

Liftcrane Luffing Jib Intermediate Fall 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 intermediate fall 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 (*).

Weight of hook, weight ball, slings, hoist line, etc., beneath intermediate fall is considered part of intermediate fall load. 2,600 Lbs. suspended beneath luffing jib point sheaves has been included in capacity determination. 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.

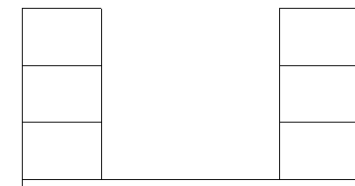
INTERMEDIATE FALL ELEVATION: Intermediate fall elevation is vertical distance from ground level to centerline of intermediate fall shaft.

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.

¹**WARNING:** 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. 8531-A** for luffing jib capacities. Consult chart **No. 8533-A** for fixed jib on luffing jib capacities.

Fixed jib No. 138A must be removed before use of this chart.

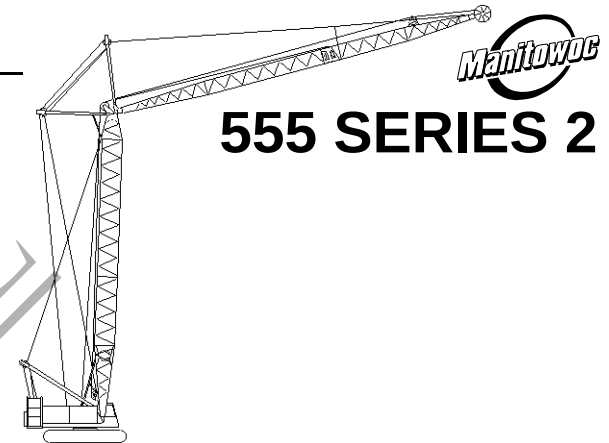


98,500 Lb. Crane Counterweight
6 Side Boxes

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60 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	72.0	126.3	15,000 *															30	
35	67.1	124.3	15,000 *	70.2	125.4	15,000 *												35	
40	62.1	121.8	15,000 *	65.3	123.2	15,000 *												40	
45	56.8	118.7	15,000 *	60.2	120.5	15,000 *	65.5	122.5	15,000 *									45	
50	51.2	114.9	14,500 *	54.8	117.1	15,000 *	60.4	119.8	15,000 *									50	
55	45.1	110.2	12,500 *	49.0	113.0	13,700 *	55.0	116.5	15,000 *	60.5	118.7	15,000 *						55	
60	38.1	104.3	10,900 *	42.6	108.0	11,900 *	49.2	112.4	13,800 *	55.1	115.4	15,000 *						60	
65	29.8	96.6	9,700 *	35.3	101.5	10,400 *	42.8	107.4	11,900 *	49.3	111.3	13,800 *	55.1	113.7	15,000 *			65	
70	18.3	84.7	8,700 *	26.1	92.6	9,300 *	35.5	101.0	10,500 *	43.0	106.3	12,000 *	49.3	109.6	13,800 *			70	
75				11.0	76.6	8,400 *	26.5	92.2	9,300 *	35.7	99.9	10,500 *	42.9	104.6	12,000 *	49.0	107.4	13,700 *	75
80							11.9	76.8	8,400 *	26.7	91.2	9,400 *	35.6	98.2	10,500 *	42.6	102.3	11,900 *	80
85										12.4	76.1	8,400 *	26.6	89.5	9,400 *	35.3	95.8	10,500 *	85
90													12.2	74.3	8,400 *	26.2	87.0	9,300 *	90
95																11.3	71.2	8,400 *	95

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98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
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555 SERIES 2

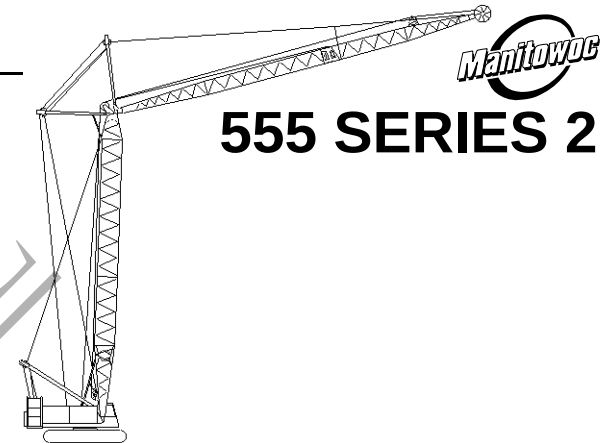
60 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. Feet	Capacity Pounds	Ang. Deg.	Elev. Feet	Capacity Pounds	Ang. Deg.	Elev. Feet	Capacity Pounds	Ang. Deg.	Elev. Feet	Capacity Pounds	Ang. Deg.	Elev. Feet	Capacity Pounds	Ang. Deg.	Elev. Feet	Capacity Pounds	
30	72.0	126.3	15,000 *																30
35	67.1	124.3	15,000 *	70.2	125.4	15,000 *													35
40	62.1	121.8	15,000 *	65.3	123.2	15,000 *													40
45	56.8	118.7	15,000 *	60.2	120.5	15,000 *	65.5	122.5	15,000 *										45
50	51.2	114.9	15,000 *	54.8	117.1	15,000 *	60.4	119.8	15,000 *										50
55	45.1	110.2	13,000 *	49.0	113.0	14,400 *	55.0	116.5	15,000 *	60.5	118.7	15,000 *							55
60	38.1	104.3	11,200 *	42.6	108.0	12,400 *	49.2	112.4	14,600 *	55.1	115.4	15,000 *							60
65	29.8	96.6	9,700 *	35.3	101.5	10,700 *	42.8	107.4	12,500 *	49.3	111.3	14,700 *	55.1	113.7	15,000 *				65
70	18.3	84.7	8,400 *	26.1	92.6	9,200 *	35.5	101.0	10,800 *	43.0	106.3	12,600 *	49.3	109.6	14,700 *				70
75				11.0	76.6	7,900 *	26.5	92.2	9,300 *	35.7	99.9	10,900 *	42.9	104.6	12,600 *	49.0	107.4	14,700 *	75
80							11.9	76.8	8,000 *	26.7	91.2	9,400 *	35.6	98.2	10,900 *	42.6	102.3	12,600 *	80
85										12.4	76.1	8,100 *	26.6	89.5	9,500 *	35.3	95.8	10,900 *	85
90													12.2	74.3	8,200 *	26.2	87.0	9,500 *	90
95																11.3	71.2	8,200 *	95

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555 SERIES 2

60 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	72.0	126.3	15,000 *																30
35	67.1	124.3	15,000 *	70.2	125.4	15,000 *													35
40	62.1	121.8	15,000 *	65.3	123.2	15,000 *													40
45	56.8	118.7	15,000 *	60.2	120.5	15,000 *	65.5	122.5	15,000 *										45
50	51.2	114.9	13,900 *	54.8	117.1	15,000 *	60.4	119.8	15,000 *										50
55	45.1	110.2	11,800 *	49.0	113.0	13,100 *	55.0	116.5	15,000 *	60.5	118.7	15,000 *							55
60	38.1	104.3	10,100 *	42.6	108.0	11,100 *	49.2	112.4	13,200 *	55.1	115.4	15,000 *							60
65	29.8	96.6	8,700 *	35.3	101.5	9,600 *	42.8	107.4	11,300 *	49.3	111.3	13,300 *	55.1	113.7	15,000 *				65
70	18.3	84.7	7,500 *	26.1	92.6	8,300 *	35.5	101.0	9,700 *	43.0	106.3	11,300 *	49.3	109.6	13,300 *				70
75				11.0	76.6	7,100 *	26.5	92.2	8,400 *	35.7	99.9	9,800 *	42.9	104.6	11,400 *	49.0	107.4	13,300 *	75
80							11.9	76.8	7,200 *	26.7	91.2	8,500 *	35.6	98.2	9,800 *	42.6	102.3	11,400 *	80
85										12.4	76.1	7,300 *	26.6	89.5	8,500 *	35.3	95.8	9,800 *	85
90													12.2	74.3	7,300 *	26.2	87.0	8,500 *	90
95																11.3	71.2	7,300 *	95

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Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
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555 SERIES 2

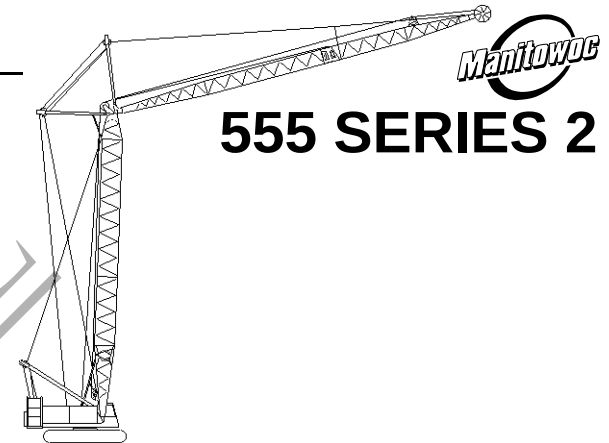
60 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	72.0	126.3	15,000 *															30	
35	67.1	124.3	15,000 *	70.2	125.4	15,000 *												35	
40	62.1	121.8	15,000 *	65.3	123.2	15,000 *												40	
45	56.8	118.7	14,700 *	60.2	120.5	15,000 *	65.5	122.5	15,000 *									45	
50	51.2	114.9	12,200 *	54.8	117.1	13,800 *	60.4	119.8	15,000 *									50	
55	45.1	110.2	10,300 *	49.0	113.0	11,500 *	55.0	116.5	13,900 *	60.5	118.7	15,000 *						55	
60	38.1	104.3	8,800 *	42.6	108.0	9,700 *	49.2	112.4	11,600 *	55.1	115.4	14,000 *						60	
65	29.8	96.6	7,500 *	35.3	101.5	8,300 *	42.8	107.4	9,900 *	49.3	111.3	11,700 *	55.1	113.7	14,000 *			65	
70	18.3	84.7	6,400 *	26.1	92.6	7,100 *	35.5	101.0	8,400 *	43.0	106.3	9,900 *	49.3	109.6	11,700 *			70	
75				11.0	76.6	6,000 *	26.5	92.2	7,200 *	35.7	99.9	8,500 *	42.9	104.6	10,000 *	49.0	107.4	11,700 *	75
80							11.9	76.8	6,100 *	26.7	91.2	7,300 *	35.6	98.2	8,500 *	42.6	102.3	9,900 *	80
85										12.4	76.1	6,200 *	26.6	89.5	7,300 *	35.3	95.8	8,500 *	85
90													12.2	74.3	6,300 *	26.2	87.0	7,300 *	90
95																11.3	71.2	6,300 *	95

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555 SERIES 2

60 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	72.0	126.3	15,000 *																30
35	67.1	124.3	15,000 *	70.2	125.4	15,000 *													35
40	62.1	121.8	15,000 *	65.3	123.2	15,000 *													40
45	56.8	118.7	14,100 *	60.2	120.5	15,000 *	65.5	122.5	15,000 *										45
50	51.2	114.9	11,800 *	54.8	117.1	13,200 *	60.4	119.8	15,000 *										50
55	45.1	110.2	9,900 *	49.0	113.0	11,100 *	55.0	116.5	13,300 *	60.5	118.7	15,000 *							55
60	38.1	104.3	8,500 *	42.6	108.0	9,400 *	49.2	112.4	11,200 *	55.1	115.4	13,400 *							60
65	29.8	96.6	7,300 *	35.3	101.5	8,000 *	42.8	107.4	9,500 *	49.3	111.3	11,300 *	55.1	113.7	13,400 *				65
70	18.3	84.7	6,200 *	26.1	92.6	6,900 *	35.5	101.0	8,100 *	43.0	106.3	9,600 *	49.3	109.6	11,300 *				70
75				11.0	76.6	5,900 *	26.5	92.2	7,000 *	35.7	99.9	8,200 *	42.9	104.6	9,600 *	49.0	107.4	11,200 *	75
80							11.9	76.8	6,000 *	26.7	91.2	7,000 *	35.6	98.2	8,200 *	42.6	102.3	9,600 *	80
85										12.4	76.1	6,000 *	26.6	89.5	7,100 *	35.3	95.8	8,200 *	85
90													12.2	74.3	6,100 *	26.2	87.0	7,100 *	90
95																11.3	71.2	6,100 *	95

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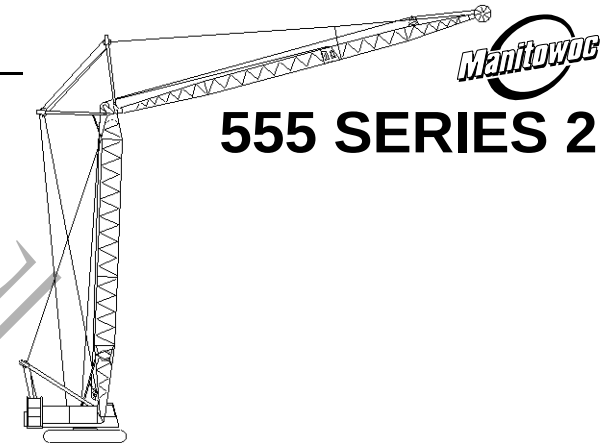
60 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	72.0	126.3	15,000 *															30	
35	67.1	124.3	15,000 *	70.2	125.4	15,000 *												35	
40	62.1	121.8	15,000 *	65.3	123.2	15,000 *												40	
45	56.8	118.7	14,100 *	60.2	120.5	15,000 *	65.5	122.5	15,000 *									45	
50	51.2	114.9	11,800 *	54.8	117.1	13,200 *	60.4	119.8	15,000 *									50	
55	45.1	110.2	10,000 *	49.0	113.0	11,100 *	55.0	116.5	13,400 *	60.5	118.7	15,000 *						55	
60	38.1	104.3	8,600 *	42.6	108.0	9,500 *	49.2	112.4	11,300 *	55.1	115.4	13,400 *						60	
65	29.8	96.6	7,400 *	35.3	101.5	8,200 *	42.8	107.4	9,600 *	49.3	111.3	11,300 *	55.1	113.7	13,400 *			65	
70	18.3	84.7	6,400 *	26.1	92.6	7,100 *	35.5	101.0	8,300 *	43.0	106.3	9,700 *	49.3	109.6	11,400 *			70	
75				11.0	76.6	6,100 *	26.5	92.2	7,200 *	35.7	99.9	8,300 *	42.9	104.6	9,700 *	49.0	107.4	11,300 *	75
80							11.9	76.8	6,200 *	26.7	91.2	7,200 *	35.6	98.2	8,400 *	42.6	102.3	9,700 *	80
85										12.4	76.1	6,300 *	26.6	89.5	7,300 *	35.3	95.8	8,400 *	85
90													12.2	74.3	6,300 *	26.2	87.0	7,300 *	90
95																11.3	71.2	6,300 *	95

