

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 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 2,600 Lb. minimum block weight.

Weight of fixed jib, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath luffing jib, intermediate fall or fixed 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 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. A05469**, Wire Rope Specification chart **No. 8523-A** and Luffing Jib Raising Procedure chart **No. 8524-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. 8525-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or

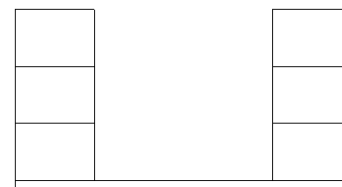
load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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 23 Ft. 10 in. crawlers, 48 in. treads, 23 Ft. live mast, 16 part boom hoist reeving, boom support straps, 6 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants, two 1-3/8 in. luffing jib backstays, rotating bed No. A01066¹ or No. A03188 (refer to I.D. plate at front of rotating bed), 98,500 Lb. crane counterweight and two 22,000 Lb. carbody counterweights.

¹WARNING: 1,250 Lb. front counterweight is required for cranes with rotating bed No. A01066 that do not have free-fall option. Counterweight can be removed only if crane has free-fall option on both front and rear drums.

Consult chart **No. 8532-A** for intermediate fall capacities. Consult chart **No. 8533-A** for fixed jib on luffing jib capacities. Chart **No. 8532-A** cannot be used when fixed jib No. 138A is attached to luffing jib No. 155.



98,500 Lb. Crane Counterweight
6 Side Boxes

Intermediate Fall Deduct

Deduct 1,500 Lbs. From Capacities
When Luffing Jib Is Equipped
With Intermediate Fall.

Deduct From Luffing Jib Capacities When Fixed Jib Is Attached

Fixed Jib Length	Fixed Jib No.138A
30 Ft.	2,300 Lbs.
40 Ft.	2,700 Lbs.
50 Ft.	3,100 Lbs.
60 Ft.	3,600 Lbs.



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60 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	63.3	119.6	90,000*b																35
40	57.8	116.8	83,500*b	61.3	118.4	88,300*b													40
45	52.0	113.2	73,800*	55.7	115.3	78,400b	61.5	117.7	76,300b										45
50	45.6	108.9	66,300*	49.7	111.5	68,500	55.9	114.7	66,700	61.6	116.5	64,900b							50
55	38.5	103.3	59,100*	43.1	106.7	60,700	49.9	110.9	59,100	56.0	113.5	57,500b							55
60	30.0	96.0	50,600*	35.5	100.6	54,300*	43.3	106.1	53,000	50.0	109.7	51,500	56.0	111.8	50,100b				60
65	18.3	84.8	38,200*	26.2	92.2	48,000*	35.8	100.1	47,900	43.4	105.0	46,600	50.0	108.1	45,300				65
70				11.3	77.5	34,400*	26.6	91.8	43,700	36.0	99.0	42,500	43.4	103.3	41,300	49.7	105.8	40,100	70
75							12.2	77.6	37,800*	26.8	90.8	38,900	35.9	97.3	37,800	43.1	101.1	36,700	75
80										12.6	76.8	35,800	26.7	89.1	34,800	35.6	95.0	33,900	80
85													12.4	75.0	32,200	26.3	86.6	31,300	85
90																11.5	72.0	29,000	90

60 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	67.3	130.6	90,000*b																35
40	62.8	128.3	82,500*b	65.7	129.5	85,700*b													40
45	58.1	125.4	74,600*	61.1	127.0	78,200b	65.8	128.8	76,100b										45
50	53.2	122.0	66,700*	56.3	124.0	68,400	61.3	126.4	66,500										50
55	47.9	117.9	59,100*	51.2	120.3	60,600	56.5	123.3	58,900	61.4	125.2	57,300b							55
60	42.1	112.9	53,000*	45.8	115.9	54,300	51.4	119.7	52,800	56.6	122.2	51,300							60
65	35.5	106.7	47,900*	39.7	110.5	49,100	46.0	115.3	47,800	51.5	118.6	46,400	56.5	120.5	45,100				65
70	27.7	98.6	40,600*	32.8	103.7	44,600*	40.0	109.9	43,500	46.1	114.2	42,300	51.5	116.9	41,100				70
75	16.9	86.4	31,300*	24.2	94.5	38,900*	33.1	103.2	39,900	40.1	108.8	38,800	46.0	112.5	37,600	51.3	114.6	36,500	75
80				10.5	78.5	28,600*	24.6	94.1	36,800	33.2	102.1	35,700	40.0	107.1	34,700	45.8	110.2	33,700	80
85							11.3	78.6	31,400*	24.8	93.1	33,100	33.2	100.4	32,100	39.8	104.8	31,200	85
90										11.6	77.9	30,700	24.7	91.4	29,800	32.9	98.0	28,900	90
95													11.5	76.1	27,800	24.3	88.9	27,000	95
100																10.7	73.0	25,200	100

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Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	70.3	141.3	84,500*b																35
40	66.4	139.3	79,800*b	68.9	140.4	82,900*b													40
45	62.5	136.9	73,600*	65.0	138.2	76,200*													45
50	58.4	134.1	66,800*	61.0	135.7	68,100	65.1	137.6	66,200										50
55	54.1	130.7	59,200*	56.8	132.7	60,300	61.1	135.0	58,600										55
60	49.5	126.8	52,900*	52.4	129.1	54,000	56.9	132.0	52,500	61.2	133.9	51,000							60
65	44.6	122.2	47,800*	47.7	124.9	48,900	52.5	128.5	47,500	57.0	130.9	46,100							65
70	39.2	116.6	43,500*	42.7	119.9	44,500	47.9	124.3	43,200	52.6	127.3	41,900	57.0	129.2	40,700				70
75	33.2	109.7	39,900*	37.1	114.0	40,800*	42.8	119.4	39,600	48.0	123.2	38,400	52.6	125.7	37,300				75
80	25.9	100.9	33,300*	30.6	106.5	37,500*	37.3	113.4	36,500	42.9	118.3	35,400	47.9	121.5	34,300	52.4	123.4	33,300	80
85	15.8	87.8	26,100*	22.6	96.5	32,100*	30.9	106.1	33,800	37.4	112.3	32,800	42.9	116.6	31,800	47.8	119.2	30,800	85
90				9.8	79.4	24,000*	23.0	96.2	31,400	31.0	105.0	30,500	37.4	110.7	29,500	42.7	114.3	28,600	90
95							10.5	79.6	26,400*	23.1	95.2	28,400	31.0	103.3	27,500	37.1	108.3	26,600	95
100										10.9	78.9	26,500	23.1	93.5	25,700	30.7	100.9	24,900	100
105													10.8	77.1	24,100	22.7	90.9	23,300	105
110																10.0	73.9	21,900	110

60 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	72.6	151.9	78,200*b																35
40	69.2	150.1	73,900*b	71.3	151.0	76,700*b													40
45	65.8	148.0	70,100*	67.9	149.1	72,700*													45
50	62.2	145.6	66,400*	64.4	146.9	67,900													50
55	58.5	142.8	59,300*	60.9	144.4	60,100	64.6	146.2	58,400										55
60	54.7	139.5	53,100*	57.1	141.3	53,800	61.0	143.7	52,300										60
65	50.7	135.7	47,800*	53.3	137.9	48,700	57.3	140.7	47,200	61.1	142.5	45,800							65
70	46.5	131.2	43,500*	49.2	133.9	44,300	53.4	137.2	43,000	57.3	139.5	41,700							70
75	41.9	126.1	39,900*	44.8	129.2	40,600	49.3	133.2	39,400	53.5	136.1	38,200	57.3	137.9	37,000				75
80	36.9	120.0	36,700*	40.1	123.7	37,400	45.0	128.6	36,300	49.4	132.1	35,200	53.5	134.4	34,100				80
85	31.2	112.6	33,600*	34.9	117.2	34,700	40.3	123.2	33,600	45.1	127.5	32,600	49.4	130.4	31,500				85
90	24.4	103.2	27,900*	28.8	109.2	32,200*	35.1	116.7	31,200	40.4	122.1	30,300	45.0	125.8	29,300	49.2	128.2	28,300	90
95	14.9	89.2	22,000*	21.3	98.5	27,000*	29.1	108.7	29,100	35.2	115.6	28,200	40.3	120.4	27,300	44.9	123.5	26,400	95
100				9.2	80.2	20,400*	21.6	98.2	27,200	29.2	107.7	26,400	35.1	113.9	25,500	40.2	118.1	24,700	100
105							9.9	80.5	22,500*	21.8	97.2	24,700	29.2	106.0	23,900	34.9	111.6	23,100	105
110										10.3	79.8	23,200	21.7	95.5	22,500	28.9	103.5	21,700	110
115													10.1	78.0	21,100	21.4	92.9	20,400	115
120																9.4	74.7	19,200	120



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555 SERIES 2

60 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	74.4	162.3	66,000*																35
40	71.4	160.7	64,200*																40
45	68.3	158.9	60,800*	70.2	159.8	62,900*													45
50	65.2	156.7	57,800*	67.2	157.9	59,800*													50
55	62.0	154.3	55,000*	64.0	155.6	56,800*	67.3	157.2	58,000										55
60	58.7	151.4	52,400*	60.8	153.0	53,600	64.1	154.9	51,900										60
65	55.3	148.2	48,700*	57.4	150.0	48,400	60.9	152.3	46,900										65
70	51.7	144.5	44,200*	54.0	146.6	44,000	57.6	149.4	42,700	60.9	151.2	41,300							70
75	48.0	140.2	40,300*	50.3	142.7	40,400	54.1	146.0	39,100	57.6	148.2	37,900							75
80	44.0	135.4	37,100*	46.5	138.3	37,200	50.5	142.1	36,000	54.2	144.8	34,900	57.6	146.5	33,700				80
85	39.7	129.8	34,300*	42.4	133.2	34,400	46.6	137.7	33,300	50.5	141.0	32,200	54.1	143.1	31,200				85
90	35.0	123.3	31,800*	38.0	127.3	32,000	42.6	132.6	30,900	46.7	136.6	29,900	50.5	139.3	28,900				90
95	29.6	115.3	28,400*	33.0	120.3	29,800	38.1	126.7	28,800	42.6	131.5	27,900	46.7	134.9	27,000	50.4	137.0	26,000	95
100	23.1	105.3	23,700*	27.3	111.7	27,900	33.2	119.8	27,000	38.2	125.6	26,100	42.6	129.8	25,200	46.5	132.6	24,300	100
105	14.2	90.4	18,800*	20.2	100.3	23,100*	27.6	111.2	25,300	33.3	118.7	24,400	38.2	123.9	23,600	42.4	127.5	22,800	105
110				8.8	81.0	17,400*	20.5	100.0	23,700	27.7	110.2	23,000	33.3	117.0	22,200	38.0	121.6	21,400	110
115							9.4	81.3	19,400*	20.7	99.1	21,600	27.6	108.5	20,900	33.1	114.6	20,100	115
120										9.7	80.7	20,300	20.6	97.3	19,700	27.4	106.0	19,000	120
125													9.6	78.8	18,500	20.3	94.7	17,900	125
130																8.9	75.6	16,900	130

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Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	75.8	172.6	63,600*																35
40	73.1	171.2	60,400*																40
45	70.4	169.6	57,200*	72.1	170.4	59,200*													45
50	67.6	167.7	54,300*	69.3	168.7	56,100*													50
55	64.7	165.4	51,600*	66.5	166.6	53,300*													55
60	61.8	162.9	49,000*	63.6	164.3	50,700*	66.6	165.9	51,800										60
65	58.8	160.1	46,700*	60.7	161.7	48,300*	63.7	163.6	46,800										65
70	55.7	156.9	44,400*	57.7	158.7	44,000	60.8	161.0	42,600										70
75	52.5	153.2	40,500*	54.5	155.3	40,300	57.8	158.0	39,000	60.9	159.8	37,800							75
80	49.1	149.2	37,100*	51.3	151.5	37,100	54.6	154.7	35,900	57.8	156.9	34,800							80
85	45.6	144.6	34,300*	47.8	147.3	34,300	51.4	150.9	33,300	54.7	153.5	32,200	57.8	155.2	31,100				85
90	41.8	139.3	31,800*	44.2	142.5	31,900	48.0	146.7	30,900	51.4	149.8	29,900	54.7	151.9	28,900				90
95	37.8	133.3	29,600*	40.3	137.0	29,800	44.4	141.9	28,800	48.0	145.6	27,800	51.4	148.1	26,900				95
100	33.3	126.3	27,600*	36.1	130.6	27,800	40.5	136.4	26,900	44.4	140.8	26,000	48.0	143.9	25,100	51.3	145.9	24,200	100
105	28.2	117.9	24,200*	31.5	123.2	26,100	36.3	130.1	25,200	40.6	135.3	24,400	44.4	139.1	23,500	47.9	141.6	22,700	105
110	22.0	107.2	20,400*	26.0	114.0	23,900*	31.6	122.7	23,700	36.4	129.0	22,900	40.5	133.6	22,100	44.3	136.8	21,300	110
115	13.5	91.7	16,200*	19.3	102.1	19,900*	26.3	113.6	22,300	31.7	121.6	21,600	36.4	127.3	20,800	40.4	131.3	20,100	115
120				8.4	81.7	15,100*	19.6	101.8	21,100	26.4	112.6	20,400	31.7	119.9	19,600	36.2	125.0	18,900	120
125							9.0	82.1	16,900*	19.7	100.8	19,200	26.3	110.9	18,500	31.5	117.5	17,900	125
130										9.3	81.5	18,200	19.7	99.1	17,500	26.1	108.4	16,900	130
135													9.2	79.7	16,600	19.3	96.5	16,000	135
140																8.5	76.3	15,100	140



Liftcrane Luffing Jib Capacities

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



555 SERIES 2

60 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	74.6	181.6	56,100*																40
45	72.1	180.1	53,300*																45
50	69.5	178.4	50,600*	71.1	179.3	52,300*													50
55	67.0	176.4	48,200*	68.6	177.4	49,800*													55
60	64.3	174.1	45,700*	66.0	175.4	47,300*													60
65	61.7	171.6	43,400*	63.3	173.0	44,900*	66.1	174.7	46,500										65
70	58.9	168.7	41,300*	60.6	170.3	42,700*	63.4	172.3	42,300										70
75	56.1	165.6	39,400*	57.9	167.4	40,000	60.7	169.7	38,700										75
80	53.2	162.0	37,100*	55.0	164.0	36,800	58.0	166.7	35,600	60.8	168.5	34,400							80
85	50.1	158.1	34,100*	52.0	160.3	34,100	55.1	163.4	32,900	58.0	165.6	31,800							85
90	46.9	153.6	31,600*	48.9	156.2	31,600	52.1	159.7	30,600	55.2	162.2	29,500	58.0	163.9	28,500				90
95	43.6	148.7	29,400*	45.7	151.6	29,500	49.0	155.6	28,500	52.2	158.6	27,500	55.1	160.6	26,500				95
100	40.0	143.1	27,500*	42.2	146.4	27,600	45.8	151.0	26,600	49.1	154.5	25,700	52.2	156.9	24,800				100
105	36.1	136.7	25,700*	38.6	140.5	25,800	42.4	145.9	25,000	45.9	149.9	24,100	49.1	152.8	23,200	52.1	154.7	22,300	105
110	31.8	129.2	24,000*	34.6	133.8	24,300	38.7	140.0	23,400	42.4	144.7	22,600	45.8	148.2	21,800	49.0	150.5	21,000	110
115	27.0	120.4	20,700*	30.1	125.9	22,900	34.7	133.3	22,100	38.8	138.9	21,300	42.4	143.1	20,500	45.7	145.9	19,700	115
120	21.1	109.2	17,400*	24.9	116.3	20,500*	30.3	125.4	20,800	34.8	132.2	20,100	38.7	137.2	19,300	42.3	140.8	18,600	120
125	12.9	92.8	13,800*	18.5	103.7	17,100*	25.1	115.9	19,700	30.3	124.4	18,900	34.8	130.5	18,200	38.6	134.9	17,500	125
130				8.0	82.4	12,900*	18.7	103.5	18,600	25.2	114.9	17,900	30.3	122.7	17,200	34.6	128.2	16,600	130
135							8.6	82.9	14,500*	18.9	102.5	16,900	25.2	113.2	16,300	30.1	120.3	15,700	135
140										8.9	82.3	16,000	18.8	100.8	15,400	25.0	110.7	14,800	140
145													8.8	80.4	14,600	18.5	98.1	14,100	145
150																8.1	77.0	13,300	150

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



60 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.8	192.0	51,900*																40
45	73.5	190.6	49,300*																45
50	71.2	189.0	46,900*	72.6	189.8	48,400*													50
55	68.8	187.2	44,600*	70.3	188.1	46,100*													55
60	66.4	185.1	42,500*	67.9	186.2	43,900*													60
65	64.0	182.8	40,400*	65.5	184.1	41,800*	68.0	185.5	43,600*										65
70	61.5	180.3	38,500*	63.1	181.7	39,800*	65.6	183.4	41,600*										70
75	59.0	177.4	36,700*	60.6	179.0	37,900*	63.2	181.0	38,500										75
80	56.4	174.2	34,900*	58.0	176.0	36,100*	60.7	178.3	35,400										80
85	53.7	170.7	33,300*	55.4	172.7	33,800	58.1	175.4	32,700	60.7	177.2	31,600							85
90	50.9	166.9	31,600*	52.7	169.1	31,400	55.5	172.1	30,300	58.2	174.2	29,300							90
95	48.0	162.6	29,400*	49.8	165.1	29,300	52.8	168.5	28,300	55.5	170.9	27,300							95
100	45.0	157.9	27,400*	46.9	160.7	27,300	49.9	164.5	26,400	52.8	167.3	25,400	55.5	169.3	24,500				100
105	41.8	152.6	25,600*	43.8	155.7	25,600	47.0	160.1	24,700	50.0	163.4	23,800	52.8	165.7	22,900				105
110	38.3	146.6	24,100*	40.5	150.2	24,100	43.9	155.1	23,200	47.1	158.9	22,400	50.0	161.7	21,500	52.7	163.4	20,700	110
115	34.6	139.9	22,600*	37.0	144.0	22,600	40.6	149.6	21,800	44.0	154.0	21,000	47.0	157.2	20,200	49.9	159.4	19,500	115
120	30.5	132.0	20,500*	33.2	136.8	21,400	37.1	143.4	20,600	40.7	148.5	19,800	43.9	152.3	19,100	46.9	155.0	18,300	120
125	25.9	122.7	17,700*	28.9	128.5	20,200	33.3	136.4	19,400	37.2	142.4	18,700	40.7	146.8	18,000	43.8	150.1	17,300	125
130	20.3	111.0	14,900*	23.9	118.5	17,600*	29.0	128.1	18,400	33.4	135.3	17,700	37.2	140.6	17,000	40.5	144.5	16,300	130
135	12.4	93.9	11,800*	17.7	105.3	14,700*	24.1	118.1	17,400	29.1	127.0	16,700	33.3	133.6	16,100	37.0	138.3	15,400	135
140				7.7	83.1	11,100*	18.0	105.1	16,200*	24.2	117.1	15,900	29.1	125.3	15,200	33.2	131.2	14,600	140
145							8.3	83.6	12,500*	18.1	104.2	15,000	24.2	115.4	14,400	28.9	122.9	13,800	145
150										8.5	83.1	13,900*	18.1	102.4	13,700	24.0	112.8	13,100	150
155													8.4	81.2	13,000	17.8	99.7	12,400	155
160																7.8	77.7	11,800	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

60 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.7	201.0	45,500*																45
50	72.6	199.5	43,300*																50
55	70.4	197.9	41,200*	71.8	198.7	42,400*													55
60	68.2	196.0	39,100*	69.6	196.9	40,400*													60
65	66.0	193.9	37,200*	67.4	195.0	38,400*													65
70	63.7	191.5	35,300*	65.2	192.8	36,500*	67.5	194.3	38,200*										70
75	61.4	188.9	33,500*	62.9	190.3	34,700*	65.2	192.1	36,400*										75
80	59.1	186.1	31,900*	60.6	187.6	33,000*	63.0	189.7	34,600*										80
85	56.7	182.9	30,300*	58.2	184.7	31,400*	60.6	187.0	32,400	63.0	188.5	31,200							85
90	54.2	179.5	28,800*	55.7	181.4	29,800*	58.3	184.0	30,000	60.7	185.8	28,900							90
95	51.6	175.7	27,400*	53.2	177.9	28,300*	55.8	180.8	27,900	58.3	182.9	26,900							95
100	48.9	171.5	26,100*	50.6	173.9	27,000*	53.3	177.2	26,100	55.9	179.6	25,100							100
105	46.2	167.0	24,900*	47.9	169.6	25,300	50.7	173.3	24,400	53.4	176.1	23,500	55.8	178.0	22,600				105
110	43.3	161.9	23,700*	45.1	164.9	23,800	48.0	169.0	22,900	50.8	172.2	22,000	53.3	174.4	21,200				110
115	40.2	156.3	22,400*	42.1	159.6	22,400	45.2	164.3	21,500	48.1	167.9	20,700	50.7	170.5	19,900				115
120	36.9	150.0	21,100*	39.0	153.8	21,100	42.2	159.1	20,300	45.3	163.2	19,500	48.0	166.2	18,700	50.6	168.3	18,000	120
125	33.3	142.9	19,900*	35.6	147.2	19,900	39.1	153.3	19,100	42.3	158.0	18,400	45.2	161.5	17,600	47.9	164.0	16,900	125
130	29.4	134.7	17,600*	31.9	139.8	18,800	35.7	146.7	18,100	39.2	152.2	17,400	42.3	156.3	16,700	45.1	159.2	16,000	130
135	24.9	125.0	15,100*	27.8	131.1	17,600*	32.1	139.3	17,100	35.8	145.6	16,400	39.1	150.5	15,800	42.2	154.0	15,100	135
140	19.5	112.7	12,700*	23.0	120.5	15,100*	28.0	130.6	16,200	32.1	138.2	15,600	35.8	143.9	14,900	39.0	148.1	14,300	140
145	12.0	95.0	10,000*	17.1	106.8	12,500*	23.2	120.2	15,400	28.0	129.6	14,800	32.1	136.5	14,100	35.6	141.6	13,500	145
150				7.4	83.8	9,300*	17.3	106.7	14,000*	23.3	119.2	14,000	28.0	127.9	13,400	32.0	134.1	12,800	150
155							8.0	84.3	10,700*	17.4	105.7	13,300	23.3	117.5	12,700	27.8	125.4	12,100	155
160										8.2	83.8	12,000*	17.4	104.0	12,100	23.1	114.9	11,500	160
165													8.1	81.9	11,400	17.1	101.3	10,900	165
170																7.5	78.4	10,300	170

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



60 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.7	211.4	42,200*																45
50	73.8	210.0	40,100*																50
55	71.8	208.4	38,100*	73.0	209.2	39,300*													55
60	69.7	206.7	36,100*	71.0	207.6	37,300*													60
65	67.7	204.7	34,300*	69.0	205.7	35,400*													65
70	65.6	202.6	32,500*	66.9	203.7	33,600*													70
75	63.5	200.2	30,800*	64.8	201.5	31,900*	67.0	203.0	33,500*										75
80	61.3	197.6	29,300*	62.7	199.0	30,300*	64.9	200.8	31,800*										80
85	59.1	194.7	27,700*	60.5	196.3	28,700*	62.8	198.3	30,200*										85
90	56.9	191.6	26,300*	58.3	193.4	27,200*	60.6	195.6	28,700*	62.8	197.2	28,800							90
95	54.6	188.2	25,000*	56.0	190.1	25,800*	58.4	192.7	27,200*	60.6	194.5	26,800							95
100	52.2	184.5	23,700*	53.7	186.6	24,500*	56.1	189.5	25,900*	58.4	191.6	25,000							100
105	49.7	180.4	22,500*	51.3	182.8	23,300*	53.8	186.0	24,300	56.1	188.3	23,400							105
110	47.2	176.0	21,300*	48.8	178.6	22,100*	51.4	182.1	22,800	53.8	184.8	21,900	56.1	186.7	21,100				110
115	44.5	171.1	20,200*	46.2	174.0	21,000*	48.9	178.0	21,400	51.4	181.0	20,600	53.8	183.1	19,800				115
120	41.7	165.8	19,200*	43.5	169.0	19,900*	46.3	173.4	20,200	48.9	176.8	19,400	51.4	179.3	18,600				120
125	38.8	159.9	18,300*	40.6	163.4	18,900*	43.6	168.4	19,000	46.3	172.3	18,300	48.9	175.2	17,500	51.3	177.1	16,800	125
130	35.6	153.3	17,400*	37.6	157.3	18,000*	40.7	162.9	18,000	43.6	167.3	17,300	46.3	170.6	16,600	48.8	172.9	15,900	130
135	32.2	145.9	16,600*	34.4	150.4	17,100*	37.7	156.7	17,000	40.8	161.8	16,300	43.6	165.6	15,600	46.2	168.3	15,000	135
140	28.4	137.3	15,200*	30.8	142.6	16,300*	34.5	149.9	16,100	37.8	155.6	15,500	40.8	160.1	14,800	43.5	163.3	14,200	140
145	24.1	127.1	13,100*	26.8	133.5	15,300*	30.9	142.1	15,300	34.5	148.8	14,700	37.8	154.0	14,000	40.7	157.8	13,400	145
150	18.8	114.4	11,000*	22.2	122.5	13,100*	27.0	133.1	14,500	31.0	141.0	13,900	34.5	147.1	13,300	37.6	151.6	12,700	150
155	11.5	96.0	8,600*	16.5	108.3	10,900*	22.4	122.2	13,800	27.1	132.0	13,200	31.0	139.3	12,600	34.4	144.7	12,000	155
160				7.2	84.4	8,000*	16.7	108.2	12,200*	22.5	121.2	12,600	27.0	130.3	12,000	30.8	136.9	11,400	160
165							7.7	85.0	9,300*	16.8	107.2	11,900	22.5	119.5	11,400	26.9	127.9	10,900	165
170										7.9	84.5	10,500*	16.8	105.5	10,800	22.3	116.9	10,300	170
175													7.9	82.6	10,300	16.5	102.7	9,800	175
180																7.3	79.1	9,300	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

60 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	75.2	220.6	32,700*																50
55	73.3	219.2	30,900*																55
60	71.4	217.6	29,300*	72.6	218.4	30,300*													60
65	69.5	215.9	27,700*	70.7	216.8	28,700*													65
70	67.6	213.9	26,200*	68.8	214.9	27,200*													70
75	65.7	211.7	24,800*	66.9	212.9	25,700*													75
80	63.7	209.4	23,500*	64.9	210.6	24,300*	66.9	212.2	25,600*										80
85	61.7	206.8	22,200*	62.9	208.2	23,000*	65.0	210.0	24,300*										85
90	59.6	204.0	21,000*	60.9	205.5	21,800*	63.0	207.5	23,000*										90
95	57.5	200.9	19,900*	58.8	202.6	20,600*	61.0	204.9	21,800*	63.0	206.4	22,800*							95
100	55.4	197.6	18,800*	56.7	199.5	19,500*	58.9	202.0	20,600*	61.0	203.7	21,700*							100
105	53.1	194.0	17,800*	54.5	196.1	18,500*	56.8	198.8	19,500*	58.9	200.8	20,500*							105
110	50.9	190.1	16,800*	52.3	192.4	17,500*	54.6	195.4	18,500*	56.8	197.7	19,500*							110
115	48.5	185.9	15,900*	50.0	188.3	16,500*	52.4	191.7	17,500*	54.7	194.3	18,400*	56.8	196.0	19,300*				115
120	46.1	181.3	15,100*	47.6	183.9	15,600*	50.1	187.7	16,500*	52.4	190.6	17,400*	54.6	192.6	18,300*				120
125	43.6	176.2	14,200*	45.2	179.2	14,800*	47.7	183.4	15,600*	50.1	186.6	16,500*	52.4	188.9	17,300				125
130	40.9	170.7	13,500*	42.6	174.0	14,000*	45.2	178.6	14,800*	47.8	182.2	15,600*	50.1	184.9	16,300	52.3	186.7	15,600	130
135	38.1	164.6	12,700*	39.9	168.3	13,200*	42.7	173.4	14,000*	45.3	177.5	14,800*	47.7	180.5	15,400	50.0	182.6	14,700	135
140	35.1	157.9	12,000*	37.0	162.0	12,500*	40.0	167.7	13,200*	42.7	172.3	14,000*	45.3	175.8	14,500	47.7	178.3	13,900	140
145	31.8	150.3	11,400*	33.9	154.9	11,800*	37.1	161.4	12,500*	40.0	166.6	13,200*	42.7	170.6	13,800	45.2	173.5	13,100	145
150	28.2	141.7	10,800*	30.5	147.0	11,200*	34.0	154.4	11,800*	37.1	160.4	12,500*	40.0	164.9	13,000	42.6	168.3	12,400	150
155	24.2	131.5	10,200*	26.8	137.9	10,600*	30.6	146.5	11,200*	34.1	153.4	11,800*	37.1	158.7	12,400	39.9	162.6	11,800	155
160	19.4	119.0	9,700*	22.5	126.9	10,000*	26.9	137.4	10,600*	30.7	145.5	11,200*	34.0	151.7	11,700	37.0	156.3	11,200	160
165	12.9	101.7	7,600*	17.2	113.1	9,600*	22.7	126.6	10,100*	27.0	136.4	10,600*	30.7	143.8	11,100	33.9	149.3	10,600	165
170				9.5	92.0	7,300*	17.4	112.9	9,600*	22.7	125.6	10,100*	27.0	134.7	10,600	30.6	141.4	10,000	170
175							9.8	92.3	8,500*	17.5	112.0	9,600*	22.7	123.9	10,000*	26.8	132.2	9,500	175
180										10.0	91.6	9,200*	17.5	110.2	9,500	22.5	121.3	9,000	180
185													10.0	89.8	9,000	17.3	107.5	8,600	185
190																9.5	86.6	8,100	190

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



70 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
35	63.7	129.7	90,000*b																35
40	58.2	127.0	81,400*b	62.2	128.8	89,300*b													40
45	52.4	123.5	72,400*b	56.7	125.8	78,300b	63.3	128.4	75,800b										45
50	46.1	119.2	65,200*	50.8	122.2	68,400	57.9	125.6	66,200b										50
55	39.0	113.7	59,400*	44.3	117.6	60,600	52.0	122.1	58,700b	58.9	124.8	56,800b							55
60	30.7	106.6	54,000*	36.9	111.8	54,400	45.7	117.7	52,600	53.2	121.4	50,900b							60
65	19.3	95.8	40,900*	28.0	103.9	49,100	38.6	112.2	47,600	46.9	117.2	46,000	54.1	120.1	44,500b				65
70				15.0	91.2	38,900*	30.1	104.9	43,400	40.0	112.0	41,900	48.0	116.1	40,500				70
75							18.4	93.8	39,700	31.8	105.1	38,400	41.2	111.0	37,100	48.7	114.2	35,900	75
80										21.1	95.0	35,400	33.3	104.4	34,200	42.0	109.3	33,000	80
85													23.1	95.1	31,700	34.3	102.9	30,600	85
90																24.6	94.1	28,400	90
95																6.9	76.3	26,400	95

70 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
35	67.7	140.7	89,900*b																35
40	63.2	138.4	82,100*b	66.5	139.9	86,700*b													40
45	58.5	135.6	72,700*	61.9	137.5	78,100b	67.4	139.4	75,600b										45
50	53.5	132.3	65,300*	57.2	134.5	68,200	62.9	137.1	66,000b										50
55	48.2	128.2	59,400*	52.1	131.0	60,500	58.2	134.3	58,500										55
60	42.5	123.3	54,500*	46.8	126.7	54,200	53.2	130.9	52,400	59.1	133.5	50,700							60
65	36.0	117.1	50,000	40.8	121.5	49,000	47.9	126.8	47,400	54.2	130.2	45,800							65
70	28.3	109.2	43,400*	34.1	114.9	44,700	42.1	121.8	43,200	48.9	126.2	41,700	55.0	128.8	40,300				70
75	17.9	97.5	33,600*	25.9	106.3	41,000	35.6	115.6	39,600	43.3	121.4	38,300	49.8	125.0	36,900				75
80				13.9	92.5	32,200*	27.8	107.5	36,500	36.9	115.5	35,300	44.2	120.3	34,000	50.5	123.1	32,800	80
85							17.1	95.4	33,800	29.4	107.8	32,700	38.0	114.6	31,500	44.9	118.5	30,400	85
90										19.5	96.8	30,300	30.7	107.3	29,300	38.8	112.9	28,200	90
95													21.4	97.1	27,300	31.7	105.9	26,300	95
100																22.7	96.1	24,600	100
105																6.4	76.9	23,000	105



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

70 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	70.6	151.4	83,900*b																35
40	66.7	149.5	79,700*b	69.5	150.7	83,100*b													40
45	62.8	147.1	73,400*	65.7	148.6	77,200*b													45
50	58.7	144.3	65,900*	61.7	146.1	67,900	66.5	148.2	65,700b										50
55	54.4	141.0	59,600*	57.5	143.2	60,200	62.5	145.8	58,200										55
60	49.8	137.1	54,600*	53.2	139.7	53,900	58.4	143.0	52,100										60
65	45.0	132.5	49,800	48.5	135.7	48,800	54.1	139.6	47,100	59.2	142.1	45,400							65
70	39.6	127.0	45,300	43.6	130.8	44,400	49.5	135.7	42,900	54.9	138.9	41,400							70
75	33.6	120.3	41,600	38.1	125.1	40,700	44.6	131.0	39,300	50.4	135.1	37,900	55.6	137.5	36,500				75
80	26.5	111.6	35,600*	31.8	117.9	37,500	39.3	125.5	36,200	45.6	130.6	34,900	51.2	133.8	33,700				80
85	16.7	99.0	28,000*	24.2	108.5	34,700	33.2	118.7	33,500	40.3	125.2	32,300	46.4	129.4	31,100	51.7	131.9	30,000	85
90				13.0	93.7	27,000*	26.0	109.9	31,200	34.4	118.7	30,100	41.2	124.2	28,900	47.0	127.6	27,800	90
95							16.0	96.8	29,000	27.5	110.3	28,000	35.4	117.9	27,000	41.9	122.5	25,900	95
100										18.3	98.5	26,200	28.7	109.9	25,200	36.2	116.3	24,300	100
105													20.0	98.9	23,600	29.6	108.6	22,700	105
110																21.2	98.1	21,300	110
115																6.0	77.4	20,000	115

70 Ft. Boom, 90 Ft. Luffing Jib

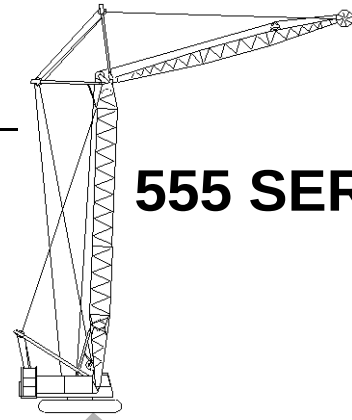
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	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	
35	72.8	161.9	77,800*b																35
40	69.4	160.2	73,700*b	71.9	161.2	76,800*b													40
45	66.0	158.2	69,900*	68.5	159.4	72,900*b													45
50	62.5	155.8	66,500*	65.1	157.3	67,700													50
55	58.8	153.0	60,200*	61.5	154.8	60,000	65.8	156.9	57,900										55
60	55.0	149.7	54,800	57.8	151.9	53,700	62.2	154.5	51,900										60
65	51.0	145.9	49,600	54.0	148.5	48,600	58.6	151.6	46,900	62.9	153.6	45,200							65
70	46.8	141.6	45,200	49.9	144.6	44,200	54.8	148.3	42,700	59.3	150.8	41,100							70
75	42.3	136.5	41,400	45.6	140.0	40,500	50.8	144.5	39,100	55.5	147.6	37,700							75
80	37.3	130.5	38,200	41.0	134.7	37,400	46.5	140.1	36,000	51.5	143.9	34,700	56.1	146.2	33,400				80
85	31.6	123.2	35,300	35.8	128.4	34,600	42.0	135.0	33,400	47.4	139.6	32,100	52.2	142.6	30,900				85
90	24.9	113.9	29,800*	30.0	120.7	32,100	37.0	128.9	31,000	42.9	134.6	29,800	48.0	138.4	28,700	52.7	140.7	27,600	90
95	15.8	100.4	23,700*	22.8	110.6	29,600*	31.3	121.6	28,900	37.9	128.8	27,800	43.6	133.6	26,700	48.6	136.6	25,700	95
100				12.2	94.8	22,900*	24.5	112.1	27,000	32.4	121.7	26,000	38.8	127.9	25,000	44.2	131.8	24,000	100
105							15.0	98.2	25,300	25.9	112.7	24,400	33.4	121.0	23,400	39.4	126.2	22,500	105
110										17.2	100.1	22,900				34.1	119.5	21,100	110
115													18.9	100.6	20,700	27.9	111.2	19,900	115
120																20.0	99.9	18,700	120
125																5.7	78.0	17,600	125

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



70 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	74.6	172.4	66,000*																35
40	71.6	170.9	63,900*																40
45	68.5	169.0	60,600*	70.8	170.1	63,100*													45
50	65.4	166.9	57,700*	67.7	168.2	60,000*													50
55	62.2	164.4	54,900*	64.6	166.0	57,100*													55
60	58.9	161.6	52,400*	61.3	163.4	53,400	65.2	165.6	51,500										60
65	55.5	158.4	49,300	58.0	160.5	48,300	62.0	163.1	46,500										65
70	52.0	154.7	44,900	54.6	157.2	43,900	58.7	160.3	42,300	62.6	162.2	40,800							70
75	48.2	150.6	41,100	51.0	153.4	40,300	55.3	157.1	38,800	59.4	159.5	37,300							75
80	44.3	145.8	37,900	47.2	149.1	37,100	51.7	153.4	35,700	56.0	156.3	34,400							80
85	40.0	140.2	35,100	43.1	144.1	34,300	48.0	149.1	33,000	52.4	152.7	31,800	56.5	154.9	30,500				85
90	35.3	133.8	32,600	38.8	138.3	31,900	44.0	144.3	30,700	48.7	148.6	29,500	53.0	151.4	28,300				90
95	30.0	125.9	30,400*	33.9	131.5	29,700	39.7	138.7	28,600	44.8	143.9	27,500	49.3	147.4	26,400				95
100	23.6	116.1	25,400*	28.4	123.3	27,800	35.0	132.2	26,700	40.6	138.4	25,700	45.4	142.7	24,600	49.8	145.5	23,600	100
105	15.0	101.8	20,200*	21.6	112.6	25,300*	29.6	124.3	25,100	35.9	132.1	24,100	41.3	137.4	23,100	45.9	140.9	22,100	105
110				11.6	95.8	19,700*	23.2	114.2	23,500	30.7	124.5	22,600	36.7	131.3	21,700	41.8	135.7	20,800	110
115							14.3	99.5	22,100	24.5	114.9	21,300	31.6	123.9	20,400	37.3	129.7	19,500	115
120										16.3	101.5	20,000	25.6	114.7	19,200	32.3	122.5	18,400	120
125													17.9	102.2	18,100	26.4	113.6	17,400	125
130																19.0	101.6	16,400	130
135																5.4	78.4	15,500	135



