
105				35.8	250.3	63,000	45.7	260.6	58,400	59.0	269.8	50,700										105
110				29.8	242.3	59,200	41.0	255.1	54,900	55.2	266.5	47,600										110
115				22.3	231.6	55,800	35.7	248.6	51,700	51.2	262.6	44,800										115
120				10.4	213.7	52,500	29.7	240.6	48,800	46.9	258.2	42,300										120
130							10.2	211.8	43,500	37.2	246.8	37,800	51.9	258.3	31,900							130
140										24.5	229.5	33,900	43.2	248.9	28,500							140
150													32.6	235.6	25,600	48.1	247.8	20,800				150
160													16.9	213.1	23,000	38.7	236.9	18,600				160
170																26.6	220.8	16,700	43.5	234.8	12,600	170
180																			33.0	221.7	11,200	180
190																			17.5	199.7	9,800	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	97,000																75
80	49.9	275.7	76,300 *	61.6	286.0	89,200	67.9	289.3	82,700 b													80
85	45.9	271.1	70,700 *	58.2	283.0	82,400	64.8	287.0	76,400													85
90	41.8	265.7	65,200 *	54.8	279.6	76,500	61.5	284.4	70,800													90
95	37.2	259.5	60,400 *	51.1	275.7	71,300	58.2	281.4	66,000													95
100	32.0	252.0	56,100 *	47.3	271.3	66,600	54.7	278.0	61,600													100
105	26.0	242.7	52,300 *	43.2	266.2	62,500	51.1	274.1	57,700	62.4	281.4	49,900										105
110	18.1	229.9	48,900 *	38.8	260.3	58,700	47.3	269.7	54,300	59.1	278.5	46,800										110
115				33.9	253.3	55,300	43.2	264.6	51,100	55.7	275.2	44,000										115
120				28.2	244.8	52,200	38.7	258.7	48,200	52.1	271.5	41,500										120
130				9.8	214.5	46,600	28.1	243.1	43,100	44.3	262.3	37,100	56.3	270.7	31,000							130
140							9.6	212.6	38,600	35.2	250.0	33,300	49.1	262.9	27,700							140
150										23.2	231.5	29,900	40.8	252.6	24,900							150
160													30.9	238.4	22,400	45.5	252.1	17,800				160
170													16.0	214.5	20,100	36.6	240.3	15,900				170
180																25.2	223.1	14,200	41.1	238.6	10,300	180
190																			31.2	224.5	9,000	190
200																			16.6	201.1	7,800	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	88,500																80
85	50.8	284.6	69,300 *	61.4	294.6	81,800	67.2	298.0	75,600													85
90	47.4	280.1	64,800 *	58.4	291.7	75,900	64.3	295.7	70,100													90
95	43.7	275.1	60,600 *	55.3	288.3	70,700	61.4	293.1	65,300													95
100	39.7	269.4	56,600 *	52.0	284.5	66,000	58.4	290.1	61,000													100
105	35.4	262.7	53,000 *	48.6	280.3	61,900	55.2	286.7	57,100													105
110	30.5	254.8	49,700 *	45.0	275.5	58,200	52.0	282.9	53,600	62.2	290.1	46,100										110
115	24.7	244.9	46,900 *	41.1	270.0	54,800	48.5	278.7	50,500	59.2	287.2	43,300										115
120	17.2	231.4	44,100 *	36.9	263.7	51,700	44.9	273.9	47,600	56.1	283.9	40,800										120
130				26.8	247.1	46,300	36.8	262.0	42,600	49.5	276.1	36,400										130
140				9.4	215.3	41,400 *	26.8	245.5	38,300	42.1	266.2	32,600	53.5	275.8	27,000							140
150							9.2	213.3	34,500	33.5	253.0	29,400	46.6	267.3	24,200							150
160										22.0	233.4	26,500	38.8	256.2	21,800	50.4	265.7	17,000				160
170													29.4	241.0	19,600	43.2	256.1	15,200				170
180													15.2	215.8	17,600	34.8	243.4	13,600	46.8	253.2	9,600	180
190																24.0	225.2	12,000	39.1	242.2	8,300	190
200																			29.7	227.2	7,200	200
210																			15.8	202.4	6,100	210