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70 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	72.3	136.4	15,000 *																30
35	67.5	134.4	15,000 *	71.0	135.6	15,000 *													35
40	62.5	132.0	15,000 *	66.2	133.6	15,000 *													40
45	57.2	128.9	15,000 *	61.1	130.9	15,000 *	67.2	133.2	15,000 *										45
50	51.6	125.2	14,600 *	55.8	127.7	15,000 *	62.2	130.7	15,000 *										50
55	45.5	120.6	12,600 *	50.0	123.8	14,000 *	56.9	127.6	15,000 *										55
60	38.7	114.8	11,000 *	43.8	118.9	12,200 *	51.3	123.8	14,500 *	57.9	126.8	15,000 *							60
65	30.5	107.2	9,800 *	36.6	112.7	10,700 *	45.1	119.1	12,500 *	52.4	123.2	15,000 *							65
70	19.3	95.8	8,800 *	27.9	104.4	9,500 *	38.2	113.2	11,000 *	46.3	118.7	12,900 *	53.3	121.9	15,000 *				70
75				14.9	90.8	8,500 *	29.9	105.5	9,700 *	39.6	113.1	11,300 *	47.3	117.6	13,200 *				75
80							18.4	93.7	8,700 *	31.7	105.8	10,000 *	40.7	112.2	11,500 *	48.1	115.7	13,400 *	80
85										21.1	95.1	8,900 *	33.0	105.2	10,100 *	41.6	110.5	11,700 *	85
90													23.1	95.3	9,100 *	34.1	103.7	10,300 *	90
95																24.5	94.3	9,200 *	95
100																5.8	74.2	8,400 *	100

Liftcrane Luffing Jib Intermediate Fall 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

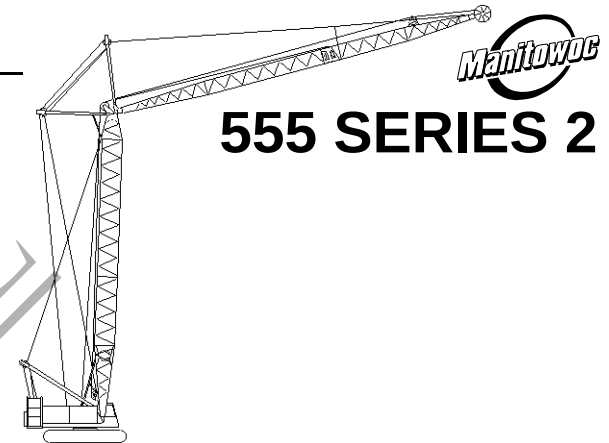
70 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	72.3	136.4	15,000 *															30	
35	67.5	134.4	15,000 *	71.0	135.6	15,000 *												35	
40	62.5	132.0	15,000 *	66.2	133.6	15,000 *												40	
45	57.2	128.9	15,000 *	61.1	130.9	15,000 *	67.2	133.2	15,000 *									45	
50	51.6	125.2	15,000 *	55.8	127.7	15,000 *	62.2	130.7	15,000 *									50	
55	45.5	120.6	13,000 *	50.0	123.8	14,700 *	56.9	127.6	15,000 *									55	
60	38.7	114.8	11,200 *	43.8	118.9	12,500 *	51.3	123.8	15,000 *	57.9	126.8	15,000 *						60	
65	30.5	107.2	9,600 *	36.6	112.7	10,800 *	45.1	119.1	13,000 *	52.4	123.2	15,000 *						65	
70	19.3	95.8	8,300 *	27.9	104.4	9,300 *	38.2	113.2	11,200 *	46.3	118.7	13,500 *	53.3	121.9	15,000 *			70	
75				14.9	90.8	8,000 *	29.9	105.5	9,700 *	39.6	113.1	11,600 *	47.3	117.6	13,900 *			75	
80							18.4	93.7	8,300 *	31.7	105.8	10,000 *	40.7	112.2	11,900 *	48.1	115.7	14,200 *	80
85										21.1	95.1	8,700 *	33.0	105.2	10,300 *	41.6	110.5	12,200 *	85
90													23.1	95.3	8,900 *	34.1	103.7	10,500 *	90
95																24.5	94.3	9,100 *	95
100																5.8	74.2	7,900 *	100

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	72.3	136.4	15,000 *																30
35	67.5	134.4	15,000 *	71.0	135.6	15,000 *													35
40	62.5	132.0	15,000 *	66.2	133.6	15,000 *													40
45	57.2	128.9	15,000 *	61.1	130.9	15,000 *	67.2	133.2	15,000 *										45
50	51.6	125.2	14,000 *	55.8	127.7	15,000 *	62.2	130.7	15,000 *										50
55	45.5	120.6	11,900 *	50.0	123.8	13,500 *	56.9	127.6	15,000 *										55
60	38.7	114.8	10,200 *	43.8	118.9	11,500 *	51.3	123.8	14,000 *	57.9	126.8	15,000 *							60
65	30.5	107.2	8,800 *	36.6	112.7	9,800 *	45.1	119.1	11,900 *	52.4	123.2	14,500 *							65
70	19.3	95.8	7,600 *	27.9	104.4	8,500 *	38.2	113.2	10,200 *	46.3	118.7	12,300 *	53.3	121.9	15,000 *				70
75				14.9	90.8	7,300 *	29.9	105.5	8,800 *	39.6	113.1	10,600 *	47.3	117.6	12,700 *				75
80							18.4	93.7	7,600 *	31.7	105.8	9,100 *	40.7	112.2	10,900 *	48.1	115.7	13,000 *	80
85										21.1	95.1	7,900 *	33.0	105.2	9,400 *	41.6	110.5	11,100 *	85
90													23.1	95.3	8,100 *	34.1	103.7	9,600 *	90
95																24.5	94.3	8,300 *	95
100																5.8	74.2	7,200 *	100

Liftcrane Luffing Jib Intermediate Fall 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

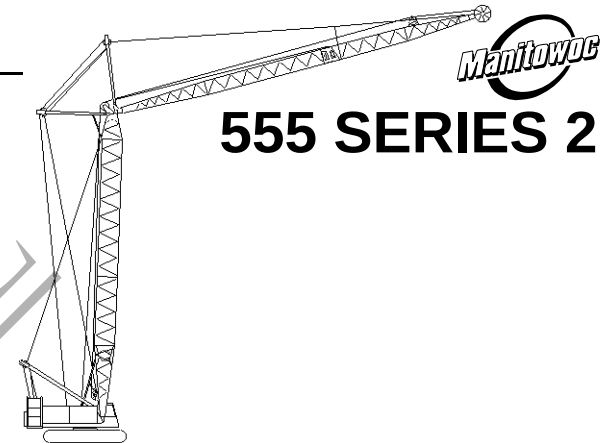
70 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	72.3	136.4	15,000 *															30	
35	67.5	134.4	15,000 *	71.0	135.6	15,000 *												35	
40	62.5	132.0	15,000 *	66.2	133.6	15,000 *												40	
45	57.2	128.9	15,000 *	61.1	130.9	15,000 *	67.2	133.2	15,000 *									45	
50	51.6	125.2	12,400 *	55.8	127.7	14,200 *	62.2	130.7	15,000 *									50	
55	45.5	120.6	10,500 *	50.0	123.8	11,900 *	56.9	127.6	14,900 *									55	
60	38.7	114.8	8,900 *	43.8	118.9	10,000 *	51.3	123.8	12,400 *	57.9	126.8	15,000 *						60	
65	30.5	107.2	7,600 *	36.6	112.7	8,600 *	45.1	119.1	10,400 *	52.4	123.2	12,800 *						65	
70	19.3	95.8	6,500 *	27.9	104.4	7,300 *	38.2	113.2	8,900 *	46.3	118.7	10,800 *	53.3	121.9	13,200 *			70	
75				14.9	90.8	6,300 *	29.9	105.5	7,600 *	39.6	113.1	9,200 *	47.3	117.6	11,200 *			75	
80							18.4	93.7	6,500 *	31.7	105.8	7,900 *	40.7	112.2	9,500 *	48.1	115.7	11,400 *	80
85										21.1	95.1	6,800 *	33.0	105.2	8,100 *	41.6	110.5	9,700 *	85
90													23.1	95.3	7,000 *	34.1	103.7	8,300 *	90
95																24.5	94.3	7,200 *	95
100																5.8	74.2	6,100 *	100

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	72.3	136.4	15,000 *																30
35	67.5	134.4	15,000 *	71.0	135.6	15,000 *													35
40	62.5	132.0	15,000 *	66.2	133.6	15,000 *													40
45	57.2	128.9	14,400 *	61.1	130.9	15,000 *	67.2	133.2	15,000 *										45
50	51.6	125.2	11,900 *	55.8	127.7	13,700 *	62.2	130.7	15,000 *										50
55	45.5	120.6	10,100 *	50.0	123.8	11,400 *	56.9	127.6	14,300 *										55
60	38.7	114.8	8,600 *	43.8	118.9	9,700 *	51.3	123.8	11,900 *	57.9	126.8	14,800 *							60
65	30.5	107.2	7,300 *	36.6	112.7	8,200 *	45.1	119.1	10,000 *	52.4	123.2	12,300 *							65
70	19.3	95.8	6,300 *	27.9	104.4	7,100 *	38.2	113.2	8,600 *	46.3	118.7	10,400 *	53.3	121.9	12,700 *				70
75				14.9	90.8	6,100 *	29.9	105.5	7,400 *	39.6	113.1	8,900 *	47.3	117.6	10,700 *				75
80							18.4	93.7	6,300 *	31.7	105.8	7,600 *	40.7	112.2	9,100 *	48.1	115.7	11,000 *	80
85										21.1	95.1	6,600 *	33.0	105.2	7,800 *	41.6	110.5	9,300 *	85
90													23.1	95.3	6,800 *	34.1	103.7	8,000 *	90
95																24.5	94.3	6,900 *	95
100																5.8	74.2	6,000 *	100

Liftcrane Luffing Jib Intermediate Fall 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

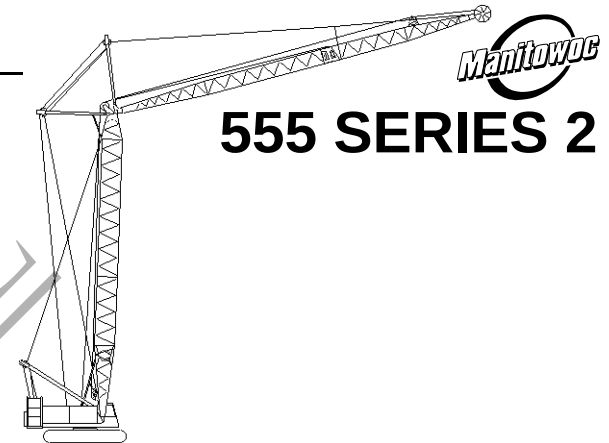
70 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	72.3	136.4	15,000 *															30	
35	67.5	134.4	15,000 *	71.0	135.6	15,000 *												35	
40	62.5	132.0	15,000 *	66.2	133.6	15,000 *												40	
45	57.2	128.9	14,300 *	61.1	130.9	15,000 *	67.2	133.2	15,000 *									45	
50	51.6	125.2	12,000 *	55.8	127.7	13,700 *	62.2	130.7	15,000 *									50	
55	45.5	120.6	10,200 *	50.0	123.8	11,500 *	56.9	127.6	14,300 *									55	
60	38.7	114.8	8,700 *	43.8	118.9	9,800 *	51.3	123.8	11,900 *	57.9	126.8	14,800 *						60	
65	30.5	107.2	7,500 *	36.6	112.7	8,400 *	45.1	119.1	10,200 *	52.4	123.2	12,400 *						65	
70	19.3	95.8	6,500 *	27.9	104.4	7,300 *	38.2	113.2	8,700 *	46.3	118.7	10,500 *	53.3	121.9	12,800 *			70	
75				14.9	90.8	6,300 *	29.9	105.5	7,500 *	39.6	113.1	9,000 *	47.3	117.6	10,800 *			75	
80							18.4	93.7	6,500 *	31.7	105.8	7,800 *	40.7	112.2	9,300 *	48.1	115.7	11,100 *	80
85										21.1	95.1	6,800 *	33.0	105.2	8,000 *	41.6	110.5	9,500 *	85
90													23.1	95.3	7,000 *	34.1	103.7	8,200 *	90
95																24.5	94.3	7,100 *	95
100																5.8	74.2	6,200 *	100

Liftcrane Luffing Jib Intermediate Fall 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, 110 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	72.6	146.5	15,000 *																30
35	67.8	144.6	15,000 *	71.8	145.9	15,000 *													35
40	62.8	142.2	15,000 *	67.0	143.9	15,000 *													40
45	57.6	139.2	15,000 *	62.0	141.4	15,000 *													45
50	52.0	135.5	15,000 *	56.7	138.3	15,000 *	63.9	141.4	15,000 *										50
55	46.0	130.9	12,900 *	51.1	134.5	14,600 *	58.8	138.6	15,000 *										55
60	39.2	125.2	11,300 *	44.9	129.8	12,600 *	53.3	135.0	15,000 *	60.6	138.1	15,000 *							60
65	31.1	117.8	10,000 *	38.0	123.9	11,100 *	47.3	130.7	13,300 *	55.3	134.8	15,000 *							65
70	20.3	106.8	9,000 *	29.6	116.0	9,800 *	40.7	125.3	11,600 *	49.5	130.8	14,000 *	57.1	133.8	15,000 *				70
75				17.9	104.0	8,800 *	33.0	118.3	10,300 *	43.2	125.8	12,200 *	51.5	130.0	14,700 *				75
80							23.1	108.4	9,200 *	36.0	119.5	10,700 *	45.3	125.4	12,800 *				80
85										27.1	110.9	9,600 *	38.5	119.6	11,200 *	47.1	124.0	13,300 *	85
90										13.2	96.3	8,600 *	30.2	111.9	9,900 *	40.5	118.6	11,600 *	90
95													18.9	100.3	8,900 *	32.8	111.6	10,300 *	95
100																22.7	101.5	9,200 *	100