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

70 Ft. Boom, 110 Ft. Luffing Jib

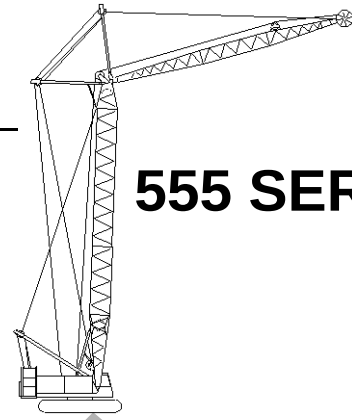
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	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	
35	76.0	182.7	63,100*																35
40	73.3	181.3	60,000*																40
45	70.6	179.7	57,000*	72.6	180.6	59,300*													45
50	67.8	177.8	54,100*	69.8	178.9	56,300*													50
55	64.9	175.6	51,500*	67.0	177.0	53,500*													55
60	62.0	173.1	49,000*	64.2	174.7	50,900*	67.6	176.5	51,400										60
65	59.0	170.3	46,700*	61.2	172.1	48,200	64.8	174.3	46,400										65
70	55.9	167.1	44,700*	58.2	169.2	43,900	61.8	171.8	42,300										70
75	52.7	163.5	41,100	55.1	165.9	40,200	58.8	168.9	38,700	62.4	170.9	37,200							75
80	49.4	159.5	37,900	51.8	162.2	37,000	55.7	165.7	35,600	59.4	168.1	34,300							80
85	45.9	154.9	35,000	48.4	158.0	34,300	52.5	162.1	33,000	56.3	165.0	31,700							85
90	42.1	149.7	32,600	44.9	153.3	31,800	49.2	158.1	30,600	53.1	161.4	29,400	56.8	163.6	28,200				90
95	38.1	143.8	30,400	41.0	147.9	29,700	45.6	153.5	28,500	49.8	157.5	27,400	53.7	160.1	26,300				95
100	33.6	136.9	28,400	36.9	141.8	27,800	41.9	148.2	26,700	46.3	153.0	25,600	50.4	156.2	24,600				100
105	28.6	128.6	26,000*	32.3	134.5	26,000	37.8	142.2	25,000	42.6	147.9	24,000	46.9	151.8	23,000	50.8	154.3	22,000	105
110	22.5	118.1	21,900*	27.1	125.7	24,500	33.3	135.2	23,500	38.6	142.0	22,600	43.2	146.8	21,600	47.3	150.0	20,700	110
115	14.3	103.1	17,500*	20.6	114.4	21,900*	28.2	126.9	22,100	34.2	135.3	21,200	39.3	141.1	20,300	43.7	145.1	19,500	115
120				11.1	96.8	17,100*	22.1	116.2	20,900	29.3	127.2	20,000	34.9	134.5	19,200	39.8	139.4	18,300	120
125							13.6	100.7	19,700	23.4	117.1	18,900	30.1	126.7	18,100	35.5	133.0	17,300	125
130										15.6	102.9	17,900	24.4	116.9	17,100	30.7	125.3	16,400	130
135													17.0	103.7	16,200	25.2	115.9	15,500	135
140																18.1	103.2	14,700	140
145																5.1	78.9	13,900	145

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



70 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	74.7	191.7	55,700*																40
45	72.2	190.2	53,000*																45
50	69.7	188.5	50,400*	71.6	189.5	52,300*													50
55	67.1	186.6	48,000*	69.0	187.7	49,800*													55
60	64.5	184.3	45,700*	66.4	185.7	47,500*													60
65	61.8	181.8	43,400*	63.8	183.4	45,200*	67.0	185.3	46,100										65
70	59.1	178.9	41,300*	61.1	180.8	43,000*	64.4	183.0	41,900										70
75	56.3	175.8	39,400*	58.4	177.9	39,900	61.7	180.5	38,400										75
80	53.4	172.3	37,600	55.5	174.6	36,700	58.9	177.6	35,300	62.2	179.6	33,900							80
85	50.3	168.3	34,800	52.6	171.0	34,000	56.1	174.4	32,700	59.5	176.8	31,300							85
90	47.1	163.9	32,300	49.5	166.9	31,600	53.2	170.9	30,300	56.6	173.7	29,100							90
95	43.8	159.0	30,100	46.3	162.4	29,400	50.1	166.9	28,200	53.7	170.2	27,100	57.1	172.3	25,900				95
100	40.2	153.5	28,100	42.9	157.3	27,500	46.9	162.5	26,400	50.7	166.3	25,300	54.2	168.9	24,200				100
105	36.4	147.1	26,400	39.2	151.6	25,800	43.6	157.6	24,700	47.6	162.0	23,700	51.2	165.0	22,700				105
110	32.1	139.8	24,800	35.3	145.0	24,200	40.0	152.0	23,200	44.2	157.1	22,200	48.1	160.8	21,300	51.6	163.1	20,300	110
115	27.3	131.1	22,200*	30.9	137.3	22,800	36.1	145.6	21,900	40.7	151.7	20,900	44.8	156.0	20,000	48.5	158.9	19,100	115
120	21.5	120.1	18,700*	25.9	128.1	21,500	31.9	138.2	20,600	36.9	145.5	19,700	41.3	150.7	18,800	45.2	154.2	18,000	120
125	13.6	104.3	15,000*	19.7	116.2	18,800*	27.0	129.3	19,500	32.7	138.3	18,600	37.5	144.6	17,800	41.7	149.0	17,000	125
130				10.6	97.7	14,700*	21.2	118.1	18,400	28.0	129.7	17,600	33.4	137.6	16,800	38.0	143.0	16,000	130
135							13.0	101.8	17,200*	22.4	119.1	16,700	28.8	129.3	15,900	33.9	136.1	15,100	135
140										14.9	104.2	15,800	23.3	119.1	15,100	29.4	128.0	14,300	140
145													16.3	105.2	14,300	24.1	118.0	13,600	145
150																17.3	104.8	12,900	150
155																4.9	79.3	12,200	155



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

70 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.9	202.1	51,500*																40
45	73.6	200.7	49,000*																45
50	71.3	199.1	46,700*	73.0	200.0	48,400*													50
55	69.0	197.3	44,500*	70.7	198.4	46,100*													55
60	66.6	195.3	42,400*	68.4	196.5	44,000*													60
65	64.2	193.0	40,400*	66.0	194.4	41,900*													65
70	61.7	190.4	38,500*	63.5	192.1	39,900*	66.5	194.0	41,700										70
75	59.2	187.6	36,700*	61.0	189.4	38,100*	64.0	191.7	38,100										75
80	56.6	184.5	34,900*	58.5	186.5	36,300*	61.6	189.1	35,100										80
85	53.9	181.0	33,400*	55.9	183.3	33,700	59.0	186.3	32,400	62.0	188.2	31,100							85
90	51.1	177.2	31,900*	53.2	179.7	31,300	56.4	183.1	30,100	59.5	185.4	28,800							90
95	48.2	172.9	29,900	50.3	175.8	29,200	53.7	179.6	28,000	56.9	182.3	26,800							95
100	45.2	168.2	27,900	47.4	171.4	27,300	50.9	175.8	26,100	54.2	178.9	25,000	57.3	180.9	23,900				100
105	42.0	163.0	26,200	44.4	166.6	25,500	48.0	171.5	24,500	51.5	175.1	23,400	54.7	177.6	22,400				105
110	38.6	157.1	24,600	41.1	161.2	24,000	45.0	166.8	23,000	48.6	170.9	22,000	51.9	173.8	21,000				110
115	34.9	150.4	23,200	37.6	155.1	22,600	41.8	161.5	21,600	45.6	166.3	20,700	49.1	169.7	19,700	52.3	171.9	18,800	115
120	30.8	142.6	21,800	33.9	148.1	21,300	38.4	155.5	20,400	42.4	161.1	19,500	46.1	165.1	18,600	49.4	167.8	17,700	120
125	26.2	133.4	19,100*	29.7	140.1	20,100	34.7	148.8	19,300	39.0	155.3	18,400	42.9	160.1	17,500	46.5	163.3	16,700	125
130	20.7	121.9	16,100*	24.9	130.3	19,000	30.6	141.0	18,200	35.4	148.7	17,400	39.6	154.4	16,600	43.3	158.3	15,800	130
135	13.1	105.4	12,900*	18.9	117.9	16,200*	25.9	131.7	17,200	31.4	141.1	16,400	36.0	147.9	15,700	40.0	152.7	14,900	135
140				10.2	98.6	12,600*	20.3	119.9	16,300	26.9	132.2	15,600	32.1	140.5	14,800	36.5	146.3	14,100	140
145							12.5	103.0	14,900*	21.5	121.0	14,800	27.6	131.8	14,100	32.6	139.1	13,400	145
150										14.3	105.5	14,000	22.4	121.1	13,300	28.2	130.5	12,700	150
155													15.7	106.6	12,600	23.1	120.1	12,000	155
160																16.6	106.3	11,400	160
165																4.7	79.7	10,800	165

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



70 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.8	211.1	45,200*																45
50	72.7	209.6	43,000*																50
55	70.6	208.0	41,000*	72.1	208.9	42,500*													55
60	68.4	206.1	39,000*	70.0	207.2	40,400*													60
65	66.1	204.0	37,100*	67.8	205.3	38,500*													65
70	63.9	201.7	35,300*	65.5	203.1	36,700*													70
75	61.6	199.1	33,500*	63.3	200.7	34,900*	66.0	202.7	36,800*										75
80	59.2	196.3	31,900*	61.0	198.1	33,200*	63.8	200.4	34,700										80
85	56.8	193.1	30,300*	58.6	195.2	31,600*	61.4	197.8	32,100										85
90	54.3	189.7	28,900*	56.2	192.0	30,000*	59.1	194.9	29,700	61.9	196.9	28,500							90
95	51.8	186.0	27,500*	53.7	188.5	28,500*	56.7	191.8	27,700	59.5	194.1	26,500							95
100	49.1	181.8	26,200*	51.1	184.6	27,000	54.2	188.4	25,800	57.1	191.0	24,700							100
105	46.4	177.3	25,000*	48.4	180.4	25,300	51.6	184.6	24,200	54.7	187.6	23,100	57.5	189.6	22,000				105
110	43.5	172.3	23,800*	45.6	175.7	23,700	49.0	180.4	22,700	52.1	183.9	21,700	55.1	186.3	20,600				110
115	40.4	166.7	22,700*	42.7	170.6	22,300	46.2	175.9	21,300	49.5	179.8	20,300	52.5	182.6	19,400				115
120	37.1	160.5	21,600	39.5	164.8	21,000	43.3	170.8	20,100	46.7	175.4	19,200	49.9	178.6	18,200	52.8	180.7	17,300	120
125	33.6	153.4	20,400	36.2	158.4	19,800	40.2	165.2	19,000	43.8	170.4	18,100	47.2	174.2	17,200	50.2	176.7	16,300	125
130	29.7	145.3	19,000*	32.6	151.1	18,800	36.9	158.9	17,900	40.8	164.9	17,100	44.3	169.3	16,200	47.5	172.3	15,400	130
135	25.3	135.7	16,400*	28.6	142.6	17,800	33.4	151.8	16,900	37.6	158.8	16,100	41.3	163.9	15,300	44.7	167.5	14,500	135
140	19.9	123.7	13,800*	23.9	132.5	16,600*	29.4	143.6	16,100	34.1	151.9	15,300	38.1	157.9	14,500	41.7	162.2	13,700	140
145	12.6	106.6	11,000*	18.2	119.5	13,900*	25.0	133.9	15,200	30.2	143.9	14,500	34.6	151.1	13,700	38.5	156.2	13,000	145
150				9.8	99.5	10,800*	19.6	121.7	14,400	25.9	134.5	13,700	30.9	143.3	13,000	35.1	149.6	12,300	150
155							12.0	104.1	12,900*	20.7	122.9	13,000	26.6	134.2	12,300	31.3	141.9	11,700	155
160										13.8	106.8	12,400	21.6	123.0	11,700	27.2	133.0	11,100	160
165													15.1	107.9	11,100	22.3	122.1	10,500	165
170																16.0	107.7	10,000	170
175																4.5	80.2	9,400	175



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

70 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.9	221.4	41,900*																45
50	73.9	220.1	39,900*																50
55	71.9	218.6	37,900*																55
60	69.9	216.8	36,000*	71.4	217.8	37,400*													60
65	67.8	214.9	34,200*	69.3	216.0	35,500*													65
70	65.7	212.7	32,500*	67.3	214.1	33,800*													70
75	63.6	210.4	30,800*	65.2	211.9	32,100*	67.7	213.6	33,800*										75
80	61.5	207.8	29,300*	63.1	209.4	30,500*	65.6	211.4	32,200*										80
85	59.3	204.9	27,800*	60.9	206.8	28,900*	63.5	209.1	30,600*										85
90	57.0	201.8	26,400*	58.7	203.9	27,400*	61.4	206.5	29,100*										90
95	54.7	198.4	25,000*	56.4	200.7	26,000*	59.2	203.6	27,600*	61.8	205.6	26,300							95
100	52.4	194.7	23,700*	54.1	197.2	24,700*	56.9	200.5	25,700	59.6	202.8	24,600							100
105	49.9	190.7	22,500*	51.7	193.4	23,500*	54.6	197.1	24,100	57.3	199.7	23,000							105
110	47.4	186.3	21,400*	49.2	189.3	22,300*	52.2	193.4	22,600	55.0	196.3	21,500	57.7	198.3	20,500				110
115	44.7	181.5	20,300*	46.7	184.8	21,200*	49.8	189.3	21,200	52.7	192.7	20,200	55.4	195.0	19,300				115
120	41.9	176.2	19,300*	44.0	179.8	20,100*	47.2	184.9	20,000	50.2	188.7	19,000	53.0	191.4	18,100				120
125	39.0	170.3	18,300*	41.1	174.4	19,100*	44.5	180.0	18,800	47.7	184.4	18,000	50.6	187.4	17,100				125
130	35.8	163.8	17,500*	38.1	168.4	18,100*	41.7	174.7	17,800	45.1	179.6	17,000	48.1	183.2	16,100	50.9	185.5	15,300	130
135	32.4	156.4	16,600*	34.9	161.6	17,300*	38.8	168.8	16,900	42.3	174.3	16,000	45.5	178.5	15,200	48.4	181.3	14,400	135
140	28.7	147.9	15,900*	31.5	154.0	16,400*	35.6	162.2	16,000	39.4	168.6	15,200	42.7	173.3	14,400	45.8	176.6	13,600	140
145	24.4	137.9	14,300*	27.6	145.1	15,700*	32.2	154.8	15,100	36.2	162.1	14,400	39.8	167.6	13,600	43.1	171.6	12,900	145
150	19.2	125.4	12,000*	23.1	134.6	14,500*	28.4	146.2	14,400	32.9	154.9	13,600	36.8	161.3	12,900	40.2	165.9	12,200	150
155	12.2	107.7	9,500*	17.6	121.1	12,100*	24.1	136.1	13,600	29.2	146.5	12,900	33.4	154.2	12,300	37.1	159.7	11,600	155
160				9.5	100.4	9,400*	18.9	123.4	13,000	25.0	136.8	12,300	29.8	146.0	11,600	33.9	152.7	11,000	160
165							11.6	105.1	11,300*	20.0	124.7	11,700	25.7	136.5	11,000	30.3	144.7	10,400	165
170										13.3	107.9	11,100	20.9	124.9	10,500	26.2	135.4	9,900	170
175													14.6	109.2	10,000	21.5	124.1	9,400	175
180																15.5	109.1	8,900	180
185																4.4	80.5	8,400	185

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



70 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	75.3	230.7	32,600*																50
55	73.4	229.3	30,900*																55
60	71.6	227.8	29,200*	72.9	228.7	30,400*													60
65	69.7	226.0	27,700*	71.1	227.0	28,800*													65
70	67.7	224.1	26,300*	69.1	225.2	27,300*													70
75	65.8	221.9	24,900*	67.2	223.2	25,900*													75
80	63.8	219.6	23,500*	65.3	221.0	24,500*	67.6	222.8	26,000*										80
85	61.8	217.0	22,300*	63.3	218.6	23,200*	65.7	220.6	24,700*										85
90	59.7	214.2	21,100*	61.3	216.0	22,000*	63.7	218.2	23,400*										90
95	57.7	211.1	20,000*	59.2	213.1	20,800*	61.7	215.7	22,200*										95
100	55.5	207.9	18,900*	57.1	210.0	19,700*	59.6	212.9	21,000*	62.1	214.8	22,200*							100
105	53.3	204.3	17,900*	54.9	206.6	18,600*	57.5	209.8	19,900*	60.0	212.0	21,100*							105
110	51.0	200.4	16,900*	52.7	203.0	17,600*	55.4	206.5	18,800*	57.9	209.0	20,000*							110
115	48.7	196.2	16,000*	50.4	199.0	16,700*	53.2	202.9	17,800*	55.8	205.7	18,900*							115
120	46.3	191.6	15,100*	48.1	194.7	15,800*	50.9	199.0	16,900*	53.6	202.2	17,900*	56.1	204.4	17,800				120
125	43.7	186.6	14,300*	45.6	190.0	14,900*	48.6	194.7	16,000*	51.3	198.4	17,000*	53.9	200.9	16,800				125
130	41.1	181.1	13,500*	43.0	184.9	14,100*	46.1	190.1	15,100*	49.0	194.2	16,100*	51.7	197.1	15,800				130
135	38.3	175.1	12,800*	40.3	179.3	13,300*	43.6	185.1	14,300*	46.6	189.6	15,200*	49.4	192.9	14,900	52.0	195.1	14,100	135
140	35.3	168.4	12,100*	37.5	173.1	12,600*	40.9	179.6	13,500*	44.1	184.7	14,400*	47.0	188.5	14,100	49.7	191.1	13,300	140
145	32.1	160.9	11,400*	34.4	166.2	11,900*	38.1	173.6	12,800*	41.4	179.3	13,600*	44.5	183.6	13,400	47.3	186.6	12,600	145
150	28.5	152.3	10,800*	31.1	158.4	11,300*	35.1	166.8	12,100*	38.6	173.3	12,900*	41.9	178.3	12,600	44.8	181.8	11,900	150
155	24.5	142.3	10,300*	27.5	149.5	10,700*	31.8	159.2	11,400*	35.7	166.7	12,200*	39.1	172.4	12,000	42.2	176.5	11,300	155
160	19.7	130.0	9,800*	23.3	139.0	10,100*	28.3	150.6	10,800*	32.5	159.4	11,500*	36.2	165.9	11,400	39.4	170.7	10,700	160
165	13.5	113.2	8,500*	18.2	125.8	9,700*	24.2	140.5	10,300*	29.0	150.9	10,900*	33.0	158.7	10,800	36.5	164.4	10,100	165
170				11.2	106.8	8,500*	19.4	128.0	9,800*	25.0	141.1	10,400*	29.6	150.4	10,200	33.4	157.2	9,600	170
175							13.0	110.8	9,400*	20.4	129.2	9,800*	25.7	140.9	9,700	30.0	149.1	9,100	175
180										14.4	113.2	9,400*	21.2	129.4	9,200	26.2	139.7	8,600	180
185										1.1	76.6	8,000*	15.5	114.3	8,700	21.8	128.5	8,200	185
190													5.8	87.8	8,300	16.3	114.0	7,800	190
195																7.7	90.5	7,300	195



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

80 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	64.0	139.9	90,000*b																35
40	58.6	137.2	80,500*b	63.2	139.2	90,000*b													40
45	52.8	133.8	71,700*b	57.7	136.4	78,000b	65.2	139.1	75,200b										45
50	46.5	129.5	64,700*	51.8	132.8	68,200	59.8	136.5	65,700b										50
55	39.5	124.2	59,200*	45.5	128.4	60,400	54.1	133.3	58,300b	61.8	135.9	56,100b							55
60	31.3	117.1	54,600*	38.3	122.8	54,200	48.0	129.2	52,200	56.2	132.9	50,300b							60
65	20.3	106.8	43,300*	29.8	115.4	49,000	41.1	124.2	47,200	50.2	129.2	45,500							65
70				17.9	104.1	42,900*	33.2	117.6	43,000	43.7	124.5	41,400	52.2	128.3	39,800				70
75							23.1	108.2	39,400	36.3	118.6	38,000	45.9	124.0	36,500				75
80										27.2	110.5	35,000	38.8	118.5	33,700	47.8	122.6	32,300	80
85										13.3	96.9	32,300	30.4	111.3	31,100	40.9	117.5	29,900	85
90													18.9	100.4	28,900	33.0	110.8	27,800	90
95																22.7	101.3	25,900	95

80 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	68.0	150.9	90,000*b																35
40	63.5	148.6	80,800*b	67.2	150.2	87,800*b													40
45	58.8	145.8	72,000*	62.7	147.9	77,800b													45
50	53.9	142.5	64,700*	58.0	145.0	68,000	64.5	147.8	65,500b										50
55	48.6	138.5	59,000*	53.0	141.6	60,300	59.8	145.2	58,100b										55
60	42.9	133.6	54,200*	47.7	137.5	54,000	55.0	142.0	52,000	61.5	144.6	50,000b							60
65	36.5	127.6	50,000	41.9	132.4	48,900	49.8	138.1	47,100	56.7	141.6	45,300							65
70	28.9	119.8	45,500	35.4	126.2	44,500	44.2	133.5	42,900	51.7	138.0	41,200							70
75	18.8	108.5	35,500*	27.5	118.0	40,800	38.0	127.7	39,300	46.3	133.7	37,800	53.4	137.1	36,300				75
80				16.6	105.6	35,400*	30.7	120.4	36,200	40.3	128.4	34,800	48.1	133.0	33,400				80
85							21.4	110.2	33,500	33.5	121.7	32,300	42.3	128.0	31,000	49.6	131.5	29,700	85
90										25.1	112.8	30,000	35.8	121.9	28,800	44.0	126.8	27,600	90
95										12.3	98.0	27,900	28.1	113.9	26,800	37.8	121.0	25,700	95
100													17.5	102.0	25,100	30.5	113.7	24,000	100
105																21.0	103.3	22,500	105

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	70.8	161.5	83,100*b																35
40	67.0	159.6	79,500*b	70.2	160.9	82,800*b													40
45	63.0	157.3	72,200*	66.4	158.9	77,500b													45
50	58.9	154.5	65,000*	62.4	156.6	67,700	67.8	158.8	65,100b										50
55	54.7	151.2	59,200*	58.3	153.7	60,000	63.9	156.5	57,700										55
60	50.1	147.4	54,200*	53.9	150.3	53,700	59.9	153.9	51,700										60
65	45.3	142.8	49,700	49.4	146.4	48,600	55.6	150.7	46,700	61.3	153.3	44,900							65
70	40.0	137.4	45,300	44.5	141.7	44,300	51.2	147.0	42,600	57.2	150.3	40,800							70
75	34.1	130.8	41,500	39.1	136.1	40,600	46.4	142.6	39,000	52.8	146.8	37,400							75
80	27.0	122.3	37,500*	33.0	129.2	37,400	41.2	137.4	35,900	48.1	142.7	34,500	54.2	145.8	33,000				80
85	17.6	110.1	29,600*	25.7	120.3	34,600	35.4	131.1	33,300	43.1	137.8	31,900	49.7	141.9	30,600				85
90				15.5	107.1	29,600*	28.7	123.1	30,900	37.6	131.9	29,700	44.8	137.3	28,400	51.0	140.3	27,200	90
95							20.0	112.0	28,800	31.3	124.6	27,600	39.5	131.8	26,500	46.2	135.9	25,300	95
100										23.5	114.9	25,800	33.4	125.0	24,700	41.0	130.7	23,700	100
105										11.5	99.1	24,200	26.2	116.3	23,200	35.2	124.3	22,200	105
110													16.4	103.5	21,800	28.5	116.3	20,800	110
115																19.7	105.1	19,600	115

80 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	73.0	172.1	77,000*b																35
40	69.7	170.4	73,200*b	72.5	171.5	76,700*b													40
45	66.2	168.3	69,600*	69.1	169.7	72,900*b													45
50	62.7	165.9	65,400*	65.7	167.7	67,500													50
55	59.1	163.2	59,400*	62.1	165.2	59,800	67.0	167.5	57,400										55
60	55.3	159.9	54,500*	58.5	162.4	53,500	63.5	165.2	51,400										60
65	51.3	156.2	49,500	54.6	159.1	48,400	59.9	162.5	46,500										65
70	47.1	151.9	45,100	50.6	155.2	44,100	56.1	159.4	42,300	61.2	161.9	40,600							70
75	42.6	146.9	41,400	46.4	150.8	40,400	52.2	155.8	38,800	57.5	159.0	37,200							75
80	37.6	140.9	38,100	41.8	145.7	37,200	48.0	151.6	35,700	53.6	155.5	34,200							80
85	32.1	133.8	35,300	36.8	139.6	34,500	43.6	146.7	33,100	49.6	151.6	31,700	54.9	154.5	30,300				85
90	25.5	124.7	31,500*	31.1	132.1	32,000	38.8	141.0	30,700	45.2	147.0	29,400	50.9	150.8	28,100				90
95	16.6	111.6	25,100*	24.2	122.6	29,900	33.3	134.1	28,700	40.6	141.6	27,400	46.7	146.4	26,200	52.1	149.1	25,000	95
100				14.6	108.4	25,200*	27.0	125.6	26,800	35.4	135.2	25,700	42.1	141.3	24,500	47.9	144.9	23,400	100
105							18.8	113.7	25,100	29.4	127.3	24,000	37.1	135.2	23,000	43.5	140.1	21,900	105
110										22.1	116.9	22,600	31.5	127.9	21,600	38.6	134.3	20,600	110
115										10.9	100.1	21,200	24.7	118.5	20,300	33.2	127.4	19,400	115
120													15.4	104.9	19,100	26.8	118.7	18,300	120
125																18.5	106.7	17,200	125



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

80 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	74.8	182.5	66,000*b																35
40	71.8	181.0	63,600*b																40
45	68.7	179.2	60,400*	71.3	180.4	63,200*													45
50	65.6	177.1	57,500*	68.2	178.5	60,100*													50
55	62.4	174.6	54,800*	65.1	176.4	57,200*													55
60	59.2	171.8	52,300*	61.9	173.9	53,200	66.3	176.2	51,100										60
65	55.8	168.6	49,300	58.6	171.0	48,100	63.1	173.9	46,100										65
70	52.2	165.0	44,800	55.2	167.8	43,800	59.9	171.2	42,000										70
75	48.5	160.9	41,100	51.6	164.1	40,100	56.5	168.1	38,400	61.1	170.6	36,800							75
80	44.5	156.1	37,900	47.9	159.8	36,900	53.0	164.5	35,400	57.7	167.6	33,900							80
85	40.3	150.6	35,000	43.9	155.0	34,200	49.3	160.5	32,700	54.3	164.3	31,300							85
90	35.6	144.2	32,600	39.6	149.4	31,800	45.4	155.9	30,400	50.7	160.4	29,100	55.4	163.2	27,700				90
95	30.4	136.6	30,400	34.8	142.8	29,600	41.3	150.6	28,300	46.9	156.0	27,100	51.9	159.6	25,800				95
100	24.1	126.8	26,800*	29.4	134.8	27,700	36.7	144.4	26,500	42.8	151.0	25,300	48.1	155.4	24,100	52.9	157.9	23,000	100
105	15.7	113.0	21,500*	22.9	124.7	25,900	31.6	137.1	24,800	38.4	145.2	23,700	44.1	150.6	22,600	49.2	153.9	21,500	105
110				13.9	109.6	21,600*	25.6	127.9	23,300	33.5	138.3	22,300	39.9	145.0	21,200	45.3	149.2	20,200	110
115							17.9	115.3	21,900	27.9	129.9	21,000	35.2	138.5	20,000	41.1	143.9	19,000	115
120										21.0	118.8	19,700	29.8	130.6	18,800	36.5	137.7	17,900	120
125										10.3	101.0	18,600	23.4	120.7	17,800	31.4	130.3	16,900	125
130													14.6	106.2	16,800	25.4	121.1	15,900	130
135																17.6	108.3	15,100	135

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	73.5	191.4	59,600*																40
45	70.7	189.8	56,800*	73.0	190.9	59,200*													45
50	68.0	187.9	54,000*	70.3	189.2	56,400*													50
55	65.1	185.8	51,400*	67.5	187.3	53,700*													55
60	62.2	183.3	49,000*	64.7	185.1	51,100*													60
65	59.2	180.5	46,700*	61.7	182.6	48,000	65.7	185.0	46,000										65
70	56.2	177.3	44,700*	58.7	179.7	43,700	62.9	182.6	41,900										70
75	53.0	173.8	41,000	55.6	176.5	40,000	59.9	179.8	38,400										75
80	49.6	169.8	37,800	52.4	172.8	36,900	56.8	176.7	35,300	61.0	179.3	33,800							80
85	46.1	165.2	35,000	49.1	168.7	34,100	53.7	173.3	32,700	57.9	176.3	31,200							85
90	42.4	160.1	32,500	45.5	164.1	31,700	50.4	169.4	30,300	54.8	173.0	29,000							90
95	38.3	154.2	30,300	41.7	158.9	29,600	46.9	165.0	28,300	51.6	169.2	27,000	55.8	171.9	25,800				95
100	33.9	147.4	28,400	37.7	152.9	27,700	43.2	160.0	26,400	48.2	165.0	25,200	52.6	168.3	24,100				100
105	28.9	139.2	26,600	33.2	145.8	25,900	39.3	154.3	24,800	44.6	160.3	23,700	49.3	164.3	22,500				105
110	23.0	128.9	23,100*	28.0	137.4	24,400	34.9	147.7	23,300	40.7	154.8	22,200	45.8	159.7	21,200	50.3	162.7	20,100	110
115	15.0	114.4	18,600*	21.9	126.6	23,000	30.1	139.8	21,900	36.5	148.6	20,900	42.0	154.5	19,900	46.8	158.3	18,900	115
120				13.2	110.8	18,800*	24.4	130.1	20,700	31.9	141.2	19,700	37.9	148.5	18,800	43.1	153.3	17,800	120
125							17.0	116.9	19,500	26.6	132.3	18,600	33.5	141.6	17,700	39.1	147.6	16,800	125
130										20.0	120.7	17,600	28.4	133.2	16,800	34.8	140.9	15,900	130
135										9.8	101.9	16,700	22.3	122.7	15,900	29.9	133.0	15,000	135
140													14.0	107.4	15,000	24.2	123.2	14,200	140
145																16.7	109.8	13,500	145



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

80 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	74.9	201.8	55,300*																40
45	72.4	200.4	52,600*																45
50	69.9	198.6	50,200*	72.0	199.8	52,300*													50
55	67.3	196.7	47,800*	69.5	198.0	49,900*													55
60	64.7	194.5	45,600*	66.9	196.0	47,600*													60
65	62.0	192.0	43,400*	64.3	193.8	45,400*	67.9	195.8	45,700										65
70	59.3	189.1	41,400*	61.6	191.2	43,200*	65.3	193.7	41,500										70
75	56.5	186.0	39,400*	58.8	188.4	39,700	62.6	191.2	38,000										75
80	53.6	182.5	37,500	56.0	185.2	36,600	59.9	188.5	35,000										80
85	50.5	178.6	34,700	53.1	181.6	33,800	57.1	185.4	32,300	60.9	187.9	30,900							85
90	47.4	174.3	32,300	50.0	177.6	31,400	54.2	182.0	30,000	58.1	185.0	28,600							90
95	44.0	169.4	30,100	46.8	173.2	29,300	51.2	178.2	28,000	55.3	181.7	26,700							95
100	40.5	163.9	28,100	43.5	168.2	27,400	48.1	173.9	26,100	52.3	178.0	24,900	56.2	180.6	23,700				100
105	36.7	157.6	26,400	39.9	162.6	25,700	44.8	169.2	24,500	49.2	173.9	23,300	53.3	177.1	22,200				105
110	32.4	150.4	24,800	36.0	156.2	24,100	41.3	163.8	23,000	46.0	169.4	21,900	50.2	173.1	20,800				110
115	27.7	141.7	23,300	31.7	148.7	22,700	37.5	157.7	21,600	42.6	164.2	20,600	47.1	168.7	19,500	51.1	171.6	18,500	115
120	22.0	130.9	19,800*	26.8	139.8	21,400	33.4	150.7	20,400	38.9	158.4	19,400	43.7	163.8	18,400	48.0	167.3	17,400	120
125	14.3	115.7	16,000*	20.9	128.5	20,200	28.8	142.4	19,300	34.9	151.8	18,300	40.1	158.2	17,400	44.7	162.5	16,400	125
130				12.6	111.9	16,200*	23.3	132.2	18,200	30.5	144.0	17,300	36.3	151.9	16,400	41.2	157.1	15,500	130
135							16.3	118.3	17,200	25.4	134.6	16,400	32.0	144.5	15,500	37.4	151.0	14,700	135
140										19.1	122.4	15,500	27.2	135.7	14,700	33.3	144.0	13,900	140
145										9.4	102.7	14,700	21.4	124.6	13,900	28.6	135.6	13,200	145
150													13.4	108.6	13,200	23.2	125.3	12,500	150
155																16.0	111.3	11,800	155

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.8	210.8	48,700*																45
50	71.5	209.2	46,400*																50
55	69.2	207.5	44,300*	71.1	208.7	46,100*													55
60	66.8	205.4	42,200*	68.8	206.8	44,000*													60
65	64.4	203.2	40,300*	66.4	204.8	42,000*													65
70	61.9	200.6	38,400*	64.0	202.5	40,100*	67.3	204.6	41,300										70
75	59.4	197.8	36,700*	61.5	199.9	38,200*	64.9	202.4	37,800										75
80	56.8	194.7	35,000*	58.9	197.0	36,300	62.4	199.9	34,700										80
85	54.1	191.2	33,400*	56.3	193.9	33,600	59.9	197.1	32,100										85
90	51.3	187.4	31,900*	53.6	190.3	31,200	57.3	194.1	29,800	60.8	196.6	28,400							90
95	48.4	183.2	29,900	50.8	186.5	29,000	54.7	190.7	27,700	58.3	193.6	26,400							95
100	45.4	178.6	27,900	47.9	182.2	27,100	51.9	187.0	25,900	55.6	190.4	24,600							100
105	42.2	173.3	26,100	44.9	177.4	25,400	49.1	182.9	24,200	52.9	186.8	23,100	56.5	189.3	21,900				105
110	38.8	167.5	24,600	41.7	172.1	23,900	46.1	178.3	22,800	50.1	182.8	21,600	53.8	185.8	20,500				110
115	35.2	160.9	23,100	38.3	166.1	22,500	42.9	173.2	21,400	47.2	178.4	20,300	51.0	182.0	19,300				115
120	31.1	153.2	21,800	34.5	159.4	21,200	39.6	167.5	20,200	44.1	173.5	19,200	48.1	177.7	18,100	51.8	180.4	17,200	120
125	26.6	144.1	20,200*	30.4	151.5	20,000	36.0	161.1	19,000	40.8	168.1	18,100	45.1	173.0	17,100	49.0	176.2	16,200	125
130	21.1	132.8	17,100*	25.8	142.1	18,900	32.1	153.7	18,000	37.3	161.9	17,100	41.9	167.7	16,200	46.0	171.6	15,300	130
135	13.8	116.9	13,800*	20.1	130.3	17,600*	27.6	144.9	17,100	33.5	154.9	16,200	38.5	161.8	15,300	42.8	166.5	14,400	135
140				12.1	113.0	14,000*	22.4	134.2	16,200	29.3	146.7	15,300	34.8	155.1	14,500	39.5	160.8	13,600	140
145							15.7	119.7	15,300	24.4	136.8	14,500	30.7	147.3	13,700	35.9	154.3	12,900	145
150										18.4	124.0	13,800	26.1	138.1	13,000	31.9	146.9	12,200	150
155										9.0	103.5	13,100	20.5	126.5	12,300	27.5	138.1	11,600	155
160													12.8	109.8	11,700	22.2	127.3	11,000	160
165																15.4	112.7	10,400	165



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

80 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	221.2	44,900*																45
50	72.9	219.7	42,800*																50
55	70.7	218.1	40,800*	72.5	219.2	42,400*													55
60	68.5	216.2	38,900*	70.3	217.5	40,500*													60
65	66.3	214.2	37,000*	68.2	215.6	38,600*													65
70	64.0	211.9	35,200*	65.9	213.5	36,800*													70
75	61.7	209.3	33,500*	63.7	211.1	35,000*	66.8	213.3	37,100*										75
80	59.4	206.5	31,900*	61.4	208.5	33,300*	64.5	211.1	34,400										80
85	57.0	203.4	30,400*	59.0	205.7	31,800*	62.3	208.6	31,600										85
90	54.5	200.0	28,900*	56.6	202.5	30,200*	59.9	205.8	29,400										90
95	52.0	196.2	27,500*	54.1	199.1	28,800	57.5	202.8	27,400	60.8	205.2	26,000							95
100	49.3	192.1	26,200*	51.5	195.3	26,900	55.1	199.4	25,600	58.4	202.3	24,300							100
105	46.6	187.6	25,000*	48.9	191.1	25,100	52.5	195.8	23,900	56.0	199.1	22,700							105
110	43.7	182.6	23,900*	46.1	186.5	23,600	49.9	191.8	22,400	53.4	195.5	21,300	56.8	198.0	20,100				110
115	40.6	177.1	22,800*	43.2	181.5	22,200	47.2	187.3	21,100	50.9	191.7	20,000	54.3	194.6	18,900				115
120	37.4	170.9	21,600	40.1	175.8	20,900	44.3	182.5	19,900	48.2	187.4	18,800	51.7	190.8	17,800				120
125	33.9	164.0	20,400	36.8	169.6	19,700	41.3	177.1	18,700	45.4	182.7	17,700	49.1	186.6	16,800	52.4	189.1	15,800	125
130	30.0	155.9	19,200	33.2	162.4	18,700	38.1	171.1	17,700	42.4	177.5	16,700	46.3	182.1	15,800	49.8	185.1	14,900	130
135	25.6	146.4	17,400*	29.3	154.2	17,700	34.6	164.3	16,800	39.3	171.7	15,800	43.4	177.1	14,900	47.1	180.7	14,000	135
140	20.3	134.6	14,700*	24.8	144.4	16,800	30.9	156.5	15,900	35.9	165.2	15,000	40.3	171.5	14,100	44.2	175.8	13,300	140
145	13.3	118.1	11,800*	19.4	132.1	15,200*	26.6	147.4	15,000	32.3	157.8	14,200	37.0	165.2	13,400	41.2	170.4	12,500	145
150				11.7	114.1	12,000*	21.6	136.2	14,300	28.2	149.2	13,500	33.5	158.2	12,700	38.0	164.3	11,900	150
155							15.1	121.1	13,500	23.5	138.9	12,800	29.6	150.0	12,000	34.5	157.5	11,300	155
160										17.7	125.6	12,100	25.1	140.4	11,400	30.7	149.7	10,700	160
165										8.7	104.3	11,500	19.8	128.2	10,800	26.5	140.5	10,100	165
170													12.4	110.9	10,200	21.4	129.3	9,600	170
175																14.8	114.0	9,100	175