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	87,800																80
85	54.7	297.2	67,400 *	64.0	306.0	81,100																85
90	51.7	293.4	63,200 *	61.3	303.3	75,200	66.6	306.7	69,400													90
95	48.5	289.1	59,300 *	58.5	300.3	70,000	64.0	304.4	64,500													95
100	45.2	284.3	55,600 *	55.7	297.0	65,400	61.3	301.7	60,200													100
105	41.7	279.0	52,100 *	52.7	293.3	61,300	58.5	298.7	56,400													105
110	37.9	272.8	48,900 *	49.6	289.2	57,600	55.6	295.4	52,900													110
115	33.8	265.7	46,000 *	46.4	284.6	54,200	52.7	291.7	49,800	62.0	298.7	42,500										115
120	29.1	257.4	43,300 *	42.9	279.4	51,200	49.6	287.6	46,900	59.3	295.8	40,000										120
130	16.4	232.8	38,800 *	35.2	266.9	45,800	42.9	277.8	42,000	53.5	289.0	35,600										130
140				25.6	249.4	41,200	35.2	265.2	37,700	47.2	280.6	31,900	57.0	288.1	26,100							140
150				8.9	216.0	36,600 *	25.6	247.7	34,000	40.2	269.9	28,700	51.0	280.7	23,400							150
160							8.7	214.1	30,700	32.0	255.8	25,900	44.5	271.4	21,000							160
170										21.1	235.3	23,400	37.1	259.6	18,800	48.1	270.2	14,300				170
180													28.1	243.5	16,900	41.3	259.9	12,700				180
190													14.5	217.0	15,200	33.3	246.4	11,300	44.7	257.3	7,500	190
200																22.9	227.2	10,000	37.3	245.5	6,400	200
210																			28.4	229.7	5,400	210
220																			15.0	203.7	4,400	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	80,700																85
90	55.1	306.0	61,600 *	63.7	314.6	74,800																90
95	52.3	302.2	58,000 *	61.2	312.0	69,700	66.1	315.5	64,100													95
100	49.5	298.1	54,500 *	58.6	309.0	65,100	63.7	313.0	59,800													100
105	46.5	293.5	51,300 *	56.0	305.7	61,000	61.2	310.4	56,000													105
110	43.3	288.3	48,200 *	53.3	302.1	57,300	58.6	307.4	52,600													110
115	40.0	282.6	45,400 *	50.5	298.1	53,900	56.0	304.1	49,500													115
120	36.4	276.1	42,800 *	47.5	293.7	50,900	53.3	300.5	46,600	61.9	307.4	39,600										120
130	27.9	259.8	38,100 *	41.1	283.2	45,500	47.5	292.1	41,700	56.7	301.3	35,200										130
140	15.8	234.2	34,400 *	33.8	269.9	41,000	41.1	281.6	37,400	51.2	293.9	31,600										140
150				24.6	251.6	37,100	33.8	268.3	33,800	45.2	284.8	28,400	54.5	293.3	23,000							150
160				8.6	216.7	32,800 *	24.5	249.9	30,600	38.6	273.4	25,600	48.9	285.3	20,600							160
170							8.4	214.7	27,700	30.7	258.6	23,200	42.6	275.3	18,500	52.0	283.3	14,000				170
180										20.2	237.0	21,000	35.6	262.8	16,700	46.1	274.5	12,400				180
190													26.9	245.9	15,000	39.6	263.5	11,000				190
200													13.9	218.2	13,400	31.9	249.3	9,700	42.8	261.3	6,100	200
210																22.0	229.1	8,500	35.8	248.8	5,100	210
220																			27.2	232.1	4,200	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	74,200													90
95	55.5	314.7	56,500 *	63.4	323.3	69,000	67.9	326.4	63,400										95
100	52.9	311.0	53,300 *	61.1	320.6	64,400	65.7	324.2	59,100										100
105	50.3	307.0	50,300 *	58.7	317.7	60,300	63.4	321.7	55,300										105
110	47.5	302.5	47,400 *	56.3	314.4	56,600	61.1	319.0	51,900										110
115	44.7	297.6	44,700 *	53.8	310.9	53,300	58.7	316.1	48,800										115
120	41.7	292.2	42,200 *	51.2	306.9	50,300	56.3	312.8	45,900										120
130	35.0	279.3	37,600 *	45.7	297.9	44,900	51.2	305.3	41,000	59.4	313.2	34,500							130
140	26.9	262.2	33,800 *	39.6	286.8	40,400	45.6	296.3	36,800	54.4	306.5	30,800							140
150	15.2	235.5	30,700 *	32.5	272.8	36,600	39.5	285.2	33,200	49.2	298.5	27,700	57.4	305.5	22,200				150
160				23.7	253.7	33,100 *	32.5	271.2	30,100	43.5	288.8	24,900	52.4	298.3	19,800				160
170				8.2	217.4	29,100 *	23.6	252.0	27,300	37.1	276.8	22,500	47.0	289.6	17,800				170
180							8.0	215.4	24,700	29.5	261.2	20,400	41.0	279.1	15,900	50.0	288.0	11,600	180
190										19.4	238.7	18,400	34.2	265.9	14,300	44.3	278.6	10,200	190
200													25.9	248.2	12,800	38.0	266.9	8,900	200
210													13.4	219.4	11,300	30.7	252.0	7,800	210
220																21.1	231.0	6,700	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	73,500													90
95	58.1	326.7	54,900 *	65.3	334.4	68,400													95
100	55.8	323.4	52,000 *	63.2	332.0	63,800	67.4	335.1	58,400										100
105	53.4	319.8	49,200 *	61.0	329.3	59,700	65.3	332.9	54,600										105
110	51.0	315.8	46,600 *	58.8	326.3	56,000	63.2	330.4	51,200										110
115	48.4	311.5	44,000 *	56.6	323.1	52,700	61.0	327.7	48,100										115
120	45.8	306.8	41,600 *	54.2	319.6	49,600	58.8	324.7	45,300										120
130	40.2	295.9	37,300 *	49.3	311.6	44,400	54.2	318.0	40,400	61.6	324.7	33,700							130
140	33.7	282.3	33,500 *	44.0	302.0	39,900	49.3	310.0	36,200	57.1	318.7	30,100							140
150	25.9	264.5	30,300 *	38.2	290.3	36,000	44.0	300.4	32,600	52.4	311.5	27,000							150
160	14.6	236.7	26,500 *	31.4	275.6	32,600	38.1	288.7	29,500	47.4	302.9	24,300	55.3	310.8	19,100				160
170				22.8	255.7	29,700	31.3	274.0	26,800	41.9	292.6	21,900	50.5	303.1	17,100				170
180				7.9	218.0	25,000 *	22.8	254.0	24,300	35.8	280.0	19,800	45.3	293.8	15,200				180
190							7.8	216.1	22,000	28.5	263.8	17,800	39.5	282.7	13,600	48.1	292.5	9,500	190
200										18.8	240.4	16,100	33.0	268.8	12,100	42.7	282.5	8,200	200
210													25.0	250.4	10,800	36.7	270.3	7,100	210
220													12.9	220.5	9,500	29.6	254.7	6,100	220
230																20.4	232.8	5,100	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	67,700													95