Liftcrane Luffing Jib Intermediate Fall 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

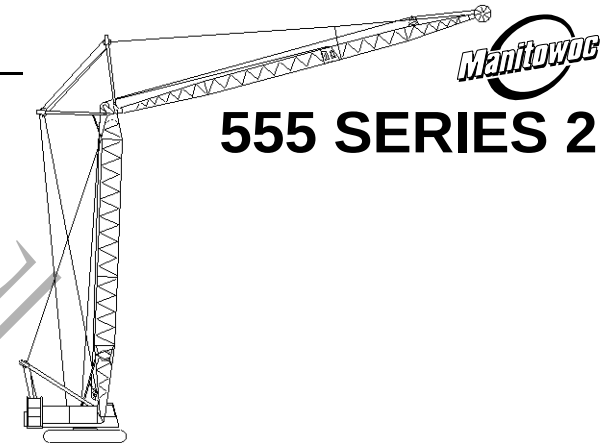
80 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	72.6	146.5	15,000 *															30	
35	67.8	144.6	15,000 *	71.8	145.9	15,000 *												35	
40	62.8	142.2	15,000 *	67.0	143.9	15,000 *												40	
45	57.6	139.2	15,000 *	62.0	141.4	15,000 *												45	
50	52.0	135.5	15,000 *	56.7	138.3	15,000 *	63.9	141.4	15,000 *									50	
55	46.0	130.9	13,000 *	51.1	134.5	15,000 *	58.8	138.6	15,000 *									55	
60	39.2	125.2	11,100 *	44.9	129.8	12,700 *	53.3	135.0	15,000 *	60.6	138.1	15,000 *						60	
65	31.1	117.8	9,500 *	38.0	123.9	10,900 *	47.3	130.7	13,600 *	55.3	134.8	15,000 *						65	
70	20.3	106.8	8,100 *	29.6	116.0	9,300 *	40.7	125.3	11,600 *	49.5	130.8	14,500 *	57.1	133.8	15,000 *			70	
75				17.9	104.0	8,000 *	33.0	118.3	10,000 *	43.2	125.8	12,300 *	51.5	130.0	15,000 *			75	
80							23.1	108.4	8,600 *	36.0	119.5	10,600 *	45.3	125.4	13,100 *			80	
85										27.1	110.9	9,100 *	38.5	119.6	11,200 *	47.1	124.0	13,700 *	
90										13.2	96.3	7,800 *	30.2	111.9	9,700 *	40.5	118.6	11,800 *	
95													18.9	100.3	8,300 *	32.8	111.6	10,100 *	
100																22.7	101.5	8,800 *	

Liftcrane Luffing Jib Intermediate Fall 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, 130 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	72.6	146.5	15,000 *																30
35	67.8	144.6	15,000 *	71.8	145.9	15,000 *													35
40	62.8	142.2	15,000 *	67.0	143.9	15,000 *													40
45	57.6	139.2	15,000 *	62.0	141.4	15,000 *													45
50	52.0	135.5	14,100 *	56.7	138.3	15,000 *	63.9	141.4	15,000 *										50
55	46.0	130.9	11,900 *	51.1	134.5	13,700 *	58.8	138.6	15,000 *										55
60	39.2	125.2	10,100 *	44.9	129.8	11,600 *	53.3	135.0	14,700 *	60.6	138.1	15,000 *							60
65	31.1	117.8	8,700 *	38.0	123.9	9,900 *	47.3	130.7	12,400 *	55.3	134.8	15,000 *							65
70	20.3	106.8	7,400 *	29.6	116.0	8,500 *	40.7	125.3	10,600 *	49.5	130.8	13,300 *	57.1	133.8	15,000 *				70
75				17.9	104.0	7,300 *	33.0	118.3	9,100 *	43.2	125.8	11,300 *	51.5	130.0	14,100 *				75
80							23.1	108.4	7,800 *	36.0	119.5	9,700 *	45.3	125.4	11,900 *				80
85										27.1	110.9	8,400 *	38.5	119.6	10,200 *	47.1	124.0	12,500 *	85
90										13.2	96.3	7,100 *	30.2	111.9	8,800 *	40.5	118.6	10,700 *	90
95													18.9	100.3	7,600 *	32.8	111.6	9,300 *	95
100																22.7	101.5	8,000 *	100

Liftcrane Luffing Jib Intermediate Fall 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

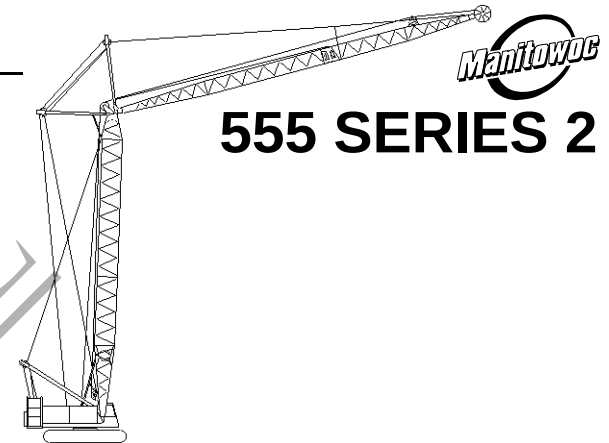
80 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	72.6	146.5	15,000 *															30	
35	67.8	144.6	15,000 *	71.8	145.9	15,000 *												35	
40	62.8	142.2	15,000 *	67.0	143.9	15,000 *												40	
45	57.6	139.2	15,000 *	62.0	141.4	15,000 *												45	
50	52.0	135.5	12,500 *	56.7	138.3	14,600 *	63.9	141.4	15,000 *									50	
55	46.0	130.9	10,500 *	51.1	134.5	12,100 *	58.8	138.6	15,000 *									55	
60	39.2	125.2	8,800 *	44.9	129.8	10,200 *	53.3	135.0	13,100 *	60.6	138.1	15,000 *						60	
65	31.1	117.8	7,500 *	38.0	123.9	8,700 *	47.3	130.7	11,000 *	55.3	134.8	14,000 *						65	
70	20.3	106.8	6,400 *	29.6	116.0	7,400 *	40.7	125.3	9,300 *	49.5	130.8	11,700 *	57.1	133.8	14,900 *			70	
75				17.9	104.0	6,200 *	33.0	118.3	7,900 *	43.2	125.8	9,900 *	51.5	130.0	12,400 *			75	
80							23.1	108.4	6,700 *	36.0	119.5	8,400 *	45.3	125.4	10,500 *			80	
85										27.1	110.9	7,200 *	38.5	119.6	8,900 *	47.1	124.0	11,000 *	85
90										13.2	96.3	6,100 *	30.2	111.9	7,600 *	40.5	118.6	9,400 *	90
95													18.9	100.3	6,500 *	32.8	111.6	8,000 *	95
100																22.7	101.5	6,900 *	100

Liftcrane Luffing Jib Intermediate Fall 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, 150 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	72.6	146.5	15,000 *																30
35	67.8	144.6	15,000 *	71.8	145.9	15,000 *													35
40	62.8	142.2	15,000 *	67.0	143.9	15,000 *													40
45	57.6	139.2	14,400 *	62.0	141.4	15,000 *													45
50	52.0	135.5	12,000 *	56.7	138.3	14,000 *	63.9	141.4	15,000 *										50
55	46.0	130.9	10,100 *	51.1	134.5	11,700 *	58.8	138.6	15,000 *										55
60	39.2	125.2	8,500 *	44.9	129.8	9,800 *	53.3	135.0	12,600 *	60.6	138.1	15,000 *							60
65	31.1	117.8	7,300 *	38.0	123.9	8,400 *	47.3	130.7	10,500 *	55.3	134.8	13,500 *							65
70	20.3	106.8	6,200 *	29.6	116.0	7,100 *	40.7	125.3	8,900 *	49.5	130.8	11,300 *	57.1	133.8	14,300 *				70
75				17.9	104.0	6,100 *	33.0	118.3	7,600 *	43.2	125.8	9,500 *	51.5	130.0	11,900 *				75
80							23.1	108.4	6,500 *	36.0	119.5	8,100 *	45.3	125.4	10,100 *				80
85										27.1	110.9	7,000 *	38.5	119.6	8,600 *	47.1	124.0	10,600 *	85
90										13.2	96.3	5,900 *	30.2	111.9	7,400 *	40.5	118.6	9,000 *	90
95													18.9	100.3	6,300 *	32.8	111.6	7,700 *	95
100																22.7	101.5	6,700 *	100

Liftcrane Luffing Jib Intermediate Fall 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

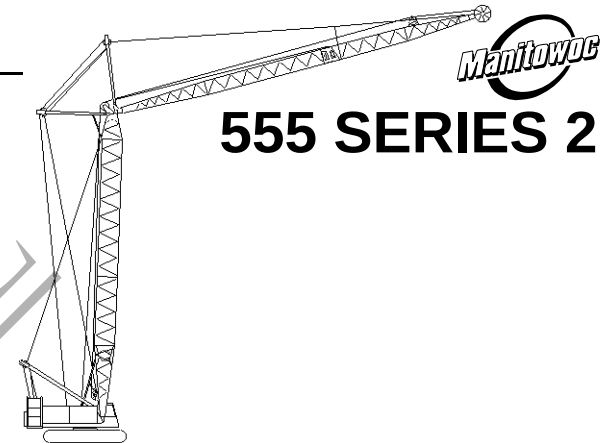
80 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	72.6	146.5	15,000 *															30	
35	67.8	144.6	15,000 *	71.8	145.9	15,000 *												35	
40	62.8	142.2	15,000 *	67.0	143.9	15,000 *												40	
45	57.6	139.2	14,400 *	62.0	141.4	15,000 *												45	
50	52.0	135.5	12,000 *	56.7	138.3	14,000 *	63.9	141.4	15,000 *									50	
55	46.0	130.9	10,200 *	51.1	134.5	11,700 *	58.8	138.6	15,000 *									55	
60	39.2	125.2	8,700 *	44.9	129.8	9,900 *	53.3	135.0	12,600 *	60.6	138.1	15,000 *						60	
65	31.1	117.8	7,500 *	38.0	123.9	8,500 *	47.3	130.7	10,600 *	55.3	134.8	13,500 *						65	
70	20.3	106.8	6,400 *	29.6	116.0	7,300 *	40.7	125.3	9,100 *	49.5	130.8	11,300 *	57.1	133.8	14,300 *			70	
75				17.9	104.0	6,300 *	33.0	118.3	7,800 *	43.2	125.8	9,600 *	51.5	130.0	12,000 *			75	
80							23.1	108.4	6,700 *	36.0	119.5	8,300 *	45.3	125.4	10,200 *			80	
85										27.1	110.9	7,200 *	38.5	119.6	8,800 *	47.1	124.0	10,700 *	
90										13.2	96.3	6,200 *	30.2	111.9	7,600 *	40.5	118.6	9,200 *	
95													18.9	100.3	6,500 *	32.8	111.6	7,900 *	
100																22.7	101.5	6,900 *	

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.0	156.6	15,000 *																30
35	68.2	154.7	15,000 *	72.7	156.2	15,000 *													35
40	63.2	152.4	15,000 *	67.9	154.3	15,000 *													40
45	58.0	149.4	15,000 *	62.9	151.9	15,000 *													45
50	52.4	145.7	15,000 *	57.6	148.9	15,000 *	65.7	152.2	15,000 *										50
55	46.4	141.3	12,900 *	52.1	145.2	14,900 *	60.6	149.5	15,000 *										55
60	39.7	135.7	11,300 *	46.0	140.6	12,800 *	55.2	146.2	15,000 *										60
65	31.7	128.4	10,000 *	39.2	135.0	11,200 *	49.5	142.2	13,900 *	58.1	146.2	15,000 *							65
70	21.2	117.8	8,900 *	31.2	127.6	9,900 *	43.1	137.2	12,100 *	52.6	142.6	15,000 *							70
75				20.4	116.6	8,900 *	35.9	130.8	10,600 *	46.6	138.2	13,000 *	55.3	142.1	15,000 *				75
80							26.9	122.2	9,400 *	39.8	132.6	11,300 *	49.6	138.0	14,000 *				80
85							12.9	107.4	8,500 *	32.0	125.4	10,000 *	43.3	133.1	12,100 *	52.2	136.9	14,900 *	85
90										21.5	114.9	9,000 *	36.0	126.8	10,700 *	46.2	132.3	12,900 *	90
95													27.2	118.2	9,500 *	39.4	126.7	11,300 *	95
100													13.4	103.8	8,500 *	31.4	119.3	10,000 *	100
105																20.7	108.5	8,900 *	105

Liftcrane Luffing Jib Intermediate Fall 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

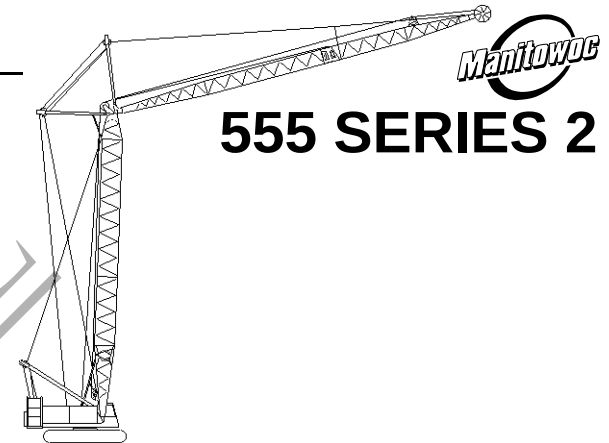
90 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.0	156.6	15,000 *																30
35	68.2	154.7	15,000 *	72.7	156.2	15,000 *													35
40	63.2	152.4	15,000 *	67.9	154.3	15,000 *													40
45	58.0	149.4	15,000 *	62.9	151.9	15,000 *													45
50	52.4	145.7	15,000 *	57.6	148.9	15,000 *	65.7	152.2	15,000 *										50
55	46.4	141.3	13,400 *	52.1	145.2	15,000 *	60.6	149.5	15,000 *										55
60	39.7	135.7	11,400 *	46.0	140.6	13,300 *	55.2	146.2	15,000 *										60
65	31.7	128.4	9,900 *	39.2	135.0	11,400 *	49.5	142.2	14,600 *	58.1	146.2	15,000 *							65
70	21.2	117.8	8,500 *	31.2	127.6	9,800 *	43.1	137.2	12,500 *	52.6	142.6	15,000 *							70
75				20.4	116.6	8,500 *	35.9	130.8	10,700 *	46.6	138.2	13,600 *	55.3	142.1	15,000 *				75
80							26.9	122.2	9,300 *	39.8	132.6	11,700 *	49.6	138.0	14,800 *				80
85							12.9	107.4	8,000 *	32.0	125.4	10,100 *	43.3	133.1	12,700 *	52.2	136.9	15,000 *	85
90										21.5	114.9	8,700 *	36.0	126.8	10,900 *	46.2	132.3	13,600 *	90
95													27.2	118.2	9,500 *	39.4	126.7	11,700 *	95
100													13.4	103.8	8,200 *	31.4	119.3	10,100 *	100
105																20.7	108.5	8,800 *	105