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	76.0	231.5	41,200*																45
50	74.0	230.2	39,600*																50
55	72.0	228.7	37,700*																55
60	70.0	226.9	35,900*	71.7	228.1	37,400*													60
65	68.0	225.0	34,100*	69.7	226.3	35,600*													65
70	65.9	222.9	32,400*	67.6	224.4	33,900*													70
75	63.8	220.5	30,800*	65.5	222.2	32,200*													75
80	61.6	218.0	29,300*	63.4	219.8	30,600*	66.3	222.1	32,600*										80
85	59.4	215.1	27,800*	61.3	217.2	29,100*	64.2	219.8	31,000*										85
90	57.2	212.1	26,400*	59.1	214.3	27,600*	62.1	217.2	29,300										90
95	54.9	208.7	25,100*	56.8	211.2	26,200*	59.9	214.5	27,300	62.9	216.6	25,900							95
100	52.5	205.0	23,800*	54.5	207.8	24,900*	57.7	211.4	25,400	60.7	213.9	24,200							100
105	50.1	201.0	22,600*	52.1	204.1	23,700*	55.4	208.1	23,800	58.5	211.0	22,600							105
110	47.5	196.6	21,500*	49.7	200.0	22,500*	53.0	204.5	22,300	56.2	207.8	21,200							110
115	44.9	191.8	20,400*	47.1	195.6	21,400*	50.6	200.6	21,000	53.9	204.3	19,900	57.0	206.7	18,800				115
120	42.1	186.6	19,400*	44.4	190.7	20,300*	48.1	196.3	19,800	51.5	200.5	18,700	54.7	203.3	17,700				120
125	39.2	180.7	18,400*	41.6	185.4	19,300*	45.5	191.6	18,600	49.0	196.3	17,600	52.3	199.6	16,600				125
130	36.1	174.3	17,500*	38.7	179.4	18,300*	42.7	186.5	17,600	46.4	191.8	16,600	49.8	195.5	15,700	53.0	197.9	14,800	130
135	32.7	166.9	16,700*	35.5	172.8	17,400*	39.8	180.8	16,700	43.7	186.8	15,700	47.3	191.1	14,800	50.5	194.0	13,900	135
140	28.9	158.6	15,900*	32.1	165.3	16,600*	36.8	174.4	15,800	40.9	181.3	14,900	44.6	186.3	14,000	48.0	189.7	13,200	140
145	24.7	148.7	15,200*	28.3	156.7	15,800	33.4	167.3	15,000	37.9	175.2	14,100	41.8	181.0	13,300	45.4	184.9	12,400	145
150	19.6	136.4	12,800*	23.9	146.6	15,000	29.8	159.2	14,200	34.7	168.4	13,400	38.9	175.1	12,600	42.6	179.8	11,800	150
155	12.8	119.2	10,200*	18.7	133.7	13,300*	25.7	149.7	13,500	31.1	160.6	12,700	35.7	168.5	11,900	39.7	174.1	11,100	155
160				11.3	115.1	10,500*	20.8	138.1	12,800	27.2	151.7	12,100	32.3	161.1	11,300	36.7	167.7	10,600	160
165							14.6	122.4	12,200	22.7	141.0	11,500	28.6	152.6	10,700	33.3	160.6	10,000	165
170										17.1	127.1	10,900	24.3	142.5	10,200	29.7	152.4	9,500	170
175										8.4	105.0	10,300	19.1	130.0	9,700	25.5	142.8	9,000	175
180													11.9	111.9	9,200	20.7	131.1	8,500	180
185																14.3	115.3	8,100	185



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

80 Ft. Boom, 160 Ft. Luffing Jib

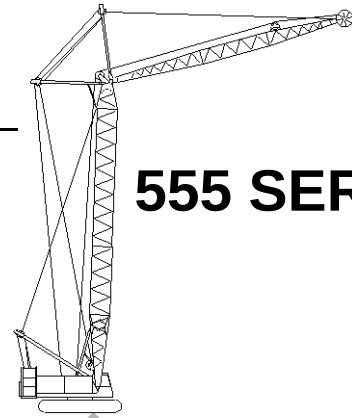
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.4	240.8	32,500*																50
55	73.6	239.4	30,800*																55
60	71.7	237.9	29,200*																60
65	69.8	236.1	27,700*	71.4	237.3	28,900*													65
70	67.9	234.2	26,300*	69.5	235.5	27,500*													70
75	65.9	232.1	24,900*	67.6	233.6	26,100*													75
80	64.0	229.7	23,600*	65.6	231.4	24,700*													80
85	61.9	227.2	22,300*	63.6	229.0	23,400*	66.4	231.2	25,000*										85
90	59.9	224.4	21,100*	61.6	226.4	22,200*	64.4	228.9	23,800*										90
95	57.8	221.4	20,000*	59.6	223.6	21,000*	62.4	226.4	22,600*										95
100	55.7	218.1	18,900*	57.5	220.5	19,900*	60.3	223.7	21,400*										100
105	53.5	214.5	17,900*	55.3	217.2	18,800*	58.3	220.7	20,300*	61.1	223.1	21,600*							105
110	51.2	210.7	17,000*	53.1	213.6	17,800*	56.1	217.5	19,200*	59.0	220.2	20,500*							110
115	48.9	206.5	16,000*	50.8	209.7	16,800*	53.9	214.0	18,200*	56.9	217.1	19,500*							115
120	46.4	201.9	15,200*	48.5	205.4	15,900*	51.7	210.2	17,200*	54.7	213.7	18,400	57.6	216.0	17,400				120
125	43.9	196.9	14,400*	46.0	200.8	15,100*	49.4	206.1	16,300*	52.5	210.0	17,400	55.4	212.7	16,300				125
130	41.3	191.5	13,600*	43.5	195.8	14,300*	47.0	201.6	15,400*	50.2	206.0	16,400	53.2	209.1	15,400				130
135	38.5	185.5	12,800*	40.8	190.2	13,500*	44.5	196.8	14,600*	47.8	201.7	15,500	51.0	205.2	14,500				135
140	35.5	178.9	12,200*	38.0	184.2	12,800*	41.9	191.4	13,800*	45.4	197.0	14,600	48.6	201.0	13,700	51.6	203.6	12,800	140
145	32.3	171.4	11,500*	35.0	177.4	12,100*	39.1	185.6	13,000*	42.8	191.8	13,800	46.2	196.4	13,000	49.3	199.5	12,100	145
150	28.8	162.9	10,900*	31.7	169.8	11,400*	36.2	179.1	12,300*	40.1	186.1	13,100	43.7	191.4	12,300	46.9	195.0	11,500	150
155	24.8	153.0	10,300*	28.1	161.1	10,800*	33.0	171.8	11,700*	37.2	179.9	12,400	41.0	185.9	11,600	44.4	190.1	10,800	155
160	20.1	140.9	9,800*	24.1	150.9	10,300*	29.6	163.6	11,000*	34.2	172.9	11,800	38.2	179.8	11,000	41.8	184.7	10,300	160
165	14.0	124.6	9,200*	19.2	138.3	9,800*	25.7	154.1	10,500*	30.8	165.1	11,200	35.2	173.1	10,400	39.0	178.9	9,700	165
170				12.7	120.8	9,400*	21.2	142.5	10,000*	27.1	156.1	10,600	32.0	165.6	9,900	36.1	172.4	9,200	170
175							15.5	127.4	9,500*	22.9	145.4	10,100	28.4	157.0	9,400	32.9	165.1	8,700	175
180							5.8	100.9	8,600*	17.8	131.9	9,600	24.4	146.9	8,900	29.4	156.8	8,300	180
185										10.4	111.9	9,100	19.6	134.5	8,500	25.6	147.2	7,800	185
190													13.2	117.5	8,000	21.0	135.6	7,400	190
195																15.3	120.4	7,000	195
200																5.2	92.8	6,600	200

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



90 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	64.4	150.1	90,000*b																35
40	59.0	147.4	79,200*b	64.1	149.6	90,000*b													40
45	53.2	144.0	70,700*b	58.6	146.9	77,800b													45
50	47.0	139.9	64,100*	52.9	143.5	68,000b	61.7	147.4	65,100b										50
55	40.1	134.6	58,700*	46.6	139.2	60,200	56.1	144.3	57,700b										55
60	31.9	127.7	54,300*	39.6	133.9	54,000	50.2	140.6	51,800	59.1	144.2	49,500b							60
65	21.3	117.7	45,400*	31.4	126.9	48,800	43.6	135.9	46,800	53.4	140.9	44,800b							65
70				20.5	116.6	44,500	36.2	129.9	42,600	47.2	136.7	40,800	56.3	140.2	38,900b				70
75							27.0	121.8	39,100	40.2	131.5	37,400	50.3	136.5	35,700				75
80							13.1	108.1	36,000	32.2	124.7	34,500	43.8	131.8	32,900	53.0	135.1	31,400	80
85										21.6	114.8	31,900	36.3	125.8	30,500	46.8	130.9	29,000	85
90													27.3	117.8	28,300	39.8	125.6	27,000	90
95													13.5	104.3	26,300	31.6	118.7	25,100	95
100																20.7	108.5	23,500	100

90 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	68.3	161.0	89,000*b																35
40	63.8	158.8	79,400*b	68.0	160.5	87,400*b													40
45	59.1	156.1	70,800*b	63.5	158.3	77,600b													45
50	54.2	152.8	63,800*	58.8	155.5	67,800b	66.0	158.5	64,900b										50
55	49.0	148.8	58,300*	53.9	152.2	60,100	61.5	156.0	57,500b										55
60	43.3	144.0	53,800*	48.7	148.2	53,900	56.7	153.0	51,500										60
65	37.0	138.1	50,000*	43.0	143.3	48,700	51.6	149.4	46,600	59.2	152.9	44,500b							65
70	29.5	130.4	45,500	36.6	137.3	44,400	46.2	145.1	42,500	54.4	149.6	40,600							70
75	19.7	119.5	37,200*	29.0	129.6	40,700	40.2	139.7	38,900	49.1	145.7	37,200	56.8	148.9	35,400				75
80				18.9	118.3	37,500	33.4	133.1	35,900	43.5	140.9	34,300	51.8	145.3	32,700				80
85							25.0	124.1	33,200	37.1	135.0	31,700	46.3	140.9	30,200				85
90							12.1	109.2	30,800	29.7	127.4	29,500	40.4	135.6	28,100	48.8	139.9	26,700	90
95										20.0	116.6	27,500	33.6	129.0	26,200	36.7	129.1	23,300	95
100													25.2	120.1	24,500	29.2	121.4	21,800	100
105													12.5	105.5	22,900				105
110																19.2	110.2	20,500	110



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

90 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	71.1	171.6	82,200*b																35
40	67.3	169.7	78,700*b	70.9	171.2	82,300*b													40
45	63.3	167.4	70,800*	67.0	169.3	77,200b													45
50	59.2	164.7	64,000*	63.1	167.0	67,500													50
55	55.0	161.5	58,200*	59.0	164.2	59,800	65.3	167.2	57,100b										55
60	50.5	157.7	53,500*	54.7	160.9	53,600	61.3	164.7	51,200										60
65	45.7	153.2	49,600*	50.2	157.1	48,400	57.1	161.7	46,300										65
70	40.4	147.8	45,300	45.4	152.5	44,100	52.7	158.2	42,100	59.3	161.6	40,200							70
75	34.5	141.3	41,500	40.1	147.1	40,400	48.1	154.1	38,600	55.1	158.3	36,800							75
80	27.6	133.0	38,300	34.1	140.5	37,300	43.1	149.1	35,600	50.6	154.6	33,900	57.2	157.6	32,200				80
85	18.4	121.2	31,100*	27.1	132.1	34,500	37.5	143.2	32,900	45.8	150.1	31,400	52.8	154.1	29,800				85
90				17.7	119.9	32,000	31.2	135.9	30,600	40.5	144.7	29,100	48.2	149.9	27,700				90
95							23.4	126.2	28,500	34.7	138.2	27,200	43.2	145.1	25,800	50.3	148.8	24,500	95
100							11.3	110.2	26,600	27.8	130.0	25,400	37.7	139.2	24,100	45.5	144.2	22,900	100
105										18.7	118.3	23,800	31.3	131.9	22,600	40.2	138.9	21,400	105
110													23.6	122.3	21,200	34.3	132.3	20,100	110
115													11.7	106.6	19,900	27.3	123.9	18,900	115
120																17.9	111.9	17,800	120

90 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	73.3	182.1	75,900*b																35
40	69.9	180.5	72,700*b																40
45	66.5	178.5	69,100*	69.7	180.0	72,800*b													45
50	63.0	176.1	64,100*	66.3	178.0	67,200													50
55	59.3	173.4	58,400*	62.7	175.6	59,600													55
60	55.5	170.2	53,700*	59.1	172.9	53,300	64.7	175.9	50,900										60
65	51.6	166.5	49,500	55.3	169.6	48,200	61.1	173.3	46,000										65
70	47.4	162.2	45,100	51.3	165.9	43,900	57.4	170.4	41,900										70
75	42.9	157.2	41,400	47.1	161.6	40,200	53.6	166.9	38,400	59.4	170.2	36,500							75
80	38.0	151.4	38,100	42.6	156.6	37,100	49.5	163.0	35,400	55.6	167.0	33,600							80
85	32.5	144.3	35,300	37.7	150.7	34,300	45.2	158.4	32,700	51.7	163.4	31,100	57.5	166.2	29,500				85
90	26.0	135.4	32,800	32.1	143.5	31,900	40.5	153.0	30,400	47.5	159.1	28,900	53.7	162.8	27,400				90
95	17.3	122.8	26,300*	25.5	134.4	29,800	35.3	146.5	28,400	43.0	154.1	26,900	49.6	158.8	25,600				95
100				16.7	121.4	27,200*	29.4	138.6	26,500	38.1	148.3	25,200	45.3	154.2	23,900	51.4	157.6	22,600	100
105							22.0	128.2	24,800	32.6	141.3	23,600	40.6	148.9	22,400	47.2	153.3	21,200	105
110							10.7	111.2	23,300	26.1	132.4	22,200	35.4	142.5	21,000	42.7	148.3	19,900	110
115										17.6	119.9	20,900	29.5	134.6	19,800	37.8	142.4	18,700	115
120													22.2	124.3	18,600	32.3	135.2	17,600	120
125													11.0	107.6	17,600	25.7	126.2	16,600	125
130																16.9	113.4	15,700	130

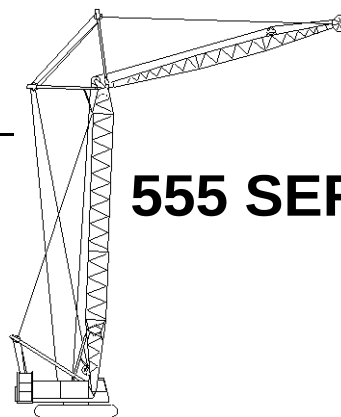


Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	75.0	192.6	66,000*b																35
40	72.0	191.1	63,300*b																40
45	69.0	189.3	60,200*	71.8	190.6	63,200*b													45
50	65.8	187.2	57,300*	68.8	188.8	60,200*													50
55	62.7	184.8	54,700*	65.7	186.7	57,400*													55
60	59.4	182.0	52,200*	62.5	184.3	53,000	67.4	186.8	50,500										60
65	56.0	178.9	49,300	59.2	181.5	47,900	64.3	184.6	45,600										65
70	52.5	175.3	44,800	55.8	178.3	43,600	61.0	182.0	41,500										70
75	48.8	171.2	41,100	52.3	174.7	39,900	57.7	179.0	38,000	62.7	181.6	36,100							75
80	44.8	166.5	37,900	48.5	170.6	36,800	54.2	175.7	35,000	59.5	178.9	33,300							80
85	40.6	161.1	35,000	44.6	165.8	34,000	50.6	171.8	32,400	56.1	175.7	30,700							85
90	36.0	154.7	32,600	40.3	160.4	31,600	46.8	167.4	30,100	52.6	172.1	28,500	57.8	174.9	27,000				90
95	30.8	147.1	30,400	35.7	154.0	29,500	42.7	162.4	28,000	48.9	168.1	26,600	54.3	171.5	25,200				95
100	24.6	137.6	28,000*	30.4	146.3	27,600	38.3	156.5	26,200	44.9	163.4	24,800	50.7	167.7	23,500				100
105	16.4	124.2	22,600*	24.2	136.6	25,800	33.4	149.6	24,600	40.7	158.0	23,300	46.9	163.3	22,000				105
110				15.8	122.9	23,400*	27.8	141.2	23,100	36.1	151.7	21,900	42.8	158.3	20,600	48.6	162.2	19,500	110
115							20.9	130.1	21,700	30.9	144.1	20,600	38.4	152.5	19,400	44.7	157.5	18,300	115
120							10.1	112.1	20,400	24.8	134.6	19,400	33.6	145.6	18,300	40.4	152.1	17,200	120
125										16.7	121.4	18,300	28.0	137.2	17,300	35.8	145.7	16,200	125
130													21.0	126.2	16,300	30.6	138.1	15,300	130
135													10.5	108.5	15,400	24.3	128.4	14,500	135
140																16.0	114.8	13,700	140



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

90 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	73.7	201.5	59,100*																40
45	70.9	199.9	56,400*																45
50	68.2	198.1	53,800*	70.8	199.5	56,400*													50
55	65.3	195.9	51,200*	68.0	197.6	53,800*													55
60	62.4	193.5	48,900*	65.2	195.4	51,300*													60
65	59.4	190.7	46,600*	62.3	193.0	47,800	66.7	195.6	45,600										65
70	56.4	187.6	44,600*	59.3	190.2	43,500	63.9	193.3	41,400										70
75	53.2	184.0	41,000	56.2	187.0	39,900	60.9	190.7	37,900										75
80	49.9	180.1	37,800	53.0	183.5	36,700	57.9	187.7	34,900	62.5	190.3	33,200							80
85	46.4	175.6	35,000	49.7	179.5	34,000	54.8	184.4	32,300	59.5	187.5	30,700							85
90	42.6	170.5	32,500	46.1	174.9	31,600	51.5	180.6	30,000	56.4	184.4	28,500							90
95	38.6	164.6	30,300	42.4	169.8	29,400	48.1	176.4	28,000	53.3	180.9	26,500	58.0	183.6	25,100				95
100	34.3	157.9	28,400	38.4	163.9	27,500	44.5	171.6	26,100	49.9	176.9	24,800	54.8	180.2	23,400				100
105	29.3	149.8	26,600	34.0	157.1	25,800	40.7	166.2	24,500	46.4	172.5	23,200	51.6	176.5	21,900				105
110	23.4	139.7	24,200*	29.0	148.9	24,300	36.5	159.9	23,000	42.7	167.4	21,800	48.2	172.3	20,600				110
115	15.7	125.7	19,600*	23.1	138.7	22,900	31.8	152.6	21,700	38.7	161.6	20,500	44.6	167.5	19,300	49.7	171.1	18,200	115
120				15.1	124.2	20,400*	26.5	143.6	20,500	34.4	154.8	19,300	40.7	162.1	18,200	46.2	166.6	17,100	120
125							19.9	131.9	19,300	29.4	146.8	18,300	36.6	155.9	17,200	42.5	161.5	16,200	125
130							9.7	113.0	18,300	23.6	136.8	17,300	32.0	148.5	16,300	38.5	155.7	15,300	130
135										15.9	122.9	16,300	26.6	139.6	15,400	34.1	148.9	14,500	135
140													20.1	128.0	14,600	29.1	140.7	13,700	140
145													10.0	109.4	13,800	23.2	130.5	13,000	145
150																15.3	116.2	12,300	150

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.1	211.9	54,800*																40
45	72.6	210.5	52,200*																45
50	70.1	208.8	49,900*	72.4	210.0	52,100*													50
55	67.5	206.8	47,600*	69.9	208.3	49,800*													55
60	64.9	204.6	45,500*	67.3	206.4	47,600*													60
65	62.2	202.1	43,400*	64.7	204.1	45,500*													65
70	59.5	199.4	41,300*	62.1	201.6	43,200	66.2	204.3	41,100										70
75	56.7	196.2	39,400*	59.3	198.8	39,600	63.6	202.0	37,600										75
80	53.8	192.8	37,500	56.5	195.7	36,400	60.9	199.3	34,600										80
85	50.8	188.9	34,700	53.6	192.2	33,700	58.1	196.4	32,000	62.3	199.0	30,300							85
90	47.6	184.6	32,300	50.6	188.3	31,300	55.2	193.1	29,700	59.6	196.2	28,100							90
95	44.3	179.7	30,100	47.4	184.0	29,200	52.3	189.4	27,600	56.7	193.1	26,100							95
100	40.7	174.3	28,100	44.1	179.1	27,300	49.2	185.3	25,800	53.8	189.6	24,400							100
105	36.9	168.1	26,400	40.5	173.6	25,500	45.9	180.8	24,200	50.8	185.8	22,800	55.3	188.9	21,500				105
110	32.8	160.9	24,800	36.7	167.3	24,000	42.5	175.6	22,700	47.7	181.5	21,400	52.3	185.3	20,200				110
115	28.0	152.4	23,300	32.5	160.1	22,600	38.9	169.8	21,400	44.4	176.6	20,200	49.2	181.2	19,000				115
120	22.4	141.8	20,800*	27.7	151.5	21,300	34.9	163.1	20,200	40.8	171.2	19,000	46.0	176.6	17,900	50.6	180.0	16,700	120
125	15.0	127.0	16,800*	22.1	140.7	20,100	30.5	155.3	19,000	37.0	165.0	17,900	42.6	171.5	16,800	47.5	175.7	15,800	125
130				14.4	125.5	17,600*	25.4	145.9	18,000	32.9	157.9	17,000	38.9	165.7	15,900	44.1	170.8	14,900	130
135							19.0	133.6	17,000	28.2	149.4	16,000	35.0	159.1	15,000	40.6	165.3	14,100	135
140							9.2	113.8	16,100	22.6	138.8	15,200	30.6	151.3	14,200	36.8	159.1	13,300	140
145										15.2	124.2	14,400	25.5	141.9	13,500	32.6	151.9	12,600	145
150													19.2	129.7	12,800	27.8	143.3	11,900	150
155													9.6	110.2	12,100	22.2	132.6	11,300	155
160																14.6	117.5	10,700	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

90 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.0	220.9	48,200*																45
50	71.7	219.4	46,100*																50
55	69.3	217.6	44,000*	71.5	218.9	46,000*													55
60	66.9	215.6	42,100*	69.2	217.1	44,000*													60
65	64.5	213.3	40,200*	66.8	215.1	42,100*													65
70	62.1	210.8	38,300*	64.4	212.8	40,200*													70
75	59.5	208.0	36,600*	61.9	210.3	38,400*	65.7	213.0	37,300										75
80	56.9	204.9	35,000*	59.4	207.5	36,200	63.3	210.6	34,300										80
85	54.3	201.5	33,400*	56.8	204.4	33,500	60.8	208.0	31,700										85
90	51.5	197.7	32,000*	54.1	200.9	31,100	58.2	205.0	29,400	62.1	207.6	27,800							90
95	48.6	193.5	29,800	51.3	197.1	28,900	55.6	201.8	27,400	59.6	204.9	25,900							95
100	45.6	188.9	27,900	48.5	192.9	27,000	52.9	198.2	25,600	57.0	201.8	24,100							100
105	42.5	183.7	26,100	45.4	188.2	25,300	50.1	194.2	23,900	54.3	198.4	22,600							105
110	39.1	177.9	24,600	42.3	183.1	23,800	47.1	189.8	22,500	51.6	194.6	21,200	55.7	197.6	19,900				110
115	35.4	171.3	23,100	38.9	177.2	22,400	44.0	184.9	21,100	48.7	190.4	19,900	52.9	194.1	18,700				115
120	31.4	163.8	21,800	35.2	170.6	21,100	40.8	179.4	19,900	45.7	185.8	18,700	50.1	190.1	17,600				120
125	26.9	154.8	20,600	31.2	162.9	19,900	37.3	173.3	18,800	42.5	180.6	17,700	47.2	185.7	16,600	51.4	188.8	15,500	125
130	21.5	143.7	18,000*	26.6	153.9	18,900	33.5	166.2	17,800	39.2	174.8	16,700	44.1	180.8	15,700	48.5	184.6	14,600	130
135	14.4	128.3	14,500*	21.2	142.6	17,900	29.2	158.0	16,800	35.5	168.3	15,800	40.9	175.3	14,800	45.5	179.9	13,800	135
140				13.9	126.8	15,200*	24.3	148.1	16,000	31.5	160.7	15,000	37.4	169.2	14,000	42.3	174.8	13,000	140
145							18.3	135.3	15,100	27.0	151.8	14,200	33.6	162.2	13,300	38.9	168.9	12,300	145
150							8.9	114.6	14,300	21.7	140.8	13,500	29.3	154.0	12,600	35.3	162.3	11,700	150
155										14.6	125.5	12,800	24.5	144.1	11,900	31.3	154.7	11,100	155
160													18.4	131.4	11,300	26.7	145.7	10,500	160
165													9.2	111.1	10,700	21.3	134.5	10,000	165
170																14.1	118.8	9,400	170

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	75.1	231.3	44,400*																45
50	73.0	229.9	42,500*																50
55	70.9	228.2	40,500*	72.9	229.4	42,300*													55
60	68.7	226.4	38,700*	70.7	227.8	40,400*													60
65	66.5	224.3	36,900*	68.5	225.9	38,600*													65
70	64.2	222.0	35,100*	66.3	223.8	36,800*													70
75	61.9	219.5	33,500*	64.1	221.5	35,200*	67.6	223.9	37,000										75
80	59.6	216.7	31,900*	61.8	219.0	33,500*	65.3	221.7	34,000										80
85	57.2	213.6	30,400*	59.4	216.2	31,900*	63.1	219.3	31,400										85
90	54.7	210.2	29,000*	57.0	213.1	30,400*	60.7	216.6	29,100										90
95	52.1	206.5	27,600*	54.5	209.7	28,600	58.4	213.7	27,100	62.0	216.3	25,500							95
100	49.5	202.4	26,300*	52.0	205.9	26,700	55.9	210.5	25,200	59.6	213.5	23,800							100
105	46.8	197.9	25,100*	49.3	201.8	25,000	53.4	206.9	23,600	57.2	210.4	22,200							105
110	43.9	193.0	23,900*	46.6	197.3	23,500	50.8	203.1	22,100	54.8	207.1	20,800							110
115	40.8	187.5	22,900	43.7	192.4	22,100	48.1	198.8	20,800	52.2	203.4	19,600	56.0	206.3	18,300				115
120	37.6	181.4	21,500	40.7	186.8	20,800	45.3	194.1	19,600	49.6	199.3	18,400	53.5	202.8	17,200				120
125	34.1	174.5	20,300	37.4	180.7	19,700	42.4	188.9	18,500	46.8	194.8	17,300	50.9	198.9	16,200				125
130	30.3	166.5	19,200	33.9	173.7	18,600	39.2	183.1	17,500	43.9	189.9	16,400	48.2	194.6	15,300	52.0	197.6	14,200	130
135	25.9	157.2	18,200	30.0	165.7	17,600	35.9	176.6	16,500	40.9	184.4	15,500	45.4	189.9	14,400	49.4	193.5	13,400	135
140	20.8	145.6	15,500*	25.6	156.2	16,700	32.2	169.2	15,700	37.7	178.3	14,600	42.4	184.8	13,600	46.6	189.0	12,700	140
145	13.9	129.5	12,500*	20.4	144.4	15,800	28.1	160.6	14,800	34.2	171.4	13,900	39.3	179.0	12,900	43.8	184.1	12,000	145
150				13.3	127.9	13,100*	23.4	150.2	14,100	30.4	163.5	13,100	36.0	172.5	12,200	40.7	178.6	11,300	150
155							17.6	136.9	13,400	26.0	154.2	12,500	32.3	165.1	11,600	37.5	172.4	10,700	155
160							8.6	115.3	12,700	20.9	142.7	11,800	28.2	156.6	11,000	34.0	165.4	10,100	160
165										14.1	126.8	11,200	23.6	146.2	10,400	30.1	157.4	9,600	165
170													17.8	133.0	9,900	25.7	148.0	9,100	170
175													8.9	111.8	9,400	20.5	136.3	8,600	175
180																13.5	120.0	8,200	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

90 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	74.2	240.3	39,100*																50
55	72.2	238.8	37,500*																55
60	70.2	237.1	35,700*	72.1	238.3	37,100*													60
65	68.1	235.1	34,000*	70.0	236.6	35,600*													65
70	66.0	233.0	32,300*	68.0	234.7	33,900*													70
75	63.9	230.7	30,800*	65.9	232.6	32,300*													75
80	61.8	228.1	29,300*	63.8	230.2	30,700*	67.1	232.7	32,900*										80
85	59.6	225.3	27,800*	61.7	227.6	29,200*	65.0	230.4	31,200										85
90	57.4	222.3	26,400*	59.5	224.8	27,800*	62.9	228.0	29,000										90
95	55.1	218.9	25,100*	57.2	221.7	26,400*	60.7	225.3	26,900										95
100	52.7	215.3	23,800*	54.9	218.4	25,100*	58.5	222.4	25,100	61.8	225.0	23,600							100
105	50.2	211.3	22,700*	52.5	214.7	23,900*	56.2	219.2	23,500	59.6	222.2	22,100							105
110	47.7	206.9	21,500*	50.1	210.7	22,700*	53.9	215.7	22,000	57.4	219.1	20,700							110
115	45.1	202.2	20,500*	47.6	206.3	21,500*	51.5	211.9	20,700	55.1	215.8	19,400							115
120	42.3	196.9	19,400*	44.9	201.5	20,500*	49.0	207.7	19,500	52.7	212.1	18,300	56.3	215.0	17,100				120
125	39.4	191.2	18,500*	42.1	196.3	19,400*	46.4	203.1	18,400	50.3	208.2	17,200	53.9	211.5	16,100				125
130	36.3	184.7	17,600*	39.2	190.5	18,500	43.7	198.1	17,400	47.8	203.8	16,300	51.5	207.7	15,200				130
135	32.9	177.5	16,800*	36.1	184.0	17,500	40.9	192.7	16,400	45.1	199.1	15,400	49.0	203.6	14,300	52.6	206.4	13,300	135
140	29.2	169.2	16,000*	32.7	176.7	16,600	37.8	186.6	15,600	42.4	193.9	14,500	46.5	199.0	13,500	50.2	202.4	12,500	140
145	25.0	159.4	15,300*	29.0	168.3	15,700	34.6	179.7	14,700	39.5	188.1	13,800	43.8	194.1	12,800	47.6	198.0	11,900	145
150	20.0	147.4	13,500*	24.8	158.4	14,900	31.1	172.0	14,000	36.4	181.7	13,100	40.9	188.6	12,100	45.0	193.2	11,200	150
155	13.4	130.7	10,900*	19.7	146.2	14,200	27.2	163.0	13,300	33.0	174.4	12,400	37.9	182.5	11,500	42.2	188.0	10,600	155
160				12.9	129.1	11,500*	22.6	152.3	12,600	29.3	166.2	11,800	34.7	175.7	10,900	39.3	182.2	10,000	160
165							17.0	138.4	12,000	25.1	156.5	11,200	31.2	168.0	10,300	36.2	175.7	9,500	165
170							8.3	116.1	11,200*	20.2	144.5	10,600	27.3	159.0	9,800	32.8	168.4	9,000	170
175										13.6	128.0	10,100	22.7	148.3	9,300	29.1	160.1	8,500	175
180													17.1	134.5	8,800	24.9	150.3	8,100	180
185													8.6	112.6	8,400	19.8	138.1	7,700	185
190																13.1	121.2	7,300	190

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.6	250.9	32,300*																50
55	73.7	249.5	30,700*																55
60	71.8	248.0	29,100*																60
65	69.9	246.2	27,700*																65
70	68.0	244.3	26,300*	71.7	247.5	29,000*													70
				69.8	245.8	27,600*													
75	66.1	242.2	24,900*	67.9	243.9	26,200*													75
80	64.1	239.9	23,600*	65.9	241.7	24,900*													80
85	62.1	237.3	22,400*	64.0	239.4	23,600*	67.0	241.8	25,400*										85
90	60.0	234.6	21,200*	62.0	236.9	22,300*	65.1	239.6	24,100*										90
95	57.9	231.6	20,100*	59.9	234.1	21,200*	63.1	237.2	22,900*										95
100	55.8	228.3	19,000*	57.8	231.1	20,100*	61.1	234.5	21,800*										100
105	53.6	224.8	18,000*	55.7	227.8	19,000*	59.0	231.6	20,600*	62.1	234.2	21,800							105
110	51.4	220.9	17,000*	53.5	224.2	18,000*	56.9	228.5	19,600*	60.1	231.4	20,400							110
115	49.0	216.8	16,100*	51.2	220.4	17,000*	54.7	225.1	18,500*	58.0	228.4	19,200							115
120	46.6	212.2	15,200*	48.9	216.2	16,100*	52.5	221.4	17,600*	55.9	225.2	18,000							120
125	44.1	207.3	14,400*	46.5	211.6	15,200*	50.2	217.4	16,600*	53.7	221.6	16,900	56.9	224.4	15,800				125
130	41.5	201.9	13,600*	43.9	206.6	14,400*	47.8	213.1	15,700*	51.4	217.8	16,000	54.8	221.0	14,900				130
135	38.7	195.9	12,900*	41.3	201.2	13,600*	45.4	208.4	14,900*	49.1	213.6	15,100	52.5	217.3	14,000				135
140	35.7	189.4	12,200*	38.5	195.2	12,900*	42.8	203.2	14,100*	46.7	209.1	14,300	50.2	213.3	13,200				140
145	32.5	182.0	11,600*	35.5	188.6	12,200*	40.1	197.5	13,300*	44.2	204.2	13,500	47.9	209.0	12,500	51.3	212.0	11,500	145
150	29.0	173.6	11,000*	32.3	181.2	11,500*	37.2	191.3	12,600*	41.5	198.8	12,800	45.4	204.2	11,800	48.9	207.9	10,900	150
155	25.1	163.8	10,400*	28.8	172.7	10,900*	34.1	184.3	11,900*	38.7	192.9	12,100	42.8	199.1	11,200	46.5	203.3	10,300	155
160	20.5	151.9	9,900*	24.8	162.8	10,400*	30.8	176.4	11,300*	35.8	186.3	11,500	40.1	193.4	10,600	44.0	198.4	9,700	160
165	14.5	136.0	9,500*	20.1	150.7	9,900*	27.1	167.4	10,700*	32.6	178.9	10,900	37.3	187.2	10,000	41.4	192.9	9,200	165
170	1.9	101.2	6,200*	14.1	134.5	9,400*	22.9	156.7	10,200*	29.1	170.6	10,300	34.2	180.2	9,500	38.6	187.0	8,700	170
175							17.7	143.1	9,700*	25.2	160.8	9,800	30.9	172.4	9,000	35.6	180.4	8,200	175
180							10.3	123.0	9,300*	20.6	149.0	9,300	27.2	163.4	8,600	32.4	172.9	7,800	180
185										14.7	133.2	8,800	23.0	152.7	8,100	28.9	164.5	7,400	185
190										2.9	100.9	8,400	17.8	139.2	7,700	24.9	154.6	7,000	190
195													10.5	119.4	7,300	20.3	142.6	6,600	195
200																14.2	126.5	6,200	200



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

100 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	64.8	160.2	88,100*b																35
40	59.4	157.6	77,900*b	65.0	160.0	89,200*b													40
45	53.6	154.3	69,600*b	59.6	157.4	77,400b													45
50	47.5	150.2	63,100*	53.9	154.1	67,600b	63.6	158.1	64,500b										50
55	40.6	145.0	58,000*	47.7	150.0	59,900	58.1	155.3	57,200b										55
60	32.6	138.2	53,800*	40.9	144.9	53,700	52.3	151.8	51,300	62.0	155.4	48,800b							60
65	22.2	128.6	47,900*	33.0	138.2	48,600	46.0	147.5	46,400	56.4	152.4	44,100b							65
70				22.7	128.8	44,200	38.9	142.0	42,200	50.4	148.7	40,200							70
75							30.5	134.8	38,700	43.9	144.0	36,800	54.4	148.5	35,000b				75
80							19.1	124.0	35,600	36.5	138.1	34,000	48.3	144.5	32,200				80
85										27.5	130.1	31,400	41.5	139.5	29,800	52.1	143.6	28,300	85
90										14.0	117.0	29,100	33.7	133.0	27,700	45.7	139.2	26,200	90
95													23.8	123.9	25,800	38.6	133.7	24,500	95
100													3.1	102.9	24,000	30.1	126.4	22,900	100
105																18.5	115.4	21,400	105

100 Ft. Boom, 70 Ft. Luffing Jib

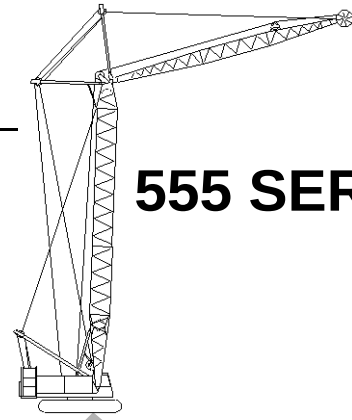
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	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	
35	68.6	171.1	87,800*b																35
40	64.1	168.9	77,400*b	68.8	170.8	86,200*b													40
45	59.5	166.2	69,500*	64.3	168.7	77,200b													45
50	54.6	163.0	62,800*	59.7	166.0	67,400	67.6	169.1	64,300b										50
55	49.4	159.1	57,500*	54.8	162.8	59,800	63.1	166.8	56,900b										55
60	43.7	154.4	53,100*	49.6	158.9	53,600	58.4	164.0	51,000										60
65	37.5	148.5	49,500*	44.0	154.2	48,500	53.4	160.6	46,100	61.7	164.0	43,800b							65
70	30.1	141.1	45,400	37.8	148.4	44,200	48.1	156.5	42,000	56.9	161.1	39,900							70
75	20.5	130.5	39,300*	30.4	141.1	40,500	42.4	151.6	38,600	51.9	157.5	36,600							75
80				21.0	130.7	37,300	35.9	145.4	35,500	46.5	153.1	33,700	55.2	157.2	32,000				80
85							28.2	137.4	32,900	40.5	147.9	31,200	50.1	153.4	29,600				85
90							17.6	125.6	30,600	33.7	141.3	29,000	44.5	148.8	27,500				90
95										25.4	132.5	27,100	38.3	143.1	25,600	48.0	148.3	24,200	95
100										13.0	118.1	25,300	31.1	135.9	24,000	42.2	143.3	22,600	100
105													22.0	125.9	22,400	35.6	137.1	21,200	105
110													2.9	103.2	21,000	27.9	129.0	19,900	110
115																17.2	116.9	18,700	115