100	58.2	335.4	50,400 *	65.0	343.1	63,100													100
105	56.0	332.1	47,900 *	63.0	340.7	59,000	67.0	343.8	53,900										105
110	53.8	328.5	45,500 *	61.0	337.9	55,400	65.0	341.6	50,500										110
115	51.6	324.6	43,100 *	58.9	335.0	52,000	63.0	339.1	47,400										115
120	49.2	320.4	40,900 *	56.8	331.8	49,000	61.0	336.4	44,600										120
130	44.3	310.9	36,800 *	52.4	324.6	43,700	56.8	330.2	39,700										130
140	38.8	299.4	33,100 *	47.6	316.0	39,300	52.3	323.0	35,500	59.4	330.5	29,300							140
150	32.6	285.3	29,900 *	42.5	305.9	35,400	47.6	314.4	32,000	55.2	323.9	26,200							150
160	25.1	266.8	27,300 *	36.9	293.7	32,100	42.5	304.3	28,900	50.6	316.3	23,500	57.7	322.8	18,300				160
170	14.2	238.0	23,400 *	30.3	278.4	29,100	36.9	292.0	26,100	45.8	307.2	21,200	53.4	315.8	16,300				170
180				22.1	257.6	26,400 *	30.3	276.7	23,700	40.5	296.3	19,100	48.7	307.6	14,500				180
190				7.7	218.7	22,100 *	22.0	255.9	21,500	34.6	283.1	17,200	43.7	297.9	12,900	51.3	305.7	8,600	190
200							7.5	216.7	19,500	27.6	266.2	15,500	38.2	286.2	11,400	46.5	296.9	7,400	200
210										18.1	241.9	13,900	31.9	271.7	10,100	41.3	286.3	6,300	210
220													24.2	252.6	8,900	35.5	273.5	5,300	220
230													12.5	221.5	7,700	28.6	257.2	4,400	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 190 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.9	363.9	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	62,700													100
105	58.3	344.0	46,500 *	64.7	351.8	58,600													105
110	56.3	340.8	44,300 *	62.8	349.3	55,000	66.6	352.6	50,000										110
115	54.2	337.2	42,200 *	60.9	346.6	51,600	64.7	350.3	47,000										115
120	52.1	333.4	40,100 *	59.0	343.7	48,600	62.8	347.7	44,200										120
130	47.7	324.9	36,300 *	54.9	337.0	43,400	58.9	342.1	39,300										130
140	42.9	314.8	32,800 *	50.7	329.3	38,900	54.9	335.4	35,100	61.4	342.0	28,900							140
150	37.6	302.8	29,700 *	46.1	320.3	35,100	50.6	327.7	31,600	57.5	336.0	25,800							150
160	31.6	288.1	27,000 *	41.2	309.7	31,800	46.1	318.7	28,500	53.4	329.0	23,100							160
170	24.3	268.9	24,300 *	35.7	296.9	28,800	41.2	308.1	25,800	49.0	320.9	20,800	55.9	328.2	15,900				170
180	13.7	239.1	20,800 *	29.4	281.0	26,100 *	35.7	295.3	23,400	44.4	311.3	18,700	51.6	320.7	14,100				180
190				21.4	259.5	23,500 *	29.4	279.3	21,300	39.3	299.9	16,800	47.2	312.0	12,500				190
200				7.4	219.3	19,700 *	21.4	257.8	19,300	33.5	286.1	15,200	42.4	301.8	11,100	49.7	310.4	7,000	200
210							7.3	217.3	17,500	26.7	268.6	13,600	37.0	289.6	9,800	45.0	301.1	6,000	210
220										17.6	243.5	12,200	30.9	274.5	8,600	40.0	290.0	5,000	220
230													23.4	254.6	7,500	34.4	276.6	4,100	230
240													12.1	222.6	6,400				240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 190 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.8	374.3	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	58,000													105
110	58.4	352.7	42,900 *	64.5	360.5	54,300	67.9	363.4	49,300										110
115	56.5	349.5	41,000 *	62.7	358.0	51,000	66.2	361.3	46,300										115
120	54.5	346.0	39,100 *	60.9	355.3	48,000	64.4	358.9	43,500										120
130	50.5	338.2	35,600 *	57.1	349.2	42,700	60.9	353.7	38,600										130
140	46.2	329.2	32,300 *	53.2	342.1	38,300	57.1	347.6	34,500										140
150	41.6	318.6	29,400 *	49.1	333.9	34,500	53.2	340.5	30,900	59.5	347.8	25,100							150
160	36.5	306.1	26,700 *	44.7	324.5	31,200	49.1	332.3	27,900	55.7	341.4	22,400							160
170	30.7	290.8	24,000 *	40.0	313.3	28,300	44.7	322.8	25,200	51.7	333.9	20,100	58.0	340.2	15,000				170
180	23.6	271.0	21,600 *	34.7	300.0	25,700	40.0	311.7	22,800	47.5	325.3	18,000	54.1	333.3	13,300				180
190	13.3	240.3	18,400 *	28.5	283.5	23,200 *	34.7	298.4	20,700	43.0	315.2	16,200	50.1	325.4	11,700				190
200				20.8	261.3	20,900 *	28.5	281.9	18,800	38.1	303.4	14,500	45.8	316.3	10,300	52.3	323.4	6,200	200
210				7.2	219.9	17,400 *	20.7	259.6	17,000	32.5	289.1	13,000	41.1	305.6	9,000	48.2	314.9	5,200	210
220							7.0	217.9	15,300	25.9	270.9	11,600	35.9	292.8	7,900	43.7	305.1	4,200	220
230										17.1	244.9	10,300	30.0	277.2	6,800				230
240													22.8	256.6	5,800				240
250													11.7	223.6	4,800				250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	53,700										110
115	58.5	361.4	39,800 *	64.2	369.2	50,400	67.5	372.2	45,600							115
120	56.7	358.1	38,100 *	62.5	366.7	47,400	65.9	370.0	42,800							120
130	53.0	351.0	34,900 *	59.1	361.0	42,200	62.5	365.1	38,000							130
140	49.1	342.8	31,800 *	55.5	354.5	37,700	59.1	359.4	33,900							140
150	44.9	333.3	29,100 *	51.7	347.0	33,900	55.5	352.9	30,300	61.3	359.4	24,400				150
160	40.4	322.3	26,200 *	47.7	338.4	30,600	51.7	345.4	27,300	57.8	353.4	21,800				160
170	35.5	309.3	23,500 *	43.5	328.5	27,700	47.7	336.8	24,600	54.1	346.5	19,400				170
180	29.8	293.5	21,100 *	38.9	316.9	25,200	43.5	326.9	22,200	50.3	338.6	17,400	56.3	345.6	12,600	180
190	23.0	273.0	19,000 *	33.7	303.1	22,700 *	38.8	315.3	20,100	46.2	329.6	15,500	52.6	338.3	11,100	190
200	12.9	241.4	16,100 *	27.8	286.0	20,400 *	33.7	301.4	18,200	41.8	319.1	13,900	48.7	330.0	9,700	200
210				20.2	263.1	18,400 *	27.7	284.3	16,500	37.0	306.8	12,400	44.5	320.4	8,400	210
220				7.0	220.5	15,200 *	20.2	261.4	14,900	31.6	291.9	11,100	39.9	309.2	7,200	220
230							6.8	218.4	13,400	25.2	273.1	9,800	34.9	296.0	6,200	230
240										16.6	246.4	8,600	29.2	279.8	5,200	240
250													22.1	258.6	4,300	250