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.0	156.6	15,000 *																30
35	68.2	154.7	15,000 *	72.7	156.2	15,000 *													35
40	63.2	152.4	15,000 *	67.9	154.3	15,000 *													40
45	58.0	149.4	15,000 *	62.9	151.9	15,000 *													45
50	52.4	145.7	14,400 *	57.6	148.9	15,000 *	65.7	152.2	15,000 *										50
55	46.4	141.3	12,200 *	52.1	145.2	14,300 *	60.6	149.5	15,000 *										55
60	39.7	135.7	10,500 *	46.0	140.6	12,200 *	55.2	146.2	15,000 *										60
65	31.7	128.4	9,000 *	39.2	135.0	10,400 *	49.5	142.2	13,400 *	58.1	146.2	15,000 *							65
70	21.2	117.8	7,800 *	31.2	127.6	9,000 *	43.1	137.2	11,400 *	52.6	142.6	14,700 *							70
75				20.4	116.6	7,700 *	35.9	130.8	9,800 *	46.6	138.2	12,500 *	55.3	142.1	15,000 *				75
80							26.9	122.2	8,500 *	39.8	132.6	10,700 *	49.6	138.0	13,500 *				80
85							12.9	107.4	7,300 *	32.0	125.4	9,200 *	43.3	133.1	11,600 *	52.2	136.9	14,600 *	85
90										21.5	114.9	8,000 *	36.0	126.8	10,000 *	46.2	132.3	12,400 *	90
95													27.2	118.2	8,600 *	39.4	126.7	10,700 *	95
100													13.4	103.8	7,500 *	31.4	119.3	9,300 *	100
105																20.7	108.5	8,000 *	105

Liftcrane Luffing Jib Intermediate Fall 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

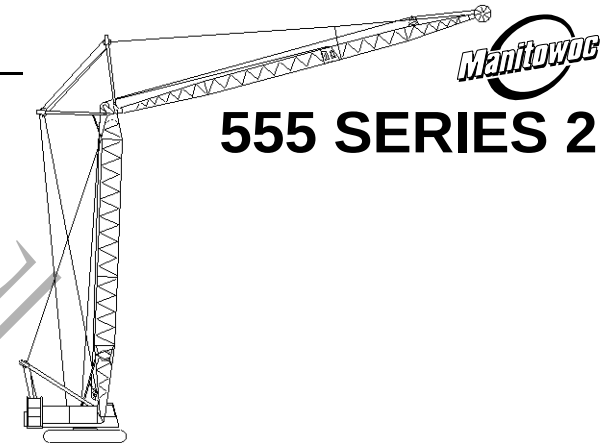
90 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.0	156.6	15,000 *															30	
35	68.2	154.7	15,000 *	72.7	156.2	15,000 *												35	
40	63.2	152.4	15,000 *	67.9	154.3	15,000 *												40	
45	58.0	149.4	15,000 *	62.9	151.9	15,000 *												45	
50	52.4	145.7	12,800 *	57.6	148.9	15,000 *	65.7	152.2	15,000 *									50	
55	46.4	141.3	10,700 *	52.1	145.2	12,700 *	60.6	149.5	15,000 *									55	
60	39.7	135.7	9,100 *	46.0	140.6	10,700 *	55.2	146.2	14,100 *									60	
65	31.7	128.4	7,800 *	39.2	135.0	9,100 *	49.5	142.2	11,800 *	58.1	146.2	15,000 *						65	
70	21.2	117.8	6,700 *	31.2	127.6	7,800 *	43.1	137.2	10,000 *	52.6	142.6	13,000 *						70	
75				20.4	116.6	6,600 *	35.9	130.8	8,500 *	46.6	138.2	11,000 *	55.3	142.1	14,300 *			75	
80							26.9	122.2	7,300 *	39.8	132.6	9,300 *	49.6	138.0	11,900 *			80	
85							12.9	107.4	6,200 *	32.0	125.4	8,000 *	43.3	133.1	10,100 *	52.2	136.9	85	
90										21.5	114.9	6,800 *	36.0	126.8	8,700 *	46.2	132.3	90	
95													27.2	118.2	7,400 *	39.4	126.7	95	
100													13.4	103.8	6,400 *	31.4	119.3	100	
105																20.7	108.5	105	

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.0	156.6	15,000 *																30
35	68.2	154.7	15,000 *	72.7	156.2	15,000 *													35
40	63.2	152.4	15,000 *	67.9	154.3	15,000 *													40
45	58.0	149.4	14,800 *	62.9	151.9	15,000 *													45
50	52.4	145.7	12,300 *	57.6	148.9	14,700 *	65.7	152.2	15,000 *										50
55	46.4	141.3	10,300 *	52.1	145.2	12,200 *	60.6	149.5	15,000 *										55
60	39.7	135.7	8,800 *	46.0	140.6	10,300 *	55.2	146.2	13,600 *										60
65	31.7	128.4	7,500 *	39.2	135.0	8,700 *	49.5	142.2	11,300 *	58.1	146.2	15,000 *							65
70	21.2	117.8	6,500 *	31.2	127.6	7,500 *	43.1	137.2	9,600 *	52.6	142.6	12,500 *							70
75				20.4	116.6	6,400 *	35.9	130.8	8,200 *	46.6	138.2	10,500 *	55.3	142.1	13,700 *				75
80							26.9	122.2	7,100 *	39.8	132.6	9,000 *	49.6	138.0	11,500 *				80
85							12.9	107.4	6,000 *	32.0	125.4	7,700 *	43.3	133.1	9,700 *	52.2	136.9	12,400 *	85
90										21.5	114.9	6,600 *	36.0	126.8	8,300 *	46.2	132.3	10,500 *	90
95													27.2	118.2	7,200 *	39.4	126.7	9,000 *	95
100													13.4	103.8	6,200 *	31.4	119.3	7,700 *	100
105																20.7	108.5	6,700 *	105

Liftcrane Luffing Jib Intermediate Fall 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, 160 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.0	156.6	15,000 *															30	
35	68.2	154.7	15,000 *	72.7	156.2	15,000 *												35	
40	63.2	152.4	15,000 *	67.9	154.3	15,000 *												40	
45	58.0	149.4	14,800 *	62.9	151.9	15,000 *												45	
50	52.4	145.7	12,300 *	57.6	148.9	14,700 *	65.7	152.2	15,000 *									50	
55	46.4	141.3	10,400 *	52.1	145.2	12,200 *	60.6	149.5	15,000 *									55	
60	39.7	135.7	8,900 *	46.0	140.6	10,400 *	55.2	146.2	13,600 *									60	
65	31.7	128.4	7,700 *	39.2	135.0	8,900 *	49.5	142.2	11,400 *	58.1	146.2	15,000 *						65	
70	21.2	117.8	6,700 *	31.2	127.6	7,700 *	43.1	137.2	9,700 *	52.6	142.6	12,500 *						70	
75				20.4	116.6	6,600 *	35.9	130.8	8,400 *	46.6	138.2	10,600 *	55.3	142.1	13,700 *			75	
80							26.9	122.2	7,300 *	39.8	132.6	9,100 *	49.6	138.0	11,600 *			80	
85							12.9	107.4	6,300 *	32.0	125.4	7,900 *	43.3	133.1	9,900 *	52.2	136.9	85	
90										21.5	114.9	6,800 *	36.0	126.8	8,500 *	46.2	132.3	90	
95													27.2	118.2	7,400 *	39.4	126.7	95	
100													13.4	103.8	6,400 *	31.4	119.3	100	
105																20.7	108.5	105	

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.3	166.7	15,000 *																30
35	68.5	164.9	15,000 *																35
40	63.5	162.5	15,000 *	68.7	164.6	15,000 *													40
45	58.3	159.6	15,000 *	63.8	162.3	15,000 *													45
50	52.8	156.0	15,000 *	58.6	159.4	15,000 *	67.4	162.8	15,000 *										50
55	46.8	151.6	13,100 *	53.1	155.8	15,000 *	62.4	160.3	15,000 *										55
60	40.2	146.1	11,400 *	47.1	151.5	13,200 *	57.1	157.3	15,000 *										60
65	32.4	139.0	10,100 *	40.5	146.0	11,500 *	51.5	153.5	14,700 *	60.8	157.5	15,000 *							65
70	22.1	128.7	9,000 *	32.7	139.0	10,100 *	45.4	148.9	12,700 *	55.5	154.2	15,000 *							70
75				22.7	128.9	9,000 *	38.5	143.1	11,100 *	49.7	150.2	14,100 *							75
80							30.3	135.4	9,800 *	43.4	145.3	12,200 *	53.6	150.3	15,000 *				80
85							19.0	123.9	8,800 *	36.2	139.1	10,700 *	47.7	146.0	13,400 *				85
90										27.4	130.6	9,500 *	41.1	140.6	11,700 *	51.3	145.3	14,600 *	90
95										13.9	116.4	8,500 *	33.5	133.8	10,300 *	45.2	140.6	12,600 *	95
100													23.7	124.1	9,200 *	38.3	134.8	11,100 *	100
105																30.0	127.0	9,800 *	105
110																18.5	115.3	8,800 *	110

Liftcrane Luffing Jib Intermediate Fall 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

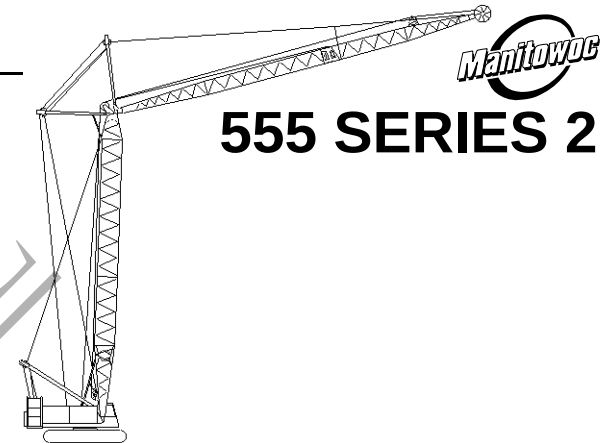
100 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.3	166.7	15,000 *																30
35	68.5	164.9	15,000 *																35
40	63.5	162.5	15,000 *	68.7	164.6	15,000 *													40
45	58.3	159.6	15,000 *	63.8	162.3	15,000 *													45
50	52.8	156.0	15,000 *	58.6	159.4	15,000 *	67.4	162.8	15,000 *										50
55	46.8	151.6	13,700 *	53.1	155.8	15,000 *	62.4	160.3	15,000 *										55
60	40.2	146.1	11,800 *	47.1	151.5	13,900 *	57.1	157.3	15,000 *										60
65	32.4	139.0	10,100 *	40.5	146.0	11,900 *	51.5	153.5	15,000 *	60.8	157.5	15,000 *							65
70	22.1	128.7	8,800 *	32.7	139.0	10,300 *	45.4	148.9	13,400 *	55.5	154.2	15,000 *							70
75				22.7	128.9	8,900 *	38.5	143.1	11,500 *	49.7	150.2	15,000 *							75
80							30.3	135.4	10,000 *	43.4	145.3	12,900 *	53.6	150.3	15,000 *				80
85							19.0	123.9	8,600 *	36.2	139.1	11,100 *	47.7	146.0	14,300 *				85
90										27.4	130.6	9,600 *	41.1	140.6	12,300 *	51.3	145.3	15,000 *	90
95										13.9	116.4	8,300 *	33.5	133.8	10,600 *	45.2	140.6	13,500 *	95
100													23.7	124.1	9,200 *	38.3	134.8	11,700 *	100
105																30.0	127.0	10,100 *	105
110																18.5	115.3	8,800 *	110

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.3	166.7	15,000 *																30
35	68.5	164.9	15,000 *																35
40	63.5	162.5	15,000 *	68.7	164.6	15,000 *													40
45	58.3	159.6	15,000 *	63.8	162.3	15,000 *													45
50	52.8	156.0	14,600 *	58.6	159.4	15,000 *	67.4	162.8	15,000 *										50
55	46.8	151.6	12,400 *	53.1	155.8	14,800 *	62.4	160.3	15,000 *										55
60	40.2	146.1	10,600 *	47.1	151.5	12,500 *	57.1	157.3	15,000 *										60
65	32.4	139.0	9,100 *	40.5	146.0	10,700 *	51.5	153.5	14,200 *	60.8	157.5	15,000 *							65
70	22.1	128.7	7,900 *	32.7	139.0	9,200 *	45.4	148.9	12,100 *	55.5	154.2	15,000 *							70
75				22.7	128.9	8,000 *	38.5	143.1	10,400 *	49.7	150.2	13,600 *							75
80							30.3	135.4	8,900 *	43.4	145.3	11,600 *	53.6	150.3	15,000 *				80
85							19.0	123.9	7,700 *	36.2	139.1	10,000 *	47.7	146.0	12,900 *				85
90										27.4	130.6	8,600 *	41.1	140.6	11,100 *	51.3	145.3	14,300 *	90
95										13.9	116.4	7,400 *	33.5	133.8	9,500 *	45.2	140.6	12,200 *	95
100													23.7	124.1	8,300 *	38.3	134.8	10,500 *	100
105																30.0	127.0	9,100 *	105
110																18.5	115.3	7,900 *	110

Liftcrane Luffing Jib Intermediate Fall 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