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	71.4	181.8	81,300*b																35
40	67.5	179.9	77,500*b	71.5	181.5	81,800*b													40
45	63.6	177.6	69,200*	67.7	179.6	76,800*b													45
50	59.5	174.9	62,600*	63.8	177.4	67,100													50
55	55.3	171.7	57,400*	59.7	174.7	59,500	66.7	177.8	56,600b										55
60	50.8	167.9	52,800*	55.5	171.5	53,300	62.7	175.4	50,600										60
65	46.0	163.5	49,000*	51.0	167.8	48,200	58.6	172.6	45,800										65
70	40.8	158.2	45,200	46.2	163.4	43,900	54.3	169.3	41,700	61.5	172.7	39,500							70
75	35.0	151.8	41,400	41.0	158.1	40,200	49.7	165.4	38,200	57.3	169.7	36,200							75
80	28.1	143.6	38,200	35.2	151.7	37,100	44.9	160.8	35,200	52.9	166.2	33,400							80
85	19.2	132.2	32,700*	28.4	143.7	34,300	39.5	155.3	32,600	48.3	162.1	30,900	55.8	165.9	29,200				85
90				19.6	132.5	31,900	33.5	148.5	30,300	43.3	157.3	28,700	51.4	162.2	27,100				90
95							26.3	139.8	28,200	37.8	151.4	26,700	46.7	157.9	25,200				95
100							16.5	127.1	26,400	31.5	144.2	25,000	41.5	152.7	23,600	49.6	157.2	22,200	100
105										23.8	134.7	23,400	35.8	146.5	22,100	44.7	152.5	20,800	105
110										12.2	119.2	22,000	29.1	138.6	20,700	39.3	147.0	19,500	110
115													20.5	127.8	19,500	33.3	140.2	18,400	115
120													2.7	103.4	18,300	26.0	131.4	17,300	120
125																16.0	118.4	16,300	125



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

100 Ft. Boom, 90 Ft. Luffing Jib

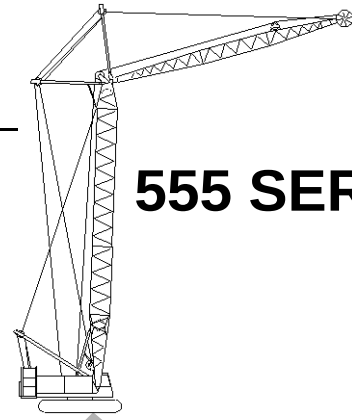
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	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	
35	73.5	192.2	75,000*b																35
40	70.1	190.6	72,100*b																40
45	66.7	188.6	68,800*	70.3	190.3	72,600*b													45
50	63.2	186.3	62,700*	66.9	188.4	66,900													50
55	59.6	183.6	57,100*	63.4	186.0	59,200													55
60	55.8	180.4	52,800*	59.7	183.3	53,000	65.9	186.5	50,400										60
65	51.9	176.7	49,000*	56.0	180.2	47,900	62.4	184.1	45,500										65
70	47.7	172.5	45,000	52.1	176.6	43,700	58.7	181.3	41,400										70
75	43.2	167.6	41,200	47.9	172.4	40,000	54.9	178.0	38,000	61.3	181.4	35,900							75
80	38.4	161.8	38,000	43.4	167.5	36,900	50.9	174.3	35,000	57.6	178.4	33,100							80
85	32.9	154.8	35,200	38.6	161.7	34,100	46.7	169.9	32,400	53.8	175.0	30,600							85
90	26.5	146.1	32,700	33.2	154.8	31,700	42.2	164.8	30,100	49.7	171.0	28,400	56.3	174.6	26,800				90
95	18.1	133.9	27,800*	26.8	146.1	29,600	37.2	158.8	28,000	45.4	166.5	26,500	52.4	171.0	25,000				95
100				18.5	134.2	27,700	31.5	151.4	26,200	40.7	161.1	24,800	48.3	166.9	23,300				100
105							24.8	142.1	24,600	35.6	154.7	23,200	43.8	162.0	21,900	50.8	166.0	20,500	105
110							15.5	128.5	23,100	29.7	146.9	21,800	39.0	156.4	20,500	46.6	161.6	19,300	110
115										22.4	136.7	20,500	33.7	149.6	19,300	42.0	156.5	18,100	115
120										11.5	120.3	19,300	27.4	141.1	18,200	37.0	150.4	17,100	120
125													19.4	129.5	17,200	31.3	143.1	16,100	125
130													2.5	103.7	16,100	24.5	133.6	15,200	130
135																15.1	119.8	14,400	135

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	75.2	202.6	64,800*b																35
40	72.2	201.2	62,800*b																40
45	69.2	199.4	59,800*	72.3	200.9	63,100*b													45
50	66.1	197.4	57,100*	69.3	199.1	60,200*													50
55	62.9	195.0	54,500*	66.2	197.1	57,500*													55
60	59.6	192.2	52,100*	63.0	194.7	52,700													60
65	56.2	189.1	49,100	59.8	192.0	47,600	65.4	195.3	45,100										65
70	52.7	185.5	44,700	56.4	188.9	43,400	62.2	192.8	41,100										70
75	49.0	181.5	41,000	52.9	185.3	39,700	58.9	190.0	37,600										75
80	45.1	176.8	37,700	49.2	181.3	36,600	55.5	186.7	34,600	61.2	190.0	32,700							80
85	40.9	171.4	34,900	45.3	176.7	33,800	51.9	183.1	32,000	57.9	187.1	30,200							85
90	36.3	165.2	32,500	41.1	171.3	31,400	48.2	178.9	29,700	54.4	183.7	28,000							90
95	31.2	157.7	30,300	36.5	165.1	29,300	44.2	174.1	27,700	50.8	179.9	26,100	56.7	183.3	24,500				95
100	25.1	148.4	28,300	31.4	157.7	27,400	39.9	168.5	25,900	47.0	175.5	24,400	53.2	179.8	22,900				100
105	17.1	135.4	23,800*	25.4	148.5	25,700	35.2	162.0	24,300	42.9	170.5	22,900	49.5	175.8	21,400				105
110				17.5	135.7	24,100	29.9	154.2	22,800	38.5	164.7	21,500	45.6	171.2	20,100	51.8	174.8	18,800	110
115							23.5	144.2	21,400	33.7	157.9	20,200	41.5	165.9	18,900	48.0	170.6	17,700	115
120							14.7	129.8	20,200	28.1	149.5	19,000	37.0	159.8	17,800	44.0	165.8	16,600	120
125										21.2	138.6	17,900	31.9	152.5	16,800	39.8	160.2	15,700	125
130										10.9	121.2	16,900	26.0	143.5	15,900	35.0	153.7	14,800	130
135													18.4	131.2	15,000	29.7	145.8	14,000	135
140													2.4	103.9	14,100	23.2	135.7	13,200	140
145																14.3	121.1	12,500	145



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

100 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	73.9	211.6	58,500*																40
45	71.1	210.1	56,000*																45
50	68.4	208.2	53,500*	71.3	209.8	56,200*													50
55	65.5	206.1	51,100*	68.5	207.9	53,800*													55
60	62.6	203.6	48,800*	65.7	205.8	51,400*													60
65	59.7	200.9	46,600*	62.8	203.4	47,500	67.7	206.2	45,000										65
70	56.6	197.8	44,600*	59.8	200.6	43,300	64.9	204.0	41,000										70
75	53.4	194.3	40,900	56.7	197.6	39,600	62.0	201.5	37,500										75
80	50.1	190.3	37,700	53.6	194.1	36,500	59.0	198.6	34,500										80
85	46.6	185.9	34,900	50.2	190.2	33,800	55.9	195.4	31,900	61.1	198.7	30,100							85
90	42.9	180.9	32,400	46.8	185.7	31,400	52.7	191.8	29,700	58.1	195.7	27,900							90
95	38.9	175.1	30,200	43.1	180.7	29,300	49.3	187.8	27,600	54.9	192.4	26,000							95
100	34.6	168.4	28,300	39.1	175.0	27,400	45.8	183.2	25,800	51.7	188.7	24,300	57.0	191.9	22,800				100
105	29.7	160.4	26,500	34.8	168.3	25,700	42.0	178.0	24,200	48.3	184.5	22,800	53.8	188.5	21,400				105
110	23.9	150.5	24,900	29.9	160.4	24,100	38.0	172.1	22,800	44.7	179.7	21,400	50.5	184.6	20,000				110
115	16.3	136.9	20,700*	24.2	150.6	22,700	33.5	165.1	21,400	40.8	174.4	20,100	47.1	180.2	18,800	52.6	183.6	17,600	115
120				16.7	137.2	21,400	28.5	156.8	20,200	36.7	168.1	19,000	43.4	175.3	17,800	49.2	179.6	16,600	120
125							22.4	146.3	19,100	32.1	160.8	17,900	39.5	169.6	16,800	45.7	174.9	15,600	125
130							14.1	131.1	18,000	26.8	151.9	16,900	35.2	163.1	15,800	41.9	169.7	14,700	130
135										20.2	140.5	16,000	30.4	155.3	15,000	37.8	163.7	13,900	135
140										10.4	122.2	15,200	24.7	145.7	14,200	33.4	156.8	13,200	140
145													17.5	132.8	13,400	28.3	148.4	12,500	145
150													2.3	104.1	12,700	22.1	137.7	11,800	150
155																13.7	122.3	11,200	155

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.2	222.0	54,200*																40
45	72.8	220.6	51,800*																45
50	70.2	218.9	49,500*	72.9	220.3	51,900*													50
55	67.7	217.0	47,400*	70.4	218.6	49,700*													55
60	65.1	214.8	45,300*	67.8	216.7	47,600*													60
65	62.4	212.3	43,300*	65.2	214.5	45,600*													65
70	59.7	209.6	41,300*	62.5	212.1	43,000	67.1	214.9	40,600										70
75	56.9	206.5	39,400*	59.8	209.3	39,300	64.5	212.7	37,200										75
80	54.0	203.0	37,400	57.0	206.2	36,200	61.8	210.1	34,200										80
85	51.0	199.2	34,600	54.1	202.8	33,500	59.1	207.3	31,600										85
90	47.8	194.9	32,200	51.1	199.0	31,100	56.2	204.1	29,300	61.0	207.3	27,600							90
95	44.5	190.1	30,000	48.0	194.7	29,000	53.3	200.6	27,300	58.2	204.4	25,600							95
100	41.0	184.7	28,000	44.7	189.9	27,100	50.3	196.6	25,500	55.4	201.1	23,900							100
105	37.2	178.5	26,300	41.2	184.6	25,400	47.1	192.2	23,900	52.4	197.5	22,400	57.3	200.6	21,000				105
110	33.1	171.4	24,700	37.4	178.4	23,800	43.7	187.3	22,400	49.3	193.4	21,000	54.4	197.2	19,600				110
115	28.4	163.0	23,300	33.3	171.4	22,400	40.2	181.8	21,100	46.1	188.9	19,800	51.4	193.4	18,500				115
120	22.9	152.6	21,900	28.6	163.1	21,200	36.3	175.4	19,900	42.7	183.8	18,600	48.2	189.2	17,400				120
125	15.6	138.3	17,800*	23.1	152.7	20,000	32.1	168.1	18,800	39.0	178.0	17,600	45.0	184.5	16,400	50.2	188.4	15,200	125
130				16.0	138.7	18,900	27.2	159.3	17,800	35.1	171.4	16,600	41.5	179.2	15,500	47.0	184.0	14,300	130
135							21.4	148.2	16,800	30.7	163.6	15,700	37.7	173.1	14,600	43.6	179.1	13,500	135
140							13.5	132.3	15,900	25.6	154.3	14,900	33.6	166.2	13,800	40.0	173.5	12,800	140
145										19.4	142.2	14,100	29.0	157.9	13,100	36.2	167.1	12,100	145
150										9.9	123.1	13,400	23.7	147.9	12,400	31.9	159.7	11,500	150
155													16.7	134.3	11,800	27.0	150.8	10,900	155
160													2.2	104.3	11,100	21.2	139.7	10,300	160
165																13.1	123.4	9,800	165



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

100 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.1	231.0	47,700*																45
50	71.8	229.5	45,700*																50
55	69.5	227.7	43,800*	71.9	229.2	45,800*													55
60	67.1	225.7	41,900*	69.6	227.4	43,900*													60
65	64.7	223.5	40,000*	67.2	225.4	42,100*													65
70	62.2	221.0	38,300*	64.8	223.2	40,300*													70
75	59.7	218.2	36,600*	62.3	220.7	38,500*	66.6	223.6	36,900										75
80	57.1	215.1	35,000*	59.8	218.0	36,000	64.1	221.4	33,900										80
85	54.5	211.7	33,400*	57.2	214.9	33,200	61.7	218.8	31,300										85
90	51.7	208.0	31,900	54.6	211.5	30,900	59.1	215.9	29,100										90
95	48.8	203.8	29,800	51.8	207.8	28,700	56.5	212.8	27,000	60.9	216.0	25,400							95
100	45.8	199.2	27,800	49.0	203.6	26,800	53.8	209.3	25,300	58.4	213.1	23,700							100
105	42.7	194.1	26,100	46.0	199.1	25,200	51.1	205.5	23,600	55.7	209.8	22,100							105
110	39.3	188.3	24,500	42.8	194.0	23,600	48.2	201.2	22,200	53.0	206.2	20,800	57.5	209.3	19,400				110
115	35.7	181.8	23,100	39.5	188.2	22,200	45.1	196.5	20,900	50.2	202.3	19,500	54.8	205.9	18,200				115
120	31.7	174.3	21,700	35.9	181.8	21,000	41.9	191.2	19,700	47.3	197.9	18,400	52.1	202.2	17,100				120
125	27.3	165.5	20,500	31.9	174.3	19,800	38.5	185.3	18,600	44.2	193.0	17,300	49.2	198.1	16,100				125
130	22.0	154.6	19,100*	27.5	165.6	18,700	34.8	178.6	17,500	40.9	187.6	16,400	46.2	193.6	15,200	51.0	197.2	14,100	130
135	15.0	139.6	15,400*	22.2	154.7	17,700	30.8	170.9	16,600	37.4	181.4	15,500	43.1	188.5	14,400	48.1	193.0	13,300	135
140				15.4	140.1	16,700*	26.1	161.6	15,700	33.7	174.4	14,600	39.8	182.9	13,600	45.0	188.2	12,500	140
145							20.6	150.1	14,900	29.4	166.3	13,900	36.2	176.5	12,900	41.8	183.0	11,900	145
150							12.9	133.4	14,100	24.6	156.5	13,200	32.3	169.1	12,200	38.4	177.0	11,200	150
155										18.6	143.9	12,500	27.9	160.5	11,600	34.7	170.3	10,600	155
160										9.5	123.9	11,800	22.7	149.9	11,000	30.6	162.5	10,100	160
165													16.1	135.7	10,400	26.0	153.2	9,500	165
170													2.1	104.5	9,800	20.4	141.5	9,000	170
175																12.6	124.6	8,600	175

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.3	241.4	44,000*																45
50	73.2	239.9	42,100*																50
55	71.0	238.3	40,300*																55
60	68.8	236.5	38,500*	71.1	238.0	40,400*													60
65	66.6	234.5	36,700*	68.9	236.2	38,600*													65
70	64.4	232.2	35,100*	66.7	234.2	36,900*													70
75	62.1	229.6	33,400*	64.5	231.9	35,200*													75
80	59.7	226.9	31,900*	62.2	229.4	33,700*	66.1	232.4	33,600										80
85	57.3	223.8	30,400*	59.8	226.6	32,100*	63.8	230.0	31,000										85
90	54.9	220.4	29,000*	57.4	223.6	30,600	61.5	227.4	28,700										90
95	52.3	216.8	27,700*	55.0	220.2	28,400	59.2	224.6	26,700										95
100	49.7	212.7	26,400*	52.4	216.6	26,500	56.8	221.5	24,900	60.8	224.7	23,300							100
105	47.0	208.3	25,200*	49.8	212.5	24,900	54.3	218.1	23,300	58.5	221.7	21,800							105
110	44.1	203.4	24,000*	47.1	208.1	23,300	51.7	214.3	21,900	56.0	218.5	20,400							110
115	41.1	197.9	22,800	44.2	203.2	21,900	49.1	210.1	20,500	53.5	215.0	19,100	57.7	218.0	17,800				115
120	37.8	191.8	21,500	41.2	197.8	20,700	46.3	205.6	19,300	50.9	211.1	18,000	55.2	214.6	16,700				120
125	34.4	185.0	20,300	38.0	191.7	19,500	43.4	200.6	18,200	48.3	206.9	17,000	52.7	211.0	15,700				125
130	30.5	177.1	19,200	34.5	184.9	18,400	40.3	195.0	17,200	45.5	202.2	16,000	50.0	207.0	14,800				130
135	26.2	167.9	18,200	30.7	177.1	17,500	37.1	188.8	16,300	42.5	197.0	15,100	47.3	202.6	14,000	51.6	206.1	12,900	135
140	21.2	156.5	16,500*	26.4	167.9	16,500	33.5	181.7	15,400	39.4	191.2	14,300	44.5	197.8	13,200	49.0	201.9	12,100	140
145	14.5	140.9	13,300*	21.4	156.7	15,700	29.6	173.6	14,600	36.0	184.8	13,500	41.5	192.4	12,500	46.2	197.4	11,500	145
150				14.8	141.4	14,400*	25.2	163.9	13,900	32.4	177.4	12,800	38.3	186.4	11,800	43.3	192.3	10,800	150
155							19.8	151.8	13,200	28.4	168.9	12,200	34.8	179.7	11,200	40.2	186.7	10,200	155
160							12.5	134.6	12,500	23.7	158.6	11,600	31.1	172.0	10,600	36.9	180.4	9,700	160
165										17.9	145.5	11,000	26.8	162.9	10,100	33.4	173.3	9,200	165
170										9.2	124.7	10,400	21.9	151.9	9,500	29.5	165.2	8,700	170
175													15.5	137.1	9,000	25.0	155.4	8,200	175
180													2.0	104.7	8,500	19.6	143.3	7,800	180
185																12.1	125.7	7,300	185



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

100 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.3	250.4	38,000*																50
55	72.3	248.9	37,200*																55
60	70.3	247.2	35,500*	72.4	248.6	36,100*													60
65	68.3	245.3	33,900*	70.4	246.9	35,400*													65
70	66.2	243.2	32,300*	68.3	245.0	34,000*													70
75	64.1	240.9	30,700*	66.3	242.9	32,400*													75
80	61.9	238.3	29,300*	64.2	240.6	30,900*	67.8	243.2	32,400*										80
85	59.7	235.5	27,800*	62.0	238.1	29,400*	65.7	241.1	30,900										85
90	57.5	232.5	26,500*	59.8	235.3	28,000*	63.6	238.7	28,600										90
95	55.2	229.2	25,200*	57.6	232.3	26,600*	61.4	236.1	26,600										95
100	52.9	225.5	23,900*	55.3	228.9	25,300*	59.2	233.3	24,800	63.0	236.0	23,200							100
105	50.4	221.6	22,700*	53.0	225.3	24,100*	57.0	230.2	23,200	60.8	233.3	21,600							105
110	47.9	217.2	21,600*	50.5	221.4	22,900*	54.7	226.8	21,700	58.6	230.4	20,300							110
115	45.3	212.5	20,600*	48.0	217.1	21,800*	52.3	223.1	20,400	56.3	227.2	19,000							115
120	42.5	207.3	19,500*	45.4	212.4	20,600	49.9	219.0	19,200	54.0	223.7	17,900	57.8	226.6	16,600				120
125	39.6	201.6	18,600*	42.6	207.2	19,400	47.3	214.6	18,100	51.6	219.9	16,900	55.5	223.4	15,600				125
130	36.5	195.2	17,700*	39.7	201.5	18,300	44.7	209.8	17,100	49.1	215.8	15,900	53.2	219.8	14,700				130
135	33.2	188.0	16,900*	36.6	195.1	17,400	41.9	204.5	16,200	46.5	211.2	15,000	50.7	215.9	13,900				135
140	29.5	179.8	16,100*	33.3	188.0	16,500	38.9	198.6	15,300	43.8	206.3	14,200	48.2	211.6	13,100	52.2	214.9	12,000	140
145	25.3	170.2	15,400*	29.7	179.8	15,600	35.8	192.1	14,500	41.0	200.8	13,400	45.6	206.9	12,400	49.8	210.8	11,300	145
150	20.4	158.3	14,500*	25.5	170.2	14,800	32.4	184.6	13,800	38.0	194.7	12,700	42.9	201.8	11,700	47.2	206.4	10,700	150
155	14.0	142.1	11,600*	20.7	158.5	14,100	28.6	176.2	13,100	34.8	188.0	12,100	40.0	196.1	11,100	44.6	201.5	10,100	155
160				14.3	142.7	12,700*	24.3	166.1	12,400	31.3	180.3	11,500	36.9	189.8	10,500	41.8	196.2	9,600	160
165							19.1	153.6	11,800	27.4	171.4	10,900	33.6	182.7	10,000	38.8	190.3	9,100	165
170							12.0	135.6	11,200	22.9	160.7	10,300	30.0	174.7	9,500	35.7	183.7	8,600	170
175										17.3	147.0	9,800	25.9	165.3	9,000	32.2	176.3	8,100	175
180										8.9	125.5	9,300	21.1	153.8	8,500	28.5	167.7	7,700	180
185													15.0	138.4	8,100	24.1	157.6	7,300	185
190													2.0	104.8	7,600	18.9	145.0	6,900	190
195																11.7	126.7	6,500	195

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.7	261.0	32,200*													50
55	73.8	259.6	30,600*													55
60	72.0	258.1	29,100*													60
65	70.1	256.4	27,600*	72.0	257.8	29,100*										65
70	68.1	254.5	26,200*	70.1	256.1	27,700*										70
75	66.2	252.4	24,900*	68.2	254.2	26,300*										75
80	64.2	250.0	23,600*	66.3	252.1	25,000*										80
85	62.2	247.5	22,400*	64.3	249.8	23,700*	67.7	252.4	25,700							85
90	60.2	244.8	21,200*	62.3	247.3	22,500*	65.8	250.3	23,600							90
95	58.1	241.8	20,100*	60.3	244.5	21,400*	63.8	247.9	21,700							95
100	56.0	238.5	19,100*	58.2	241.6	20,200*	61.8	245.3	20,100							100
105	53.8	235.0	18,100*	56.1	238.3	19,200*	59.7	242.5	18,600							105
110	51.5	231.2	17,100*	53.9	234.8	18,200*	57.6	239.5	17,200	61.1	242.5	15,300				110
115	49.2	227.1	16,200*	51.6	231.0	17,200*	55.5	236.2	16,000	59.1	239.7	14,100				115
120	46.8	222.6	15,300*	49.3	226.9	16,300*	53.3	232.6	14,900	57.0	236.6	13,100				120
125	44.3	217.6	14,500*	46.9	222.4	15,400*	51.0	228.7	13,900	54.8	233.2	12,200				125
130	41.6	212.3	13,700*	44.4	217.5	14,600*	48.7	224.5	12,900	52.6	229.5	11,300	56.2	232.7	9,700	130
135	38.9	206.4	13,000*	41.8	212.2	13,700	46.2	219.9	12,100	50.3	225.5	10,500	54.1	229.2	9,000	135
140	35.9	199.8	12,300*	39.0	206.3	12,800	43.7	214.9	11,300	47.9	221.2	9,800	51.8	225.5	8,300	140
145	32.8	192.5	11,600*	36.1	199.8	12,000	41.0	209.4	10,500	45.5	216.5	9,100	49.5	221.4	7,600	145
150	29.3	184.2	11,000*	32.9	192.5	11,300	38.2	203.4	9,800	42.9	211.3	8,400	47.1	216.9	7,100	150
155	25.4	174.5	10,500*	29.4	184.2	10,600	35.2	196.7	9,200	40.2	205.7	7,800	44.6	212.1	6,500	155
160	20.8	162.8	10,000*	25.6	174.6	9,900	32.0	189.1	8,600	37.3	199.4	7,300	42.0	206.7	6,000	160
165	15.0	147.3	9,500*	21.0	163.0	9,300	28.4	180.5	8,000	34.3	192.5	6,800	39.2	200.9	5,500	165
170	4.2	117.8	7,100*	15.3	147.8	8,700	24.4	170.5	7,500	31.0	184.7	6,300	36.3	194.5	5,100	170
175				5.2	120.1	8,100*	19.6	158.1	7,000	27.3	175.7	5,800	33.2	187.3	4,600	175
180							13.3	141.2	6,500	23.1	165.1	5,300	29.8	179.1	4,200	180
185										18.0	151.7	4,900				185
190										10.7	132.2	4,500				190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

110 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	65.1	170.4	85,200*b																35
40	59.8	167.8	75,800*b																40
45	54.1	164.5	68,200*b	60.6	167.8	75,800*b													45
50	47.9	160.5	62,100*	54.9	164.7	67,400b	65.4	168.8	63,900b										50
55	41.1	155.4	57,000*	48.9	160.7	59,700	60.0	166.2	56,600b										55
60	33.2	148.8	53,000*	42.2	155.8	53,600	54.3	163.0	50,800b										60
65	23.0	139.4	49,900*	34.5	149.5	48,400	48.2	159.0	45,900	59.3	163.7	43,400b							65
70				24.8	140.7	44,100	41.5	153.9	41,800	53.6	160.3	39,500b							70
75				7.6	123.5	36,400*	33.6	147.4	38,300	47.4	156.2	36,200							75
80							23.6	138.3	35,300	40.5	151.0	33,400	52.5	156.7	31,400				80
85							1.8	116.1	32,600	32.5	144.3	30,900	46.2	152.4	29,100				85
90										22.0	134.6	28,700	39.2	147.0	27,000	51.1	152.1	25,300	90
95													30.9	139.9	25,200	44.7	147.5	23,600	95
100													19.7	129.3	23,500	37.4	141.8	22,100	100
105																28.6	134.1	20,700	105
110																16.1	121.9	19,400	110

110 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	68.9	181.2	82,100*b																35
40	64.4	179.1	75,500*b																40
45	59.8	176.4	67,900*b	65.1	179.0	73,400*b													45
50	54.9	173.2	61,500*	60.5	176.5	67,200b													50
55	49.8	169.4	56,400*	55.7	173.4	59,600	64.6	177.5	56,400b										55
60	44.2	164.7	52,200*	50.6	169.6	53,400	60.0	174.9	50,500b										60
65	37.9	159.0	48,700*	45.0	165.1	48,300	55.2	171.7	45,700										65
70	30.7	151.6	45,400	38.9	159.5	44,000	50.0	167.9	41,600	59.4	172.3	39,200b							70
75	21.3	141.4	40,800*	31.8	152.5	40,400	44.4	163.2	38,200	54.5	169.1	36,000							75
80				22.9	142.8	37,200	38.3	157.6	35,200	49.3	165.1	33,100							80
85				7.0	124.1	30,800*	31.0	150.3	32,600	43.7	160.4	30,700	53.6	165.5	28,800				85
90							21.9	140.3	30,300	37.4	154.6	28,500	48.4	161.4	26,800				90
95							1.7	116.2	28,100	30.0	147.1	26,600	42.6	156.5	25,000	52.5	160.9	23,400	95
100										20.4	136.4	24,800	36.2	150.4	23,300	47.1	156.6	21,800	100
105													28.5	142.5	21,900	41.2	151.5	20,400	105
110													18.2	131.0	20,500	34.5	145.0	19,200	110
115																26.5	136.6	18,100	115
120																14.9	123.3	17,000	120

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	71.6	191.9	78,700*b																35
40	67.8	190.0	72,800*b																40
45	63.9	187.8	67,300*	68.4	189.9	70,900*b													45
50	59.8	185.1	61,300*	64.5	187.7	65,900*													50
55	55.6	181.9	56,000*	60.4	185.1	59,200	68.0	188.4	56,000b										55
60	51.1	178.2	51,700*	56.2	182.1	53,100	64.1	186.2	50,100										60
65	46.4	173.8	48,100*	51.8	178.4	48,000	60.0	183.5	45,300										65
70	41.2	168.6	45,100*	47.1	174.1	43,700	55.8	180.4	41,300										70
75	35.4	162.3	41,400	42.0	169.1	40,100	51.3	176.7	37,800	59.5	181.0	35,500							75
80	28.6	154.3	38,200	36.3	162.9	36,900	46.6	172.3	34,800	55.2	177.8	32,700							80
85	19.9	143.2	34,000*	29.7	155.2	34,200	41.4	167.2	32,200	50.7	174.0	30,300							85
90				21.4	144.8	31,800	35.7	160.9	30,000	46.0	169.6	28,100	54.5	174.2	26,300				90
95				6.6	124.7	26,100*	29.0	153.0	27,900	40.7	164.3	26,200	49.9	170.3	24,500				95
100							20.4	142.1	26,100	34.9	157.8	24,500	45.1	165.7	22,900				100
105							1.6	116.4	24,400	28.0	149.6	23,000	39.8	160.3	21,500	48.8	165.6	20,000	105
110										19.0	138.2	21,600	33.8	153.6	20,200	43.9	160.8	18,800	110
115													26.7	145.0	19,000	38.4	155.1	17,700	115
120													17.0	132.5	17,900	32.3	148.0	16,600	120
125																24.7	138.8	15,700	125
130																13.9	124.6	14,800	130



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

110 Ft. Boom, 90 Ft. Luffing Jib

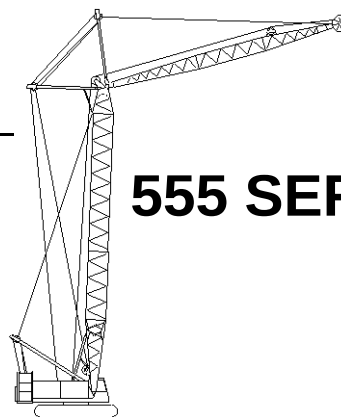
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	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	
35	73.7	202.4	66,000*b																35
40	70.4	200.7	66,000*b																40
45	67.0	198.8	63,800*	70.9	200.6	66,000*b													45
50	63.5	196.5	59,900*	67.5	198.7	62,700*													50
55	59.8	193.8	56,200*	64.0	196.4	58,600*													55
60	56.1	190.6	52,100*	60.4	193.8	52,900	67.1	197.1	49,900										60
65	52.2	187.0	48,300*	56.7	190.7	47,800	63.6	194.9	45,000										65
70	48.0	182.8	45,000	52.8	187.2	43,500	60.0	192.2	41,000										70
75	43.6	178.0	41,300	48.6	183.1	39,900	56.3	189.1	37,600										75
80	38.7	172.2	38,000	44.2	178.4	36,700	52.4	185.5	34,600	59.5	189.6	32,500							80
85	33.3	165.4	35,200	39.5	172.8	34,000	48.2	181.3	32,000	55.8	186.5	30,000							85
90	27.0	156.7	32,700	34.2	166.1	31,600	43.8	176.5	29,700	51.8	182.8	27,900							90
95	18.8	144.9	29,000*	28.0	157.8	29,500	39.0	170.8	27,700	47.7	178.6	26,000	55.1	182.9	24,300				95
100				20.2	146.6	27,600	33.6	164.0	25,900	43.2	173.7	24,300	51.1	179.2	22,700				100
105				6.2	125.3	22,600*	27.3	155.5	24,300	38.3	167.9	22,800	46.9	174.8	21,200				105
110							19.2	143.9	22,800	32.8	160.9	21,400	42.4	169.7	19,900	50.2	174.4	18,500	110
115							1.5	116.5	21,400	26.4	152.1	20,100	37.4	163.8	18,700	45.9	169.9	17,400	115
120										17.9	139.8	18,900	31.8	156.5	17,700	41.3	164.7	16,400	120
125													25.1	147.3	16,700	36.2	158.5	15,400	125
130													16.0	134.0	15,700	30.4	150.8	14,600	130
135																23.3	140.9	13,800	135
140																13.1	125.7	13,000	140

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	75.4	212.7	63,000*b																35
40	72.4	211.3	62,000*b																40
45	69.4	209.5	59,400*	72.9	211.1	62,500*b													45
50	66.3	207.5	56,700*	69.8	209.4	60,000*													50
55	63.1	205.1	54,200*	66.8	207.4	56,600*													55
60	59.9	202.4	51,100*	63.6	205.1	52,500													60
65	56.5	199.3	48,200*	60.3	202.5	47,400	66.4	205.9	44,600										65
70	53.0	195.8	44,700	57.0	199.4	43,200	63.3	203.5	40,600										70
75	49.3	191.8	41,000	53.5	195.9	39,600	60.0	200.8	37,200										75
80	45.4	187.1	37,800	49.9	192.0	36,400	56.7	197.7	34,200	62.9	201.1	32,000							80
85	41.2	181.9	34,900	46.0	187.5	33,700	53.2	194.2	31,700	59.6	198.3	29,600							85
90	36.7	175.7	32,500	41.9	182.3	31,300	49.5	190.2	29,400	56.2	195.2	27,500							90
95	31.5	168.3	30,300	37.4	176.2	29,200	45.6	185.7	27,400	52.7	191.6	25,600							95
100	25.6	159.1	28,300	32.4	169.1	27,300	41.4	180.4	25,600	49.0	187.5	23,900	55.6	191.6	22,200				100
105	17.8	146.5	24,800*	26.5	160.2	25,600	36.9	174.3	24,000	45.1	182.9	22,400	52.1	187.9	20,800				105
110				19.1	148.3	24,000	31.8	166.9	22,500	40.9	177.5	21,000	48.3	183.8	19,500				110
115				5.9	125.8	19,400*	25.9	157.9	21,200	36.3	171.2	19,800	44.4	179.0	18,300	51.2	183.3	16,900	115
120							18.2	145.5	20,000	31.1	163.7	18,600	40.1	173.5	17,300	47.4	179.0	15,900	120
125							1.4	116.6	18,800	25.0	154.4	17,600	35.4	167.1	16,300	43.4	174.1	15,000	125
130										17.0	141.3	16,600	30.1	159.3	15,400	39.1	168.4	14,200	130
135													23.8	149.5	14,500	34.3	161.6	13,400	135
140													15.2	135.4	13,700	28.8	153.5	12,700	140
145																22.1	143.0	12,000	145
150																12.4	126.9	11,300	150



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

110 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	74.1	221.7	57,600*																40
45	71.3	220.2	55,300*																45
50	68.6	218.3	53,000*	71.7	220.0	55,800*													50
55	65.7	216.2	50,800*	69.0	218.2	53,600*													55
60	62.8	213.8	48,500*	66.2	216.2	51,300*													60
65	59.9	211.1	46,400*	63.3	213.8	47,400													65
70	56.8	208.0	44,400*	60.3	211.1	43,100	65.9	214.6	40,500										70
75	53.6	204.5	40,900	57.3	208.1	39,500	63.0	212.2	37,100										75
80	50.3	200.6	37,700	54.1	204.7	36,400	60.0	209.5	34,100										80
85	46.9	196.2	34,900	50.8	200.8	33,600	57.0	206.4	31,600	62.6	209.7	29,500							85
90	43.2	191.2	32,400	47.4	196.5	31,300	53.8	203.0	29,300	59.6	207.0	27,400							90
95	39.2	185.5	30,200	43.7	191.6	29,100	50.5	199.1	27,300	56.6	203.9	25,500							95
100	34.9	178.9	28,300	39.8	186.0	27,300	47.0	194.7	25,500	53.4	200.3	23,800							100
105	30.0	171.0	26,500	35.6	179.5	25,600	43.4	189.7	23,900	50.1	196.4	22,300	56.0	200.3	20,700				105
110	24.3	161.3	24,900	30.8	171.9	24,000	39.4	184.1	22,500	46.6	191.9	20,900	52.8	196.7	19,400				110
115	17.0	148.0	21,500*	25.3	162.5	22,600	35.1	177.5	21,200	42.9	186.9	19,700	49.5	192.7	18,300				115
120				18.2	150.0	21,300	30.3	169.7	20,000	38.9	181.1	18,600	45.9	188.1	17,200	52.0	192.1	15,800	120
125				5.6	126.3	17,000*	24.7	160.1	18,800	34.5	174.4	17,500	42.2	183.0	16,200	48.7	187.9	14,900	125
130							17.4	147.1	17,800	29.6	166.4	16,600	38.2	177.1	15,300	45.1	183.2	14,100	130
135							1.3	116.8	16,800	23.8	156.5	15,700	33.7	170.2	14,500	41.3	177.9	13,300	135
140										16.2	142.8	14,800	28.7	161.9	13,700	37.2	171.8	12,600	140
145													22.7	151.5	13,000	32.6	164.6	11,900	145
150													14.5	136.6	12,300	27.4	156.0	11,300	150
155																21.1	144.9	10,700	155
160																11.8	127.9	10,100	160

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.4	232.1	53,300*																40
45	72.9	230.7	51,200*																45
50	70.4	229.0	49,100*																50
55	67.9	227.1	47,000*	70.8	228.9	49,400*													55
60	65.3	224.9	45,000*	68.2	227.0	47,500*													60
65	62.6	222.5	43,100*	65.7	224.9	45,500*													65
70	59.9	219.7	41,200*	63.0	222.5	42,800	68.0	225.5	40,100										70
75	57.1	216.7	39,400*	60.3	219.8	39,200	65.4	223.3	36,700										75
80	54.2	213.3	37,400	57.5	216.8	36,100	62.7	220.9	33,800										80
85	51.2	209.4	34,600	54.6	213.4	33,300	60.0	218.2	31,200										85
90	48.0	205.2	32,200	51.6	209.6	31,000	57.2	215.1	29,000	62.4	218.4	27,000							90
95	44.8	200.4	30,000	48.5	205.5	28,800	54.3	211.7	27,000	59.7	215.6	25,100							95
100	41.3	195.1	28,000	45.3	200.8	27,000	51.3	207.9	25,200	56.9	212.5	23,400							100
105	37.5	189.0	26,300	41.8	195.5	25,300	48.2	203.7	23,600	53.9	209.1	21,900							105
110	33.4	181.9	24,700	38.1	189.5	23,700	44.9	198.9	22,100	50.9	205.2	20,600	56.4	209.0	19,000				110
115	28.7	173.6	23,300	34.0	182.7	22,300	41.4	193.6	20,800	47.8	200.9	19,300	53.4	205.5	17,900				115
120	23.3	163.4	21,900	29.5	174.6	21,100	37.7	187.6	19,600	44.5	196.1	18,200	50.4	201.6	16,800				120
125	16.2	149.5	18,600*	24.2	164.7	19,900	33.6	180.6	18,500	41.0	190.7	17,200	47.2	197.2	15,800	52.7	200.9	14,500	125
130				17.5	151.6	18,800	29.0	172.4	17,500	37.2	184.6	16,200	43.9	192.3	14,900	49.7	196.8	13,700	130
135				5.4	126.8	14,700*	23.6	162.2	16,600	33.0	177.4	15,300	40.3	186.7	14,100	46.5	192.3	12,900	135
140							16.6	148.6	15,700	28.3	169.0	14,500	36.5	180.4	13,400	43.1	187.3	12,200	140
145							1.3	116.9	14,800	22.8	158.6	13,800	32.2	173.1	12,600	39.5	181.6	11,500	145
150										15.5	144.2	13,100	27.4	164.4	12,000	35.5	175.1	10,900	150
155													21.7	153.5	11,400	31.2	167.5	10,300	155
160													13.9	137.9	10,800	26.2	158.4	9,800	160
165																20.1	146.7	9,300	165
170																11.3	128.9	8,800	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