# Liftcrane Luffing Jib Capacities

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

## 2250 SERIES 2

### 190 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	46,800	67.2	380.9	42,100							120
130	55.1	363.4	33,900 *	60.8	372.6	41,500	64.0	376.3	37,300							130
140	51.5	355.9	31,100 *	57.4	366.5	37,100	60.8	371.0	33,200							140
150	47.7	347.2	28,600 *	53.9	359.6	33,300	57.4	364.9	29,700	62.8	370.7	23,600				150
160	43.7	337.4	25,600 *	50.3	351.7	30,000	53.9	358.0	26,600	59.6	365.1	21,000				160
170	39.4	325.9	22,900 *	46.4	342.7	27,100	50.3	350.1	24,000	56.2	358.8	18,700				170
180	34.6	312.5	20,600 *	42.3	332.4	24,600	46.4	341.1	21,600	52.6	351.5	16,700				180
190	29.1	296.1	18,500 *	37.8	320.3	22,100 *	42.3	330.7	19,500	48.9	343.2	14,800	54.7	350.8	10,300	190
200	22.4	275.0	16,400 *	32.8	306.0	19,900 *	37.8	318.7	17,600	45.0	333.7	13,200	51.1	343.1	8,900	200
210	12.6	242.5	13,900 *	27.0	288.4	17,800 *	32.8	304.4	15,900	40.7	322.8	11,700	47.3	334.4	7,600	210
220				19.7	264.8	16,000 *	27.0	286.7	14,300	36.1	310.0	10,400	43.3	324.4	6,500	220
230				6.8	221.0	13,200 *	19.6	263.1	12,900	30.8	294.7	9,200	38.9	312.7	5,500	230
240							6.7	219.0	11,500	24.6	275.3	8,000	34.0	299.0	4,500	240
250										16.2	247.8	7,000				250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	107,100 b																70
75	31.9	246.0	84,700 *	53.7	264.2	97,900 b	63.8	269.2	90,800 b													75
80	22.6	235.8	77,300 *	48.3	260.0	90,100	59.1	266.3	83,500 b													80
85				42.4	254.9	83,300	54.1	262.9	77,200 b													85
90				35.8	248.5	77,300	48.8	258.8	71,600													90
95				27.8	240.1	72,000	43.0	253.8	66,700	61.2	263.7	57,800 b										95
100				16.4	227.1	67,200	36.5	247.5	62,400	56.3	260.6	54,000 b										100
105							28.6	239.3	58,400	51.2	256.8	50,600 b										105
110							17.7	227.0	54,800	45.6	252.2	47,500										110
115										39.5	246.5	44,700										115
120										32.3	239.3	42,100	53.1	252.8	35,500 b							120
130										4.8	207.5	37,300	41.8	243.3	31,600							130
140													26.8	228.0	28,300							140
150																49.1	242.8	22,900				150
160																36.8	231.6	20,400				160
170																18.4	211.6	18,200	44.0	230.2	13,800	170
																			30.1	216.5	12,200	



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	106,400 b																70
75	42.2	262.9	83,300 *	58.8	276.4	97,300 b	67.3	280.3	90,000 b													75
80	36.5	256.6	77,300 *	54.5	272.9	89,500	63.3	277.9	82,700 b													80
85	29.7	248.6	71,100 *	49.9	268.9	82,700	59.2	275.0	76,400 b													85
90	21.1	237.7	65,600 *	45.0	264.2	76,800	54.9	271.7	70,900													90
95				39.5	258.5	71,600	50.3	267.7	66,100													95
100				33.4	251.5	66,900	45.4	263.0	61,800	61.0	272.4	53,200 b										100
105				25.9	242.4	62,700	40.1	257.4	57,900	56.8	269.3	49,800										105
110				15.2	228.4	58,800	34.0	250.6	54,400	52.4	265.6	46,700										110
115							26.7	241.7	51,200	47.6	261.3	44,000										115
120							16.5	228.5	48,200	42.5	256.1	41,500										120
130										30.1	242.0	37,000	49.4	257.5	30,800							130
140										4.4	207.8	32,900	38.9	246.8	27,600							140
150													25.0	230.2	24,700	45.7	247.1	19,600				150
160																34.3	234.8	17,500				160
170																17.2	213.1	15,600	41.0	234.0	11,400	170
180																			28.0	219.0	10,000	180



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	96,700 b																75
80	44.5	272.2	75,300 *	58.9	285.0	88,900	66.5	289.0	82,100 b													80
85	39.7	266.5	70,100 *	55.1	281.7	82,200	63.0	286.5	75,800 b													85
90	34.3	259.7	65,300 *	51.1	277.8	76,300	59.3	283.7	70,300													90
95	27.9	251.1	60,900 *	46.8	273.3	71,100	55.5	280.4	65,500													95
100	19.8	239.4	56,600 *	42.2	268.1	66,500	51.5	276.6	61,200													100
105				37.1	261.9	62,400	47.2	272.1	57,400	60.9	281.0	49,100										105
110				31.4	254.3	58,600	42.7	267.0	53,900	57.2	278.0	46,100										110
115				24.3	244.5	55,200	37.6	260.9	50,800	53.3	274.4	43,400										115
120				14.3	229.6	52,000	31.9	253.5	47,900	49.1	270.2	40,900										120
130							15.5	229.8	42,800	39.9	259.8	36,500	54.7	270.3	30,100							130
140										28.3	244.5	32,700	46.3	261.8	26,900							140
150										4.1	208.1	29,300	36.5	250.2	24,200	51.7	260.6	18,900				150
160													23.5	232.2	21,700	42.9	251.1	16,900				160
170																32.2	237.7	15,100	48.0	248.5	10,700	170
180																16.1	214.5	13,400	38.5	237.5	9,400	180
190																			26.4	221.3	8,100	190



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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	96,000																75
80	50.1	286.0	73,200 *	62.4	296.6	88,300																80
85	46.2	281.4	68,400 *	59.1	293.7	81,600	65.9	297.7	75,000													85
90	42.1	276.1	63,800 *	55.6	290.4	75,700	62.7	295.2	69,600													90
95	37.5	270.0	59,700 *	52.0	286.6	70,500	59.4	292.3	64,800													95
100	32.4	262.6	55,900 *	48.3	282.4	65,900	55.9	289.1	60,500													100
105	26.4	253.5	52,400 *	44.3	277.4	61,800	52.4	285.4	56,700													105
110	18.7	241.0	49,200 *	39.9	271.8	58,100	48.6	281.1	53,300	60.8	289.7	45,300										110
115				35.1	265.1	54,700	44.6	276.3	50,200	57.5	286.6	42,600										115
120				29.7	257.0	51,700	40.3	270.7	47,300	54.0	283.1	40,100										120
130				13.5	230.7	46,200	30.2	256.2	42,300	46.4	274.6	35,800										130
140							14.7	231.0	38,000	37.7	263.2	32,100	51.6	275.2	26,100							140
150										26.8	246.9	28,900	43.8	265.9	23,400							150
160										3.8	208.4	25,800	34.6	253.3	21,000	48.8	265.2	16,000				160
170													22.2	234.2	18,900	40.6	254.8	14,300				170
180																30.5	240.4	12,700	45.3	252.7	8,500	180
190																15.3	215.8	11,200	36.4	240.8	7,300	190
200																			24.9	223.5	6,200	200