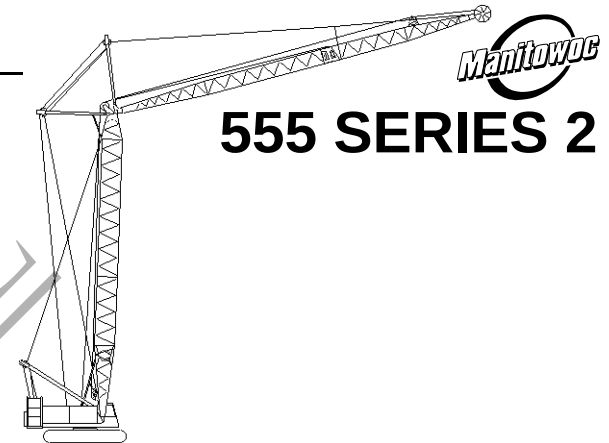
100 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.3	166.7	15,000 *															30	
35	68.5	164.9	15,000 *															35	
40	63.5	162.5	15,000 *	68.7	164.6	15,000 *												40	
45	58.3	159.6	15,000 *	63.8	162.3	15,000 *												45	
50	52.8	156.0	13,000 *	58.6	159.4	15,000 *	67.4	162.8	15,000 *									50	
55	46.8	151.6	10,900 *	53.1	155.8	13,100 *	62.4	160.3	15,000 *									55	
60	40.2	146.1	9,200 *	47.1	151.5	11,000 *	57.1	157.3	15,000 *									60	
65	32.4	139.0	7,900 *	40.5	146.0	9,300 *	51.5	153.5	12,600 *	60.8	157.5	15,000 *						65	
70	22.1	128.7	6,700 *	32.7	139.0	8,000 *	45.4	148.9	10,600 *	55.5	154.2	14,400 *						70	
75				22.7	128.9	6,800 *	38.5	143.1	9,000 *	49.7	150.2	12,000 *						75	
80							30.3	135.4	7,700 *	43.4	145.3	10,100 *	53.6	150.3	13,500 *			80	
85							19.0	123.9	6,600 *	36.2	139.1	8,700 *	47.7	146.0	11,400 *			85	
90										27.4	130.6	7,400 *	41.1	140.6	9,700 *	51.3	145.3	12,600 *	
95													33.5	133.8	8,300 *	45.2	140.6	10,700 *	
100													23.7	124.1	7,100 *	38.3	134.8	9,100 *	
105																30.0	127.0	7,800 *	
110																18.5	115.3	6,700 *	

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.3	166.7	15,000 *																30
35	68.5	164.9	15,000 *																35
40	63.5	162.5	15,000 *	68.7	164.6	15,000 *													40
45	58.3	159.6	15,000 *	63.8	162.3	15,000 *													45
50	52.8	156.0	12,500 *	58.6	159.4	15,000 *	67.4	162.8	15,000 *										50
55	46.8	151.6	10,500 *	53.1	155.8	12,600 *	62.4	160.3	15,000 *										55
60	40.2	146.1	8,900 *	47.1	151.5	10,600 *	57.1	157.3	14,500 *										60
65	32.4	139.0	7,600 *	40.5	146.0	9,000 *	51.5	153.5	12,100 *	60.8	157.5	15,000 *							65
70	22.1	128.7	6,500 *	32.7	139.0	7,700 *	45.4	148.9	10,200 *	55.5	154.2	13,800 *							70
75				22.7	128.9	6,600 *	38.5	143.1	8,700 *	49.7	150.2	11,500 *							75
80							30.3	135.4	7,500 *	43.4	145.3	9,800 *	53.6	150.3	13,000 *				80
85							19.0	123.9	6,400 *	36.2	139.1	8,300 *	47.7	146.0	10,900 *				85
90										27.4	130.6	7,200 *	41.1	140.6	9,300 *	51.3	145.3	12,100 *	90
95										13.9	116.4	6,200 *	33.5	133.8	8,000 *	45.2	140.6	10,300 *	95
100													23.7	124.1	6,900 *	38.3	134.8	8,800 *	100
105																30.0	127.0	7,600 *	105
110																18.5	115.3	6,500 *	110

Liftcrane Luffing Jib Intermediate Fall 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, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.3	166.7	15,000 *										30
35	68.5	164.9	15,000 *										35
40	63.5	162.5	15,000 *	68.7	164.6	15,000 *							40
45	58.3	159.6	15,000 *	63.8	162.3	15,000 *							45
50	52.8	156.0	12,500 *	58.6	159.4	15,000 *	67.4	162.8	15,000 *				50
55	46.8	151.6	10,600 *	53.1	155.8	12,700 *	62.4	160.3	15,000 *				55
60	40.2	146.1	9,000 *	47.1	151.5	10,700 *	57.1	157.3	14,500 *				60
65	32.4	139.0	7,800 *	40.5	146.0	9,100 *	51.5	153.5	12,100 *	60.8	157.5	15,000 *	65
70	22.1	128.7	6,700 *	32.7	139.0	7,900 *	45.4	148.9	10,300 *	55.5	154.2	13,800 *	70
75				22.7	128.9	6,800 *	38.5	143.1	8,800 *	49.7	150.2	11,600 *	75
80							30.3	135.4	7,600 *	43.4	145.3	9,900 *	80
85							19.0	123.9	6,600 *	36.2	139.1	7,200 *	85
90										27.4	130.6	4,700 *	90

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.6	176.8	15,000 *																30
35	68.8	175.0	15,000 *																35
40	63.9	172.7	15,000 *	69.6	174.9	15,000 *													40
45	58.7	169.8	15,000 *	64.6	172.7	15,000 *													45
50	53.2	166.3	15,000 *	59.5	169.9	15,000 *													50
55	47.3	161.9	13,200 *	54.1	166.5	15,000 *	64.1	171.1	15,000 *										55
60	40.7	156.5	11,500 *	48.2	162.2	13,500 *	59.0	168.2	15,000 *										60
65	33.0	149.6	10,200 *	41.7	157.0	11,800 *	53.5	164.7	15,000 *										65
70	23.0	139.6	9,100 *	34.2	150.3	10,400 *	47.6	160.4	13,400 *	58.3	165.7	15,000 *							70
75				24.7	141.0	9,200 *	41.0	155.1	11,600 *	52.8	162.1	15,000 *							75
80				6.7	121.7	8,300 *	33.4	148.2	10,300 *	46.8	157.7	13,100 *	57.4	162.1	15,000 *				80
85							23.6	138.5	9,200 *	40.1	152.1	11,500 *	51.8	158.4	14,900 *				85
90										32.3	145.0	10,100 *	45.7	153.8	12,800 *				90
95										22.0	134.7	9,000 *	38.8	148.1	11,200 *	50.4	153.7	14,300 *	95
100													30.7	140.5	9,900 *	44.2	148.9	12,400 *	100
105													19.7	129.3	8,900 *	37.1	142.8	10,900 *	105
110																28.5	134.6	9,700 *	110
115																16.0	121.6	8,700 *	115

Liftcrane Luffing Jib Intermediate Fall 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

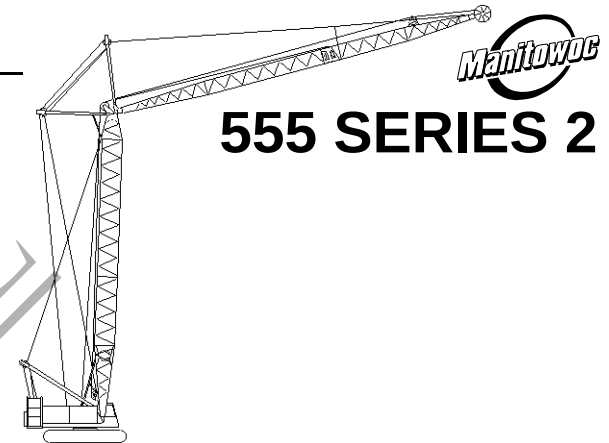
110 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.6	176.8	15,000 *															30	
35	68.8	175.0	15,000 *															35	
40	63.9	172.7	15,000 *	69.6	174.9	15,000 *												40	
45	58.7	169.8	15,000 *	64.6	172.7	15,000 *												45	
50	53.2	166.3	15,000 *	59.5	169.9	15,000 *												50	
55	47.3	161.9	13,900 *	54.1	166.5	15,000 *	64.1	171.1	15,000 *									55	
60	40.7	156.5	11,900 *	48.2	162.2	14,300 *	59.0	168.2	15,000 *									60	
65	33.0	149.6	10,300 *	41.7	157.0	12,200 *	53.5	164.7	15,000 *									65	
70	23.0	139.6	8,900 *	34.2	150.3	10,600 *	47.6	160.4	14,200 *	58.3	165.7	15,000 *						70	
75				24.7	141.0	9,100 *	41.0	155.1	12,200 *	52.8	162.1	15,000 *						75	
80				6.7	121.7	7,700 *	33.4	148.2	10,500 *	46.8	157.7	14,000 *	57.4	162.1	15,000 *			80	
85							23.6	138.5	9,100 *	40.1	152.1	12,000 *	51.8	158.4	15,000 *			85	
90										32.3	145.0	10,400 *	45.7	153.8	13,700 *			90	
95										22.0	134.7	9,000 *	38.8	148.1	11,800 *	50.4	153.7	15,000 *	95
100													30.7	140.5	10,200 *	44.2	148.9	13,300 *	100
105													19.7	129.3	8,900 *	37.1	142.8	11,500 *	105
110																28.5	134.6	9,900 *	110
115																16.0	121.6	8,600 *	115

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.6	176.8	15,000 *																30
35	68.8	175.0	15,000 *																35
40	63.9	172.7	15,000 *	69.6	174.9	15,000 *													40
45	58.7	169.8	15,000 *	64.6	172.7	15,000 *													45
50	53.2	166.3	14,900 *	59.5	169.9	15,000 *													50
55	47.3	161.9	12,600 *	54.1	166.5	15,000 *	64.1	171.1	15,000 *										55
60	40.7	156.5	10,700 *	48.2	162.2	12,900 *	59.0	168.2	15,000 *										60
65	33.0	149.6	9,200 *	41.7	157.0	11,000 *	53.5	164.7	15,000 *										65
70	23.0	139.6	8,000 *	34.2	150.3	9,500 *	47.6	160.4	12,800 *	58.3	165.7	15,000 *							70
75				24.7	141.0	8,200 *	41.0	155.1	10,900 *	52.8	162.1	14,900 *							75
80				6.7	121.7	6,900 *	33.4	148.2	9,400 *	46.8	157.7	12,600 *	57.4	162.1	15,000 *				80
85							23.6	138.5	8,100 *	40.1	152.1	10,800 *	51.8	158.4	14,500 *				85
90										32.3	145.0	9,300 *	45.7	153.8	12,300 *				90
95										22.0	134.7	8,100 *	38.8	148.1	10,600 *	50.4	153.7	14,000 *	95
100													30.7	140.5	9,200 *	44.2	148.9	12,000 *	100
105													19.7	129.3	7,900 *	37.1	142.8	10,300 *	105
110																28.5	134.6	8,900 *	110
115																16.0	121.6	7,700 *	115

Liftcrane Luffing Jib Intermediate Fall 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

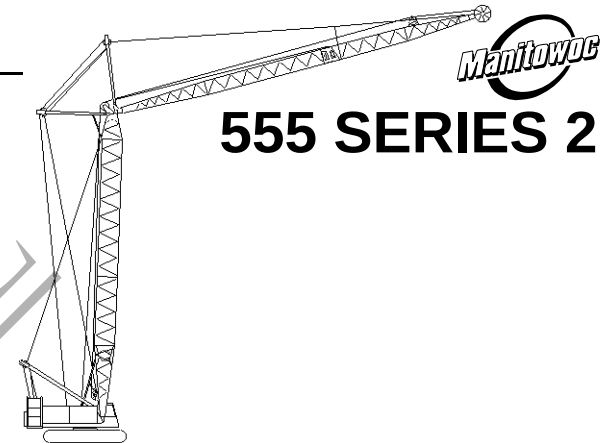
110 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.6	176.8	15,000 *															30	
35	68.8	175.0	15,000 *															35	
40	63.9	172.7	15,000 *	69.6	174.9	15,000 *												40	
45	58.7	169.8	15,000 *	64.6	172.7	15,000 *												45	
50	53.2	166.3	13,200 *	59.5	169.9	15,000 *												50	
55	47.3	161.9	11,000 *	54.1	166.5	13,600 *	64.1	171.1	15,000 *									55	
60	40.7	156.5	9,400 *	48.2	162.2	11,400 *	59.0	168.2	15,000 *									60	
65	33.0	149.6	8,000 *	41.7	157.0	9,600 *	53.5	164.7	13,400 *									65	
70	23.0	139.6	6,800 *	34.2	150.3	8,200 *	47.6	160.4	11,300 *	58.3	165.7	15,000 *						70	
75				24.7	141.0	7,000 *	41.0	155.1	9,600 *	52.8	162.1	13,200 *						75	
80				6.7	121.7	5,900 *	33.4	148.2	8,200 *	46.8	157.7	11,100 *	57.4	162.1	15,000 *			80	
85							23.6	138.5	7,000 *	40.1	152.1	9,400 *	51.8	158.4	12,900 *			85	
90										32.3	145.0	8,100 *	45.7	153.8	10,800 *			90	
95										22.0	134.7	6,900 *	38.8	148.1	9,200 *	50.4	153.7	95	
100													30.7	140.5	7,900 *	44.2	148.9	100	
105													19.7	129.3	6,800 *	37.1	142.8	105	
110																28.5	134.6	110	
115																16.0	121.6	115	

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.6	176.8	15,000 *										30
35	68.8	175.0	15,000 *										35
40	63.9	172.7	15,000 *	69.6	174.9	15,000 *							40
45	58.7	169.8	15,000 *	64.6	172.7	15,000 *							45
50	53.2	166.3	12,700 *	59.5	169.9	15,000 *							50
55	47.3	161.9	10,600 *	54.1	166.5	13,100 *	64.1	171.1	15,000 *				55
60	40.7	156.5	9,000 *	48.2	162.2	10,900 *	59.0	168.2	15,000 *				60
65	33.0	149.6	7,700 *	41.7	157.0	9,300 *	53.5	164.7	12,900 *				65
70	23.0	139.6	6,600 *	34.2	150.3	7,900 *	47.6	160.4	10,800 *	58.3	165.7	15,000 *	70
75				24.7	141.0	6,800 *	41.0	155.1	9,200 *	52.8	162.1	12,700 *	75
80				6.7	121.7	5,700 *	33.4	148.2	7,900 *	46.8	157.7	10,700 *	80
85							23.6	138.5	6,800 *	40.1	152.1	9,000	85
90										32.3	145.0	6,700	90
95										22.0	134.7	4,500	95

Liftcrane Luffing Jib Intermediate Fall 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