110 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.3	241.1	47,100*																45
50	72.0	239.6	45,200*																50
55	69.6	237.8	43,400*	72.3	239.4	45,500*													55
60	67.3	235.9	41,600*	70.0	237.7	43,700*													60
65	64.9	233.6	39,800*	67.6	235.8	42,000*													65
70	62.4	231.2	38,100*	65.2	233.6	40,200*													70
75	59.9	228.4	36,500*	62.8	231.1	38,600*	67.4	234.2	36,400										75
80	57.3	225.4	34,900*	60.3	228.4	35,800	65.0	232.0	33,500										80
85	54.6	222.0	33,400*	57.7	225.4	33,100	62.5	229.6	30,900										85
90	51.9	218.2	31,900	55.0	222.1	30,700	60.0	226.8	28,700										90
95	49.0	214.1	29,800	52.3	218.4	28,600	57.4	223.8	26,700	62.2	227.1	24,800							95
100	46.1	209.6	27,800	49.5	214.4	26,700	54.8	220.4	24,900	59.7	224.3	23,100							100
105	42.9	204.5	26,100	46.5	209.9	25,000	52.0	216.7	23,300	57.1	221.2	21,600							105
110	39.6	198.7	24,500	43.4	204.9	23,500	49.2	212.6	21,900	54.4	217.8	20,300							110
115	36.0	192.3	23,100	40.1	199.2	22,100	46.2	208.1	20,600	51.7	214.0	19,100	56.6	217.7	17,600				115
120	32.0	184.9	21,700	36.5	192.9	20,900	43.1	203.0	19,400	48.8	209.9	17,900	54.0	214.2	16,500				120
125	27.6	176.2	20,500	32.6	185.7	19,700	39.7	197.3	18,300	45.8	205.3	16,900	51.2	210.4	15,500				125
130	22.4	165.4	19,400	28.3	177.2	18,600	36.2	190.9	17,300	42.6	200.1	16,000	48.3	206.1	14,700				130
135	15.6	150.9	16,100*	23.2	166.8	17,700	32.2	183.6	16,400	39.3	194.4	15,100	45.3	201.4	13,800	50.5	205.7	12,600	135
140				16.8	153.1	16,700	27.8	174.9	15,500	35.7	187.9	14,300	42.1	196.2	13,100	47.6	201.4	11,900	140
145				5.2	127.2	12,800*	22.7	164.3	14,700	31.7	180.4	13,500	38.7	190.3	12,400	44.5	196.5	11,300	145
150							16.0	150.0	14,000	27.2	171.5	12,800	35.0	183.7	11,700	41.3	191.1	10,600	150
155							1.2	117.0	12,900*	21.9	160.6	12,200	30.9	175.9	11,100	37.8	185.1	10,100	155
160										14.9	145.5	11,600	26.4	166.8	10,500	34.1	178.2	9,500	160
165													20.8	155.4	10,000	29.9	170.2	9,000	165
170													13.3	139.1	9,500	25.2	160.6	8,500	170
175																19.3	148.4	8,100	175
180																10.9	129.9	7,600	180

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	75.4	251.4	43,100*																45
50	73.3	250.1	41,600*																50
55	71.2	248.4	39,900*																55
60	69.0	246.6	38,200*																60
65	66.8	244.6	36,500*	71.5	248.3	40,100*													65
				69.3	246.5	38,500*													
70	64.5	242.3	34,900*	67.1	244.5	36,900*													70
75	62.2	239.8	33,300*	64.9	242.3	35,300*													75
80	59.9	237.1	31,800*	62.6	239.8	33,700*	66.9	243.0	33,100										80
85	57.5	234.0	30,400*	60.2	237.1	32,200*	64.6	240.7	30,600										85
90	55.0	230.7	29,000*	57.9	234.1	30,400	62.3	238.2	28,300										90
95	52.5	227.0	27,700*	55.4	230.8	28,300	60.0	235.5	26,400										95
100	49.9	223.0	26,400*	52.9	227.2	26,400	57.6	232.4	24,600	62.0	235.7	22,800							100
105	47.1	218.6	25,200*	50.3	223.2	24,700	55.2	229.1	23,000	59.7	232.9	21,300							105
110	44.3	213.7	24,100*	47.6	218.9	23,200	52.6	225.5	21,600	57.3	229.9	19,900							110
115	41.3	208.3	22,800	44.7	214.1	21,800	50.0	221.5	20,300	54.8	226.5	18,700							115
120	38.1	202.3	21,500	41.7	208.7	20,600	47.3	217.1	19,100	52.3	222.8	17,600	56.9	226.4	16,100				120
125	34.6	195.5	20,300	38.6	202.8	19,400	44.4	212.2	18,000	49.7	218.8	16,600	54.4	222.9	15,100				125
130	30.8	187.7	19,200	35.1	196.1	18,400	41.4	206.9	17,000	46.9	214.3	15,600	51.8	219.2	14,300				130
135	26.6	178.6	18,200	31.4	188.5	17,400	38.2	200.9	16,100	44.1	209.4	14,700	49.2	215.1	13,500				135
140	21.5	167.4	17,200*	27.2	179.6	16,500	34.8	194.1	15,200	41.0	203.9	13,900	46.4	210.5	12,700	51.2	214.5	11,500	140
145	15.0	152.2	13,900*	22.4	168.8	15,600	31.0	186.4	14,400	37.8	197.9	13,200	43.5	205.5	12,000	48.6	210.3	10,800	145
150				16.2	154.5	14,800	26.8	177.3	13,700	34.3	191.0	12,500	40.5	200.0	11,400	45.8	205.7	10,200	150
155				5.0	127.7	11,000*	21.8	166.2	13,000	30.5	183.1	11,900	37.2	193.8	10,700	42.8	200.5	9,700	155
160							15.4	151.4	12,300	26.2	173.9	11,200	33.7	186.7	10,200	39.7	194.8	9,100	160
165							1.2	117.1	11,200*	21.1	162.4	10,700	29.8	178.7	9,600	36.4	188.5	8,600	165
170										14.4	146.8	10,100	25.4	169.1	9,100	32.8	181.2	8,200	170
175													20.1	157.2	8,700	28.8	172.8	7,700	175
180													12.9	140.2	8,200	24.2	162.8	7,300	180
185																18.6	150.1	6,900	185
190																10.5	130.9	6,500	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

110 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.8	260.7	33,000*													50
55	72.9	259.3	33,000*													55
60	70.8	257.6	31,500*													60
65	68.8	255.8	30,100*	71.1	257.5	31,800*										65
70	66.7	253.8	28,700*	69.1	255.7	30,300*										70
75	64.7	251.5	27,300*	67.1	253.7	28,900*										75
80	62.5	249.0	26,000*	65.0	251.5	27,600*										80
85	60.3	246.3	24,800*	62.8	249.0	26,300*	66.9	252.1	25,600							85
90	58.1	243.3	23,600*	60.7	246.3	25,100*	64.8	249.9	23,500							90
95	55.8	240.1	22,500*	58.5	243.4	23,900*	62.6	247.4	21,700							95
100	53.5	236.5	21,400*	56.2	240.2	22,500	60.5	244.7	20,000							100
105	51.1	232.7	20,400*	53.9	236.7	20,900	58.2	241.7	18,600	62.3	244.9	16,300				105
110	48.6	228.4	19,400*	51.5	232.9	19,400	56.0	238.5	17,200	60.2	242.2	15,100				110
115	46.0	223.8	18,500*	49.0	228.7	18,100	53.6	235.0	16,000	57.9	239.2	14,000				115
120	43.3	218.8	17,600*	46.4	224.1	16,900	51.2	231.1	14,900	55.7	235.9	13,000				120
125	40.4	213.2	16,800*	43.7	219.2	15,800	48.7	226.9	13,900	53.3	232.4	12,100	57.5	235.7	10,200	125
130	37.4	207.0	15,900	40.8	213.7	14,800	46.1	222.3	13,000	50.9	228.5	11,200	55.3	232.4	9,400	130
135	34.1	200.0	15,000	37.8	207.6	13,900	43.4	217.3	12,200	48.4	224.2	10,400	52.9	228.7	8,700	135
140	30.5	192.1	14,100	34.6	200.7	13,100	40.6	211.7	11,400	45.8	219.6	9,700	50.5	224.8	8,100	140
145	26.5	182.9	13,200	31.1	193.0	12,300	37.5	205.6	10,600	43.0	214.4	9,000	47.9	220.5	7,500	145
150	21.9	171.8	12,400	27.2	184.0	11,500	34.3	198.7	10,000	40.2	208.8	8,400	45.3	215.7	6,900	150
155	16.0	157.2	11,700	22.6	173.2	10,800	30.7	190.8	9,300	37.1	202.6	7,800	42.6	210.6	6,400	155
160	5.9	131.3	9,100*	17.0	159.3	10,100	26.7	181.7	8,700	33.8	195.6	7,300	39.7	204.8	5,900	160
165				8.2	136.9	9,500	22.1	170.7	8,100	30.2	187.6	6,800	36.6	198.4	5,400	165
170							16.3	156.3	7,600	26.2	178.2	6,300	33.2	191.3	5,000	170
175							6.7	131.8	7,100	21.4	166.9	5,800	29.6	183.1	4,500	175
180										15.4	151.9	5,400	25.4	173.5	4,200	180
185										4.1	122.8	4,900				185

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

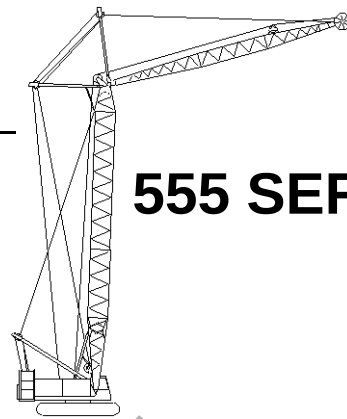
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.8	271.1	31,500*													50
55	74.0	269.7	30,400*													55
60	72.1	268.2	29,000*													60
65	70.2	266.5	27,600*	72.4	268.0	29,100*										65
70	68.3	264.6	26,200*	70.5	266.4	27,800*										70
75	66.3	262.5	24,900*	68.6	264.5	26,400*										75
80	64.4	260.2	23,600*	66.6	262.4	25,100*										80
85	62.4	257.7	22,400*	64.7	260.2	23,900*										85
90	60.3	255.0	21,300*	62.7	257.7	22,700*	66.4	260.9	23,100							90
95	58.2	252.0	20,200*	60.6	255.0	21,500*	64.5	258.6	21,200							95
100	56.1	248.8	19,100*	58.6	252.1	20,400*	62.5	256.1	19,600							100
105	53.9	245.3	18,100*	56.4	248.9	19,300*	60.4	253.4	18,100							105
110	51.7	241.5	17,200*	54.3	245.4	18,300*	58.3	250.4	16,800	62.2	253.6	14,600				110
115	49.4	237.4	16,300*	52.0	241.7	17,400*	56.2	247.2	15,600	60.2	250.9	13,500				115
120	47.0	232.9	15,400*	49.7	237.6	16,400*	54.0	243.7	14,500	58.1	247.9	12,500				120
125	44.5	228.0	14,600*	47.3	233.2	15,500	51.8	239.9	13,500	55.9	244.6	11,600				125
130	41.8	222.7	13,800*	44.8	228.4	14,500	49.5	235.8	12,600	53.7	241.1	10,700	57.7	244.3	8,900	130
135	39.1	216.8	13,100*	42.2	223.1	13,500	47.1	231.4	11,700	51.5	237.3	10,000	55.6	241.1	8,200	135
140	36.1	210.3	12,400*	39.5	217.3	12,700	44.6	226.5	11,000	49.2	233.1	9,200	53.4	237.5	7,600	140
145	33.0	203.1	11,700*	36.6	210.9	11,900	42.0	221.2	10,200	46.8	228.6	8,600	51.1	233.6	7,000	145
150	29.5	194.8	11,100*	33.5	203.8	11,100	39.2	215.4	9,500	44.2	223.7	8,000	48.8	229.4	6,400	150
155	25.7	185.2	10,500*	30.1	195.7	10,400	36.3	208.9	8,900	41.6	218.3	7,400	46.3	224.8	5,900	155
160	21.2	173.7	10,000*	26.3	186.4	9,800	33.1	201.7	8,300	38.8	212.4	6,800	43.8	219.8	5,400	160
165	15.5	158.6	9,600*	21.9	175.2	9,200	29.7	193.5	7,700	35.9	205.9	6,300	41.1	214.4	4,900	165
170	5.7	131.8	7,700*	16.4	160.8	8,600	25.9	184.0	7,200	32.7	198.5	5,800	38.3	208.4	4,500	170
175				7.9	137.6	8,000	21.4	172.6	6,700	29.2	190.2	5,400	35.4	201.7	4,100	175
180							15.8	157.7	6,200	25.3	180.5	5,000				180
185							6.5	132.4	5,800	20.8	168.8	4,500				185
190										14.9	153.2	4,100				190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

120 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	65.5	180.6	82,600*b																35
40	60.1	178.0	73,900*b																40
45	54.5	174.8	66,600*b	61.5	178.3	73,600*b													45
50	48.4	170.8	60,700*	55.9	175.2	67,100b													50
55	41.6	165.8	56,000*	50.0	171.4	59,500	61.9	177.0	56,100b										55
60	33.8	159.3	52,100*	43.4	166.7	53,300	56.4	174.0	50,200b										60
65	23.9	150.2	49,100*	35.9	160.7	48,200	50.4	170.3	45,400	62.1	174.8	42,700b							65
70	3.8	129.9	31,800*	26.7	152.5	43,900	43.9	165.7	41,400	56.6	171.8	38,900b							70
75				12.4	138.4	40,200	36.5	159.7	38,000	50.7	168.1	35,600							75
80							27.5	151.7	35,000	44.2	163.5	32,800	56.6	168.6	30,700b				80
85							13.9	138.5	32,300	36.8	157.7	30,400	50.6	164.9	28,400				85
90										27.9	149.8	28,200	44.1	160.3	26,400				90
95										14.7	137.0	26,300	36.8	154.4	24,600	50.2	160.5	22,900	95
100													27.8	146.5	23,000	43.6	155.8	21,400	100
105													14.6	133.6	21,500	36.2	149.8	20,000	105
110																27.1	141.7	18,800	110
115																13.1	128.0	17,600	115

120 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	69.2	191.4	79,400*b																35
40	64.7	189.2	73,100*b																40
45	60.1	186.6	66,100*b	65.9	189.4	71,200*b													45
50	55.3	183.5	60,100*	61.3	186.9	65,800*b													50
55	50.1	179.7	55,200*	56.5	183.9	59,300	66.2	188.1	55,800b										55
60	44.6	175.1	51,300*	51.5	180.3	53,100	61.7	185.7	50,000b										60
65	38.4	169.4	47,900*	46.0	175.9	48,100	56.9	182.7	45,200										65
70	31.2	162.2	45,100*	40.0	170.5	43,800	51.9	179.1	41,200	61.8	183.4	38,600b							70
75	22.1	152.2	41,600	33.2	163.8	40,200	46.4	174.8	37,800	57.1	180.5	35,400							75
80	3.5	130.2	27,400*	24.7	154.7	37,000	40.5	169.5	34,800	52.1	176.9	32,600							80
85				11.5	139.4	34,200	33.7	162.9	32,200	46.7	172.6	30,200	57.1	177.2	28,100				85
90							25.4	154.1	29,900	40.7	167.4	28,000	52.0	173.7	26,100				90
95							12.9	139.7	27,900	34.0	160.9	26,100	46.6	169.4	24,300				95
100										25.8	152.2	24,400	40.7	164.1	22,800	51.7	169.3	21,100	100
105										13.6	138.2	22,900	33.9	157.6	21,300	46.2	164.9	19,800	105
110													25.7	148.9	20,000	40.2	159.6	18,600	110
115													13.5	134.8	18,800	33.4	153.0	17,500	115
120																25.0	144.0	16,400	120
125																12.2	129.1	15,500	125

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



120 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	71.9	202.0	76,000*b																35
40	68.1	200.2	70,400*b																40
45	64.2	197.9	65,300*	69.1	200.2	68,600*b													45
50	60.1	195.3	59,600*	65.2	198.1	63,700*b													50
55	55.9	192.2	54,900*	61.1	195.6	59,000													55
60	51.4	188.5	50,600*	57.0	192.6	52,800	65.5	196.8	49,600b										60
65	46.7	184.2	47,200*	52.6	189.1	47,800	61.4	194.3	44,800										65
70	41.6	179.0	44,300*	47.9	184.9	43,500	57.3	191.4	40,800										70
75	35.8	172.8	41,400	42.9	180.0	39,900	52.9	187.9	37,400	61.6	192.1	34,900							75
80	29.1	164.9	38,100	37.3	174.0	36,800	48.3	183.8	34,400	57.5	189.2	32,200							80
85	20.6	154.1	35,200*	31.0	166.7	34,000	43.3	178.9	31,900	53.1	185.7	29,700							85
90	3.3	130.5	23,300*	23.1	156.9	31,600	37.8	173.1	29,600	48.5	181.6	27,600	57.4	185.9	25,700				90
95				10.7	140.4	29,200*	31.5	165.8	27,600	43.5	176.8	25,800	53.1	182.4	23,900				95
100							23.7	156.3	25,800	38.0	171.0	24,100	48.4	178.4	22,300				100
105							12.1	140.8	24,200	31.7	163.8	22,600	43.5	173.5	20,900	52.7	178.1	19,300	105
110										24.1	154.4	21,200	38.0	167.7	19,600	48.1	173.9	18,100	110
115										12.7	139.4	19,900	31.7	160.5	18,500	43.1	169.1	17,000	115
120													24.0	151.1	17,400	37.5	163.2	16,000	120
125													12.6	135.9	16,400	31.2	155.9	15,100	125
130																23.4	146.2	14,300	130
135																11.4	130.2	13,400	135



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

120 Ft. Boom, 90 Ft. Luffing Jib

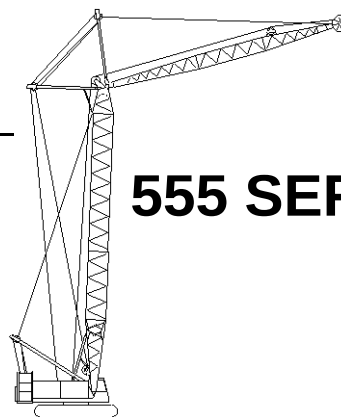
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	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	
35	74.0	212.4	65,400*b																35
40	70.6	210.8	64,400*b																40
45	67.2	208.9	62,000*	71.5	210.9	64,800*b													45
50	63.7	206.6	58,000*	68.1	209.0	60,600*													50
55	60.1	204.0	54,300*	64.6	206.8	56,700*													55
60	56.4	200.9	50,800*	61.0	204.2	52,600													60
65	52.4	197.3	47,300*	57.3	201.3	47,500	64.9	205.5	44,500										65
70	48.3	193.1	44,100*	53.4	197.8	43,300	61.3	203.0	40,500										70
75	43.9	188.3	41,200	49.4	193.8	39,700	57.6	200.1	37,100										75
80	39.1	182.7	38,000	45.0	189.2	36,600	53.7	196.6	34,200	61.4	200.8	31,900							80
85	33.7	175.9	35,100	40.3	183.8	33,800	49.7	192.7	31,600	57.7	197.8	29,500							85
90	27.4	167.4	32,700	35.1	177.3	31,400	45.4	188.1	29,400	53.9	194.4	27,400							90
95	19.4	155.9	30,000*	29.1	169.4	29,300	40.7	182.7	27,400	49.8	190.5	25,500	57.7	194.6	23,600				95
100	3.1	130.8	20,100*	21.7	158.8	27,400	35.5	176.4	25,600	45.5	186.0	23,800	53.9	191.2	22,000				100
105				10.1	141.3	25,100*	29.6	168.6	24,000	40.9	180.6	22,300	49.8	187.2	20,600				105
110							22.4	158.3	22,600	35.8	174.3	21,000	45.5	182.7	19,400				110
115							11.4	141.8	21,200	29.9	166.6	19,700	40.9	177.4	18,200	49.5	182.9	16,700	115
120										22.7	156.4	18,600	35.7	171.0	17,200	45.2	178.3	15,800	120
125										12.0	140.4	17,500	29.8	163.3	16,200	40.5	172.9	14,800	125
130													22.6	153.1	15,300	35.3	166.4	14,000	130
135													11.9	137.0	14,400	29.4	158.6	13,200	135
140																22.0	148.2	12,500	140
145																10.7	131.1	11,800	145

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
35	75.6	222.8	61,100*b																35
40	72.6	221.4	60,200*b																40
45	69.6	219.7	58,800*																45
50	66.5	217.6	55,900*	70.4	219.7	58,200*													50
55	63.3	215.3	52,500*	67.3	217.8	54,700*													55
60	60.1	212.6	49,400*	64.1	215.5	51,400*													60
65	56.7	209.6	46,600*	60.9	212.9	47,200	67.5	216.5	44,100										65
70	53.2	206.0	43,900*	57.6	209.9	43,000	64.4	214.2	40,100										70
75	49.6	202.1	40,900	54.1	206.5	39,400	61.2	211.7	36,800										75
80	45.7	197.5	37,700	50.5	202.7	36,200	57.8	208.7	33,800										80
85	41.5	192.2	34,900	46.7	198.3	33,500	54.4	205.4	31,300	61.3	209.4	29,000							85
90	37.0	186.1	32,400	42.6	193.2	31,100	50.8	201.5	29,000	58.0	206.5	26,900							90
95	31.9	178.8	30,200	38.2	187.3	29,000	47.0	197.2	27,100	54.5	203.2	25,100							95
100	26.0	169.8	28,300	33.3	180.4	27,100	42.9	192.2	25,300	50.9	199.4	23,400	57.9	203.2	21,600				100
105	18.4	157.6	25,600*	27.6	171.9	25,400	38.5	186.4	23,700	47.1	195.0	21,900	54.5	199.9	20,200				105
110	2.9	131.0	17,300*	20.6	160.7	23,900	33.7	179.5	22,200	43.1	190.0	20,600	50.9	196.1	18,900				110
115				9.6	142.2	21,600*	28.1	171.1	20,900	38.7	184.3	19,400	47.1	191.7	17,800				115
120							21.2	160.2	19,700	33.9	177.4	18,200	43.1	186.8	16,800	50.6	191.7	15,300	120
125							10.8	142.8	18,600	28.3	169.2	17,200	38.7	181.0	15,800	46.8	187.3	14,400	125
130										21.5	158.4	16,300	33.8	174.2	14,900	42.8	182.3	13,600	130
135										11.4	141.5	15,300	28.3	165.9	14,100	38.3	176.4	12,800	135
140													21.5	155.1	13,300	33.5	169.5	12,100	140
145													11.3	138.0	12,600	27.8	161.1	11,500	145
150																20.9	150.1	10,800	150
155																10.2	132.1	10,200	155



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

120 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	74.2	231.8	56,200*																40
45	71.5	230.3	54,600*																45
50	68.7	228.5	52,500*	72.2	230.2	55,300*													50
55	65.9	226.4	50,400*	69.5	228.5	52,700*													55
60	63.0	224.0	47,900*	66.6	226.5	49,800*													60
65	60.1	221.3	45,300*	63.8	224.2	47,000*													65
70	57.0	218.2	42,900*	60.8	221.6	42,900	66.9	225.2	40,000										70
75	53.9	214.8	40,600*	57.8	218.6	39,300	64.0	222.9	36,700										75
80	50.6	210.9	37,600	54.7	215.3	36,200	61.1	220.3	33,700										80
85	47.1	206.5	34,800	51.4	211.5	33,500	58.0	217.4	31,200										85
90	43.4	201.6	32,400	48.0	207.3	31,100	54.9	214.1	29,000	61.2	218.1	26,800							90
95	39.5	195.9	30,200	44.4	202.5	29,000	51.7	210.3	27,000	58.2	215.2	25,000							95
100	35.2	189.4	28,200	40.5	197.0	27,100	48.3	206.1	25,200	55.0	211.9	23,300							100
105	30.4	181.6	26,500	36.3	190.7	25,400	44.7	201.4	23,600	51.8	208.2	21,900							105
110	24.8	172.1	24,900	31.7	183.3	23,900	40.8	196.0	22,200	48.4	204.0	20,500	55.0	208.6	18,900				110
115	17.6	159.1	22,300*	26.3	174.3	22,500	36.7	189.7	20,900	44.8	199.2	19,300	51.8	204.9	17,700				115
120	2.8	131.3	15,100*	19.6	162.5	21,200	32.1	182.4	19,700	41.0	193.9	18,200	48.4	200.7	16,700				120
125				9.1	143.0	18,900*	26.7	173.6	18,600	36.8	187.7	17,200	44.8	196.0	15,700	51.5	200.5	14,300	125
130							20.2	162.1	17,600	32.2	180.4	16,200	41.0	190.6	14,800	48.1	196.3	13,500	130
135							10.3	143.7	16,600	27.0	171.6	15,300	36.8	184.4	14,000	44.5	191.5	12,800	135
140										20.5	160.2	14,500	32.2	177.1	13,300	40.7	186.1	12,100	140
145										10.9	142.4	13,800	26.9	168.3	12,600	36.5	179.8	11,400	145
150													20.4	156.9	11,900	31.9	172.5	10,800	150
155													10.7	139.0	11,300	26.5	163.5	10,200	155
160																19.9	151.9	9,700	160
165																9.7	132.9	9,200	165

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.6	242.2	52,100*																40
45	73.1	240.8	50,600*																45
50	70.6	239.1	48,500*																50
55	68.0	237.2	46,500*	71.2	239.1	49,100*													55
60	65.4	235.1	44,600*	68.7	237.3	47,200*													60
65	62.8	232.7	42,800*	66.1	235.2	45,300*													65
70	60.1	229.9	41,100*	63.5	232.9	42,600													70
75	57.3	226.9	39,300*	60.8	230.2	39,000	66.3	233.9	36,300										75
80	54.4	223.5	37,400	58.0	227.3	35,900	63.7	231.6	33,400										80
85	51.4	219.7	34,600	55.1	224.0	33,200	61.0	229.0	30,800										85
90	48.3	215.5	32,100	52.2	220.3	30,800	58.2	226.1	28,600										90
95	45.0	210.8	29,900	49.1	216.2	28,700	55.3	222.8	26,600	61.1	226.7	24,600							95
100	41.5	205.5	28,000	45.8	211.6	26,800	52.4	219.1	24,900	58.3	223.8	22,900							100
105	37.8	199.4	26,200	42.4	206.4	25,100	49.3	215.1	23,300	55.5	220.6	21,500							105
110	33.7	192.5	24,600	38.7	200.6	23,600	46.1	210.5	21,900	52.5	216.9	20,100							110
115	29.1	184.3	23,200	34.7	193.9	22,200	42.7	205.4	20,600	49.4	212.9	18,900	55.4	217.3	17,300				115
120	23.7	174.2	21,900	30.3	186.1	21,000	39.0	199.6	19,400	46.2	208.4	17,800	52.5	213.7	16,300				120
125	16.8	160.7	19,200*	25.2	176.6	19,800	35.1	193.0	18,300	42.8	203.3	16,800	49.4	209.6	15,300				125
130	2.7	131.5	13,000*	18.8	164.2	18,700	30.7	185.2	17,300	39.2	197.5	15,900	46.2	205.1	14,500	52.3	209.3	13,100	130
135				8.8	143.8	16,400*	25.6	175.9	16,400	35.2	190.9	15,000	42.8	200.0	13,600	49.2	205.2	12,300	135
140							19.3	163.8	15,500	30.8	183.2	14,200	39.1	194.2	12,900	46.0	200.7	11,600	140
145							9.8	144.6	14,700	25.8	174.0	13,500	35.2	187.6	12,200	42.5	195.5	11,000	145
150										19.6	162.0	12,800	30.8	179.9	11,600	38.9	189.7	10,400	150
155										10.4	143.4	12,100	25.8	170.6	11,000	34.9	183.1	9,800	155
160													19.6	158.7	10,400	30.5	175.2	9,300	160
165													10.3	139.9	9,800	25.4	165.8	8,800	165
170																19.0	153.6	8,300	170
175																9.3	133.7	7,900	175



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

120 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.4	251.2	46,400*																45
50	72.1	249.7	44,700*																50
55	69.8	248.0	42,900*	72.7	249.6	45,000*													55
60	67.4	246.0	41,200*	70.4	248.0	43,500*													60
65	65.0	243.8	39,500*	68.0	246.1	41,800*													65
70	62.6	241.3	37,900*	65.6	243.9	40,100*													70
75	60.1	238.6	36,300*	63.2	241.6	38,500*													75
80	57.5	235.6	34,800*	60.7	238.9	35,600	65.8	242.7	33,100										80
85	54.8	232.2	33,300*	58.1	235.9	32,900	63.4	240.3	30,600										85
90	52.1	228.5	31,900	55.5	232.7	30,500	60.9	237.6	28,300										90
95	49.2	224.4	29,700	52.8	229.1	28,400	58.3	234.7	26,400										95
100	46.3	219.9	27,800	50.0	225.1	26,600	55.7	231.5	24,600	61.0	235.4	22,700							100
105	43.1	214.8	26,000	47.0	220.6	24,900	53.0	227.9	23,000	58.4	232.5	21,200							105
110	39.8	209.2	24,400	43.9	215.7	23,400	50.2	223.9	21,600	55.8	229.3	19,800							110
115	36.2	202.8	23,000	40.7	210.2	22,000	47.3	219.5	20,300	53.1	225.7	18,600							115
120	32.3	195.4	21,700	37.2	204.0	20,700	44.2	214.7	19,100	50.3	221.7	17,500	55.8	226.0	16,000				120
125	27.9	186.8	20,500	33.3	197.0	19,600	40.9	209.2	18,100	47.4	217.4	16,500	53.1	222.4	15,000				125
130	22.8	176.3	19,400	29.1	188.7	18,500	37.4	203.1	17,100	44.3	212.5	15,600	50.3	218.5	14,200				130
135	16.1	162.1	16,700*	24.2	178.7	17,500	33.6	196.1	16,100	41.1	207.1	14,700	47.4	214.1	13,400	52.9	218.1	12,000	135
140	2.6	131.7	11,200*	18.0	165.8	16,600	29.4	187.9	15,300	37.6	201.0	14,000	44.3	209.2	12,600	50.1	214.1	11,300	140
145				8.4	144.5	14,300*	24.6	178.1	14,500	33.8	194.0	13,200	41.0	203.8	11,900	47.1	209.7	10,700	145
150							18.6	165.5	13,800	29.6	185.9	12,500	37.5	197.7	11,300	44.1	204.8	10,100	150
155							9.5	145.4	13,000	24.8	176.2	11,900	33.8	190.7	10,700	40.8	199.3	9,600	155
160										18.8	163.7	11,300	29.6	182.6	10,100	37.3	193.2	9,000	160
165										10.0	144.3	10,700	24.7	172.9	9,600	33.5	186.1	8,600	165
170													18.8	160.4	9,100	29.2	177.9	8,100	170
175													9.9	140.8	8,600	24.4	168.0	7,700	175
180																18.3	155.2	7,200	180
185																8.9	134.5	6,800	185

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

120 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.6	261.5	41,100*													45
50	73.5	260.1	40,400*													50
55	71.3	258.6	39,500*													55
60	69.1	256.8	37,800*	71.9	258.5	38,700*										60
65	66.9	254.7	36,200*	69.7	256.8	38,200*										65
70	64.7	252.5	34,700*	67.5	254.8	36,800*										70
75	62.4	250.0	33,200*	65.3	252.7	33,700										75
80	60.1	247.3	31,700*	63.0	250.2	30,800	67.7	253.6	27,400							80
85	57.7	244.2	30,200	60.7	247.6	28,300	65.4	251.4	25,100							85
90	55.2	240.9	27,800	58.3	244.6	26,100	63.1	249.0	23,100							90
95	52.7	237.3	25,800	55.8	241.4	24,100	60.8	246.3	21,300							95
100	50.1	233.3	23,900	53.3	237.8	22,300	58.5	243.4	19,700							100
105	47.3	228.9	22,200	50.7	233.9	20,700	56.0	240.2	18,200	60.9	244.1	15,700				105
110	44.5	224.1	20,700	48.0	229.6	19,300	53.5	236.6	16,900	58.6	241.2	14,600				110
115	41.5	218.7	19,400	45.2	224.9	18,000	50.9	232.8	15,700	56.1	238.0	13,500				115
120	38.3	212.7	18,100	42.3	219.7	16,800	48.2	228.5	14,700	53.6	234.4	12,500				120
125	34.9	206.0	17,000	39.1	213.9	15,700	45.4	223.8	13,700	51.0	230.6	11,600	56.1	234.7	9,600	125
130	31.1	198.3	15,900	35.8	207.3	14,700	42.5	218.6	12,800	48.4	226.3	10,800	53.6	231.2	8,900	130
135	26.9	189.2	14,900	32.1	199.9	13,800	39.4	212.9	11,900	45.6	221.7	10,000	51.0	227.3	8,200	135
140	21.9	178.2	14,000	28.0	191.3	13,000	36.0	206.4	11,100	42.6	216.5	9,300	48.3	223.1	7,500	140
145	15.6	163.5	13,200	23.3	180.8	12,200	32.4	199.0	10,400	39.5	210.8	8,700	45.5	218.4	7,000	145
150	2.5	132.0	9,600*	17.4	167.4	11,400	28.3	190.5	9,700	36.2	204.3	8,100	42.6	213.2	6,400	150
155				8.1	145.2	10,700	23.7	180.2	9,100	32.5	197.0	7,500	39.5	207.5	5,900	155
160							17.9	167.1	8,500	28.5	188.5	6,900	36.1	201.0	5,400	160
165							9.1	146.2	7,900	23.9	178.4	6,400	32.5	193.7	5,000	165
170										18.2	165.3	5,900	28.5	185.2	4,500	170
175										9.6	145.1	5,500	23.8	175.0	4,100	175



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

120 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.0	270.8	33,000*													50
55	73.0	269.4	32,900*													55
60	71.0	267.8	31,400*													60
65	69.0	265.9	30,000*	71.5	267.8	31,800*										65
70	66.9	263.9	28,600*	69.5	266.0	30,400*										70
75	64.8	261.7	27,300*	67.4	264.0	29,000*										75
80	62.7	259.2	26,000*	65.3	261.8	27,700*										80
85	60.5	256.5	24,800*	63.2	259.4	26,400*	67.6	262.7	25,100							85
90	58.3	253.5	23,600*	61.1	256.8	25,200*	65.5	260.5	23,000							90
95	56.0	250.3	22,500*	58.8	253.9	24,000*	63.4	258.2	21,200							95
100	53.7	246.8	21,400*	56.6	250.7	22,200	61.2	255.5	19,600							100
105	51.3	242.9	20,400*	54.3	247.3	20,700	59.0	252.7	18,100							105
110	48.8	238.7	19,500*	51.9	243.5	19,200	56.8	249.5	16,800	61.3	253.3	14,500				110
115	46.2	234.2	18,600*	49.4	239.4	17,900	54.4	246.1	15,700	59.1	250.4	13,400				115
120	43.5	229.1	17,700*	46.8	234.9	16,800	52.1	242.4	14,600	56.8	247.3	12,400				120
125	40.6	223.6	16,900*	44.2	230.0	15,700	49.6	238.3	13,600	54.5	243.9	11,500				125
130	37.6	217.4	15,900	41.4	224.6	14,700	47.0	233.8	12,700	52.2	240.2	10,700	56.8	244.1	8,800	130
135	34.3	210.6	14,900	38.4	218.6	13,800	44.4	228.9	11,800	49.7	236.1	9,900	54.5	240.6	8,100	135
140	30.8	202.7	14,000	35.2	211.9	12,900	41.6	223.6	11,100	47.1	231.7	9,200	52.1	236.9	7,500	140
145	26.8	193.6	13,200	31.7	204.4	12,100	38.6	217.6	10,300	44.5	226.8	8,600	49.7	232.9	6,900	145
150	22.2	182.7	12,400	27.9	195.6	11,400	35.4	211.0	9,700	41.7	221.5	8,000	47.1	228.4	6,300	150
155	16.4	168.4	11,600	23.5	185.2	10,700	32.0	203.5	9,000	38.7	215.6	7,400	44.5	223.6	5,800	155
160	7.1	144.4	9,700*	18.1	172.1	10,000	28.2	194.9	8,400	35.6	208.9	6,900	41.7	218.2	5,300	160
165				10.3	152.2	9,400	23.8	184.6	7,900	32.1	201.5	6,400	38.7	212.3	4,900	165
170							18.5	171.7	7,400	28.3	192.9	5,900	35.5	205.7	4,500	170
175							11.0	152.8	6,800	24.0	182.7	5,500	32.1	198.2	4,100	175
180										18.8	170.0	5,000				180
185										11.4	151.4	4,600				185

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

120 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.9	281.1	30,400*										50
55	74.1	279.8	29,700*										55
60	72.2	278.3	28,800*										60
65	70.3	276.6	27,400*	72.7	278.3	28,400*							65
70	68.4	274.7	26,100*	70.8	276.6	27,800*							70
75	66.5	272.6	24,800*	68.9	274.8	26,500*							75
80	64.5	270.4	23,600*	67.0	272.8	25,200*							80
85	62.5	267.9	22,400*	65.0	270.5	24,000*							85
90	60.5	265.2	21,300*	63.0	268.1	22,800*	67.1	271.5	22,500				90
95	58.4	262.2	20,200*	61.0	265.4	21,700*	65.2	269.3	20,700				95
100	56.3	259.0	19,200*	58.9	262.5	20,600*	63.2	266.8	19,100				100
105	54.1	255.5	18,200*	56.8	259.4	19,500*	61.1	264.2	17,700				105
110	51.8	251.7	17,200*	54.6	256.0	18,500*	59.1	261.3	16,400				110
115	49.5	247.6	16,300*	52.4	252.3	17,500*	57.0	258.2	15,200	61.2	262.0	12,900	115
120	47.1	243.2	15,500*	50.1	248.3	16,400	54.8	254.8	14,100	59.2	259.1	11,900	120
125	44.6	238.4	14,600*	47.7	243.9	15,300	52.6	251.1	13,100	57.0	256.0	11,000	125
130	42.0	233.1	13,900*	45.3	239.2	14,300	50.3	247.1	12,200	54.9	252.6	10,200	130
135	39.3	227.2	13,100*	42.7	234.0	13,400	47.9	242.8	11,400	52.7	248.9	9,500	135
140	36.3	220.8	12,400*	40.0	228.3	12,500	45.5	238.1	10,600	50.4	245.0	8,800	140
145	33.2	213.6	11,800*	37.1	222.1	11,700	42.9	233.0	9,900	48.0	240.6	8,100	145
150	29.8	205.4	11,200*	34.0	215.1	11,000	40.2	227.3	9,200	45.6	236.0	7,500	150
155	26.0	196.0	10,600*	30.7	207.2	10,300	37.3	221.1	8,600	43.0	230.8	6,900	155
160	21.5	184.6	10,100*	27.0	198.1	9,700	34.3	214.1	8,000	40.3	225.2	6,400	160
165	15.9	169.8	9,600*	22.7	187.3	9,000	30.9	206.3	7,500	37.4	219.0	5,900	165
170	6.8	145.0	8,300*	17.5	173.6	8,500	27.3	197.4	7,000	34.4	212.1	5,500	170
175				9.9	153.1	7,900	23.0	186.7	6,500	31.1	204.3	5,000	175
180							17.9	173.3	6,000	27.4	195.4	4,600	180
185							10.7	153.7	5,500	23.2	184.8	4,200	185