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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	87,600																80
85	51.1	294.9	66,600 *	62.2	305.2	80,900																85
90	47.6	290.5	62,300 *	59.1	302.4	75,100	65.3	306.4	68,900													90
95	43.9	285.5	58,400 *	56.0	299.1	69,900	62.4	303.9	64,100													95
100	40.0	279.8	54,700 *	52.8	295.4	65,300	59.4	301.0	59,800													100
105	35.7	273.2	51,300 *	49.4	291.3	61,200	56.3	297.8	56,000													105
110	30.8	265.4	48,300 *	45.9	286.6	57,500	53.1	294.1	52,600													110
115	25.2	255.7	45,500 *	42.1	281.3	54,200	49.7	290.1	49,500	60.8	298.4	41,800										115
120	17.8	242.5	43,200 *	38.0	275.2	51,100	46.2	285.5	46,700	57.7	295.3	39,400										120
130				28.2	259.5	45,800	38.4	274.2	41,800	51.2	288.0	35,100										130
140				12.9	231.8	41,100	28.7	258.7	37,600	44.1	278.7	31,400	55.7	287.7	25,400							140
150							14.0	232.2	33,800	35.9	266.5	28,300	49.0	279.8	22,700							150
160										25.5	249.2	25,500	41.6	269.7	20,300							160
170										3.6	208.6	22,900	32.9	256.2	18,300	46.4	269.5	13,500				170
180													21.1	236.0	16,400	38.6	258.3	12,000				180
190																29.0	243.0	10,600	43.1	256.7	6,600	190
200																14.5	217.0	9,300	34.7	244.0	5,600	200
210																			23.7	225.6	4,600	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	80,200													85
90	51.9	303.7	60,700 *	62.0	313.9	74,400	67.5	317.3	68,100										90
95	48.7	299.4	57,100 *	59.2	311.0	69,200	64.9	315.1	63,300										95
100	45.4	294.7	53,600 *	56.4	307.8	64,700	62.2	312.5	59,100										100
105	42.0	289.3	50,400 *	53.4	304.2	60,600	59.5	309.7	55,300										105
110	38.2	283.3	47,400 *	50.4	300.2	56,900	56.6	306.5	51,900										110
115	34.1	276.3	44,600 *	47.2	295.7	53,600	53.7	302.9	48,800										115
120	29.5	268.0	42,100 *	43.8	290.7	50,600	50.7	298.9	46,000	60.7	307.0	38,500							120
130	17.0	244.0	37,900 *	36.3	278.5	45,200	44.1	289.5	41,100	55.0	300.6	34,300							130
140				27.0	261.9	40,700	36.6	277.5	37,000	48.9	292.6	30,700							140
150				12.3	232.8	36,700	27.5	261.2	33,300	42.1	282.6	27,600	53.1	292.8	21,800				150
160							13.3	233.4	30,100	34.3	269.6	24,900	46.8	284.2	19,500				160
170										24.3	251.3	22,400	39.8	273.4	17,500	50.8	282.9	12,700	170
180										3.4	208.8	20,100	31.4	259.1	15,700	44.3	273.6	11,200	180
190													20.2	237.8	14,000	36.8	261.7	9,800	190
200																27.7	245.4	8,600	200
210																13.9	218.2	7,400	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	79,800													85
90	55.3	316.2	59,100 *	64.3	325.2	74,000													90
95	52.5	312.5	55,700 *	61.8	322.6	68,900	67.0	326.1	62,900										95
100	49.7	308.4	52,500 *	59.3	319.7	64,300	64.5	323.8	58,700										100
105	46.7	303.8	49,400 *	56.7	316.5	60,300	62.1	321.2	54,900										105
110	43.6	298.7	46,600 *	54.0	312.9	56,600	59.5	318.3	51,600										110
115	40.2	293.0	43,900 *	51.2	309.0	53,300	56.9	315.2	48,500										115
120	36.6	286.6	41,400 *	48.2	304.7	50,300	54.2	311.7	45,700										120
130	28.3	270.5	37,100 *	42.0	294.5	45,000	48.5	303.5	40,800	58.1	312.7	33,900							130
140	16.3	245.4	33,600 *	34.8	281.7	40,500	42.3	293.4	36,700	52.7	305.6	30,300							140
150				25.9	264.2	36,600	35.1	280.7	33,100	46.8	297.0	27,300	56.4	305.1	21,500				150
160				11.8	233.8	33,200	26.3	263.5	30,000	40.4	286.3	24,600	50.9	297.6	19,200				160
170							12.8	234.4	27,200	32.9	272.5	22,200	44.9	288.4	17,200				170
180										23.3	253.4	20,100	38.1	276.8	15,400	48.7	287.5	10,800	180
190										3.2	209.1	18,000	30.1	261.8	13,800	42.4	277.5	9,500	190
200													19.4	239.5	12,300	35.3	264.8	8,300	200
210																26.6	247.8	7,200	210
220																13.3	219.4	6,100	220