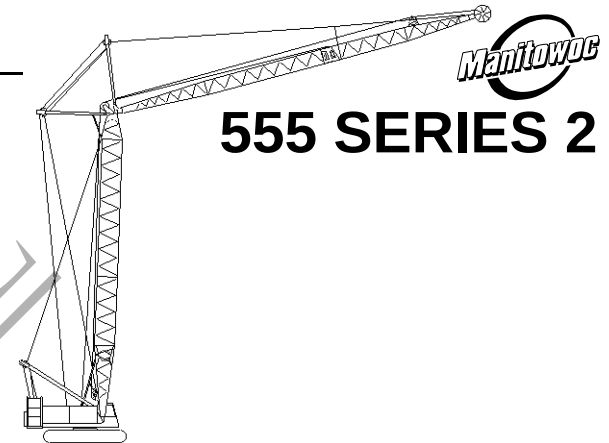
110 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.6	176.8	15,000 *										30
35	68.8	175.0	15,000 *										35
40	63.9	172.7	15,000 *	69.6	174.9	15,000 *							40
45	58.7	169.8	15,000 *	64.6	172.7	15,000 *							45
50	53.2	166.3	12,700 *	59.5	169.9	15,000 *							50
55	47.3	161.9	10,700 *	54.1	166.5	13,100 *	64.1	171.1	15,000 *				55
60	40.7	156.5	9,200 *	48.2	162.2	11,000 *	59.0	168.2	15,000 *				60
65	33.0	149.6	7,900 *	41.7	157.0	9,400 *	53.5	164.7	12,900 *				65
70	23.0	139.6	6,800 *	34.2	150.3	8,100 *	47.6	160.4	10,900 *	58.3	165.7	15,000 *	70
75				24.7	141.0	7,000 *	41.0	155.1	9,300 *	52.8	162.1	12,700 *	75
80				6.7	121.7	6,000 *	33.4	148.2	8,100 *	46.8	157.7	9,600	80
85							23.6	138.5	7,000 *	40.1	152.1	6,900	85
90										32.3	145.0	4,500	90

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.9	186.9	15,000 *																30
35	69.2	185.2	15,000 *																35
40	64.2	182.9	15,000 *	70.4	185.2	15,000 *													40
45	59.1	180.0	15,000 *	65.5	183.1	15,000 *													45
50	53.6	176.6	15,000 *	60.4	180.4	15,000 *													50
55	47.7	172.3	13,400 *	55.0	177.1	15,000 *	65.9	181.8	15,000 *										55
60	41.2	166.9	11,600 *	49.3	173.0	13,900 *	60.8	179.1	15,000 *										60
65	33.5	160.1	10,300 *	42.9	168.0	12,100 *	55.4	175.9	15,000 *										65
70	23.8	150.5	9,200 *	35.6	161.6	10,600 *	49.7	171.9	14,100 *	61.0	176.9	15,000 *							70
75				26.6	152.9	9,400 *	43.4	166.9	12,200 *	55.7	173.7	15,000 *							75
80				12.2	137.6	8,500 *	36.2	160.7	10,700 *	49.9	169.7	14,200 *							80
85							27.4	152.2	9,500 *	43.7	164.8	12,300 *	55.6	170.4	15,000 *				85
90							13.8	138.0	8,600 *	36.5	158.6	10,800 *	49.9	166.5	14,200 *				90
95										27.8	150.3	9,600 *	43.6	161.6	12,300 *				95
100										14.6	136.5	8,600 *	36.5	155.3	10,800 *	49.5	162.1	14,100 *	100
105													27.7	147.0	9,600 *	43.1	157.1	12,200 *	105
110													14.5	133.1	8,600 *	35.9	150.7	10,700 *	110
115																27.0	142.1	9,600 *	115
120																13.0	127.4	8,600 *	120

Liftcrane Luffing Jib Intermediate Fall 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

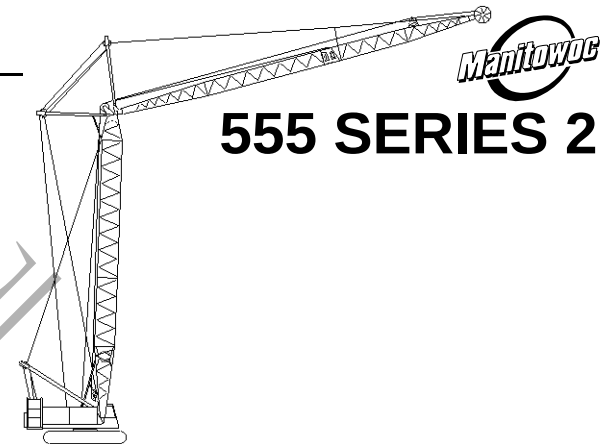
120 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.9	186.9	15,000 *															30	
35	69.2	185.2	15,000 *															35	
40	64.2	182.9	15,000 *	70.4	185.2	15,000 *												40	
45	59.1	180.0	15,000 *	65.5	183.1	15,000 *												45	
50	53.6	176.6	15,000 *	60.4	180.4	15,000 *												50	
55	47.7	172.3	14,100 *	55.0	177.1	15,000 *	65.9	181.8	15,000 *									55	
60	41.2	166.9	12,100 *	49.3	173.0	14,800 *	60.8	179.1	15,000 *									60	
65	33.5	160.1	10,400 *	42.9	168.0	12,600 *	55.4	175.9	15,000 *									65	
70	23.8	150.5	9,000 *	35.6	161.6	10,900 *	49.7	171.9	15,000 *	61.0	176.9	15,000 *						70	
75				26.6	152.9	9,400 *	43.4	166.9	12,900 *	55.7	173.7	15,000 *						75	
80				12.2	137.6	8,100 *	36.2	160.7	11,100 *	49.9	169.7	15,000 *						80	
85							27.4	152.2	9,600 *	43.7	164.8	13,000 *	55.6	170.4	15,000 *			85	
90							13.8	138.0	8,300 *	36.5	158.6	11,200 *	49.9	166.5	15,000 *			90	
95										27.8	150.3	9,700 *	43.6	161.6	13,100 *			95	
100										14.6	136.5	8,400 *	36.5	155.3	11,300 *	49.5	162.1	13,000	
105													27.7	147.0	9,800 *	43.1	157.1	11,500	
110													14.5	133.1	8,500 *	35.9	150.7	10,100	
115																27.0	142.1	8,800	
120																13.0	127.4	7,600	

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.9	186.9	15,000 *																30
35	69.2	185.2	15,000 *																35
40	64.2	182.9	15,000 *	70.4	185.2	15,000 *													40
45	59.1	180.0	15,000 *	65.5	183.1	15,000 *													45
50	53.6	176.6	15,000 *	60.4	180.4	15,000 *													50
55	47.7	172.3	12,700 *	55.0	177.1	15,000 *	65.9	181.8	15,000 *										55
60	41.2	166.9	10,900 *	49.3	173.0	13,400 *	60.8	179.1	15,000 *										60
65	33.5	160.1	9,300 *	42.9	168.0	11,400 *	55.4	175.9	15,000 *										65
70	23.8	150.5	8,100 *	35.6	161.6	9,800 *	49.7	171.9	13,600 *	61.0	176.9	15,000 *							70
75				26.6	152.9	8,400 *	43.4	166.9	11,600 *	55.7	173.7	15,000 *							75
80				12.2	137.6	7,200 *	36.2	160.7	10,000 *	49.9	169.7	13,800 *							80
85							27.4	152.2	8,600 *	43.7	164.8	11,800 *	55.6	170.4	15,000 *				85
90							13.8	138.0	7,400 *	36.5	158.6	10,100 *	49.9	166.5	13,900 *				90
95										27.8	150.3	8,700 *	43.6	161.6	11,800 *				95
100										14.6	136.5	7,500 *	36.5	155.3	10,200 *	49.5	162.1	12,000	100
105													27.7	147.0	8,800 *	43.1	157.1	10,500	105
110													14.5	133.1	7,600 *	35.9	150.7	9,000	110
115																27.0	142.1	7,700	115
120																13.0	127.4	6,500	120

Liftcrane Luffing Jib Intermediate Fall 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

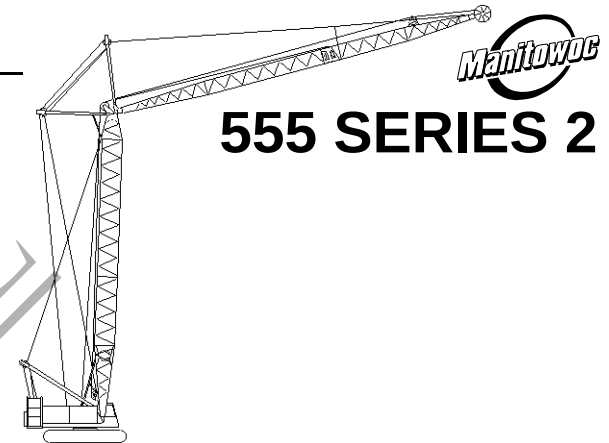
120 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.9	186.9	15,000 *										30
35	69.2	185.2	15,000 *										35
40	64.2	182.9	15,000 *	70.4	185.2	15,000 *							40
45	59.1	180.0	15,000 *	65.5	183.1	15,000 *							45
50	53.6	176.6	13,400 *	60.4	180.4	15,000 *							50
55	47.7	172.3	11,200 *	55.0	177.1	14,100 *	65.9	181.8	15,000 *				55
60	41.2	166.9	9,500 *	49.3	173.0	11,800 *	60.8	179.1	15,000 *				60
65	33.5	160.1	8,100 *	42.9	168.0	10,000 *	55.4	175.9	14,400 *				65
70	23.8	150.5	6,900 *	35.6	161.6	8,500 *	49.7	171.9	12,000 *	61.0	176.9	15,000 *	70
75				26.6	152.9	7,300 *	43.4	166.9	10,200 *	55.7	173.7	14,600 *	75
80				12.2	137.6	6,200 *	36.2	160.7	8,700 *	49.9	169.7	12,200 *	80
85							27.4	152.2	7,400 *	43.7	164.8	9,900	85
90							13.8	138.0	6,300 *	36.5	158.6	7,600	90
95										27.8	150.3	5,600	95

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.9	186.9	15,000 *										30
35	69.2	185.2	15,000 *										35
40	64.2	182.9	15,000 *	70.4	185.2	15,000 *							40
45	59.1	180.0	15,000 *	65.5	183.1	15,000 *							45
50	53.6	176.6	12,900 *	60.4	180.4	15,000 *							50
55	47.7	172.3	10,800 *	55.0	177.1	13,500 *	65.9	181.8	15,000 *				55
60	41.2	166.9	9,100 *	49.3	173.0	11,300 *	60.8	179.1	15,000 *				60
65	33.5	160.1	7,800 *	42.9	168.0	9,600 *	55.4	175.9	13,800 *				65
70	23.8	150.5	6,700 *	35.6	161.6	8,200 *	49.7	171.9	11,600 *	61.0	176.9	15,000 *	70
75				26.6	152.9	7,000 *	43.4	166.9	9,800 *	55.7	173.7	14,000 *	75
80				12.2	137.6	6,000 *	36.2	160.7	8,300 *	49.9	169.7	11,400	80
85							27.4	152.2	7,200 *	43.7	164.8	8,800	85
90							13.8	138.0	6,100 *	36.5	158.6	6,500	90
95										27.8	150.3	4,400	95

Liftcrane Luffing Jib Intermediate Fall 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



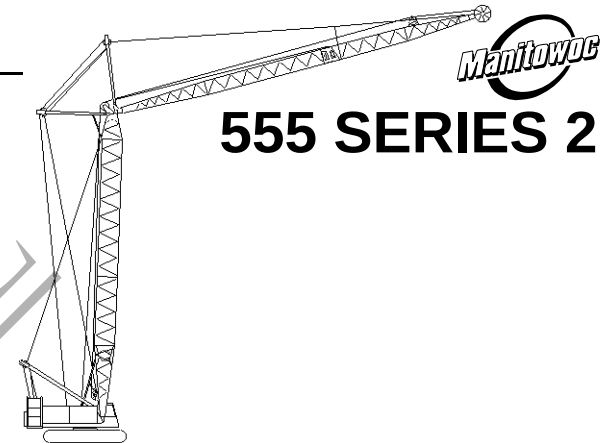
120 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	73.9	186.9	15,000 *										30
35	69.2	185.2	15,000 *										35
40	64.2	182.9	15,000 *	70.4	185.2	15,000 *							40
45	59.1	180.0	15,000 *	65.5	183.1	15,000 *							45
50	53.6	176.6	12,900 *	60.4	180.4	15,000 *							50
55	47.7	172.3	10,900 *	55.0	177.1	13,600 *	65.9	181.8	15,000 *				55
60	41.2	166.9	9,300 *	49.3	173.0	11,400 *	60.8	179.1	15,000 *				60
65	33.5	160.1	8,000 *	42.9	168.0	9,700 *	55.4	175.9	13,800 *				65
70	23.8	150.5	6,900 *	35.6	161.6	8,300 *	49.7	171.9	11,600 *	61.0	176.9	15,000 *	70
75				26.6	152.9	7,200 *	43.4	166.9	9,900 *	55.7	173.7	12,500	75
80				12.2	137.6	6,200 *	36.2	160.7	8,500 *	49.9	169.7	9,400	80
85							27.4	152.2	7,400 *	43.7	164.8	6,700	85
90							13.8	138.0	4,800	36.5	158.6	4,400	90

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	74.3	197.1	15,000 *																30
35	69.5	195.3	15,000 *																35
40	64.6	193.1	15,000 *	71.2	195.5	15,000 *													40
45	59.5	190.2	15,000 *	66.4	193.4	15,000 *													45
50	54.0	186.8	15,000 *	61.3	190.9	15,000 *													50
55	48.1	182.6	13,600 *	56.0	187.7	15,000 *	67.6	192.4	15,000 *										55
60	41.6	177.4	11,800 *	50.3	183.7	14,300 *	62.6	190.0	15,000 *										60
65	34.1	170.6	10,400 *	44.1	178.9	12,400 *	57.3	186.9	15,000 *										65
70	24.6	161.3	9,200 *	37.0	172.8	10,900 *	51.8	183.2	15,000 *										70
75	6.2	141.5	8,200 *	28.4	164.6	9,600 *	45.7	178.6	12,900 *	58.5	185.1	15,000 *							75
80				15.7	151.5	8,700 *	38.8	172.9	11,300 *	53.0	181.5	15,000 *							80
85							30.7	165.4	10,000 *	47.0	177.2	13,300 *							85
90							19.6	154.1	8,900 *	40.4	171.7	11,600 *	53.9	178.7	15,000 *				90
95										32.6	164.6	10,200 *	48.0	174.4	13,700 *				95
100										22.4	154.5	9,100 *	41.5	169.1	11,900 *				100
105													33.9	162.4	10,500 *	48.5	170.4	12,100	105
110													24.3	152.9	9,300 *	42.1	165.3	10,800	110
115													4.7	131.7	8,400 *	34.6	158.7	9,500	115
120																25.3	149.5	8,400	120
125																8.8	131.9	7,300	125