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

130 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	60.5	188.2	71,600*b																40
45	54.9	185.0	64,800*b	62.5	188.7	70,300*b													45
50	48.8	181.1	59,200*	56.9	185.8	64,900*b													50
55	42.1	176.2	54,700*	51.0	182.1	59,200b	63.8	187.7	55,400b										55
60	34.4	169.8	51,000*	44.6	177.6	53,100	58.3	185.0	49,700b										60
65	24.7	161.0	48,000*	37.3	171.8	48,000	52.5	181.5	44,900b										65
70	7.2	143.5	34,500*	28.5	164.1	43,800	46.2	177.2	40,900	59.5	183.1	38,100b							70
75				15.8	151.8	40,100	39.2	171.8	37,500	53.8	179.8	34,900b							75
80							30.9	164.7	34,600	47.6	175.7	32,200							80
85							19.7	154.1	32,000	40.8	170.6	29,800	54.7	176.9	27,600b				85
90										32.8	163.9	27,700	48.6	172.9	25,600				90
95										22.5	154.3	25,800	41.9	168.0	23,900				95
100													34.2	161.6	22,300	49.2	168.9	20,500	100
105													24.4	152.6	20,900	42.5	164.0	19,200	105
110													6.2	134.3	19,500	34.9	157.8	18,000	110
115																25.4	149.2	16,900	115
120																9.3	133.2	15,900	120

130 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	65.1	199.4	69,400*b																40
45	60.5	196.8	64,200*b	66.7	199.7	68,000*b													45
50	55.6	193.7	58,400*	62.1	197.4	63,100*b													50
55	50.5	190.0	53,800*	57.4	194.4	58,700*	67.8	198.7	55,200b										55
60	45.0	185.4	50,100*	52.4	190.9	52,900	63.3	196.4	49,400b										60
65	38.8	179.8	46,900*	47.0	186.7	47,900	58.6	193.6	44,700b										65
70	31.8	172.8	44,100*	41.1	181.5	43,600	53.6	190.3	40,700										70
75	22.8	163.1	41,600	34.4	175.1	40,000	48.4	186.2	37,300	59.6	191.7	34,700b							75
80	6.7	144.1	29,600*	26.3	166.5	36,900	42.6	181.3	34,400	54.7	188.5	31,900							80
85				14.6	153.1	34,100	36.2	175.2	31,900	49.5	184.6	29,600							85
90							28.5	167.4	29,600	43.9	179.9	27,500	55.5	185.6	25,300				90
95							18.2	155.8	27,600	37.6	174.1	25,600	50.4	181.8	23,600				95
100										30.3	166.7	23,900	44.8	177.2	22,100				100
105										20.8	156.2	22,400	38.7	171.6	20,700	50.8	177.7	18,900	105
110													31.6	164.5	19,400	45.3	173.3	17,800	110
115													22.5	154.7	18,200	39.3	167.8	16,700	115
120													5.7	134.9	17,100	32.2	160.8	15,700	120
125																23.5	151.4	14,800	125
130																8.6	134.0	13,900	130

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	68.3	210.3	66,700*b																40
45	64.4	208.1	62,000*b	69.7	210.5	65,500*b													45
50	60.4	205.5	57,700*	65.8	208.5	61,000*b													50
55	56.2	202.4	53,400*	61.9	206.0	56,900*													55
60	51.8	198.8	49,300*	57.7	203.1	52,600	66.8	207.4	49,000b										60
65	47.0	194.5	46,000*	53.4	199.7	47,600	62.9	205.1	44,300										65
70	41.9	189.4	43,300*	48.8	195.6	43,300	58.8	202.3	40,300										70
75	36.2	183.2	40,900*	43.8	190.9	39,700	54.5	199.0	36,900										75
80	29.7	175.5	38,100	38.4	185.1	36,600	49.9	195.1	34,000	59.6	200.4	31,500							80
85	21.3	165.0	35,300	32.2	178.1	33,900	45.1	190.6	31,500	55.4	197.2	29,100							85
90	6.3	144.7	25,200*	24.6	168.8	31,500	39.8	185.1	29,300	50.9	193.5	27,000							90
95				13.7	154.4	29,300	33.8	178.4	27,300	46.1	189.1	25,200	56.1	194.3	23,100				95
100							26.7	169.8	25,500	40.9	183.8	23,600	51.6	190.6	21,600				100
105							17.0	157.3	23,900	35.1	177.4	22,100	46.9	186.3	20,200				105
110										28.3	169.3	20,700	41.8	181.2	19,000				110
115										19.4	158.0	19,500	36.1	175.0	17,900	52.0	186.6	17,300	115
120													29.5	167.2	16,800	47.3	182.3	16,200	120
125													21.1	156.6	15,900	42.3	177.3	15,300	125
130													5.3	135.4	14,900	36.6	171.2	14,400	130
135																30.1	163.6	13,600	135
140																21.9	153.4	12,800	140
																8.1	134.7	12,100	140



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

130 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	70.9	221.0	62,300*b																40
45	67.4	219.1	58,900*	72.1	221.1	61,900*b													45
50	64.0	216.8	55,200*	68.7	219.3	58,000*b													50
55	60.4	214.2	51,700*	65.2	217.2	54,300*													55
60	56.6	211.1	48,700*	61.7	214.7	51,000*													60
65	52.7	207.6	45,800*	58.0	211.8	47,300	66.1	216.2	44,000										65
70	48.6	203.4	43,000*	54.1	208.4	43,100	62.5	213.8	40,100										70
75	44.2	198.7	40,500*	50.1	204.5	39,500	58.9	211.0	36,700										75
80	39.4	193.1	38,000	45.8	200.0	36,400	55.1	207.7	33,800										80
85	34.1	186.4	35,100	41.2	194.7	33,700	51.1	204.0	31,300	59.7	209.1	28,800							85
90	27.9	178.1	32,700	36.1	188.5	31,300	46.9	199.6	29,000	55.9	205.9	26,800							90
95	20.1	166.9	30,500	30.3	180.8	29,200	42.4	194.6	27,100	52.0	202.3	24,900							95
100	5.9	145.2	21,800*	23.2	170.9	27,300	37.4	188.6	25,300	47.8	198.1	23,300	56.5	202.9	21,300				100
105				12.9	155.6	25,600	31.8	181.3	23,700	43.4	193.2	21,800	52.6	199.4	20,000				105
110							25.1	172.1	22,300	38.5	187.4	20,500	48.5	195.3	18,700				110
115							16.0	158.8	20,900	33.0	180.4	19,300	44.1	190.5	17,600	53.0	195.3	15,900	115
120										26.6	171.7	18,200	39.3	184.9	16,600	48.9	191.3	15,000	120
125										18.3	159.6	17,100	34.0	178.2	15,600	44.5	186.5	14,100	125
130													27.7	169.8	14,800	39.7	181.0	13,300	130
135													19.9	158.4	13,900	34.5	174.4	12,600	135
140													5.0	135.8	13,100	28.4	166.2	11,900	140
145																20.7	155.2	11,200	145
150																7.6	135.4	10,600	150

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	72.8	231.5	58,300*																40
45	69.8	229.8	56,500*																45
50	66.7	227.8	53,200*	70.9	230.0	55,700*													50
55	63.6	225.5	50,000*	67.8	228.1	52,400*													55
60	60.3	222.8	47,100*	64.7	225.9	49,300*													60
65	57.0	219.8	44,400*	61.5	223.4	46,500*													65
70	53.5	216.3	42,000*	58.2	220.4	42,800	65.5	224.9	39,600										70
75	49.8	212.3	39,700*	54.7	217.1	39,200	62.3	222.4	36,300										75
80	46.0	207.8	37,600*	51.1	213.4	36,100	59.0	219.6	33,400										80
85	41.8	202.6	34,900	47.4	209.0	33,400	55.6	216.4	30,900	63.0	220.5	28,400							85
90	37.3	196.6	32,400	43.3	204.1	31,000	52.0	212.8	28,700	59.7	217.7	26,300							90
95	32.3	189.4	30,200	39.0	198.4	28,900	48.3	208.6	26,700	56.3	214.6	24,500							95
100	26.5	180.5	28,300	34.2	191.6	27,000	44.4	203.8	24,900	52.8	211.0	22,900							100
105	19.1	168.6	26,500*	28.7	183.5	25,300	40.1	198.3	23,400	49.1	207.0	21,400	56.9	211.6	19,500				105
110	5.6	145.7	18,700*	22.0	172.9	23,800	35.4	191.9	21,900	45.2	202.4	20,100	53.4	208.1	18,300				110
115				12.2	156.7	22,400	30.1	184.1	20,700	41.0	197.0	18,900	49.7	204.2	17,200				115
120							23.8	174.3	19,500	36.4	190.8	17,800	45.9	199.6	16,200				120
125							15.2	160.1	18,400	31.3	183.3	16,800	41.7	194.4	15,200	50.1	200.1	13,700	125
130										25.3	174.0	15,900	37.2	188.4	14,400	46.2	195.7	12,900	130
135										17.4	161.2	15,000	32.2	181.1	13,600	42.1	190.5	12,200	135
140													26.3	172.2	12,800	37.6	184.5	11,500	140
145													18.8	160.1	12,100	32.6	177.4	10,900	145
150													4.8	136.2	11,400	26.9	168.7	10,300	150
155																19.6	157.0	9,700	155
160																7.2	136.1	9,100	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

130 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	74.4	241.9	54,400*																40
45	71.7	240.4	53,700*																45
50	68.9	238.6	51,200*	72.7	240.5	53,500*													50
55	66.1	236.5	48,400*	69.9	238.8	50,500*													55
60	63.2	234.2	45,700*	67.1	236.8	47,800*													60
65	60.3	231.5	43,200*	64.3	234.6	45,200*													65
70	57.2	228.4	40,900*	61.4	232.0	42,700	67.8	235.8	39,500										70
75	54.1	225.0	38,800*	58.3	229.1	39,100	65.0	233.6	36,200										75
80	50.8	221.2	36,900*	55.2	225.8	36,000	62.1	231.1	33,300										80
85	47.4	216.9	34,800	52.0	222.1	33,300	59.1	228.3	30,800										85
90	43.7	211.9	32,400	48.6	218.0	30,900	56.0	225.1	28,600	62.7	229.1	26,200							90
95	39.8	206.3	30,200	45.0	213.3	28,800	52.8	221.5	26,600	59.7	226.4	24,400							95
100	35.5	199.9	28,200	41.2	208.0	27,000	49.5	217.5	24,900	56.7	223.3	22,800							100
105	30.8	192.2	26,500	37.1	201.8	25,300	45.9	213.0	23,300	53.5	219.8	21,300							105
110	25.2	182.8	24,900	32.5	194.6	23,800	42.2	207.8	21,900	50.2	215.9	20,000	57.2	220.3	18,200				110
115	18.2	170.2	23,000*	27.3	186.0	22,400	38.2	201.9	20,600	46.7	211.4	18,800	54.0	216.9	17,100				115
120	5.3	146.2	16,400*	20.9	174.8	21,100	33.7	195.0	19,400	43.0	206.4	17,700	50.7	213.0	16,100				120
125				11.7	157.7	19,900	28.7	186.7	18,300	39.0	200.7	16,700	47.3	208.7	15,100				125
130							22.7	176.3	17,300	34.7	194.0	15,800	43.6	203.8	14,300	51.0	209.0	12,800	130
135							14.5	161.4	16,400	29.8	186.1	15,000	39.7	198.1	13,500	47.6	204.7	12,100	135
140										24.1	176.2	14,200	35.4	191.6	12,800	43.9	199.8	11,400	140
145										16.5	162.7	13,400	30.6	183.9	12,100	40.0	194.2	10,800	145
150													25.1	174.5	11,500	35.8	187.8	10,200	150
155													17.9	161.8	10,900	31.1	180.3	9,700	155
160													4.6	136.6	10,200	25.6	171.0	9,100	160
165																18.7	158.7	8,600	165
170																6.9	136.7	8,200	170

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.8	252.2	50,600*																40
45	73.3	250.9	49,600*																45
50	70.8	249.2	47,800*																50
55	68.2	247.4	45,900*	71.7	249.4	48,400*													55
60	65.6	245.2	44,000*	69.1	247.6	45,900*													60
65	63.0	242.8	41,800*	66.6	245.6	43,500*													65
70	60.3	240.1	39,600*	63.9	243.3	41,300*													70
75	57.5	237.1	37,600*	61.2	240.7	38,800	67.2	244.5	35,800										75
80	54.6	233.7	35,800*	58.5	237.8	35,700	64.6	242.3	32,900										80
85	51.6	230.0	34,000*	55.6	234.5	33,000	61.9	239.8	30,400										85
90	48.5	225.8	32,100	52.7	230.9	30,600	59.2	237.0	28,200										90
95	45.2	221.1	29,900	49.6	226.9	28,500	56.3	233.8	26,300	62.5	237.8	24,000							95
100	41.8	215.9	28,000	46.4	222.4	26,700	53.4	230.3	24,500	59.8	235.0	22,400							100
105	38.0	209.9	26,200	43.0	217.4	25,000	50.4	226.4	23,000	57.0	232.0	20,900							105
110	34.0	203.0	24,600	39.4	211.6	23,500	47.2	222.0	21,500	54.1	228.5	19,600							110
115	29.4	194.9	23,200	35.5	205.1	22,100	43.9	217.1	20,300	51.0	224.7	18,400	57.4	229.0	16,600				115
120	24.1	185.0	21,900	31.1	197.5	20,800	40.3	211.6	19,100	47.9	220.4	17,400	54.5	225.6	15,600				120
125	17.4	171.8	19,900*	26.1	188.3	19,700	36.5	205.2	18,000	44.6	215.6	16,400	51.5	221.8	14,700				125
130	5.1	146.6	14,100*	20.0	176.6	18,600	32.2	197.9	17,000	41.1	210.2	15,400	48.4	217.6	13,900				130
135				11.2	158.7	17,600	27.4	189.2	16,100	37.3	204.1	14,600	45.1	212.9	13,100	51.8	217.8	11,600	135
140							21.7	178.3	15,300	33.2	197.0	13,800	41.7	207.7	12,400	48.7	213.6	11,000	140
145							13.9	162.7	14,500	28.5	188.7	13,100	37.9	201.6	11,700	45.4	209.0	10,400	145
150										23.0	178.3	12,400	33.9	194.7	11,100	42.0	203.7	9,800	150
155										15.8	164.1	11,800	29.3	186.6	10,500	38.3	197.8	9,200	155
160													24.0	176.6	9,900	34.2	191.0	8,700	160
165													17.2	163.3	9,400	29.7	183.0	8,300	165
170													4.4	137.0	8,900	24.5	173.2	7,800	170
175																17.9	160.3	7,400	175
180																6.6	137.3	6,900	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

130 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.6	261.3	44,700*													45
50	72.3	259.8	44,000*													50
55	70.0	258.1	42,400*													55
60	67.6	256.1	40,700*	70.8	258.2	42,500*										60
65	65.2	253.9	39,100*	68.5	256.4	41,200										65
70	62.8	251.5	37,600*	66.1	254.3	37,300										70
75	60.2	248.8	36,100*	63.6	251.9	33,900										75
80	57.7	245.8	33,200	61.1	249.3	31,000	66.7	253.3	27,300							80
85	55.0	242.5	30,500	58.6	246.4	28,500	64.2	251.0	25,000							85
90	52.3	238.8	28,200	56.0	243.2	26,200	61.8	248.4	23,000							90
95	49.4	234.7	26,100	53.3	239.7	24,300	59.2	245.6	21,200							95
100	46.5	230.2	24,300	50.5	235.7	22,500	56.6	242.5	19,700	62.3	246.5	16,800				100
105	43.4	225.2	22,600	47.6	231.4	21,000	54.0	239.0	18,200	59.8	243.7	15,500				105
110	40.0	219.6	21,100	44.5	226.6	19,500	51.2	235.2	16,900	57.2	240.6	14,400				110
115	36.5	213.2	19,700	41.3	221.2	18,200	48.3	231.0	15,800	54.5	237.2	13,300				115
120	32.6	206.0	18,500	37.8	215.1	17,100	45.3	226.3	14,700	51.8	233.5	12,400	57.6	237.7	10,100	120
125	28.2	197.5	17,300	34.0	208.2	16,000	42.1	221.0	13,700	48.9	229.4	11,500	55.0	234.3	9,300	125
130	23.2	187.1	16,300	29.9	200.2	15,000	38.7	215.1	12,800	45.9	224.8	10,700	52.2	230.6	8,600	130
135	16.7	173.3	15,300	25.1	190.6	14,000	35.0	208.5	12,000	42.8	219.6	10,000	49.4	226.6	8,000	135
140	4.9	147.1	12,200*	19.3	178.3	13,200	30.9	200.8	11,200	39.4	213.9	9,300	46.4	222.0	7,300	140
145				10.7	159.7	12,400	26.3	191.6	10,500	35.8	207.4	8,600	43.3	217.0	6,800	145
150							20.8	180.2	9,800	31.8	199.9	8,000	40.0	211.4	6,300	150
155							13.3	163.9	9,200	27.4	191.1	7,500	36.4	205.0	5,800	155
160										22.1	180.3	6,900	32.5	197.7	5,300	160
165										15.2	165.5	6,400	28.1	189.2	4,800	165
170													23.0	178.7	4,400	170
175													16.5	164.8	4,000	175

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

130 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.7	271.6	39,300*										45
50	73.6	270.2	38,700*										50
55	71.5	268.7	38,100*										55
60	69.3	266.9	37,400*	72.2	268.8	37,200*							60
65	67.1	264.9	35,900*	70.1	267.1	36,700*							65
70	64.8	262.7	34,400*	67.9	265.2	36,400*							70
75	62.6	260.2	32,900*	65.6	263.0	33,500							75
80	60.2	257.5	31,600*	63.4	260.6	30,600							80
85	57.8	254.5	30,200*	61.1	258.0	28,000	66.2	262.0	24,500				85
90	55.4	251.2	27,800	58.7	255.1	25,800	63.9	259.7	22,500				90
95	52.9	247.6	25,700	56.3	251.9	23,900	61.6	257.1	20,800				95
100	50.3	243.6	23,900	53.8	248.4	22,100	59.3	254.3	19,200				100
105	47.5	239.2	22,200	51.2	244.6	20,500	56.9	251.2	17,700	62.1	255.1	15,000	105
110	44.7	234.4	20,700	48.5	240.4	19,100	54.4	247.7	16,500	59.8	252.4	13,900	110
115	41.7	229.1	19,300	45.7	235.7	17,800	51.8	244.0	15,300	57.4	249.3	12,800	115
120	38.5	223.1	18,100	42.8	230.6	16,600	49.2	239.9	14,200	54.9	246.0	11,900	120
125	35.1	216.5	17,000	39.7	224.9	15,600	46.4	235.3	13,300	52.4	242.3	11,000	125
130	31.4	208.8	15,900	36.4	218.5	14,600	43.5	230.3	12,400	49.8	238.2	10,200	130
135	27.2	199.9	14,900	32.8	211.2	13,700	40.5	224.8	11,600	47.0	233.8	9,500	135
140	22.3	189.1	14,000	28.8	202.8	12,800	37.2	218.6	10,800	44.2	228.9	8,800	140
145	16.1	174.7	13,200	24.2	192.8	12,000	33.7	211.6	10,100	41.1	223.5	8,100	145
150	4.7	147.5	10,500*	18.5	180.0	11,300	29.8	203.5	9,400	37.9	217.4	7,600	150
155				10.3	160.6	10,500	25.4	193.9	8,800	34.5	210.6	7,000	155
160							20.1	182.0	8,200	30.6	202.7	6,500	160
165							12.8	165.0	7,600	26.4	193.5	6,000	165
170										21.3	182.2	5,500	170
175										14.7	166.8	5,100	175



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

130 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.1	280.9	33,000*										50
55	73.1	279.5	32,600*										55
60	71.1	277.9	31,200*										60
65	69.1	276.1	29,800*	71.8	278.0	31,500*							65
70	67.0	274.0	28,500*	69.8	276.3	30,400*							70
75	64.9	271.8	27,200*	67.8	274.3	29,000*							75
80	62.8	269.4	26,000*	65.7	272.2	27,700*							80
85	60.7	266.7	24,800*	63.6	269.8	26,500*							85
90	58.4	263.7	23,600*	61.4	267.2	25,300*	66.2	271.2	22,500				90
95	56.2	260.5	22,500*	59.2	264.4	23,800	64.1	268.9	20,700				95
100	53.8	257.0	21,500*	57.0	261.3	22,000	62.0	266.3	19,100				100
105	51.4	253.2	20,500*	54.7	257.9	20,500	59.8	263.5	17,700				105
110	48.9	249.1	19,500*	52.3	254.2	19,000	57.5	260.5	16,400	62.4	264.3	13,800	110
115	46.4	244.5	18,600*	49.8	250.1	17,800	55.3	257.2	15,200	60.2	261.6	12,700	115
120	43.7	239.5	17,700*	47.3	245.7	16,600	52.9	253.5	14,200	58.0	258.6	11,800	120
125	40.8	234.0	16,900*	44.6	240.9	15,500	50.5	249.6	13,200	55.7	255.4	10,900	125
130	37.8	227.9	15,800	41.9	235.6	14,500	47.9	245.3	12,300	53.4	251.8	10,100	130
135	34.6	221.1	14,900	38.9	229.7	13,600	45.3	240.6	11,500	51.0	247.9	9,400	135
140	31.0	213.3	14,000	35.8	223.1	12,800	42.6	235.4	10,700	48.5	243.7	8,700	140
145	27.1	204.3	13,100	32.3	215.7	12,000	39.7	229.6	10,000	45.9	239.1	8,100	145
150	22.6	193.5	12,400	28.6	207.2	11,200	36.6	223.2	9,300	43.1	234.0	7,500	150
155	16.9	179.6	11,600	24.3	197.2	10,500	33.2	216.1	8,700	40.3	228.4	6,900	155
160	8.1	157.0	10,300*	19.1	184.6	9,900	29.5	207.9	8,100	37.2	222.1	6,400	160
165				12.0	166.6	9,300	25.4	198.3	7,600	33.9	215.1	5,900	165
170							20.5	186.5	7,100	30.4	207.2	5,500	170
175							14.1	170.4	6,600	26.3	197.9	5,000	175
180										21.6	186.7	4,600	180
185										15.7	171.8	4,200	185

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

130 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.2	289.9	28,900*										55
60	72.3	288.4	28,300*										60
65	70.5	286.7	27,300*	73.0	288.5	27,600*							65
70	68.5	284.9	26,000*	71.1	286.9	27,200*							70
75	66.6	282.8	24,800*	69.2	285.1	26,500*							75
80	64.6	280.5	23,600*	67.3	283.1	25,300*							80
85	62.6	278.0	22,400*	65.4	280.9	24,100*							85
90	60.6	275.4	21,300*	63.4	278.5	22,900*	67.8	282.0	22,000				90
95	58.5	272.4	20,200*	61.3	275.9	21,800*	65.8	279.9	20,200				95
100	56.4	269.2	19,200*	59.3	273.0	20,700*	63.9	277.5	18,600				100
105	54.2	265.8	18,200*	57.2	269.9	19,600*	61.8	275.0	17,200				105
110	52.0	262.0	17,300*	55.0	266.6	18,600*	59.8	272.2	15,900				110
115	49.7	257.9	16,400*	52.8	262.9	17,400	57.7	269.2	14,800	62.3	273.0	12,200	115
120	47.3	253.5	15,500*	50.5	259.0	16,200	55.6	265.9	13,700	60.2	270.3	11,300	120
125	44.8	248.7	14,700*	48.2	254.7	15,100	53.4	262.3	12,700	58.1	267.3	10,400	125
130	42.2	243.4	13,900*	45.7	250.0	14,100	51.1	258.4	11,900	56.0	264.0	9,600	130
135	39.5	237.6	13,200*	43.2	244.9	13,200	48.8	254.2	11,000	53.8	260.5	8,900	135
140	36.6	231.2	12,500*	40.5	239.3	12,400	46.3	249.6	10,300	51.6	256.7	8,200	140
145	33.4	224.1	11,800*	37.6	233.1	11,600	43.8	244.6	9,600	49.3	252.6	7,600	145
150	30.0	216.0	11,200*	34.6	226.3	10,900	41.1	239.2	8,900	46.8	248.1	7,000	150
155	26.2	206.7	10,600*	31.3	218.6	10,200	38.3	233.2	8,300	44.3	243.2	6,400	155
160	21.8	195.5	10,100*	27.7	209.7	9,500	35.4	226.5	7,700	41.7	237.8	5,900	160
165	16.4	181.0	9,700*	23.5	199.3	8,900	32.1	219.0	7,200	38.9	231.9	5,500	165
170	7.8	157.7	8,800*	18.5	186.3	8,300	28.6	210.5	6,700	36.0	225.4	5,000	170
175				11.6	167.7	7,800	24.6	200.5	6,200	32.8	218.1	4,600	175
180							19.9	188.2	5,700	29.4	209.8	4,200	180
185							13.6	171.6	5,300				185



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

140 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	60.9	198.4	69,000*b																40
45	55.3	195.2	62,800*b	63.4	199.1	67,700*b													45
50	49.2	191.4	57,600*	57.9	196.3	62,500*b													50
55	42.6	186.5	53,300*	52.1	192.8	57,800*b													55
60	35.0	180.3	49,700*	45.8	188.4	52,800	60.3	195.9	49,100b										60
65	25.5	171.7	46,900*	38.6	182.9	47,800	54.6	192.7	44,400b										65
70	9.5	155.9	36,500*	30.2	175.6	43,500	48.5	188.7	40,400	62.3	194.2	37,300b							70
75				18.6	164.6	39,900	41.8	183.7	37,100	56.8	191.2	34,200b							75
80							34.0	177.3	34,100	50.9	187.6	31,500							80
85							24.1	168.3	31,600	44.4	183.0	29,200							85
90							5.1	149.1	29,300	37.1	177.2	27,100	52.9	185.1	24,800b				90
95										28.2	169.4	25,200	46.6	180.9	23,100				95
100										15.4	156.9	23,500	39.6	175.5	21,600				100
105													31.4	168.5	20,200	48.2	177.3	18,400	105
110													20.4	158.2	19,000	41.4	172.2	17,200	110
115																33.6	165.7	16,200	115
120																23.6	156.6	15,200	120
125																1.5	134.1	14,300	125

140 Ft. Boom, 70 Ft. Luffing Jib

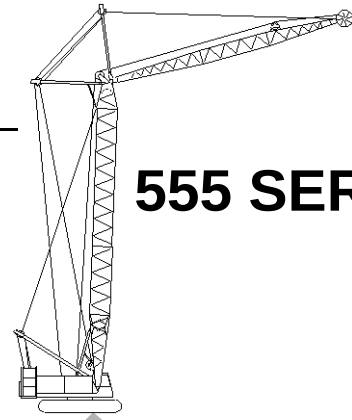
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	65.4	209.6	66,700*b																40
45	60.8	207.0	61,900*b	67.4	210.1	65,400*b													45
50	56.0	203.9	56,700*	62.9	207.8	60,600*b													50
55	50.9	200.2	52,300*	58.2	204.9	56,300*b													55
60	45.4	195.7	48,700*	53.3	201.5	52,600*	64.8	207.1	48,800b										60
65	39.3	190.3	45,700*	48.0	197.4	47,600	60.2	204.5	44,100b										65
70	32.3	183.3	43,100*	42.2	192.4	43,400	55.4	201.4	40,200										70
75	23.5	173.9	41,100*	35.7	186.3	39,800	50.2	197.6	36,800	62.0	202.9	33,900b							75
80	8.8	156.7	31,300*	27.9	178.2	36,700	44.7	193.0	34,000	57.3	199.9	31,200							80
85				17.2	166.2	33,900	38.5	187.4	31,400	52.3	196.4	28,900							85
90							31.4	180.2	29,200	46.9	192.1	26,900							90
95							22.3	170.3	27,200	41.0	186.9	25,000	53.9	193.9	22,800				95
100							4.7	149.5	25,400	34.3	180.4	23,400	48.7	189.9	21,300				100
105										26.1	171.9	21,900	43.0	185.0	20,000				105
110										14.2	158.2	20,600	36.6	179.0	18,800	50.0	186.2	16,900	110
115													29.0	171.2	17,600	44.4	181.6	15,900	115
120													18.9	159.9	16,600	38.2	175.9	15,000	120
125																31.0	168.6	14,100	125
130																21.8	158.6	13,300	130
135																1.4	134.2	12,500	135

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	68.6	220.4	63,000*b																40
45	64.7	218.3	58,600*b	70.4	220.8	61,700*b													45
50	60.7	215.7	54,700*	66.5	218.8	57,600*b													50
55	56.5	212.6	51,200*	62.6	216.4	53,800*													55
60	52.1	209.0	47,900*	58.5	213.6	50,300*													60
65	47.4	204.8	45,000*	54.1	210.3	47,100*	64.2	215.8	43,700b										65
70	42.3	199.8	42,300*	49.6	206.4	43,100	60.2	213.2	39,800										70
75	36.7	193.7	40,000*	44.7	201.7	39,500	56.0	210.1	36,400										75
80	30.2	186.1	37,800*	39.4	196.2	36,400	51.5	206.4	33,600	61.8	211.5	30,800							80
85	22.0	175.9	35,200	33.3	189.4	33,700	46.8	202.1	31,100	57.6	208.6	28,500							85
90	8.2	157.4	26,900*	26.1	180.6	31,300	41.7	196.9	28,900	53.3	205.1	26,400							90
95				16.1	167.6	29,200	36.0	190.7	26,900	48.6	201.1	24,600							95
100							29.3	182.9	25,200	43.7	196.3	23,000	54.7	202.6	20,900				100
105							20.9	172.2	23,600	38.2	190.5	21,500	50.2	198.7	19,500				105
110							4.4	149.9	22,100	32.0	183.4	20,200	45.3	194.2	18,300				110
115										24.4	174.1	19,000	40.1	188.8	17,200	51.3	195.0	15,500	115
120										13.3	159.4	17,900	34.1	182.2	16,200	46.6	190.6	14,500	120
125													27.1	173.7	15,300	41.4	185.5	13,700	125
130													17.7	161.6	14,400	35.7	179.2	12,900	130
135																29.0	171.3	12,200	135
140																20.4	160.4	11,500	140
145																1.3	134.4	10,800	145



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

140 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	71.1	231.1	60,200*b																40
45	67.7	229.2	56,600*b	72.6	231.3	59,400*b													45
50	64.2	227.0	53,000*	69.3	229.6	55,600*b													50
55	60.6	224.4	49,700*	65.8	227.5	52,200*													55
60	56.9	221.3	46,800*	62.3	225.1	48,900*													60
65	53.0	217.8	44,100*	58.6	222.3	46,000*	67.3	226.8	43,400										65
70	48.9	213.7	41,500*	54.8	219.0	42,900	63.8	224.5	39,500										70
75	44.5	209.0	39,200*	50.8	215.2	39,300	60.2	221.8	36,200										75
80	39.8	203.5	37,100*	46.6	210.8	36,200	56.4	218.7	33,300										80
85	34.5	196.9	35,100	42.0	205.7	33,500	52.5	215.2	30,800	61.6	220.2	28,200							85
90	28.4	188.7	32,600	37.0	199.6	31,100	48.4	211.1	28,600	57.9	217.3	26,100							90
95	20.7	177.8	30,400	31.4	192.3	29,000	44.0	206.3	26,700	54.0	213.9	24,300							95
100	7.8	158.1	23,000*	24.6	182.8	27,100	39.2	200.6	24,900	50.0	210.0	22,700							100
105				15.2	169.0	25,400	33.8	193.9	23,400	45.7	205.4	21,300	55.3	211.3	19,200				105
110							27.6	185.4	22,000	41.1	200.2	20,000	51.3	207.6	18,000				110
115							19.6	174.0	20,700	36.0	193.9	18,800	47.1	203.2	17,000				115
120							4.2	150.3	19,400	30.1	186.2	17,700	42.6	198.2	16,000	52.3	203.8	14,200	120
125										23.0	176.2	16,700	37.7	192.3	15,000	48.2	199.6	13,400	125
130										12.5	160.6	15,800	32.1	185.1	14,200	43.8	194.8	12,600	130
135													25.5	176.0	13,400	39.0	189.1	11,900	135
140													16.6	163.1	12,700	33.6	182.3	11,300	140
145																27.3	173.8	10,600	145
150																19.2	162.2	10,100	150
155																1.2	134.5	9,400	155



Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	73.0	241.6	56,400*b																40
45	70.0	239.9	54,300*																45
50	66.9	237.9	51,100*	71.4	240.2	53,300*b													50
55	63.8	235.6	48,000*	68.4	238.4	50,200*													55
60	60.5	233.0	45,300*	65.3	236.2	47,300*													60
65	57.2	230.0	42,700*	62.1	233.8	44,600*													65
70	53.7	226.6	40,300*	58.8	230.9	42,000*	66.6	235.5	39,100										70
75	50.1	222.6	38,200*	55.3	227.7	38,900	63.4	233.2	35,800										75
80	46.2	218.1	36,100*	51.8	224.0	35,900	60.2	230.5	32,900										80
85	42.1	213.0	34,300*	48.0	219.8	33,200	56.8	227.4	30,400										85
90	37.7	207.0	32,400	44.1	215.0	30,800	53.3	223.9	28,200	61.4	228.8	25,700							90
95	32.7	199.9	30,200	39.8	209.4	28,700	49.6	220.0	26,300	58.1	225.9	23,900							95
100	26.9	191.2	28,200	35.1	202.9	26,900	45.8	215.4	24,600	54.7	222.6	22,300							100
105	19.7	179.6	26,400	29.7	195.0	25,200	41.6	210.2	23,000	51.1	218.8	20,900							105
110	7.4	158.8	19,800*	23.3	185.0	23,600	37.1	204.1	21,600	47.3	214.5	19,600	55.8	220.0	17,600				110
115				14.4	170.3	22,200	32.0	196.8	20,300	43.2	209.5	18,400	52.2	216.4	16,500				115
120							26.2	187.8	19,200	38.9	203.8	17,300	48.5	212.2	15,500				120
125							18.6	175.7	18,100	34.0	197.0	16,300	44.6	207.5	14,600				125
130							4.0	150.7	17,000	28.5	188.8	15,400	40.3	202.0	13,800	49.5	208.6	12,200	130
135										21.8	178.2	14,600	35.7	195.6	13,000	45.6	204.0	11,500	135
140										11.9	161.6	13,800	30.4	187.9	12,300	41.4	198.7	10,800	140
145													24.2	178.2	11,600	36.9	192.6	10,200	145
150													15.8	164.5	11,000	31.8	185.2	9,700	150
155																25.9	176.2	9,100	155
160																18.2	163.8	8,600	160
165																1.2	134.6	8,100	165



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

140 Ft. Boom, 110 Ft. Luffing Jib

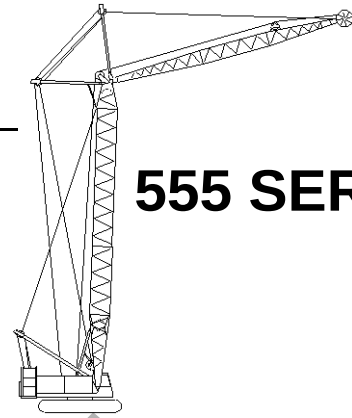
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	74.6	252.0	52,700*																40
45	71.9	250.5	52,000*																45
50	69.1	248.7	49,200*																50
55	66.3	246.7	46,400*	70.4	249.1	48,400*													55
60	63.4	244.3	43,900*	67.6	247.2	45,700*													60
65	60.5	241.7	41,500*	64.8	245.0	43,300*													65
70	57.5	238.7	39,300*	61.9	242.4	40,900*													70
75	54.3	235.3	37,200*	58.9	239.6	38,700*	66.0	244.2	35,700										75
80	51.0	231.5	35,400*	55.8	236.4	35,800	63.1	241.9	32,800										80
85	47.6	227.2	33,600*	52.6	232.8	33,100	60.1	239.2	30,300										85
90	44.0	222.3	31,900*	49.2	228.7	30,800	57.1	236.1	28,200										90
95	40.1	216.7	30,100	45.7	224.1	28,700	53.9	232.7	26,200	61.3	237.5	23,800							95
100	35.8	210.3	28,200	41.9	218.9	26,800	50.6	228.8	24,500	58.3	234.6	22,200							100
105	31.1	202.8	26,400	37.8	212.9	25,100	47.2	224.4	23,000	55.2	231.3	20,800							105
110	25.6	193.5	24,900	33.4	205.9	23,600	43.5	219.5	21,600	51.9	227.6	19,500							110
115	18.7	181.3	23,400	28.3	197.6	22,200	39.6	213.9	20,300	48.5	223.4	18,300	56.2	228.7	16,400				115
120	7.0	159.4	17,300*	22.2	187.0	21,000	35.3	207.4	19,100	44.9	218.7	17,300	53.0	225.1	15,400				120
125				13.7	171.5	19,800	30.5	199.6	18,100	41.1	213.4	16,300	49.6	221.1	14,500				125
130							24.9	190.1	17,100	37.0	207.2	15,400	46.1	216.6	13,700				130
135							17.8	177.3	16,200	32.4	200.0	14,600	42.4	211.5	12,900	50.5	217.4	11,400	135
140							3.8	151.0	15,300	27.2	191.3	13,800	38.4	205.6	12,200	47.0	213.0	10,700	140
145										20.8	180.0	13,000	34.0	198.7	11,600	43.4	208.1	10,100	145
150										11.3	162.6	12,400	29.0	190.6	11,000	39.4	202.4	9,600	150
155													23.0	180.3	10,400	35.1	195.8	9,100	155
160													15.0	165.8	9,800	30.3	188.0	8,600	160
165																24.6	178.4	8,100	165
170																17.4	165.4	7,700	170
175																1.1	134.7	7,200	175

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
40	75.9	262.3	48,500*													40
45	73.5	261.0	47,600*													45
50	70.9	259.4	46,900*													50
55	68.4	257.5	44,500*	72.1	259.6	46,200*										55
60	65.8	255.4	42,200*	69.6	257.9	43,900*										60
65	63.2	253.0	40,000*	67.0	255.9	41,200										65
70	60.5	250.3	38,000*	64.4	253.6	37,300										70
75	57.7	247.3	36,100*	61.7	251.1	33,900										75
80	54.8	244.0	33,400	59.0	248.3	31,000	65.5	253.0	27,000							80
85	51.8	240.3	30,800	56.1	245.1	28,500	62.8	250.5	24,800							85
90	48.7	236.1	28,400	53.2	241.5	26,300	60.1	247.8	22,800							90
95	45.5	231.5	26,300	50.2	237.6	24,400	57.3	244.8	21,100							95
100	42.0	226.2	24,500	47.0	233.2	22,600	54.5	241.4	19,500	61.2	246.2	16,400				100
105	38.3	220.3	22,800	43.6	228.2	21,000	51.5	237.6	18,100	58.4	243.3	15,200				105
110	34.3	213.5	21,300	40.0	222.6	19,600	48.3	233.4	16,800	55.6	240.0	14,100				110
115	29.8	205.5	19,900	36.2	216.3	18,300	45.1	228.7	15,700	52.6	236.4	13,000				115
120	24.5	195.7	18,700	31.9	208.9	17,200	41.6	223.4	14,600	49.5	232.4	12,100	56.5	237.4	9,600	120
125	17.9	182.9	17,500	27.1	200.0	16,100	37.8	217.4	13,700	46.3	227.8	11,300	53.6	233.9	8,900	125
130	6.7	160.0	15,000*	21.2	188.9	15,100	33.8	210.4	12,800	42.9	222.8	10,500	50.6	230.0	8,200	130
135				13.1	172.7	14,100	29.2	202.3	11,900	39.3	217.1	9,800	47.4	225.6	7,600	135
140							23.8	192.3	11,200	35.4	210.5	9,100	44.1	220.7	7,000	140
145							17.0	178.8	10,400	31.0	202.9	8,400	40.5	215.2	6,500	145
150							3.6	151.3	9,700	26.0	193.6	7,900	36.7	209.0	5,900	150
155										19.9	181.8	7,300	32.5	201.7	5,500	155
160										10.8	163.6	6,700	27.7	193.1	5,000	160
165													22.0	182.3	4,600	165
170													14.4	167.1	4,200	170