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	73,300													90
95	55.6	324.9	54,300 *	64.0	333.9	68,200													95
100	53.1	321.3	51,300 *	61.7	331.2	63,700	66.5	334.8	58,000										100
105	50.5	317.2	48,500 *	59.3	328.3	59,600	64.2	332.4	54,200										105
110	47.7	312.8	45,800 *	56.9	325.2	56,000	61.9	329.8	50,800										110
115	44.9	308.0	43,200 *	54.4	321.7	52,700	59.5	327.0	47,800										115
120	41.9	302.6	40,900 *	51.8	317.9	49,700	57.1	323.8	45,000										120
130	35.2	289.8	36,600 *	46.4	309.0	44,400	52.1	316.6	40,100	60.6	324.3	33,100							130
140	27.2	272.9	32,900 *	40.4	298.2	39,900	46.6	307.8	36,000	55.7	318.0	29,600							140
150	15.7	246.8	30,000 *	33.4	284.7	36,100	40.6	297.2	32,500	50.6	310.4	26,500							150
160				24.9	266.4	32,700	33.8	283.7	29,400	45.0	301.1	23,800	54.1	310.3	18,400				160
170				11.3	234.8	29,700	25.4	265.7	26,700	38.8	289.8	21,500	48.9	302.2	16,400				170
180							12.3	235.5	24,200	31.6	275.4	19,400	43.1	292.4	14,600	52.2	300.6	10,000	180
190										22.5	255.3	17,500	36.7	280.2	13,100	46.8	291.9	8,700	190
200										3.1	209.3	15,700	29.0	264.3	11,600	40.8	281.2	7,500	200
210													18.6	241.1	10,300	34.0	267.9	6,400	210
220																25.6	250.1	5,400	220
230																12.8	220.5	4,500	230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	72,700													90
95	58.2	336.9	52,600 *	65.9	344.9	67,600													95
100	55.9	333.6	49,900 *	63.7	342.5	63,000													100
105	53.6	330.0	47,300 *	61.6	339.9	59,000	66.1	343.5	53,500										105
110	51.1	326.1	44,800 *	59.4	337.0	55,300	63.9	341.1	50,200										110
115	48.6	321.8	42,400 *	57.1	333.8	52,000	61.8	338.5	47,100										115
120	46.0	317.1	40,200 *	54.8	330.4	49,000	59.6	335.6	44,300										120
130	40.4	306.3	36,100 *	49.9	322.6	43,800	55.0	329.1	39,500	62.7	335.8	32,400							130
140	34.0	292.8	32,500 *	44.7	313.2	39,400	50.2	321.3	35,400	58.3	330.0	28,900							140
150	26.2	275.3	29,500 *	38.9	301.8	35,500	45.0	312.0	31,900	53.7	323.1	25,800							150
160	15.2	248.1	26,800 *	32.3	287.6	32,200	39.2	300.7	28,800	48.8	314.9	23,200	56.9	322.5	17,600				160
170				24.0	268.5	29,300	32.6	286.7	26,100	43.4	305.2	20,900	52.1	315.2	15,700				170
180				10.9	235.7	26,300 *	24.5	267.9	23,700	37.5	293.2	18,800	47.1	306.6	13,900				180
190							11.9	236.5	21,500	30.5	278.1	17,000	41.6	296.2	12,400	50.3	305.3	7,900	190
200										21.7	257.2	15,300	35.4	283.4	11,000	45.1	296.1	6,800	200
210										3.0	209.5	13,600	28.0	266.8	9,700	39.3	284.8	5,700	210
220													18.0	242.7	8,500	32.8	270.9	4,800	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	66,900													95
100	58.3	345.6	48,400 *	65.5	353.6	62,400													100
105	56.2	342.3	46,000 *	63.5	351.2	58,300	67.6	354.4	52,800										105
110	54.0	338.8	43,700 *	61.5	348.6	54,700	65.7	352.2	49,400										110
115	51.7	334.9	41,500 *	59.4	345.7	51,400	63.7	349.8	46,400										115
120	49.4	330.7	39,400 *	57.3	342.5	48,400	61.7	347.2	43,600										120
130	44.5	321.2	35,500 *	52.9	335.4	43,200	57.5	341.2	38,800										130
140	39.0	309.8	32,100 *	48.2	327.1	38,700	53.1	334.1	34,700	60.5	341.7	28,100							140
150	32.9	295.8	29,100 *	43.2	317.2	34,900	48.5	325.9	31,200	56.3	335.4	25,000							150
160	25.4	277.5	26,500 *	37.6	305.2	31,600	43.4	316.0	28,200	51.8	328.0	22,400							160
170	14.7	249.4	23,700 *	31.2	290.4	28,700	37.9	304.2	25,500	47.1	319.3	20,100	54.9	327.8	14,900				170
180				23.2	270.5	26,100	31.5	289.5	23,100	41.9	309.0	18,100	50.4	320.0	13,200				180
190				10.6	236.6	23,300 *	23.7	270.0	21,000	36.2	296.5	16,300	45.5	310.8	11,600				190
200							11.5	237.5	19,000	29.5	280.7	14,600	40.2	299.8	10,200	48.6	309.9	6,000	200
210										21.0	259.1	13,100	34.2	286.4	9,000	43.6	300.1	4,900	210
220										2.9	209.7	11,600	27.1	269.2	7,800	38.0	288.3	4,000	220
230													17.4	244.2	6,800				230



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	61,900										100
105	58.4	354.2	44,600 *	65.2	362.3	57,900										105
110	56.4	351.0	42,600 *	63.3	359.9	54,300	67.2	363.2	49,000							110
115	54.4	347.5	40,500 *	61.4	357.2	51,000	65.4	360.9	46,000							115
120	52.2	343.7	38,600 *	59.4	354.3	48,000	63.5	358.5	43,200							120
130	47.8	335.2	35,000 *	55.4	347.8	42,800	59.6	353.0	38,400							130
140	43.1	325.2	31,700 *	51.2	340.3	38,400	55.6	346.5	34,300	62.4	353.1	27,600				140
150	37.8	313.3	28,700 *	46.7	331.4	34,600	51.4	339.0	30,800	58.5	347.3	24,600				150
160	31.8	298.7	26,200 *	41.8	321.0	31,300	46.9	330.2	27,800	54.5	340.6	22,000				160
170	24.6	279.7	24,000 *	36.4	308.5	28,400	42.1	319.9	25,200	50.2	332.8	19,800	57.2	339.9	14,400	170
180	14.2	250.6	21,200 *	30.2	293.1	25,900	36.7	307.5	22,800	45.6	323.6	17,700	53.1	332.8	12,800	180
190				22.5	272.5	23,500	30.5	292.2	20,700	40.6	312.7	15,900	48.7	324.5	11,200	190
200				10.2	237.5	20,800 *	22.9	272.0	18,800	35.1	299.7	14,300	44.1	314.9	9,900	200
210							11.1	238.4	17,000	28.6	283.3	12,800	38.9	303.4	8,600	210
220										20.3	260.8	11,500	33.1	289.4	7,500	220
230										2.8	209.9	10,100	26.2	271.6	6,500	230
240													16.9	245.6	5,500	240