Liftcrane Luffing Jib Intermediate Fall 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

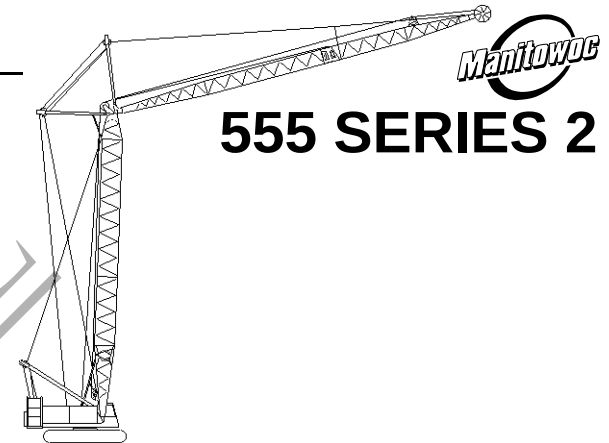
130 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.3	197.1	15,000 *															30	
35	69.5	195.3	15,000 *															35	
40	64.6	193.1	15,000 *	71.2	195.5	15,000 *												40	
45	59.5	190.2	15,000 *	66.4	193.4	15,000 *												45	
50	54.0	186.8	15,000 *	61.3	190.9	15,000 *												50	
55	48.1	182.6	14,300 *	56.0	187.7	15,000 *	67.6	192.4	15,000 *									55	
60	41.6	177.4	12,200 *	50.3	183.7	15,000 *	62.6	190.0	15,000 *									60	
65	34.1	170.6	10,500 *	44.1	178.9	13,000 *	57.3	186.9	15,000 *									65	
70	24.6	161.3	9,100 *	37.0	172.8	11,200 *	51.8	183.2	15,000 *									70	
75	6.2	141.5	7,700 *	28.4	164.6	9,700 *	45.7	178.6	13,600 *	58.5	185.1	15,000 *						75	
80				15.7	151.5	8,300 *	38.8	172.9	11,700 *	53.0	181.5	15,000 *						80	
85							30.7	165.4	10,100 *	47.0	177.2	14,200 *						85	
90							19.6	154.1	8,800 *	40.4	171.7	12,200 *	53.9	178.7	15,000 *			90	
95										32.6	164.6	10,500 *	48.0	174.4	14,700 *			95	
100										22.4	154.5	9,100 *	41.5	169.1	12,600 *			100	
105													33.9	162.4	10,900 *	48.5	170.4	10,900	
110													24.3	152.9	9,400 *	42.1	165.3	9,500	
115													4.7	131.7	8,100 *	34.6	158.7	8,300	
120																25.3	149.5	7,100	
125																8.8	131.9	6,000	

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.3	197.1	15,000 *										30
35	69.5	195.3	15,000 *										35
40	64.6	193.1	15,000 *	71.2	195.5	15,000 *							40
45	59.5	190.2	15,000 *	66.4	193.4	15,000 *							45
50	54.0	186.8	15,000 *	61.3	190.9	15,000 *							50
55	48.1	182.6	12,900 *	56.0	187.7	15,000 *	67.6	192.4	15,000 *				55
60	41.6	177.4	11,000 *	50.3	183.7	13,800 *	62.6	190.0	15,000 *				60
65	34.1	170.6	9,500 *	44.1	178.9	11,700 *	57.3	186.9	15,000 *				65
70	24.6	161.3	8,200 *	37.0	172.8	10,100 *	51.8	183.2	14,500 *				70
75	6.2	141.5	6,900 *	28.4	164.6	8,700 *	45.7	178.6	12,300 *	58.5	185.1	15,000 *	75
80				15.7	151.5	7,500 *	38.8	172.9	10,500 *	53.0	181.5	13,800	80
85							30.7	165.4	9,100 *	47.0	177.2	11,400	85
90							19.6	154.1	7,900 *	40.4	171.7	9,200	90
95										32.6	164.6	7,200	95
100										22.4	154.5	5,400	100

Liftcrane Luffing Jib Intermediate Fall 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

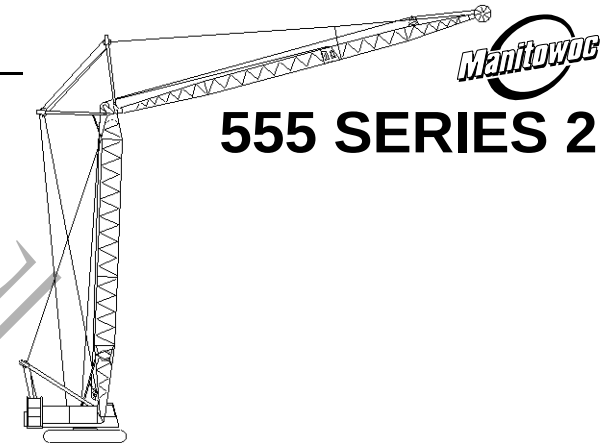
130 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.3	197.1	15,000 *										30
35	69.5	195.3	15,000 *										35
40	64.6	193.1	15,000 *	71.2	195.5	15,000 *							40
45	59.5	190.2	15,000 *	66.4	193.4	15,000 *							45
50	54.0	186.8	13,600 *	61.3	190.9	15,000 *							50
55	48.1	182.6	11,400 *	56.0	187.7	14,600 *	67.6	192.4	15,000 *				55
60	41.6	177.4	9,600 *	50.3	183.7	12,200 *	62.6	190.0	15,000 *				60
65	34.1	170.6	8,200 *	44.1	178.9	10,300 *	57.3	186.9	15,000 *				65
70	24.6	161.3	7,000 *	37.0	172.8	8,700 *	51.8	183.2	12,900 *				70
75	6.2	141.5	5,900 *	28.4	164.6	7,500 *	45.7	178.6	10,800 *	58.5	185.1	14,900	75
80				15.7	151.5	6,400 *	38.8	172.9	9,200 *	53.0	181.5	12,000	80
85							30.7	165.4	7,900 *	47.0	177.2	9,500	85
90							19.6	154.1	6,700 *	40.4	171.7	7,200	90
95										32.6	164.6	5,200	95

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.3	197.1	15,000 *										30
35	69.5	195.3	15,000 *										35
40	64.6	193.1	15,000 *	71.2	195.5	15,000 *							40
45	59.5	190.2	15,000 *	66.4	193.4	15,000 *							45
50	54.0	186.8	13,100 *	61.3	190.9	15,000 *							50
55	48.1	182.6	11,000 *	56.0	187.7	14,100 *	67.6	192.4	15,000 *				55
60	41.6	177.4	9,300 *	50.3	183.7	11,700 *	62.6	190.0	15,000 *				60
65	34.1	170.6	7,900 *	44.1	178.9	9,900 *	57.3	186.9	14,900 *				65
70	24.6	161.3	6,800 *	37.0	172.8	8,400 *	51.8	183.2	12,300 *				70
75	6.2	141.5	5,800 *	28.4	164.6	7,200 *	45.7	178.6	10,400 *	58.5	185.1	13,900	75
80				15.7	151.5	6,200 *	38.8	172.9	8,900 *	53.0	181.5	11,000	80
85							30.7	165.4	7,600 *	47.0	177.2	8,400	85
90							19.6	154.1	6,500 *	40.4	171.7	6,100	90
95										32.6	164.6	4,000	95

Liftcrane Luffing Jib Intermediate Fall 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



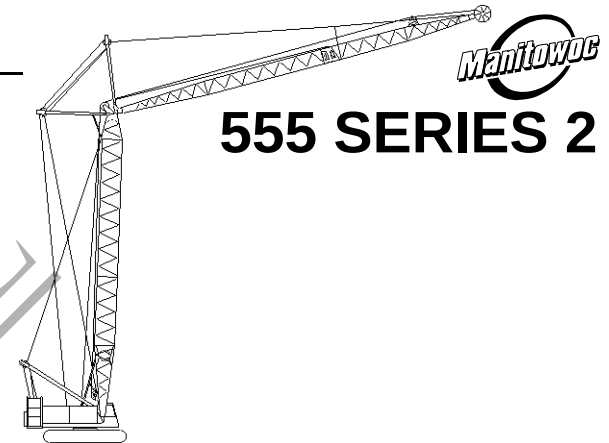
130 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.3	197.1	15,000 *							30
35	69.5	195.3	15,000 *							35
40	64.6	193.1	15,000 *	71.2	195.5	15,000 *				40
45	59.5	190.2	15,000 *	66.4	193.4	15,000 *				45
50	54.0	186.8	13,100 *	61.3	190.9	15,000 *				50
55	48.1	182.6	11,000 *	56.0	187.7	14,100 *	67.6	192.4	15,000 *	55
60	41.6	177.4	9,400 *	50.3	183.7	11,800 *	62.6	190.0	15,000 *	60
65	34.1	170.6	8,100 *	44.1	178.9	10,000 *	57.3	186.9	14,800 *	65
70	24.6	161.3	7,000 *	37.0	172.8	8,600 *	51.8	183.2	12,400 *	70
75	6.2	141.5	6,000 *	28.4	164.6	7,400 *	45.7	178.6	10,500 *	75
80				15.7	151.5	6,400 *	38.8	172.9	9,000 *	80
85							30.7	165.4	7,200	85
90							19.6	154.1	4,700	90

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall 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			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	74.6	207.1	15,000 *																30
35	69.8	205.4	15,000 *																35
40	64.9	203.2	15,000 *	72.1	205.8	15,000 *													40
45	59.8	200.5	15,000 *	67.2	203.8	15,000 *													45
50	54.4	197.1	15,000 *	62.2	201.3	15,000 *													50
55	48.6	192.9	13,700 *	57.0	198.2	15,000 *													55
60	42.1	187.8	11,900 *	51.3	194.4	14,800 *	64.4	200.7	15,000 *										60
65	34.7	181.2	10,500 *	45.2	189.8	12,800 *	59.2	197.9	15,000 *										65
70	25.4	172.1	9,300 *	38.3	183.9	11,200 *	53.7	194.4	15,000 *										70
75	9.0	154.6	8,400 *	30.0	176.2	9,900 *	47.8	190.2	13,600 *	61.2	196.4	15,000 *							75
80				18.6	164.5	8,800 *	41.3	184.9	11,800 *	55.9	193.1	15,000 *							80
85							33.7	178.1	10,400 *	50.2	189.2	14,500 *							85
90							24.1	168.6	9,300 *	43.9	184.3	12,500 *	57.6	190.5	15,000 *				90
95										36.8	178.2	11,000 *	52.1	186.8	15,000 *				95
100										28.1	169.9	9,700 *	46.0	182.3	13,100 *				100
105										15.3	156.6	8,700 *	39.2	176.6	11,500 *				105
110													31.2	169.2	10,100 *	47.6	178.8	10,100	110
115													20.4	158.2	9,100 *	41.0	173.4	9,000	115
120																33.4	166.5	7,900	120
125																23.6	156.8	6,900	125

Liftcrane Luffing Jib Intermediate Fall 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

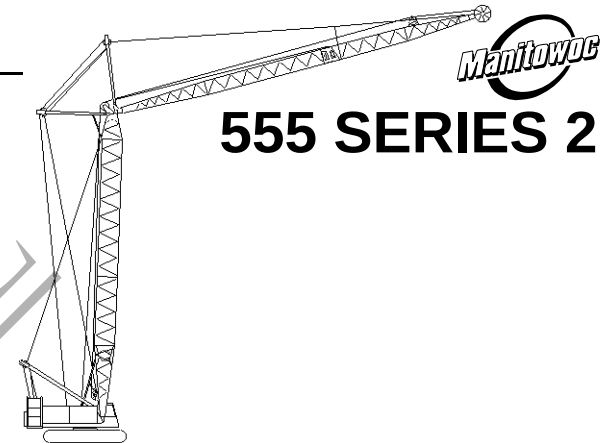
140 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.6	207.1	15,000 *										30
35	69.8	205.4	15,000 *										35
40	64.9	203.2	15,000 *	72.1	205.8	15,000 *							40
45	59.8	200.5	15,000 *	67.2	203.8	15,000 *							45
50	54.4	197.1	15,000 *	62.2	201.3	15,000 *							50
55	48.6	192.9	14,500 *	57.0	198.2	15,000 *							55
60	42.1	187.8	12,400 *	51.3	194.4	15,000 *	64.4	200.7	15,000 *				60
65	34.7	181.2	10,700 *	45.2	189.8	13,400 *	59.2	197.9	15,000 *				65
70	25.4	172.1	9,200 *	38.3	183.9	11,500 *	53.7	194.4	15,000 *				70
75	9.0	154.6	7,900 *	30.0	176.2	9,900 *	47.8	190.2	14,500 *	61.2	196.4	15,000 *	75
80				18.6	164.5	8,600 *	41.3	184.9	12,400 *	55.9	193.1	14,600	80
85							33.7	178.1	10,700 *	50.2	189.2	12,200	85
90							24.1	168.6	9,300 *	43.9	184.3	10,100	90
95										36.8	178.2	8,200	95
100										28.1	169.9	6,500	100
105										15.3	156.6	4,900	105

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.6	207.1	15,000 *										30
35	69.8	205.4	15,000 *										35
40	64.9	203.2	15,000 *	72.1	205.8	15,000 *							40
45	59.8	200.5	15,000 *	67.2	203.8	15,000 *							45
50	54.4	197.1	15,000 *	62.2	201.3	15,000 *							50
55	48.6	192.9	13,100 *	57.0	198.2	15,000 *							55
60	42.1	187.8	11,200 *	51.3	194.4	14,300 *	64.4	200.7	15,000 *				60
65	34.7	181.2	9,600 *	45.2	189.8	12,100 *	59.2	197.9	15,000 *				65
70	25.4	172.1	8,300 *	38.3	183.9	10,400 *	53.7	194.4	15,000 *				70
75	9.0	154.6	7,100 *	30.0	176.2	8,900 *	47.8	190.2	13,100 *	61.2	196.4	15,000 *	75
80				18.6	164.5	7,700 *	41.3	184.9	11,200 *	55.9	193.1	13,200	80
85							33.7	178.1	9,600 *	50.2	189.2	10,800	85
90							24.1	168.6	8,300 *	43.9	184.3	8,700	90
95										36.8	178.2	6,700	95
100										28.1	169.9	5,000	100