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

140 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.8	271.4	42,300*													45
50	72.5	269.9	41,700*													50
55	70.1	268.2	41,200*													55
60	67.8	266.3	40,000*	71.2	268.5	40,400*										60
65	65.4	264.1	38,500*	68.9	266.7	40,100*										65
70	62.9	261.7	36,800*	66.5	264.6	36,900										70
75	60.4	259.0	35,000*	64.1	262.3	33,600										75
80	57.9	256.0	33,100	61.6	259.8	30,700	67.5	263.9	26,700							80
85	55.2	252.7	30,400	59.0	256.9	28,200	65.1	261.7	24,400							85
90	52.5	249.0	28,100	56.4	253.8	26,000	62.6	259.2	22,400							90
95	49.6	245.0	26,000	53.8	250.3	24,000	60.1	256.5	20,700							95
100	46.7	240.5	24,200	51.0	246.4	22,300	57.5	253.5	19,100							100
105	43.6	235.6	22,500	48.1	242.2	20,700	54.9	250.1	17,700	61.1	254.8	14,800				105
110	40.3	230.0	21,000	45.0	237.4	19,300	52.2	246.4	16,500	58.5	251.9	13,700				110
115	36.7	223.7	19,600	41.8	232.1	18,000	49.3	242.3	15,300	55.9	248.7	12,700				115
120	32.9	216.5	18,400	38.4	226.2	16,900	46.3	237.8	14,300	53.2	245.1	11,700				120
125	28.6	208.1	17,300	34.7	219.5	15,800	43.2	232.8	13,300	50.4	241.2	10,900	56.8	246.0	8,500	125
130	23.6	197.9	16,200	30.6	211.7	14,800	39.9	227.1	12,400	47.5	236.9	10,100	54.1	242.6	7,800	130
135	17.2	184.4	15,200	26.0	202.4	13,900	36.3	220.7	11,600	44.4	232.0	9,400	51.3	238.8	7,200	135
140	6.5	160.6	13,000*	20.4	190.7	13,000	32.4	213.4	10,900	41.2	226.6	8,700	48.4	234.6	6,600	140
145				12.6	173.8	12,200	28.0	204.8	10,200	37.7	220.5	8,100	45.4	229.9	6,100	145
150							22.9	194.3	9,500	33.9	213.6	7,500	42.2	224.7	5,600	150
155							16.3	180.3	8,900	29.8	205.6	7,000	38.9	218.9	5,100	155
160							3.5	151.6	8,200	25.0	195.9	6,500	35.2	212.2	4,700	160
165										19.1	183.5	6,000	31.2	204.6	4,200	165
170										10.4	164.6	5,500				170

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

140 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.9	281.7	37,500*										45
50	73.8	280.3	37,100*										50
55	71.6	278.8	36,400*										55
60	69.4	277.0	35,900*	72.6	279.0	35,600*							60
65	67.2	275.0	35,500*	70.4	277.4	35,200*							65
70	65.0	272.8	34,100*	68.3	275.5	34,800*							70
75	62.7	270.4	32,700*	66.0	273.4	33,100							75
80	60.4	267.6	31,400*	63.8	271.0	30,200							80
85	58.0	264.7	30,000*	61.5	268.4	27,700	67.0	272.6	23,900				85
90	55.6	261.4	27,700	59.1	265.6	25,500	64.7	270.4	21,900				90
95	53.0	257.8	25,600	56.7	262.5	23,600	62.4	267.9	20,200				95
100	50.4	253.9	23,800	54.2	259.0	21,900	60.1	265.1	18,600				100
105	47.7	249.5	22,100	51.7	255.2	20,300	57.7	262.1	17,200				105
110	44.9	244.7	20,600	49.0	251.1	18,900	55.3	258.8	16,000	61.0	263.5	13,100	110
115	41.9	239.5	19,300	46.2	246.5	17,600	52.7	255.2	14,900	58.6	260.6	12,100	115
120	38.8	233.6	18,000	43.3	241.5	16,400	50.1	251.2	13,800	56.2	257.4	11,200	120
125	35.4	227.0	16,900	40.2	235.9	15,400	47.4	246.8	12,900	53.7	253.9	10,400	125
130	31.7	219.4	15,800	37.0	229.6	14,400	44.6	242.0	12,000	51.1	250.0	9,600	130
135	27.5	210.6	14,900	33.4	222.5	13,500	41.6	236.6	11,200	48.5	245.8	8,900	135
140	22.7	199.9	14,000	29.5	214.4	12,600	38.4	230.7	10,400	45.7	241.2	8,200	140
145	16.6	185.9	13,100	25.0	204.6	11,900	34.9	223.9	9,700	42.7	236.0	7,600	145
150	6.2	161.1	11,100*	19.6	192.5	11,100	31.2	216.3	9,100	39.6	230.3	7,000	150
155				12.2	174.9	10,400	27.0	207.3	8,500	36.3	223.9	6,500	155
160							22.0	196.3	7,900	32.7	216.6	6,000	160
165							15.7	181.7	7,300	28.7	208.2	5,500	165
170							3.3	151.9	6,800	24.0	198.1	5,100	170
175										18.4	185.2	4,600	175
180										10.0	165.4	4,200	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

140 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.3	291.0	32,200*										50
55	73.3	289.6	31,500*										55
60	71.3	288.0	30,900*										60
65	69.2	286.2	29,600*	72.2	288.3	30,400*							65
70	67.2	284.2	28,300*	70.2	286.5	30,000*							70
75	65.1	282.0	27,100*	68.1	284.6	29,000*							75
80	63.0	279.5	25,900*	66.1	282.5	27,800*							80
85	60.8	276.9	24,700*	64.0	280.2	26,600*							85
90	58.6	274.0	23,600*	61.8	277.6	25,400*	66.9	281.8	21,900				90
95	56.3	270.8	22,500*	59.6	274.8	23,500	64.8	279.5	20,100				95
100	54.0	267.3	21,500*	57.4	271.8	21,800	62.7	277.1	18,600				100
105	51.6	263.5	20,500*	55.1	268.4	20,200	60.5	274.4	17,200				105
110	49.1	259.4	19,600*	52.7	264.8	18,800	58.3	271.4	15,900				110
115	46.5	254.8	18,600*	50.3	260.8	17,500	56.1	268.2	14,800	61.4	272.7	12,000	115
120	43.9	249.9	17,800*	47.7	256.5	16,400	53.7	264.7	13,700	59.2	269.9	11,100	120
125	41.0	244.4	16,800	45.1	251.7	15,300	51.3	260.9	12,800	56.9	266.7	10,300	125
130	38.0	238.3	15,800	42.4	246.5	14,300	48.8	256.7	11,900	54.6	263.3	9,500	130
135	34.8	231.6	14,800	39.4	240.7	13,400	46.2	252.1	11,100	52.2	259.6	8,800	135
140	31.3	223.9	13,900	36.3	234.3	12,600	43.5	247.1	10,300	49.8	255.6	8,100	140
145	27.4	215.0	13,100	33.0	227.1	11,800	40.7	241.5	9,700	47.2	251.2	7,500	145
150	22.9	204.3	12,300	29.3	218.8	11,100	37.7	235.4	9,000	44.6	246.3	7,000	150
155	17.4	190.7	11,600	25.1	209.0	10,400	34.4	228.5	8,400	41.8	241.0	6,400	155
160	9.0	169.3	10,800*	20.1	197.0	9,700	30.9	220.7	7,800	38.8	235.1	5,900	160
165				13.5	180.5	9,100	26.9	211.6	7,300	35.7	228.5	5,400	165
170							22.3	200.7	6,800	32.3	221.1	5,000	170
175							16.6	186.6	6,300	28.5	212.6	4,600	175
180							7.4	163.0	5,800	24.2	202.4	4,200	180

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

140 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.3	300.0	27,800*							55
60	72.5	298.5	27,300*							60
65	70.6	296.8	26,800*							65
70	68.7	295.0	25,900*	71.5	297.1	26,300*				70
75	66.7	292.9	24,700*	69.6	295.4	25,900*				75
80	64.8	290.7	23,500*	67.6	293.4	25,300*				80
85	62.8	288.2	22,400*	65.7	291.3	24,100*				85
90	60.8	285.5	21,300*	63.7	288.9	23,000*				90
95	58.7	282.6	20,200*	61.7	286.3	21,900*	66.5	290.5	19,600	95
100	56.6	279.5	19,200*	59.6	283.5	20,800*	64.5	288.2	18,100	100
105	54.4	276.0	18,200*	57.5	280.5	19,800*	62.5	285.7	16,700	105
110	52.2	272.3	17,300*	55.4	277.1	18,400	60.5	283.0	15,400	110
115	49.8	268.2	16,400*	53.2	273.5	17,100	58.4	280.1	14,300	115
120	47.5	263.8	15,600*	50.9	269.6	16,000	56.3	276.9	13,300	120
125	45.0	259.0	14,800*	48.6	265.4	14,900	54.1	273.4	12,300	125
130	42.4	253.8	14,000*	46.1	260.8	13,900	51.9	269.6	11,400	130
135	39.7	248.1	13,200*	43.6	255.8	13,000	49.6	265.6	10,600	135
140	36.8	241.7	12,600*	40.9	250.3	12,200	47.2	261.1	9,900	140
145	33.7	234.6	11,900*	38.1	244.2	11,400	44.7	256.3	9,200	145
150	30.3	226.6	11,300*	35.1	237.5	10,700	42.1	251.0	8,600	150
155	26.5	217.4	10,700*	31.9	230.0	10,000	39.3	245.2	8,000	155
160	22.2	206.3	10,200*	28.3	221.3	9,400	36.4	238.7	7,400	160
165	16.8	192.2	9,700*	24.3	211.2	8,800	33.3	231.6	6,900	165
170	8.7	170.1	9,200*	19.5	198.7	8,200	29.9	223.4	6,400	170
175				13.1	181.6	7,700	26.0	214.0	5,900	175
180							21.6	202.7	5,400	180
185							16.1	188.0	5,000	185
190							7.1	163.7	4,600	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

150 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	61.3	208.6	63,500*b																40
45	55.7	205.5	58,900*b	64.3	209.5	62,800*b													45
50	49.7	201.7	54,700*b	58.9	206.8	58,100*b													50
55	43.1	196.9	51,000*	53.1	203.4	54,000*b													55
60	35.5	190.8	47,800*	46.9	199.2	50,300*	62.2	206.7	48,400b										60
65	26.2	182.4	44,900*	40.0	193.9	47,000*	56.6	203.7	43,800b										65
70	11.4	167.7	38,600*	31.8	187.0	43,300	50.7	200.0	39,900b										70
75				21.1	177.0	39,700	44.2	195.4	36,600	59.7	202.5	33,400b							75
80							36.8	189.6	33,700	54.0	199.2	30,800b							80
85							27.9	181.7	31,200	47.8	195.2	28,500							85
90							14.7	168.9	28,900	41.0	190.1	26,500	56.8	196.9	23,900b				90
95										33.1	183.5	24,700	50.9	193.3	22,300b				95
100										22.9	174.1	23,000	44.5	188.7	20,800				100
105													37.2	182.9	19,500				105
110													28.3	175.2	18,300				110
115													15.5	162.7	17,200	47.2	185.6	16,400	115
120																40.3	180.4	15,400	120
125																32.2	173.6	14,500	125
																21.7	163.8	13,600	125

150 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	65.7	219.7	61,400*b																40
45	61.1	217.2	57,000*b	68.2	220.4	60,700*b													45
50	56.3	214.2	53,200*	63.7	218.2	56,500*b													50
55	51.2	210.5	49,700*	59.1	215.4	52,700*b													55
60	45.8	206.1	46,600*	54.2	212.1	49,100*	66.4	217.7	48,200b										60
65	39.7	200.7	43,800*	48.9	208.2	46,000*	61.9	215.3	43,500b										65
70	32.8	193.9	41,200*	43.2	203.4	43,100*	57.1	212.4	39,700										70
75	24.3	184.7	39,000*	36.9	197.4	39,600	52.1	208.8	36,400										75
80	10.5	168.7	33,000*	29.4	189.8	36,500	46.7	204.5	33,500	59.7	211.2	30,500b							80
85				19.5	178.8	33,800	40.8	199.3	31,000	54.9	208.0	28,200							85
90							34.0	192.8	28,800	49.7	204.1	26,200							90
95							25.8	184.1	26,900	44.1	199.4	24,400	57.3	205.6	22,000				95
100							13.6	170.1	25,100	37.9	193.7	22,800	52.3	202.1	20,600				100
105										30.6	186.3	21,400	46.9	197.8	19,300				105
110										21.2	176.0	20,100	41.0	192.6	18,100				110
115													34.3	186.1	17,000	49.2	194.6	15,100	115
120													26.2	177.6	16,000	43.5	189.8	14,200	120
125													14.4	164.1	15,100	37.2	183.9	13,400	125
130																29.8	176.4	12,600	130
135																20.1	165.6	11,900	135

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	68.9	230.6	59,000*b																40
45	65.0	228.4	55,100*b	71.0	231.1	58,300*b													45
50	61.0	225.9	51,500*	67.2	229.1	54,500*b													50
55	56.8	222.9	48,200*	63.3	226.9	50,900*b													55
60	52.4	219.3	45,200*	59.2	224.1	47,700*													60
65	47.7	215.1	42,500*	54.9	220.9	44,800*	65.6	226.5	43,100b										65
70	42.7	210.1	40,100*	50.4	217.0	42,000*	61.6	224.0	39,200										70
75	37.1	204.2	37,900*	45.6	212.5	39,300	57.5	221.1	35,900										75
80	30.7	196.7	35,900*	40.3	207.2	36,200	53.1	217.6	33,100										80
85	22.7	186.7	34,100*	34.4	200.6	33,500	48.5	213.5	30,600	59.8	219.8	27,800							85
90	9.8	169.6	28,100*	27.5	192.3	31,100	43.5	208.7	28,500	55.5	216.7	25,800							90
95				18.2	180.4	29,000	38.0	202.9	26,500	51.1	212.9	24,000							95
100							31.8	195.7	24,800	46.3	208.5	22,400	57.6	214.3	20,100				100
105							24.1	186.3	23,200	41.1	203.3	21,000	53.3	210.8	18,800				105
110							12.8	171.3	21,800	35.3	197.0	19,700	48.7	206.8	17,600				110
115										28.6	188.9	18,500	43.7	202.0	16,600				115
120										19.8	177.8	17,500	38.3	196.2	15,600	50.6	203.4	13,700	120
125													32.0	189.1	14,700	45.8	199.0	12,900	125
130													24.5	179.8	13,800	40.6	193.6	12,200	130
135													13.4	165.3	13,100	34.7	187.2	11,500	135
140																27.8	178.9	10,800	140
145																18.8	167.3	10,200	145



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

150 Ft. Boom, 90 Ft. Luffing Jib

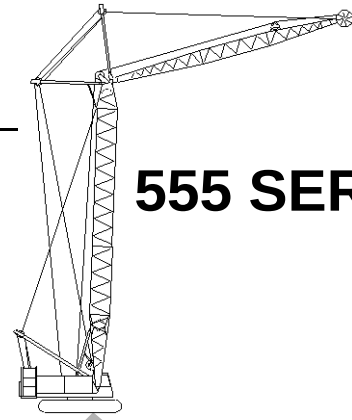
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	71.3	241.2	56,700*b																40
45	67.9	239.3	53,100*b																45
50	64.4	237.1	49,800*	69.9	239.9	52,600*b													50
55	60.9	234.5	46,900*	66.4	237.9	49,400*													55
60	57.1	231.5	44,100*	62.9	235.5	46,400*													60
65	53.3	228.1	41,500*	59.3	232.8	43,600*													65
70	49.2	224.0	39,200*	55.5	229.6	41,100*	65.0	235.2	39,000										70
75	44.8	219.4	37,100*	51.5	225.9	38,800*	61.4	232.7	35,700										75
80	40.1	213.9	35,100*	47.3	221.6	36,000	57.8	229.7	32,800										80
85	34.9	207.4	33,400*	42.8	216.6	33,300	53.9	226.3	30,400										85
90	28.9	199.4	31,700*	37.9	210.7	31,000	49.9	222.4	28,200	59.8	228.5	25,500							90
95	21.4	188.7	30,200*	32.4	203.6	28,900	45.6	217.9	26,300	56.0	225.4	23,700							95
100	9.3	170.4	24,100*	25.9	194.6	27,000	40.9	212.5	24,600	52.1	221.7	22,100							100
105				17.2	182.0	25,300	35.8	206.2	23,000	48.0	217.5	20,700	57.9	222.9	18,500				105
110							29.9	198.5	21,600	43.5	212.7	19,500	54.1	219.6	17,300				110
115							22.7	188.4	20,300	38.7	206.9	18,300	50.0	215.7	16,300				115
120							12.0	172.4	19,200	33.2	200.0	17,200	45.7	211.1	15,300				120
125										26.9	191.4	16,300	41.1	205.9	14,400	51.7	212.2	12,600	125
130										18.7	179.5	15,300	36.0	199.6	13,600	47.5	208.0	11,900	130
135													30.2	191.9	12,900	43.1	203.1	11,200	135
140													23.1	181.9	12,100	38.2	197.2	10,600	140
145													12.7	166.4	11,500	32.7	190.2	10,000	145
150																26.2	181.3	9,400	150
155																17.7	168.9	8,900	155

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
40	73.2	251.7	54,100*b													40
45	70.2	250.0	51,000*b													45
50	67.2	248.1	48,000*	71.9	250.5	50,500*b										50
55	64.0	245.8	45,200*	68.9	248.7	47,500*										55
60	60.8	243.2	42,700*	65.8	246.6	44,800*										60
65	57.4	240.2	40,300*	62.6	244.2	42,300*										65
70	54.0	236.8	38,100*	59.3	241.4	39,900*	67.7	246.1	38,500							70
75	50.3	232.9	36,000*	56.0	238.3	37,600*	64.5	243.9	35,300							75
80	46.5	228.5	34,200*	52.4	234.6	35,600*	61.3	241.3	32,400							80
85	42.4	223.4	32,400*	48.7	230.5	33,000	58.0	238.4	30,000							85
90	38.0	217.5	30,800*	44.8	225.8	30,700	54.5	235.1	27,800							90
95	33.0	210.5	29,400*	40.5	220.4	28,600	50.9	231.2	25,900	59.8	237.1	23,300				95
100	27.3	201.9	27,900*	35.9	214.1	26,700	47.1	226.9	24,200	56.4	234.0	21,700				100
105	20.2	190.5	26,400	30.7	206.4	25,000	43.1	221.9	22,700	52.9	230.5	20,300				105
110	8.8	171.2	20,700*	24.5	196.9	23,500	38.7	216.2	21,300	49.3	226.5	19,000				110
115				16.3	183.4	22,100	33.9	209.4	20,000	45.4	221.9	17,900	54.7	228.3	15,800	115
120							28.3	201.1	18,900	41.2	216.5	16,800	51.1	224.5	14,900	120
125							21.5	190.3	17,800	36.6	210.3	15,900	47.3	220.2	14,000	125
130							11.4	173.4	16,800	31.5	202.9	15,000	43.3	215.2	13,200	130
135										25.5	193.7	14,200	38.9	209.5	12,400	135
140										17.7	181.1	13,400	34.1	202.7	11,700	140
145													28.6	194.5	11,100	145
150													21.9	183.9	10,500	150
155													12.0	167.5	9,900	155



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

150 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	74.8	262.1	50,800*													40
45	72.1	260.6	48,900*													45
50	69.3	258.9	46,300*													50
55	66.5	256.8	43,700*	70.9	259.4	45,800*										55
60	63.7	254.5	41,300*	68.1	257.5	43,300*										60
65	60.7	251.9	39,200*	65.3	255.3	41,000*										65
70	57.7	248.9	37,100*	62.4	252.9	37,400										70
75	54.5	245.5	35,200*	59.4	250.1	34,000	67.0	254.9	29,500							75
80	51.3	241.7	33,500*	56.3	246.9	31,200	64.1	252.6	26,900							80
85	47.8	237.5	31,100	53.1	243.4	28,700	61.2	250.0	24,700							85
90	44.2	232.6	28,700	49.8	239.4	26,500	58.2	247.1	22,700							90
95	40.4	227.2	26,700	46.3	234.9	24,500	55.0	243.8	21,000	62.8	248.5	17,500				95
100	36.1	220.8	24,800	42.6	229.8	22,800	51.8	240.1	19,500	59.8	245.8	16,200				100
105	31.5	213.4	23,100	38.6	224.0	21,200	48.4	235.9	18,100	56.8	242.7	15,000				105
110	26.1	204.2	21,600	34.2	217.2	19,800	44.8	231.1	16,800	53.6	239.2	13,900				110
115	19.3	192.3	20,200	29.2	209.1	18,500	41.0	225.8	15,700	50.3	235.3	12,900				115
120	8.4	172.0	18,100*	23.4	199.0	17,400	36.8	219.6	14,700	46.8	230.9	12,000	55.2	237.0	9,300	120
125				15.5	184.8	16,300	32.3	212.3	13,700	43.1	225.9	11,100	51.9	233.3	8,600	125
130							27.0	203.5	12,800	39.2	220.2	10,400	48.6	229.1	8,000	130
135							20.5	192.2	12,000	34.9	213.6	9,700	45.0	224.4	7,300	135
140							10.9	174.4	11,200	30.0	205.7	9,000	41.2	219.1	6,800	140
145										24.3	195.9	8,400	37.0	212.9	6,200	145
150										16.9	182.6	7,800	32.5	205.7	5,800	150
155													27.2	197.0	5,300	155
160													20.8	185.8	4,800	160
165													11.4	168.5	4,400	165

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.6	271.1	45,000*													45
50	71.1	269.5	43,700*													50
55	68.6	267.6	42,000*	72.5	269.9	43,400*										55
60	66.0	265.5	39,800*	70.0	268.2	41,600*										60
65	63.4	263.2	37,800*	67.5	266.2	39,500*										65
70	60.6	260.5	35,900*	64.9	264.0	36,900										70
75	57.9	257.5	34,100*	62.2	261.5	33,600										75
80	55.0	254.2	32,400*	59.5	258.7	30,700	66.4	263.6	26,400							80
85	52.0	250.5	30,700	56.6	255.6	28,200	63.8	261.3	24,200							85
90	48.9	246.4	28,400	53.7	252.1	26,100	61.1	258.6	22,200							90
95	45.7	241.8	26,300	50.7	248.3	24,100	58.3	255.7	20,500							95
100	42.3	236.6	24,400	47.6	243.9	22,400	55.5	252.5	19,000	62.6	257.2	15,600				100
105	38.6	230.7	22,800	44.2	239.1	20,800	52.5	248.8	17,600	59.9	254.5	14,400				105
110	34.6	224.0	21,300	40.7	233.6	19,400	49.4	244.8	16,300	57.1	251.4	13,300				110
115	30.1	216.1	19,900	36.9	227.4	18,100	46.2	240.2	15,200	54.2	248.0	12,300				115
120	24.9	206.5	18,600	32.7	220.2	17,000	42.8	235.2	14,200	51.2	244.2	11,400				120
125	18.5	193.9	17,500	28.0	211.7	15,900	39.2	229.4	13,200	48.0	239.9	10,600	55.6	245.7	8,000	125
130	8.0	172.7	15,700*	22.3	201.0	14,900	35.2	222.8	12,400	44.7	235.1	9,900	52.6	242.1	7,400	130
135				14.9	186.2	14,000	30.8	215.1	11,600	41.2	229.8	9,100	49.6	238.0	6,800	135
140							25.8	205.9	10,800	37.4	223.7	8,500	46.4	233.5	6,200	140
145							19.6	193.9	10,100	33.3	216.6	7,900	43.0	228.5	5,700	145
150							10.4	175.3	9,400	28.7	208.3	7,300	39.3	222.7	5,200	150
155										23.2	198.0	6,800	35.4	216.2	4,800	155
160										16.1	184.1	6,300	31.0	208.6	4,300	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

150 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.9	281.5	40,000*										45
50	72.6	280.0	39,400*										50
55	70.3	278.3	38,800*										55
60	67.9	276.4	37,400*	71.6	278.8	38,200*							60
65	65.5	274.3	36,000*	69.3	277.0	37,900*							65
70	63.1	271.9	34,500*	66.9	275.0	36,200*							70
75	60.6	269.2	33,000*	64.5	272.7	33,200							75
80	58.0	266.2	31,500*	62.0	270.2	30,400							80
85	55.4	262.9	30,000*	59.5	267.4	27,900	65.9	272.3	23,800				85
90	52.7	259.3	28,100	56.9	264.3	25,700	63.5	269.9	21,800				90
95	49.8	255.3	26,000	54.2	260.9	23,800	61.0	267.3	20,100				95
100	46.9	250.9	24,100	51.5	257.1	22,100	58.4	264.4	18,600				100
105	43.8	245.9	22,500	48.6	252.9	20,500	55.8	261.2	17,200	62.4	265.9	14,000	105
110	40.5	240.4	21,000	45.6	248.2	19,100	53.1	257.6	16,000	59.9	263.1	12,900	110
115	37.0	234.2	19,600	42.4	243.1	17,800	50.3	253.6	14,900	57.3	260.1	11,900	115
120	33.2	227.0	18,400	39.0	237.3	16,700	47.4	249.3	13,800	54.6	256.7	11,000	120
125	28.9	218.7	17,200	35.4	230.7	15,600	44.3	244.4	12,900	51.9	253.0	10,200	125
130	23.9	208.7	16,200	31.4	223.1	14,600	41.1	239.0	12,000	49.0	248.8	9,500	130
135	17.7	195.5	15,200	26.8	214.1	13,700	37.6	232.9	11,200	46.0	244.2	8,800	135
140	7.7	173.4	13,600*	21.5	203.0	12,900	33.8	225.9	10,500	42.9	239.1	8,100	140
145				14.3	187.4	12,100	29.6	217.8	9,800	39.5	233.4	7,500	145
150							24.8	208.1	9,200	35.9	227.0	7,000	150
155							18.9	195.6	8,500	32.0	219.6	6,500	155
160							10.0	176.2	7,900	27.5	210.8	6,000	160
165										22.3	200.1	5,500	165
170										15.5	185.5	5,000	170

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

150 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	76.0	291.8	35,600*										45
50	73.9	290.4	35,100*										50
55	71.8	288.9	34,600*										55
60	69.6	287.1	34,100*	73.0	289.3	33,900*							60
65	67.4	285.2	33,300*	70.8	287.6	33,500*							65
70	65.2	283.0	32,100*	68.6	285.8	33,200*							70
75	62.9	280.5	30,900*	66.4	283.7	32,800*							75
80	60.6	277.8	29,600*	64.2	281.4	29,900							80
85	58.2	274.9	28,400*	61.9	278.9	27,500	67.7	283.2	23,200				85
90	55.7	271.6	27,100*	59.5	276.1	25,300	65.5	281.0	21,300				90
95	53.2	268.1	25,600	57.1	273.0	23,300	63.2	278.6	19,600				95
100	50.6	264.1	23,800	54.7	269.6	21,600	60.9	276.0	18,100				100
105	47.9	259.8	22,100	52.1	265.9	20,100	58.6	273.1	16,700				105
110	45.1	255.1	20,600	49.5	261.8	18,700	56.1	269.9	15,500	62.2	274.5	12,400	110
115	42.1	249.9	19,200	46.7	257.3	17,400	53.6	266.3	14,400	59.9	271.8	11,400	115
120	39.0	244.0	18,000	43.8	252.4	16,300	51.0	262.5	13,400	57.5	268.7	10,500	120
125	35.6	237.4	16,900	40.8	246.9	15,200	48.4	258.2	12,400	55.0	265.4	9,700	125
130	31.9	230.0	15,800	37.6	240.7	14,200	45.6	253.6	11,600	52.5	261.7	8,900	130
135	27.8	221.3	14,800	34.1	233.8	13,300	42.6	248.4	10,800	49.9	257.7	8,300	135
140	23.0	210.7	13,900	30.2	225.8	12,500	39.5	242.7	10,000	47.1	253.3	7,600	140
145	17.1	197.1	13,100	25.9	216.4	11,700	36.2	236.2	9,400	44.3	248.4	7,000	145
150	7.4	174.0	11,700*	20.7	204.8	11,000	32.5	228.9	8,700	41.2	243.0	6,500	150
155				13.8	188.7	10,300	28.5	220.4	8,100	38.0	237.0	6,000	155
160							23.9	210.3	7,600	34.6	230.1	5,500	160
165							18.2	197.2	7,000	30.8	222.4	5,000	165
170							9.6	177.0	6,500	26.5	213.2	4,600	170
175										21.5	202.0	4,200	175



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

150 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	301.1	30,700*							50
55	73.4	299.7	30,200*							55
60	71.4	298.1	29,700*							60
65	69.4	296.3	29,300*	72.5	298.5	29,100*				65
70	67.3	294.3	28,100*	70.5	296.8	29,100*				70
75	65.2	292.1	26,900*	68.5	295.0	28,500*				75
80	63.1	289.7	25,800*	66.4	292.9	27,700*				80
85	61.0	287.1	24,600*	64.3	290.6	26,600*				85
90	58.7	284.2	23,500*	62.2	288.1	25,200	67.7	292.4	21,200	90
95	56.5	281.0	22,500*	60.0	285.3	23,300	65.6	290.2	19,500	95
100	54.2	277.5	21,500*	57.8	282.3	21,600	63.5	287.8	18,000	100
105	51.8	273.8	20,500*	55.5	279.0	20,000	61.3	285.2	16,600	105
110	49.3	269.6	19,600*	53.1	275.4	18,600	59.1	282.3	15,400	110
115	46.7	265.1	18,700*	50.7	271.5	17,300	56.9	279.2	14,300	115
120	44.0	260.2	17,800*	48.2	267.2	16,200	54.5	275.8	13,300	120
125	41.2	254.8	16,800	45.6	262.5	15,100	52.2	272.1	12,300	125
130	38.2	248.8	15,800	42.8	257.4	14,200	49.7	268.0	11,500	130
135	35.0	242.0	14,800	40.0	251.7	13,300	47.1	263.6	10,700	135
140	31.6	234.4	13,900	36.9	245.4	12,400	44.5	258.7	10,000	140
145	27.7	225.6	13,100	33.6	238.3	11,600	41.7	253.4	9,300	145
150	23.2	215.1	12,300	29.9	230.3	10,900	38.7	247.4	8,600	150
155	17.8	201.8	11,600	25.9	220.8	10,200	35.6	240.9	8,100	155
160	9.8	181.4	10,800	21.1	209.3	9,600	32.1	233.4	7,500	160
165				14.9	193.9	9,000	28.3	224.8	7,000	165
170				0.9	157.6	8,400	24.0	214.6	6,500	170
175							18.8	201.9	6,000	175
180							11.4	183.4	5,500	180

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

150 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	310.1	26,800*							55
60	72.6	308.6	26,500*							60
65	70.7	307.0	25,900*							65
70	68.8	305.1	25,400*	71.8	307.4	25,400*				70
75	66.9	303.1	24,500*	69.9	305.6	25,000*				75
80	64.9	300.8	23,400*	68.0	303.7	24,700*				80
85	62.9	298.4	22,300*	66.0	301.6	24,100*				85
90	60.9	295.7	21,200*	64.1	299.3	23,000*				90
95	58.8	292.8	20,200*	62.1	296.7	22,000*	67.2	301.1	19,000	95
100	56.7	289.7	19,200*	60.0	294.0	20,900*	65.2	298.9	17,500	100
105	54.5	286.2	18,300*	57.9	291.0	19,600	63.2	296.5	16,200	105
110	52.3	282.5	17,300*	55.8	287.7	18,200	61.2	293.9	14,900	110
115	50.0	278.5	16,500*	53.6	284.1	16,900	59.2	291.0	13,800	115
120	47.6	274.1	15,600*	51.3	280.3	15,800	57.1	287.9	12,800	120
125	45.2	269.4	14,800*	49.0	276.1	14,700	54.9	284.5	11,900	125
130	42.6	264.2	14,000*	46.6	271.6	13,800	52.7	280.8	11,000	130
135	39.9	258.5	13,300*	44.1	266.7	12,900	50.4	276.9	10,200	135
140	37.0	252.2	12,600*	41.4	261.2	12,000	48.0	272.5	9,500	140
145	33.9	245.1	12,000*	38.6	255.3	11,300	45.6	267.9	8,800	145
150	30.5	237.2	11,300*	35.7	248.7	10,500	43.0	262.7	8,200	150
155	26.8	228.1	10,800*	32.5	241.3	9,900	40.3	257.1	7,600	155
160	22.5	217.2	10,200*	29.0	232.9	9,200	37.5	250.9	7,100	160
165	17.2	203.3	9,800*	25.0	223.1	8,600	34.4	244.0	6,500	165
170	9.5	182.3	9,300	20.4	211.1	8,100	31.1	236.2	6,100	170
175				14.4	195.1	7,500	27.4	227.3	5,600	175
180				0.8	157.7	7,000	23.2	216.7	5,200	180
185							18.2	203.5	4,700	185
190							11.1	184.3	4,300	190



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

160 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	61.7	218.7	61,100*b																40
45	56.1	215.7	56,600*b																45
50	50.1	212.0	52,700*b	59.9	217.2	55,800*b													50
55	43.6	207.3	49,100*	54.2	214.0	51,900*b													55
60	36.1	201.3	46,000*	48.0	210.0	48,300*	64.0	217.4	47,800b										60
65	27.0	193.1	43,200*	41.2	204.9	45,200*	58.6	214.6	43,200b										65
70	12.9	179.4	40,200*	33.4	198.4	42,300*	52.8	211.2	39,400b										70
75				23.3	189.1	39,500	46.5	207.0	36,100	62.5	213.6	32,700b							75
80							39.5	201.6	33,300	57.0	210.7	30,100b							80
85							31.3	194.6	30,800	51.1	207.1	27,900b							85
90							20.3	184.2	28,600	44.7	202.5	25,900							90
95										37.4	196.8	24,100	55.0	205.2	21,600b				95
100										28.6	189.1	22,500	49.0	201.3	20,100				100
105										16.0	176.9	21,100	42.3	196.4	18,900				105
110													34.6	190.1	17,700				110
115													25.0	181.4	16,600	52.5	198.3	15,600	115
120													8.2	164.6	15,600	46.2	194.0	14,600	120
125																39.2	188.6	13,800	125
130																30.8	181.4	13,000	125
																19.6	170.8	12,200	130

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	66.0	229.9	59,000*b																40
45	61.4	227.4	54,800*b																45
50	56.7	224.4	51,100*	64.5	228.6	54,200*b													50
55	51.6	220.8	47,800*	59.9	225.9	50,500*b													55
60	46.2	216.4	44,800*	55.0	222.7	47,200*	67.9	228.3	47,500b										60
65	40.2	211.1	42,100*	49.9	218.9	44,100*	63.5	226.1	43,000b										65
70	33.3	204.4	39,600*	44.3	214.2	41,400*	58.8	223.3	39,100b										70
75	24.9	195.4	37,400*	38.1	208.5	38,900*	53.9	220.0	35,900										75
80	12.0	180.5	34,300*	30.8	201.2	36,300	48.6	216.0	33,000	62.2	222.3	29,800b							80
85				21.5	191.1	33,600	42.9	211.1	30,600	57.4	219.4	27,600							85
90							36.5	205.1	28,400	52.4	215.8	25,600							90
95							28.9	197.3	26,500	47.1	211.6	23,900							95
100							18.7	185.9	24,800	41.2	206.4	22,300	55.8	213.9	19,800				100
105										34.5	200.0	20,900	50.6	210.2	18,600				105
110										26.4	191.5	19,600	45.1	205.7	17,400				110
115										14.8	178.2	18,400	39.0	200.1	16,400				115
120													32.0	193.1	15,400	48.3	203.0	13,500	120
125													23.1	183.5	14,500	42.6	198.0	12,700	125
130													7.6	165.3	13,700	36.1	191.9	12,000	130
135																28.5	184.1	11,300	135
140																18.1	172.4	10,600	140



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

160 Ft. Boom, 80 Ft. Luffing Jib

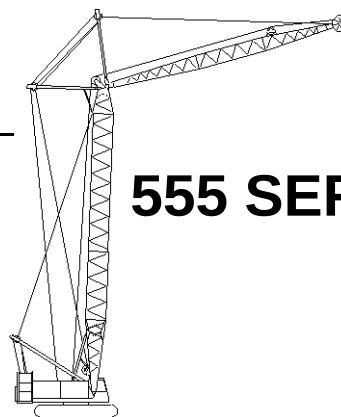
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	69.1	240.7	56,500*b																40
45	65.3	238.6	52,900*b																45
50	61.3	236.1	49,500*	67.9	239.5	52,200*b													50
55	57.1	233.1	46,400*	64.0	237.2	48,800*b													55
60	52.7	229.6	43,400*	59.9	234.6	45,700*													60
65	48.1	225.4	40,800*	55.7	231.4	42,900*	67.0	237.1	42,500b										65
70	43.0	220.5	38,500*	51.2	227.7	40,300*	63.0	234.7	38,700										70
75	37.5	214.6	36,400*	46.5	223.4	37,900*	58.9	232.0	35,400										75
80	31.1	207.3	34,400*	41.3	218.1	35,700*	54.6	228.7	32,600										80
85	23.3	197.6	32,700*	35.5	211.8	33,300	50.1	224.9	30,200	61.9	230.9	27,100							85
90	11.2	181.5	29,300*	28.8	203.9	31,000	45.3	220.3	28,000	57.8	228.0	25,100							90
95				20.1	192.9	28,800	40.0	214.9	26,100	53.4	224.6	23,400							95
100							34.0	208.2	24,400	48.8	220.6	21,900							100
105							27.0	199.8	22,900	43.9	215.8	20,500	56.3	222.6	18,100				105
110							17.5	187.5	21,500	38.4	210.1	19,200	51.9	219.0	17,000				110
115										32.2	203.0	18,100	47.2	214.7	15,900				115
120										24.7	193.8	17,000	42.1	209.7	15,000				120
125										13.8	179.5	16,000	36.4	203.6	14,100	49.9	211.9	12,200	125
130													29.8	195.9	13,300	45.0	207.3	11,500	130
135													21.6	185.5	12,600	39.7	201.8	10,800	135
140													7.1	165.9	11,800	33.7	195.1	10,200	140
145																26.6	186.5	9,600	145
150																16.9	174.0	9,100	150