# Liftcrane Luffing Jib Capacities

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

## 2250 SERIES 2

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	57,300										105
110	58.5	362.9	41,200 *	64.9	371.0	53,600										110
115	56.6	359.7	39,400 *	63.1	368.6	50,300	66.8	371.9	45,200							115
120	54.7	356.2	37,600 *	61.3	365.9	47,400	65.1	369.6	42,500							120
130	50.7	348.5	34,300 *	57.6	359.9	42,200	61.5	364.5	37,700							130
140	46.4	339.5	31,200 *	53.7	352.9	37,800	57.8	358.5	33,600							140
150	41.8	329.0	28,400 *	49.6	344.9	34,000	53.9	351.7	30,200	60.5	359.0	23,900				150
160	36.7	316.6	25,900 *	45.3	335.6	30,700	49.8	343.7	27,200	56.7	352.8	21,300				160
170	30.9	301.4	23,700 *	40.6	324.7	27,800	45.5	334.4	24,500	52.8	345.6	19,000				170
180	23.9	281.8	21,700 *	35.4	311.7	25,300	40.8	323.6	22,200	48.7	337.3	17,000	55.5	345.2	12,000	180
190	13.8	251.8	18,600 *	29.4	295.7	23,000	35.6	310.7	20,100	44.2	327.7	15,200	51.5	337.7	10,500	190
200				21.9	274.4	20,900	29.7	294.9	18,200	39.4	316.3	13,600	47.3	329.0	9,100	200
210				9.9	238.3	18,400 *	22.3	274.0	16,500	34.0	302.7	12,200	42.7	318.8	7,900	210
220							10.8	239.3	14,900	27.8	285.7	10,800	37.8	306.8	6,800	220
230										19.7	262.6	9,600	32.2	292.3	5,800	230
240										2.7	210.1	8,300	25.5	273.8	4,800	240



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	53,000										110
115	58.6	371.6	38,200 *	64.6	379.7	49,800										115
120	56.8	368.4	36,600 *	63.0	377.2	46,800	66.5	380.6	41,900							120
130	53.1	361.3	33,500 *	59.5	371.6	41,600	63.1	375.8	37,100							130
140	49.2	353.1	30,700 *	55.9	365.2	37,200	59.7	370.3	33,000							140
150	45.1	343.7	28,000 *	52.2	357.9	33,400	56.1	363.9	29,600	62.2	370.4	23,200				150
160	40.6	332.7	25,700 *	48.2	349.4	30,200	52.4	356.6	26,600	58.7	364.7	20,600				160
170	35.7	319.8	23,500 *	44.0	339.7	27,300	48.4	348.2	23,900	55.1	358.0	18,400				170
180	30.0	304.1	21,200 *	39.5	328.3	24,800	44.2	338.5	21,600	51.3	350.4	16,400	57.5	357.2	11,300	180
190	23.2	283.8	19,100 *	34.4	314.8	22,500	39.7	327.3	19,500	47.3	341.7	14,600	53.9	350.3	9,800	190
200	13.4	252.9	16,300 *	28.5	298.2	20,500	34.6	313.9	17,700	43.0	331.6	13,000	50.0	342.4	8,500	200
210				21.3	276.3	18,600 *	28.8	297.5	16,000	38.3	319.8	11,600	45.9	333.2	7,300	210
220				9.6	239.2	16,100 *	21.7	275.9	14,400	33.1	305.7	10,300	41.5	322.6	6,200	220
230							10.5	240.2	12,900	27.0	288.1	9,100	36.7	310.2	5,200	230
240										19.2	264.3	7,900	31.3	295.1	4,200	240
250										2.6	210.3	6,800				250



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	46,100	67.7	391.5	41,100							120
130	55.2	373.6	32,600 *	61.2	383.2	40,900	64.6	387.0	36,400							130
140	51.6	366.1	30,000 *	57.8	377.2	36,600	61.3	381.8	32,300							140
150	47.9	357.6	27,500 *	54.4	370.4	32,800	58.0	375.9	28,900							150
160	43.9	347.7	25,300 *	50.8	362.7	29,500	54.5	369.1	25,900	60.4	376.3	19,900				160
170	39.5	336.3	23,000 *	46.9	353.8	26,700	50.9	361.4	23,300	57.0	370.1	17,600				170
180	34.7	323.0	20,600 *	42.8	343.6	24,200	47.1	352.6	21,000	53.5	363.1	15,700				180
190	29.3	306.7	18,500 *	38.4	331.8	21,900	43.0	342.5	18,900	49.9	355.1	13,900	55.9	362.6	9,000	190
200	22.6	285.8	16,600 *	33.5	317.8	19,900	38.6	330.8	17,000	46.0	346.0	12,300	52.4	355.3	7,700	200
210	13.1	254.1	14,100 *	27.8	300.7	18,100 *	33.7	316.9	15,400	41.8	335.5	10,900	48.7	346.9	6,500	210
220				20.7	278.1	16,200 *	28.1	300.0	13,800	37.3	323.2	9,600	44.7	337.4	5,400	220
230				9.4	240.0	14,000 *	21.1	277.7	12,400	32.2	308.6	8,400	40.4	326.3	4,400	230
240							10.2	241.1	11,100	26.3	290.5	7,300				240
250										18.7	265.9	6,300				250
260										2.5	210.5	5,200				260



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	79,800													85
90	47.9	300.8	59,800 *	59.9	313.0	74,000	66.3	317.0	67,500										90
95	44.2	295.8	56,100 *	56.8	309.8	68,900	63.4	314.6	62,800										95
100	40.3	290.2	52,700 *	53.6	306.3	64,400	60.5	311.9	58,600										100
105	36.0	283.7	49,500 *	50.3	302.3	60,300	57.4	308.8	54,900										105
110	31.2	276.0	46,600 *	46.8	297.7	56,700	54.2	305.3	51,500										110
115	25.6	266.4	44,100 *	43.0	292.6	53,400	50.9	301.4	48,500	62.3	309.5	40,300							115
120	18.4	253.6	41,800 *	39.0	286.7	50,400	47.5	297.0	45,700	59.3	306.6	37,900							120
130				29.6	271.7	45,100	39.8	286.2	40,800	53.0	299.7	33,700							130
140				15.6	246.8	40,500	30.6	271.7	36,700	46.0	291.0	30,200	57.8	299.4	23,800				140
150							17.4	248.5	33,100	38.2	279.6	27,200	51.4	292.1	21,200				150
160										28.5	264.0	24,500	44.3	282.9	19,000				160
170										13.5	237.0	22,000	36.1	270.7	17,000	49.4	282.5	12,000	170
180													25.7	253.6	15,200	42.0	272.5	10,600	180
190													5.3	215.8	13,500	33.4	259.2	9,300	190
200																21.8	239.5	8,100	200





# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	79,100													85
90	52.1	314.0	58,200 *	62.6	324.5	73,300													90
95	49.0	309.7	54,800 *	59.9	321.7	68,300	65.8	325.7	62,000										95
100	45.7	305.0	51,500 *	57.1	318.5	63,700	63.2	323.3	57,800										100
105	42.2	299.7	48,500 *	54.2	315.0	59,700	60.4	320.5	54,100										105
110	38.5	293.7	45,700 *	51.1	311.1	56,100	57.6	317.5	50,800										110
115	34.4	286.8	43,100 *	48.0	306.8	52,800	54.7	314.0	47,800										115
120	29.8	278.6	40,700 *	44.6	301.9	49,800	51.7	310.2	45,000	62.1	318.1	37,100							120
130	17.6	255.2	36,700 *	37.2	290.1	44,600	45.3	301.2	40,200	56.5	312.1	32,900							130
140				28.3	274.2	40,100	38.0	289.7	36,100	50.5	304.5	29,400							140
150				14.9	248.1	36,100	29.3	274.3	32,500	44.0	295.0	26,400	55.1	304.7	20,400				150
160							16.7	250.0	29,400	36.5	283.0	23,800	49.0	296.8	18,200				160
170										27.2	266.5	21,500	42.3	286.8	16,200				170
180										12.9	238.1	19,300	34.5	273.9	14,500	47.1	286.9	9,700	180
190													24.6	255.8	12,900	40.1	276.1	8,400	190
200													5.0	216.2	11,300	31.9	262.1	7,300	200
210																20.9	241.3	6,200	210



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	73,000													90
95	52.7	322.7	53,500 *	62.4	333.2	67,900	67.8	336.7	61,600										95
100	49.9	318.7	50,500 *	59.9	330.3	63,400	65.4	334.4	57,400										100
105	46.9	314.1	47,600 *	57.3	327.2	59,400	62.9	332.0	53,700										105
110	43.8	309.1	44,900 *	54.6	323.8	55,700	60.4	329.2	50,400										110
115	40.5	303.4	42,400 *	51.9	320.0	52,500	57.8	326.1	47,400										115
120	36.9	297.1	40,100 *	49.0	315.7	49,500	55.2	322.8	44,700										120
130	28.6	281.2	35,900 *	42.8	305.8	44,300	49.5	314.9	39,900	59.4	323.9	32,600							130
140	16.9	256.6	32,600 *	35.7	293.3	39,900	43.4	305.2	35,800	54.1	317.2	29,100							140
150				27.1	276.6	36,000	36.5	293.0	32,300	48.4	309.0	26,100							150
160				14.3	249.3	32,600	28.1	276.8	29,200	42.1	298.9	23,500	52.8	309.7	17,800				160
170							16.0	251.4	26,500	35.0	286.1	21,200	47.0	301.1	15,900				170
180										26.1	268.8	19,100	40.5	290.5	14,200	51.1	300.2	9,300	180
190										12.3	239.2	17,200	33.1	276.8	12,700	45.2	291.1	8,100	190
200													23.6	257.8	11,300	38.5	279.7	7,000	200
210													4.8	216.6	9,800	30.6	264.8	6,000	210
220																20.0	243.1	5,000	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

New York City Code  
 Luffing Jib No. 133 or No. 133A On  
 Boom No. 44 With Heavy Lift Top  
 209,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	72,300													90
95	55.8	335.1	51,900 *	64.6	344.4	67,200													95
100	53.3	331.5	49,200 *	62.3	341.8	62,700	67.3	345.4	56,700										100
105	50.7	327.5	46,500 *	59.9	339.0	58,700	65.0	343.1	53,000										105
110	47.9	323.1	44,000 *	57.5	335.9	55,100	62.7	340.6	49,700										110
115	45.1	318.3	41,600 *	55.0	332.5	51,800	60.4	337.9	46,700										115
120	42.1	313.0	39,400 *	52.5	328.7	48,900	58.0	334.8	43,900										120
130	35.5	300.3	35,300 *	47.1	320.1	43,700	53.0	327.8	39,200	61.8	335.5	31,700							130
140	27.5	283.6	31,900 *	41.1	309.6	39,300	47.6	319.3	35,100	57.0	329.4	28,300							140
150	16.3	258.0	29,100 *	34.4	296.4	35,500	41.7	309.0	31,700	52.0	322.1	25,300							150
160				26.1	278.9	32,200	35.1	296.2	28,600	46.5	313.4	22,800	55.9	322.1	17,000				160
170				13.7	250.5	29,200	27.0	279.2	26,000	40.5	302.6	20,500	50.7	314.5	15,100				170
180							15.4	252.7	23,500	33.6	289.1	18,500	45.1	305.3	13,400				180
190										25.1	271.0	16,700	39.0	294.0	11,900	49.1	304.8	7,200	190
200										11.9	240.2	14,900	31.8	279.7	10,600	43.4	295.1	6,200	200
210													22.7	259.8	9,300	37.0	283.0	5,200	210
220													4.6	216.9	8,000	29.4	267.4	4,300	220



# Liftcrane Luffing Jib Capacities

## 2250 SERIES 2

**New York City Code  
Luffing Jib No. 133 or No. 133A On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	66,600													95
100	56.1	343.8	47,800 *	64.3	353.1	62,100													100
105	53.7	340.3	45,400 *	62.1	350.5	58,100	66.8	354.1	52,300										105
110	51.3	336.4	43,000 *	59.9	347.7	54,500	64.7	351.8	49,000										110
115	48.8	332.1	40,800 *	57.7	344.6	51,200	62.5	349.3	46,000										115
120	46.2	327.4	38,700 *	55.4	341.2	48,300	60.3	346.5	43,300										120
130	40.6	316.7	34,800 *	50.5	333.5	43,100	55.8	340.2	38,500										130
140	34.2	303.4	31,400 *	45.4	324.3	38,700	51.0	332.6	34,500	59.5	341.2	27,600							140
150	26.5	286.0	28,500 *	39.7	313.2	34,900	45.9	323.6	31,000	54.9	334.7	24,600							150
160	15.7	259.4	26,200 *	33.1	299.4	31,600	40.2	312.7	28,000	50.1	326.9	22,100							160
170				25.2	281.1	28,700	33.8	299.2	25,400	44.8	317.5	19,800	53.8	327.3	14,300				170
180				13.2	251.6	26,100	26.0	281.5	23,000	39.1	306.2	17,800	48.9	319.1	12,700				180
190							14.8	254.0	20,900	32.4	292.1	16,100	43.5	309.4	11,200	52.4	317.8	6,500	190
200										24.3	273.1	14,400	37.6	297.5	9,900	47.3	309.2	5,400	200
210										11.4	241.2	12,900	30.7	282.4	8,700	41.9	298.9	4,500	210
220													21.9	261.8	7,500				220
230													4.4	217.3	6,400				230