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	71.6	251.3	54,300*b													40
45	68.2	249.5	50,900*b													45
50	64.7	247.3	47,800*	70.5	250.2	50,300*b										50
55	61.1	244.7	44,900*	67.0	248.2	47,300*										55
60	57.4	241.7	42,400*	63.5	245.9	44,400*										60
65	53.5	238.3	39,800*	59.9	243.2	41,800*										65
70	49.5	234.3	37,600*	56.2	240.1	39,300*	66.2	245.8	38,400							70
75	45.1	229.7	35,600*	52.2	236.5	37,100*	62.7	243.4	35,200							75
80	40.5	224.3	33,700*	48.1	232.3	35,100*	59.0	240.6	32,400							80
85	35.3	217.9	32,000*	43.7	227.5	33,100*	55.3	237.4	29,900							85
90	29.3	210.0	30,400*	38.8	221.8	30,800	51.3	233.7	27,800	61.7	239.6	24,800				90
95	22.0	199.6	29,000*	33.4	214.9	28,700	47.1	229.4	25,900	58.0	236.7	23,100				95
100	10.6	182.4	25,100*	27.1	206.4	26,800	42.6	224.3	24,200	54.2	233.3	21,600				100
105				19.0	194.6	25,100	37.6	218.4	22,700	50.1	229.4	20,200				105
110							32.0	211.2	21,300	45.9	224.9	19,000				110
115							25.4	202.1	20,000	41.2	219.7	17,800	56.7	231.3	16,600	115
120							16.5	189.0	18,900	36.1	213.4	16,800	48.7	223.7	15,600	120
125										30.3	205.8	15,800	44.3	219.0	14,700	125
130										23.3	195.9	14,900	39.6	213.4	13,800	130
135										13.0	180.7	14,100	34.3	206.7	13,100	135
140													28.1	198.5	12,300	140
145													20.3	187.4	11,600	145
150													6.7	166.5	11,000	150



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

160 Ft. Boom, 100 Ft. Luffing Jib

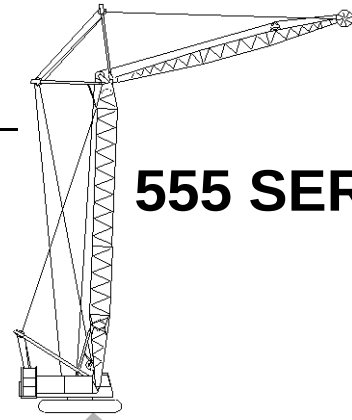
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	73.5	261.8	51,300*b													40
45	70.4	260.1	48,800*b													45
50	67.4	258.2	46,000*	72.5	260.7	48,200*b										50
55	64.2	256.0	43,300*	69.4	259.0	45,400*										55
60	61.0	253.4	40,900*	66.3	257.0	42,900*										60
65	57.7	250.4	38,600*	63.2	254.6	40,400*										65
70	54.2	247.0	36,600*	59.9	251.9	37,100										70
75	50.6	243.2	34,600*	56.6	248.8	33,800	65.6	254.5	28,900							75
80	46.8	238.8	32,700*	53.0	245.3	31,000	62.4	252.1	26,400							80
85	42.7	233.8	31,000	49.4	241.2	28,500	59.1	249.3	24,200							85
90	38.3	227.9	28,700	45.5	236.7	26,300	55.7	246.1	22,300							90
95	33.4	221.0	26,600	41.3	231.4	24,400	52.2	242.5	20,600	61.5	248.3	16,900				95
100	27.8	212.5	24,700	36.8	225.2	22,600	48.5	238.3	19,100	58.2	245.4	15,500				100
105	20.8	201.4	23,100	31.7	217.9	21,100	44.5	233.6	17,700	54.8	242.1	14,400				105
110	10.0	183.3	21,500*	25.7	208.7	19,600	40.3	228.1	16,500	51.2	238.3	13,300				110
115				18.0	196.2	18,300	35.6	221.7	15,300	47.4	234.0	12,300	57.0	240.0	9,400	115
120							30.4	214.0	14,300	43.4	229.0	11,500	53.6	236.5	8,600	120
125							24.1	204.3	13,400	39.0	223.3	10,600	49.9	232.6	7,900	125
130							15.7	190.4	12,500	34.2	216.6	9,900	46.1	228.1	7,300	130
135										28.7	208.4	9,200	41.9	222.9	6,700	135
140										22.1	197.9	8,500	37.4	216.9	6,200	140
145										12.4	181.8	7,900	32.4	209.7	5,700	145
150													26.6	200.9	5,200	150
155													19.3	189.1	4,700	155
160													6.3	167.1	4,200	160

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
40	75.0	272.2	47,000*													40
45	72.3	270.7	45,700*													45
50	69.5	269.0	44,000*													50
55	66.7	267.0	41,900*	71.4	269.6	43,700*										55
60	63.9	264.7	39,600*	68.6	267.8	41,400*										60
65	60.9	262.0	37,500*	65.8	265.7	39,200*										65
70	57.9	259.1	35,500*	62.9	263.3	37,000										70
75	54.8	255.8	33,700*	59.9	260.6	33,700	68.0	265.4	28,800							75
80	51.5	252.0	32,100*	56.9	257.5	30,900	65.1	263.2	26,300							80
85	48.1	247.8	30,400*	53.7	254.0	28,400	62.2	260.8	24,100							85
90	44.5	243.0	28,600*	50.4	250.1	26,200	59.2	258.0	22,200							90
95	40.6	237.6	26,600	46.9	245.7	24,300	56.1	254.8	20,500							95
100	36.5	231.3	24,700	43.3	240.7	22,600	52.9	251.2	19,000	61.4	256.9	15,400				100
105	31.8	223.9	23,000	39.3	235.0	21,000	49.6	247.2	17,600	58.4	254.0	14,200				105
110	26.5	214.9	21,500	35.0	228.4	19,600	46.1	242.7	16,400	55.3	250.7	13,200				110
115	19.8	203.2	20,100	30.2	220.6	18,300	42.4	237.6	15,300	52.0	247.1	12,200				115
120	9.6	184.2	18,800*	24.5	210.9	17,200	38.3	231.7	14,200	48.6	242.9	11,300	57.3	248.7	8,500	120
125				17.1	197.8	16,100	33.9	224.8	13,300	45.1	238.2	10,500	54.2	245.3	7,800	125
130							28.9	216.6	12,400	41.3	232.9	9,800	50.9	241.4	7,200	130
135							23.0	206.4	11,600	37.1	226.8	9,100	47.4	237.1	6,600	135
140							14.9	191.8	10,900	32.6	219.6	8,500	43.8	232.2	6,100	140
145										27.4	210.9	7,900	39.9	226.6	5,600	145
150										21.0	199.8	7,300	35.6	220.2	5,100	150
155										11.8	182.8	6,800	30.9	212.6	4,700	155
160													25.4	203.2	4,200	160



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

160 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.8	281.2	41,800*										45
50	71.3	279.6	40,600*										50
55	68.8	277.8	39,100*	73.0	280.1	40,500*							55
60	66.2	275.7	37,500*	70.5	278.5	39,600*							60
65	63.5	273.4	35,800*	67.9	276.6	37,600*							65
70	60.8	270.7	34,100*	65.3	274.4	35,700*							70
75	58.1	267.8	32,500*	62.7	272.0	33,200							75
80	55.2	264.5	30,800*	59.9	269.2	30,400	67.3	274.2	25,700				80
85	52.2	260.8	29,200*	57.1	266.2	27,900	64.7	271.9	23,500				85
90	49.2	256.7	27,800*	54.2	262.7	25,800	62.0	269.4	21,600				90
95	45.9	252.1	26,100*	51.2	258.9	23,800	59.3	266.6	20,000				95
100	42.5	247.0	24,300	48.1	254.7	22,100	56.5	263.5	18,400				100
105	38.8	241.2	22,700	44.8	249.9	20,600	53.6	260.0	17,100	61.3	265.6	13,700	105
110	34.9	234.5	21,200	41.3	244.6	19,200	50.5	256.1	15,900	58.5	262.7	12,600	110
115	30.4	226.7	19,800	37.6	238.5	17,900	47.4	251.7	14,800	55.7	259.5	11,700	115
120	25.3	217.2	18,600	33.5	231.5	16,800	44.0	246.9	13,800	52.7	255.8	10,800	120
125	19.0	204.9	17,400	28.8	223.2	15,700	40.5	241.3	12,800	49.7	251.8	10,000	125
130	9.1	185.0	16,300*	23.4	213.1	14,700	36.6	235.1	12,000	46.4	247.3	9,300	130
135				16.4	199.2	13,800	32.4	227.8	11,200	43.1	242.3	8,600	135
140							27.7	219.2	10,500	39.4	236.6	8,000	140
145							22.0	208.4	9,800	35.5	230.1	7,400	145
150							14.3	193.1	9,100	31.2	222.5	6,800	150
155										26.2	213.3	6,300	155
160										20.1	201.6	5,800	160
165										11.3	183.9	5,300	165

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

160 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.1	291.5	37,700*										45
50	72.8	290.1	36,800*										50
55	70.5	288.4	36,200*										55
60	68.1	286.5	34,900*	72.0	289.0	36,000*							60
65	65.7	284.4	33,600*	69.7	287.3	35,600*							65
70	63.3	282.0	32,200*	67.3	285.3	34,500*							70
75	60.8	279.4	30,700*	64.9	283.1	32,800*							75
80	58.2	276.4	29,300*	62.5	280.6	30,100							80
85	55.6	273.2	27,900*	59.9	277.9	27,600	66.8	282.9	23,100				85
90	52.9	269.6	26,600*	57.4	274.8	25,400	64.3	280.6	21,200				90
95	50.1	265.6	25,200*	54.7	271.5	23,500	61.9	278.1	19,600				95
100	47.1	261.2	24,000	52.0	267.7	21,800	59.3	275.3	18,100				100
105	44.0	256.3	22,400	49.1	263.6	20,300	56.7	272.2	16,700				105
110	40.8	250.8	20,900	46.1	259.1	18,900	54.1	268.7	15,500	61.2	274.2	12,200	110
115	37.3	244.6	19,500	43.0	254.0	17,600	51.3	264.9	14,400	58.6	271.4	11,300	115
120	33.4	237.6	18,300	39.6	248.3	16,500	48.4	260.7	13,400	56.0	268.1	10,400	120
125	29.2	229.4	17,200	36.0	241.9	15,400	45.4	256.0	12,500	53.3	264.6	9,600	125
130	24.3	219.4	16,100	32.1	234.5	14,400	42.2	250.8	11,600	50.5	260.7	8,900	130
135	18.2	206.6	15,100	27.7	225.8	13,500	38.8	244.9	10,900	47.6	256.3	8,200	135
140	8.8	185.8	14,200*	22.5	215.1	12,700	35.2	238.3	10,100	44.5	251.5	7,600	140
145				15.8	200.7	11,900	31.1	230.6	9,500	41.3	246.1	7,000	145
150							26.6	221.6	8,800	37.8	240.1	6,500	150
155							21.1	210.2	8,200	34.1	233.2	6,000	155
160							13.7	194.3	7,600	29.9	225.2	5,500	160
165										25.1	215.6	5,000	165
170										19.3	203.4	4,600	170
175										10.8	184.8	4,200	175



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

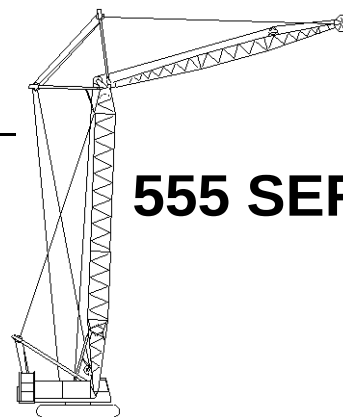
160 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	300.8	32,300*							50
55	72.3	299.3	31,900*							55
60	70.2	297.6	31,500*							60
65	68.0	295.7	30,900*	71.6	298.2	31,100*				65
70	65.8	293.6	29,800*	69.5	296.5	30,800*				70
75	63.5	291.2	28,700*	67.3	294.5	30,500*				75
80	61.2	288.6	27,600*	65.0	292.3	29,500*				80
85	58.8	285.7	26,400*	62.7	289.8	27,300				85
90	56.4	282.5	25,300*	60.4	287.1	25,100	66.7	292.1	20,800	90
95	53.9	279.0	24,100*	58.0	284.1	23,200	64.5	289.8	19,100	95
100	51.3	275.2	23,000*	55.6	280.9	21,500	62.2	287.3	17,600	100
105	48.7	271.0	22,000*	53.1	277.3	19,900	59.9	284.5	16,300	105
110	45.9	266.4	20,600	50.5	273.3	18,500	57.5	281.5	15,100	110
115	43.0	261.3	19,200	47.8	269.0	17,300	55.0	278.1	14,000	115
120	39.9	255.6	18,000	44.9	264.2	16,100	52.5	274.5	13,000	120
125	36.5	249.3	16,900	42.0	259.0	15,100	49.8	270.5	12,100	125
130	33.0	242.1	15,800	38.8	253.1	14,100	47.1	266.0	11,200	130
135	29.0	233.7	14,800	35.4	246.5	13,200	44.2	261.1	10,500	135
140	24.4	223.8	13,900	31.7	238.9	12,400	41.2	255.7	9,700	140
145	18.9	211.2	13,100	27.6	230.1	11,600	38.0	249.7	9,100	145
150	10.9	192.4	12,300	22.7	219.5	10,900	34.6	242.9	8,400	150
155				16.7	205.5	10,200	30.8	235.1	7,900	155
160				6.5	181.1	9,500	26.5	225.9	7,300	160
165							21.5	214.7	6,800	165
170							14.9	199.5	6,300	170

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

160 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	75.5	311.2	29,200*							50
55	73.6	309.8	28,700*							55
60	71.6	308.2	28,300*							60
65	69.5	306.5	27,900*	72.9	308.7	27,800*				65
70	67.5	304.5	27,500*	70.9	307.1	27,500*				70
75	65.4	302.3	26,700*	68.9	305.3	27,200*				75
80	63.3	299.9	25,600*	66.8	303.2	26,800*				80
85	61.1	297.2	24,500*	64.7	301.0	26,500*				85
90	58.9	294.4	23,400*	62.6	298.5	24,900				90
95	56.6	291.2	22,400*	60.4	295.8	23,000	66.3	300.8	19,000	95
100	54.3	287.8	21,400*	58.2	292.8	21,300	64.2	298.5	17,500	100
105	51.9	284.0	20,500*	55.9	289.6	19,800	62.1	296.0	16,100	105
110	49.5	279.9	19,600*	53.6	286.0	18,400	59.9	293.2	14,900	110
115	46.9	275.5	18,700*	51.1	282.2	17,100	57.6	290.2	13,800	115
120	44.2	270.6	17,800*	48.6	278.0	16,000	55.4	286.9	12,800	120
125	41.4	265.2	16,700	46.0	273.4	14,900	53.0	283.2	11,900	125
130	38.5	259.2	15,700	43.3	268.3	14,000	50.6	279.3	11,100	130
135	35.3	252.5	14,700	40.5	262.7	13,100	48.0	275.0	10,300	135
140	31.8	245.0	13,800	37.4	256.5	12,200	45.4	270.3	9,600	140
145	28.0	236.3	13,000	34.2	249.6	11,500	42.7	265.1	8,900	145
150	23.6	225.9	12,200	30.6	241.7	10,800	39.8	259.4	8,300	150
155	18.2	212.9	11,500	26.6	232.6	10,100	36.7	253.1	7,700	155
160	10.5	193.4	10,800	22.0	221.5	9,500	33.4	245.9	7,200	160
165				16.1	207.0	8,800	29.7	237.8	6,700	165
170				6.2	181.7	8,300	25.6	228.2	6,200	170
175							20.7	216.6	5,700	175
180							14.4	200.8	5,300	180



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

160 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	320.2	25,600*							55
60	72.7	318.7	25,300*							60
65	70.9	317.1	24,800*							65
70	68.9	315.2	24,400*	72.1	317.6	24,400*				70
75	67.0	313.2	24,000*	70.2	315.9	24,100*				75
80	65.1	311.0	23,300*	68.3	314.0	23,700*				80
85	63.1	308.6	22,200*	66.4	312.0	23,400*				85
90	61.0	305.9	21,200*	64.4	309.7	23,000*				90
95	59.0	303.0	20,100*	62.4	307.2	22,000*	67.9	311.7	18,500	95
100	56.9	299.9	19,200*	60.4	304.4	20,900	65.9	309.5	17,000	100
105	54.7	296.5	18,200*	58.3	301.5	19,300	63.9	307.2	15,600	105
110	52.5	292.8	17,300*	56.2	298.2	18,000	61.9	304.6	14,400	110
115	50.2	288.8	16,500*	54.0	294.8	16,700	59.9	301.9	13,300	115
120	47.8	284.5	15,600*	51.7	291.0	15,600	57.8	298.8	12,400	120
125	45.3	279.7	14,800*	49.4	286.9	14,500	55.6	295.5	11,400	125
130	42.8	274.5	14,100*	47.0	282.4	13,500	53.4	292.0	10,600	130
135	40.1	268.9	13,400*	44.5	277.5	12,700	51.2	288.1	9,800	135
140	37.2	262.6	12,700*	41.9	272.2	11,800	48.9	283.9	9,100	140
145	34.1	255.6	12,000*	39.1	266.3	11,100	46.4	279.4	8,500	145
150	30.8	247.8	11,400*	36.2	259.9	10,400	43.9	274.4	7,900	150
155	27.1	238.7	10,800*	33.0	252.6	9,700	41.3	269.0	7,300	155
160	22.8	228.0	10,300*	29.6	244.4	9,100	38.5	263.0	6,700	160
165	17.6	214.4	9,800*	25.7	234.9	8,500	35.5	256.3	6,200	165
170	10.2	194.3	9,200	21.3	223.4	7,900	32.3	248.9	5,700	170
175				15.6	208.4	7,400	28.7	240.4	5,300	175
180				6.0	182.2	6,900	24.8	230.5	4,900	180
185							20.1	218.4	4,500	185
190							13.9	202.0	4,100	190

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



170 Ft. Boom, 60 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	62.0	228.9	58,500*b																40
45	56.5	225.9	54,400*b																45
50	50.5	222.2	50,600*b	60.8	227.7	53,500*b													50
55	44.0	217.6	47,200*	55.2	224.6	49,800*b													55
60	36.7	211.7	44,200*	49.2	220.7	46,400*b													60
65	27.7	203.8	41,500*	42.5	215.9	43,300*	60.5	225.5	42,600b										65
70	14.4	190.8	39,100*	34.8	209.6	40,500*	54.8	222.4	38,800b										70
75				25.3	201.0	38,000*	48.8	218.4	35,600b										75
80				9.1	184.8	35,700*	42.1	213.5	32,800	59.9	221.9	29,300b							80
85							34.3	207.1	30,300	54.2	218.7	27,100b							85
90							24.6	198.3	28,200	48.1	214.7	25,200							90
95							7.0	180.6	26,200	41.3	209.6	23,500							95
100										33.4	203.0	21,900	53.2	213.5	19,300b				100
105										23.3	193.8	20,500	46.9	209.3	18,100				105
110													40.0	204.0	17,000				110
115													31.8	197.1	15,900	51.6	206.7	13,800	115
120													21.1	187.1	15,000	45.2	202.3	12,900	120
125																38.0	196.6	12,200	125
130																29.3	189.1	11,500	130
135																17.3	177.5	10,800	135

170 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	66.3	240.0	56,500*b													40
45	61.8	237.6	52,600*b													45
50	57.0	234.6	49,000*b	65.3	238.9	51,900*b										50
55	52.0	231.1	45,900*	60.7	236.4	48,400*b										55
60	46.6	226.7	43,000*	55.9	233.3	45,200*										60
65	40.6	221.5	40,400*	50.8	229.6	42,200*	65.0	236.8	42,300b							65
70	33.9	214.9	38,100*	45.3	225.1	39,600*	60.4	234.2	38,600b							70
75	25.6	206.2	35,900*	39.2	219.6	37,200*	55.6	231.1	35,300							75
80	13.3	192.0	34,100*	32.2	212.6	35,100*	50.5	227.3	32,600							80
85				23.4	203.1	33,100*	44.9	222.7	30,100	59.9	230.6	26,800b				85
90				8.4	185.6	31,000	38.8	217.2	28,000	55.1	227.4	24,900				90
95							31.7	210.1	26,100	49.9	223.6	23,200				95
100							22.8	200.4	24,400	44.3	218.9	21,700				100
105							6.5	181.2	22,800	38.1	213.2	20,300	54.2	222.2	17,800	105
110										30.9	205.9	19,100	48.9	218.3	16,700	110
115										21.6	195.8	17,900	43.3	213.5	15,700	115
120													36.9	207.5	14,800	120
125													29.4	199.9	13,900	125
130													19.5	188.9	13,100	130



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

170 Ft. Boom, 80 Ft. Luffing Jib

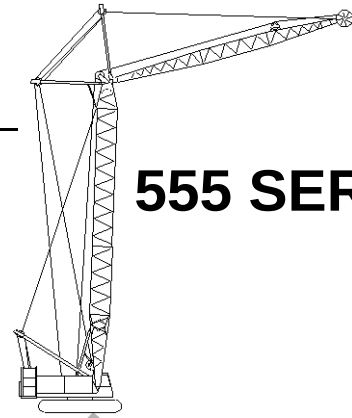
Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	69.4	250.8	54,100* ^b													40
45	65.5	248.7	50,700* ^b													45
50	61.5	246.2	47,400*	68.6	249.8	49,800* ^b										50
55	57.4	243.3	44,400*	64.7	247.6	46,700* ^b										55
60	53.0	239.8	41,700*	60.6	245.0	43,700*										60
65	48.4	235.7	39,200*	56.4	242.0	41,100*										65
70	43.4	230.9	37,000*	52.0	238.4	38,600*	64.4	245.5	38,100 ^b							70
75	37.9	225.1	34,900*	47.3	234.1	36,200*	60.4	242.8	34,900							75
80	31.6	217.9	33,000*	42.2	229.1	34,200*	56.2	239.7	32,100							80
85	23.9	208.4	31,300*	36.6	223.0	32,300*	51.7	236.1	29,700							85
90	12.4	193.1	29,800*	30.1	215.4	30,500*	47.0	231.8	27,600	59.9	239.2	24,400				90
95				21.9	205.1	28,700	41.9	226.7	25,700	55.7	236.1	22,800				95
100				7.9	186.3	26,800	36.2	220.6	24,000	51.2	232.4	21,300				100
105							29.6	212.8	22,500	46.5	228.0	19,900				105
110							21.3	202.3	21,100	41.3	222.8	18,700	54.9	230.9	16,200	110
115							6.1	181.8	19,800	35.5	216.5	17,500	50.4	227.1	15,200	115
120										28.8	208.6	16,500	45.6	222.6	14,300	120
125										20.2	197.6	15,600	40.3	217.3	13,500	125
130													34.4	210.7	12,700	130
135													27.5	202.4	12,000	135
140													18.3	190.6	11,300	140

Liftcrane Luffing Jib Capacities

555 SERIES 2

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 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. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
40	71.8	261.4	50,600*b													40
45	68.4	259.6	48,700*b													45
50	64.9	257.4	45,800*	71.0	260.4	48,000*b										50
55	61.4	254.9	43,100*	67.6	258.5	45,100*b										55
60	57.7	252.0	40,600*	64.1	256.3	42,400*										60
65	53.8	248.6	38,200*	60.6	253.7	39,900*										65
70	49.8	244.6	36,100*	56.8	250.7	37,200	67.4	256.4	31,600b							70
75	45.5	240.1	34,100*	52.9	247.1	33,900	63.9	254.1	28,700							75
80	40.8	234.7	32,300*	48.8	243.1	31,100	60.3	251.5	26,300							80
85	35.7	228.4	30,500*	44.5	238.4	28,600	56.6	248.4	24,100							85
90	29.8	220.6	28,800*	39.7	232.8	26,500	52.7	244.9	22,200							90
95	22.5	210.4	26,900	34.4	226.2	24,500	48.6	240.8	20,500	59.9	247.9	16,600				95
100	11.7	194.2	25,000	28.3	218.0	22,800	44.2	236.0	19,000	56.2	244.8	15,300				100
105				20.6	207.0	21,200	39.4	230.4	17,700	52.3	241.2	14,100				105
110				7.4	187.0	19,700	34.1	223.7	16,500	48.1	237.0	13,100				110
115							27.9	215.4	15,300	43.7	232.2	12,200	55.5	239.6	9,000	115
120							20.0	204.1	14,300	38.9	226.5	11,300	51.5	236.0	8,300	120
125							5.7	182.3	13,300	33.5	219.6	10,500	47.4	231.7	7,600	125
130										27.1	211.1	9,800	42.9	226.7	7,000	130
135										19.0	199.3	9,100	37.9	220.8	6,500	135
140													32.4	213.7	5,900	140
145													25.9	204.8	5,400	145
150													17.2	192.1	5,000	150



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

170 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
40	73.7	271.9	46,500*b										40
45	70.7	270.3	45,400*b										45
50	67.6	268.4	43,800*	73.0	271.0	45,900*b							50
55	64.5	266.1	41,500*	70.0	269.3	43,300*b							55
60	61.2	263.6	39,100*	66.9	267.3	40,900*							60
65	57.9	260.6	37,000*	63.7	265.0	38,500*							65
70	54.5	257.3	35,000*	60.5	262.4	36,400*							70
75	50.9	253.5	33,100*	57.1	259.3	33,500	66.7	265.1	28,100				75
80	47.1	249.1	31,200*	53.7	255.9	30,700	63.5	262.8	25,700				80
85	43.0	244.1	29,400*	50.0	252.0	28,200	60.3	260.2	23,500				85
90	38.6	238.3	27,700*	46.2	247.5	26,000	56.9	257.1	21,700				90
95	33.8	231.5	26,100*	42.1	242.3	24,100	53.5	253.6	20,000				95
100	28.2	223.2	24,700*	37.6	236.3	22,400	49.8	249.7	18,500	59.9	256.6	14,700	100
105	21.4	212.4	23,000	32.6	229.2	20,800	45.9	245.2	17,200	56.6	253.5	13,500	105
110	11.1	195.2	21,400	26.8	220.4	19,400	41.8	239.9	16,000	53.1	249.9	12,500	110
115				19.5	208.8	18,100	37.3	233.9	14,900	49.4	245.9	11,600	115
120				7.0	187.6	16,900	32.3	226.7	13,900	45.5	241.3	10,700	120
125							26.4	217.8	12,900	41.3	236.1	10,000	125
130							19.0	205.9	12,100	36.8	229.9	9,200	130
135							5.4	182.8	11,200	31.7	222.6	8,600	135
140										25.7	213.4	7,900	140
145										18.0	201.0	7,300	145

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

170 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
40	75.2	282.3	43,400*										40
45	72.5	280.8	41,800*										45
50	69.7	279.1	40,800*										50
55	66.9	277.1	39,100*	71.9	279.9	41,500*							55
60	64.1	274.8	37,200*	69.1	278.1	39,500*							60
65	61.1	272.2	35,400*	66.3	276.0	37,300*							65
70	58.1	269.3	33,600*	63.4	273.7	35,300*							70
75	55.0	266.0	31,800*	60.5	271.0	33,400							75
80	51.7	262.3	30,200*	57.4	268.0	30,500	66.1	273.9	25,500				80
85	48.3	258.1	28,400*	54.3	264.6	28,100	63.2	271.5	23,400				85
90	44.7	253.4	26,800*	51.0	260.8	25,900	60.3	268.8	21,500				90
95	40.9	248.0	25,300*	47.5	256.5	24,000	57.2	265.8	19,900				95
100	36.8	241.7	23,900*	43.9	251.6	22,300	54.1	262.4	18,400	62.9	268.0	14,500	100
105	32.2	234.5	22,600*	40.0	246.1	20,800	50.8	258.5	17,100	59.9	265.2	13,400	105
110	26.9	225.6	21,500*	35.8	239.6	19,400	47.3	254.2	15,900	56.9	262.1	12,400	110
115	20.4	214.2	20,100	31.0	232.1	18,100	43.7	249.3	14,800	53.7	258.7	11,500	115
120	10.6	196.1	18,800	25.5	222.8	17,000	39.8	243.7	13,800	50.4	254.8	10,600	120
125				18.6	210.4	15,900	35.5	237.2	12,900	46.9	250.4	9,900	125
130				6.7	188.2	14,900	30.7	229.5	12,000	43.3	245.4	9,100	130
135							25.2	220.1	11,200	39.3	239.7	8,500	135
140							18.1	207.5	10,500	35.0	233.1	7,900	140
145							5.2	183.2	9,800	30.2	225.3	7,300	145
150										24.5	215.6	6,800	150
155										17.2	202.5	6,200	155



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

170 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
45	74.0	291.2	38,400*										45
50	71.5	289.7	37,400*										50
55	68.9	287.9	36,300*										55
60	66.4	285.8	34,900*	70.9	288.7	37,100*							60
65	63.7	283.5	33,300*	68.4	286.9	35,800*							65
70	61.0	280.9	31,700*	65.8	284.7	34,000*							70
75	58.3	278.0	30,200*	63.1	282.4	32,300*							75
80	55.4	274.7	28,700*	60.4	279.7	30,100							80
85	52.5	271.1	27,200*	57.6	276.7	27,600	65.6	282.6	22,900				85
90	49.4	267.0	25,900*	54.8	273.3	25,500	63.0	280.2	21,000				90
95	46.2	262.5	24,400*	51.8	269.6	23,600	60.2	277.5	19,300				95
100	42.7	257.4	23,100*	48.7	265.4	21,900	57.5	274.5	17,900				100
105	39.1	251.6	21,900*	45.4	260.8	20,400	54.6	271.1	16,600	62.7	276.6	12,800	105
110	35.1	245.0	20,800*	42.0	255.5	19,000	51.6	267.3	15,400	60.0	273.9	11,800	110
115	30.8	237.3	19,700*	38.2	249.6	17,700	48.5	263.1	14,300	57.2	270.8	10,900	115
120	25.7	228.0	18,500	34.2	242.8	16,600	45.2	258.5	13,300	54.3	267.4	10,100	120
125	19.5	215.9	17,400	29.7	234.8	15,500	41.7	253.2	12,400	51.3	263.6	9,300	125
130	10.1	197.0	16,300	24.4	225.0	14,500	38.0	247.2	11,600	48.1	259.4	8,600	130
135				17.8	212.0	13,600	33.9	240.3	10,800	44.8	254.6	7,900	135
140				6.4	188.8	12,700	29.4	232.2	10,100	41.3	249.3	7,300	140
145							24.1	222.3	9,400	37.6	243.2	6,800	145
150							17.3	209.1	8,800	33.5	236.2	6,300	150
155							5.0	183.7	8,100	28.9	227.9	5,800	155
160										23.4	217.8	5,300	160
165										16.4	204.0	4,800	165

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

170 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	301.6	35,200*							45
50	72.9	300.2	34,200*							50
55	70.6	298.5	33,700*							55
60	68.3	296.7	32,500*	72.4	299.3	33,600*				60
65	65.9	294.6	31,300*	70.1	297.6	33,200*				65
70	63.4	292.2	30,000*	67.7	295.6	32,800*				70
75	60.9	289.6	28,600*	65.3	293.5	31,200*				75
80	58.4	286.6	27,400*	62.9	291.0	29,700*				80
85	55.8	283.4	26,100*	60.4	288.3	27,300	67.6	293.5	22,500	85
90	53.1	279.8	24,800*	57.8	285.4	25,100	65.2	291.3	20,600	90
95	50.3	275.9	23,700*	55.2	282.0	23,200	62.7	288.9	19,000	95
100	47.3	271.5	22,500*	52.4	278.4	21,500	60.2	286.1	17,500	100
105	44.2	266.6	21,300*	49.6	274.3	20,000	57.7	283.1	16,200	105
110	41.0	261.2	20,200*	46.6	269.9	18,600	55.0	279.8	15,000	110
115	37.5	255.1	19,200*	43.5	264.9	17,400	52.3	276.1	13,900	115
120	33.7	248.1	18,200*	40.2	259.3	16,300	49.4	272.0	12,900	120
125	29.5	240.0	17,100	36.7	253.0	15,200	46.5	267.5	12,000	125
130	24.7	230.2	16,100	32.8	245.8	14,200	43.3	262.5	11,200	130
135	18.7	217.6	15,100	28.5	237.4	13,400	40.0	256.9	10,400	135
140	9.7	197.9	14,100	23.5	227.1	12,500	36.5	250.6	9,700	140
145				17.1	213.6	11,700	32.6	243.3	9,100	145
150				6.2	189.3	11,000	28.2	234.8	8,500	150
155							23.1	224.4	7,900	155
160							16.6	210.6	7,300	160
165							4.8	184.1	6,800	165



Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

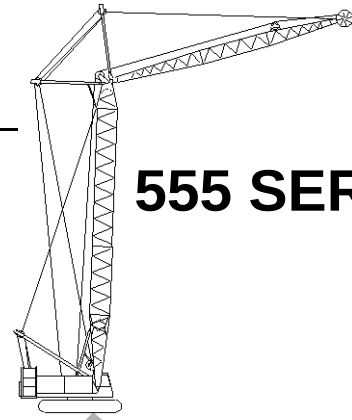
170 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	310.9	30,700*							50
55	72.5	309.4	30,000*							55
60	70.3	307.7	29,500*							60
65	68.1	305.9	28,900*	72.0	308.5	29,300*				65
70	65.9	303.7	27,800*	69.8	306.7	29,000*				70
75	63.7	301.4	26,800*	67.6	304.8	28,600*				75
80	61.4	298.8	25,700*	65.4	302.6	28,100*				80
85	59.0	295.9	24,600*	63.1	300.2	26,800*				85
90	56.6	292.8	23,600*	60.8	297.6	24,800	67.5	302.7	20,200	90
95	54.1	289.3	22,500*	58.5	294.6	22,900	65.3	300.5	18,500	95
100	51.5	285.5	21,500*	56.0	291.4	21,200	63.0	298.0	17,100	100
105	48.9	281.3	20,500*	53.5	287.9	19,700	60.7	295.4	15,700	105
110	46.1	276.7	19,500*	50.9	284.0	18,300	58.3	292.4	14,600	110
115	43.2	271.7	18,600*	48.2	279.8	17,000	55.9	289.2	13,500	115
120	40.1	266.0	17,700*	45.4	275.1	15,900	53.4	285.6	12,500	120
125	36.8	259.7	16,800	42.5	269.9	14,900	50.8	281.7	11,600	125
130	33.2	252.6	15,800	39.4	264.1	13,900	48.1	277.5	10,800	130
135	29.3	244.4	14,800	36.0	257.6	13,000	45.3	272.7	10,000	135
140	24.8	234.6	13,900	32.4	250.3	12,200	42.3	267.5	9,300	140
145	19.3	222.2	13,100	28.3	241.7	11,400	39.2	261.7	8,700	145
150	11.6	204.2	12,300	23.7	231.5	10,700	35.8	255.2	8,100	150
155				17.9	218.3	10,000	32.1	247.8	7,500	155
160				9.1	197.4	9,400	28.1	239.1	6,900	160
165							23.3	228.8	6,400	165
170							17.5	215.3	5,900	170
175							8.3	193.4	5,500	175

Liftcrane Luffing Jib Capacities

New York City Code
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



555 SERIES 2

170 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib 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	321.2	27,700*							50
55	73.7	319.9	27,100*							55
60	71.7	318.3	26,700*							60
65	69.7	316.6	26,300*							65
70	67.6	314.6	25,900*	71.2	317.4	26,000*				70
75	65.5	312.5	25,100*	69.2	315.6	25,800*				75
80	63.4	310.1	24,200*	67.2	313.5	25,400*				80
85	61.3	307.4	23,300*	65.1	311.3	25,100*				85
90	59.1	304.6	22,400*	62.9	308.9	24,600				90
95	56.8	301.4	21,500*	60.8	306.2	22,700	67.0	311.4	18,300	95
100	54.5	298.0	20,600*	58.6	303.3	21,000	64.9	309.2	16,900	100
105	52.1	294.3	19,700*	56.3	300.1	19,500	62.8	306.7	15,600	105
110	49.6	290.2	18,900*	54.0	296.6	18,100	60.6	304.0	14,400	110
115	47.1	285.8	18,100*	51.6	292.8	16,900	58.4	301.1	13,300	115
120	44.4	280.9	17,200*	49.1	288.7	15,800	56.2	297.9	12,400	120
125	41.6	275.6	16,400*	46.5	284.1	14,700	53.8	294.4	11,500	125
130	38.7	269.6	15,600	43.8	279.2	13,800	51.4	290.6	10,600	130
135	35.5	263.0	14,700	41.0	273.7	12,900	48.9	286.4	9,900	135
140	32.1	255.5	13,800	38.0	267.6	12,100	46.3	281.8	9,200	140
145	28.3	246.9	13,000	34.8	260.8	11,300	43.6	276.8	8,500	145
150	23.9	236.7	12,200	31.2	253.1	10,600	40.8	271.3	7,900	150
155	18.7	223.9	11,500	27.3	244.2	9,900	37.8	265.2	7,400	155
160	11.2	205.2	10,800	22.8	233.5	9,300	34.5	258.4	6,800	160
165				17.3	219.8	8,700	31.0	250.6	6,300	165
170				8.8	198.2	8,100	27.1	241.6	5,800	170
175							22.5	230.8	5,400	175
180							16.9	216.8	5,000	180
185							8.0	194.1	4,500	185

170 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle		
	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	330.3	24,300*			
60	72.9	328.8	24,000*			
65	71.0	327.2	23,600*			
70	69.1	325.4	23,300*	72.5	327.9	23,200*
75	67.2	323.4	22,900*	70.6	326.2	22,900*
80	65.2	321.2	22,500*	68.7	324.4	22,700*
85	63.2	318.7	21,800*	66.7	322.3	22,400*
90	61.2	316.1	21,000*	64.8	320.0	22,100*
95	59.1	313.2	20,100*	62.8	317.6	21,900*
100	57.0	310.1	19,100*	60.7	314.9	20,600
105	54.8	306.7	18,200*	58.7	312.0	19,100
110	52.6	303.1	17,300*	56.5	308.8	17,700
115	50.3	299.1	16,500*	54.4	305.4	16,500
120	48.0	294.8	15,700*	52.1	301.6	15,300
125	45.5	290.1	14,900*	49.8	297.6	14,300
130	42.9	284.9	14,100*	47.4	293.1	13,400
135	40.2	279.3	13,400*	44.9	288.4	12,500
140	37.4	273.1	12,700*	42.4	283.1	11,700
145	34.3	266.2	12,100*	39.6	277.4	10,900
150	31.0	258.4	11,400*	36.7	271.0	10,200
155	27.3	249.4	10,900*	33.6	263.9	9,500
160	23.1	238.8	10,300*	30.2	255.9	8,900
165	18.1	225.5	9,800	26.5	246.6	8,300
170	10.9	206.1	9,200	22.1	235.5	7,800
175				16.7	221.3	7,300
180				8.5	199.0	6,700