Liftcrane Luffing Jib Intermediate Fall 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

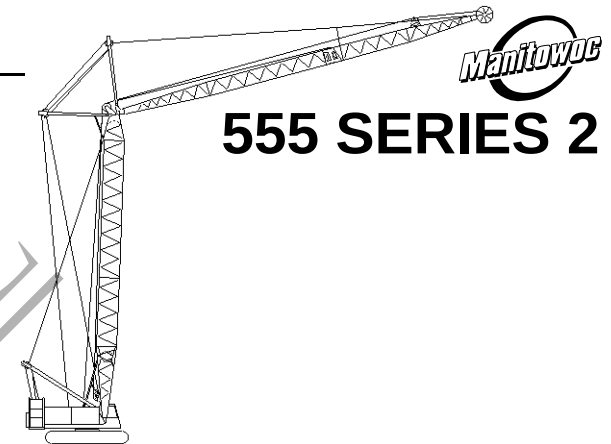
140 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.6	207.1	15,000 *										30
35	69.8	205.4	15,000 *										35
40	64.9	203.2	15,000 *	72.1	205.8	15,000 *							40
45	59.8	200.5	15,000 *	67.2	203.8	15,000 *							45
50	54.4	197.1	13,900 *	62.2	201.3	15,000 *							50
55	48.6	192.9	11,600 *	57.0	198.2	15,000 *							55
60	42.1	187.8	9,800 *	51.3	194.4	12,600 *	64.4	200.7	15,000 *				60
65	34.7	181.2	8,300 *	45.2	189.8	10,600 *	59.2	197.9	15,000 *				65
70	25.4	172.1	7,100 *	38.3	183.9	9,000 *	53.7	194.4	13,800 *				70
75	9.0	154.6	6,100 *	30.0	176.2	7,700 *	47.8	190.2	11,500 *	61.2	196.4	14,300	75
80				18.6	164.5	6,600 *	41.3	184.9	9,800 *	55.9	193.1	11,500	80
85							33.7	178.1	8,300 *	50.2	189.2	9,000	85
90							24.1	168.6	7,100 *	43.9	184.3	6,800	90
95										36.8	178.2	4,800	95

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.6	207.1	15,000 *							30
35	69.8	205.4	15,000 *							35
40	64.9	203.2	15,000 *	72.1	205.8	15,000 *				40
45	59.8	200.5	15,000 *	67.2	203.8	15,000 *				45
50	54.4	197.1	13,300 *	62.2	201.3	15,000 *				50
55	48.6	192.9	11,100 *	57.0	198.2	14,600 *				55
60	42.1	187.8	9,400 *	51.3	194.4	12,200 *	64.4	200.7	15,000 *	60
65	34.7	181.2	8,000 *	45.2	189.8	10,200 *	59.2	197.9	15,000 *	65
70	25.4	172.1	6,900 *	38.3	183.9	8,700 *	53.7	194.4	13,200 *	70
75	9.0	154.6	5,900 *	30.0	176.2	7,500 *	47.8	190.2	11,100 *	75
80				18.6	164.5	6,400 *	41.3	184.9	9,400 *	80
85							33.7	178.1	8,000 *	85
90							24.1	168.6	6,800	90

140 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.6	207.1	15,000 *							30
35	69.8	205.4	15,000 *							35
40	64.9	203.2	15,000 *	72.1	205.8	15,000 *				40
45	59.8	200.5	15,000 *	67.2	203.8	15,000 *				45
50	54.4	197.1	13,300 *	62.2	201.3	15,000 *				50
55	48.6	192.9	11,200 *	57.0	198.2	14,600 *				55
60	42.1	187.8	9,600 *	51.3	194.4	12,200 *	64.4	200.7	15,000 *	60
65	34.7	181.2	8,200 *	45.2	189.8	10,300 *	59.2	197.9	15,000 *	65
70	25.4	172.1	7,100 *	38.3	183.9	8,900 *	53.7	194.4	13,300 *	70
75	9.0	154.6	6,100 *	30.0	176.2	7,600 *	47.8	190.2	11,200 *	75
80				18.6	164.5	6,600 *	41.3	184.9	9,500 *	80
85							33.7	178.1	7,000	85
90							24.1	168.6	4,600	90

Liftcrane Luffing Jib Intermediate Fall 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

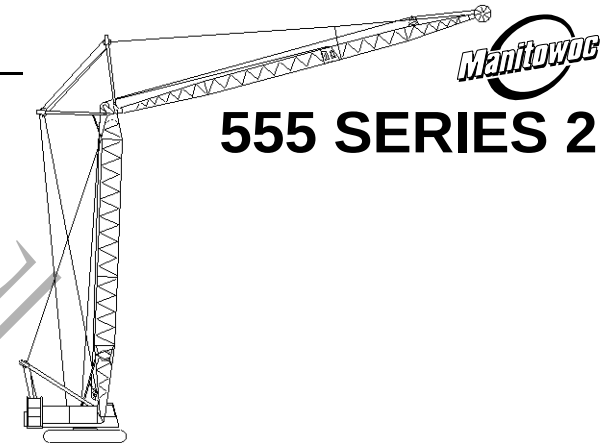
150 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.9	217.2	15,000 *										30
35	70.2	215.6	15,000 *										35
40	65.3	213.4	15,000 *	72.9	216.0	15,000 *							40
45	60.2	210.7	15,000 *	68.1	214.1	15,000 *							45
50	54.8	207.3	15,000 *	63.1	211.7	15,000 *							50
55	49.0	203.2	13,900 *	57.9	208.8	15,000 *							55
60	42.6	198.1	12,100 *	52.3	205.1	15,000 *	66.1	211.4	15,000 *				60
65	35.3	191.7	10,600 *	46.3	200.6	13,100 *	61.0	208.8	15,000 *				65
70	26.1	182.8	9,400 *	39.6	195.0	11,500 *	55.7	205.6	15,000 *				70
75	11.1	166.9	8,500 *	31.6	187.7	10,100 *	50.0	201.6	14,400 *				75
80				21.0	177.0	9,000 *	43.7	196.7	12,500 *	58.7	204.5	15,000 *	80
85							36.5	190.5	10,900 *	53.2	201.0	13,200	85
90							27.8	182.2	9,700 *	47.2	196.6	11,200	90
95							14.6	168.4	8,700 *	40.6	191.2	9,400	95
100										32.9	184.2	7,800	100
105										22.9	174.2	6,300	105

Liftcrane Luffing Jib Intermediate Fall 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, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.9	217.2	15,000 *										30
35	70.2	215.6	15,000 *										35
40	65.3	213.4	15,000 *	72.9	216.0	15,000 *							40
45	60.2	210.7	15,000 *	68.1	214.1	15,000 *							45
50	54.8	207.3	15,000 *	63.1	211.7	15,000 *							50
55	49.0	203.2	14,700 *	57.9	208.8	15,000 *							55
60	42.6	198.1	12,600 *	52.3	205.1	15,000 *	66.1	211.4	15,000 *				60
65	35.3	191.7	10,800 *	46.3	200.6	13,900 *	61.0	208.8	15,000 *				65
70	26.1	182.8	9,400 *	39.6	195.0	11,900 *	55.7	205.6	15,000 *				70
75	11.1	166.9	8,100 *	31.6	187.7	10,200 *	50.0	201.6	15,000 *				75
80				21.0	177.0	8,900 *	43.7	196.7	13,200 *	58.7	204.5	13,800	80
85							36.5	190.5	11,300 *	53.2	201.0	11,500	85
90							27.8	182.2	9,800 *	47.2	196.6	9,500	90
95							14.6	168.4	8,500 *	40.6	191.2	7,700	95
100										32.9	184.2	6,000	100
105										22.9	174.2	4,500	105

Liftcrane Luffing Jib Intermediate Fall 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

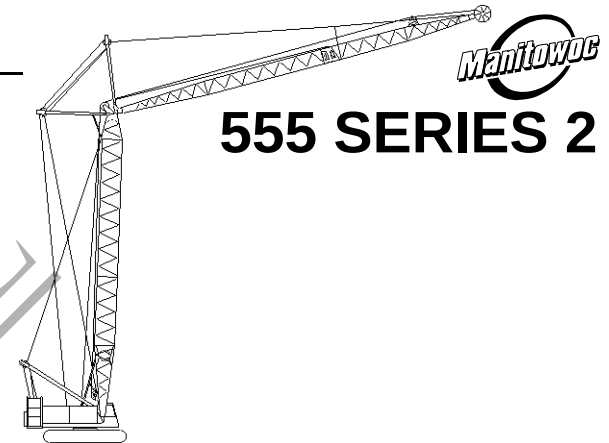
150 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.9	217.2	15,000 *										30
35	70.2	215.6	15,000 *										35
40	65.3	213.4	15,000 *	72.9	216.0	15,000 *							40
45	60.2	210.7	15,000 *	68.1	214.1	15,000 *							45
50	54.8	207.3	15,000 *	63.1	211.7	15,000 *							50
55	49.0	203.2	13,300 *	57.9	208.8	15,000 *							55
60	42.6	198.1	11,300 *	52.3	205.1	14,800 *	66.1	211.4	15,000 *				60
65	35.3	191.7	9,700 *	46.3	200.6	12,500 *	61.0	208.8	15,000 *				65
70	26.1	182.8	8,400 *	39.6	195.0	10,700 *	55.7	205.6	15,000 *				70
75	11.1	166.9	7,200 *	31.6	187.7	9,200 *	50.0	201.6	14,000 *				75
80				21.0	177.0	7,900 *	43.7	196.7	11,900 *	58.7	204.5	12,600	80
85							36.5	190.5	10,200 *	53.2	201.0	10,200	85
90							27.8	182.2	8,800 *	47.2	196.6	8,100	90
95							14.6	168.4	7,600 *	40.6	191.2	6,200	95
100										32.9	184.2	4,500	100

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.9	217.2	15,000 *							30
35	70.2	215.6	15,000 *							35
40	65.3	213.4	15,000 *	72.9	216.0	15,000 *				40
45	60.2	210.7	15,000 *	68.1	214.1	15,000 *				45
50	54.8	207.3	14,100 *	63.1	211.7	15,000 *				50
55	49.0	203.2	11,800 *	57.9	208.8	15,000 *				55
60	42.6	198.1	9,900 *	52.3	205.1	13,100 *	66.1	211.4	15,000 *	60
65	35.3	191.7	8,500 *	46.3	200.6	11,000 *	61.0	208.8	15,000 *	65
70	26.1	182.8	7,200 *	39.6	195.0	9,300 *	55.7	205.6	14,800 *	70
75	11.1	166.9	6,200 *	31.6	187.7	8,000 *	50.0	201.6	12,400 *	75
80				21.0	177.0	6,800 *	43.7	196.7	10,400 *	80
85							36.5	190.5	8,900 *	85
90							27.8	182.2	7,600 *	90
95							14.6	168.4	5,700	95

150 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.9	217.2	15,000 *							30
35	70.2	215.6	15,000 *							35
40	65.3	213.4	15,000 *	72.9	216.0	15,000 *				40
45	60.2	210.7	15,000 *	68.1	214.1	15,000 *				45
50	54.8	207.3	13,500 *	63.1	211.7	15,000 *				50
55	49.0	203.2	11,300 *	57.9	208.8	15,000 *				55
60	42.6	198.1	9,600 *	52.3	205.1	12,600 *	66.1	211.4	15,000 *	60
65	35.3	191.7	8,200 *	46.3	200.6	10,600 *	61.0	208.8	15,000 *	65
70	26.1	182.8	7,000 *	39.6	195.0	9,000 *	55.7	205.6	14,200 *	70
75	11.1	166.9	6,000 *	31.6	187.7	7,700 *	50.0	201.6	11,900 *	75
80				21.0	177.0	6,600 *	43.7	196.7	10,000 *	80
85							36.5	190.5	8,500 *	85
90							27.8	182.2	6,600	90
95							14.6	168.4	4,400	95

Liftcrane Luffing Jib Intermediate Fall 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

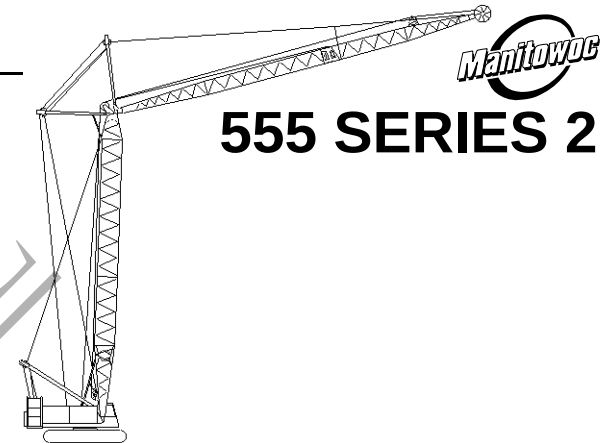
150 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	74.9	217.2	15,000 *							30
35	70.2	215.6	15,000 *							35
40	65.3	213.4	15,000 *	72.9	216.0	15,000 *				40
45	60.2	210.7	15,000 *	68.1	214.1	15,000 *				45
50	54.8	207.3	13,600 *	63.1	211.7	15,000 *				50
55	49.0	203.2	11,400 *	57.9	208.8	15,000 *				55
60	42.6	198.1	9,700 *	52.3	205.1	12,700 *	66.1	211.4	15,000 *	60
65	35.3	191.7	8,300 *	46.3	200.6	10,700 *	61.0	208.8	15,000 *	65
70	26.1	182.8	7,200 *	39.6	195.0	9,100 *	55.7	205.6	14,300 *	70
75	11.1	166.9	6,200 *	31.6	187.7	7,900 *	50.0	201.6	11,900 *	75
80				21.0	177.0	6,800 *	43.7	196.7	9,500	80
85							36.5	190.5	6,800	85
90							27.8	182.2	4,400	90

Liftcrane Luffing Jib Intermediate Fall 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, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.2	227.3	15,000 *										30
35	70.5	225.7	15,000 *										35
40	65.6	223.5	15,000 *										40
45	60.6	220.9	15,000 *	68.9	224.5	15,000 *							45
50	55.2	217.6	15,000 *	64.0	222.2	15,000 *							50
55	49.4	213.5	14,100 *	58.8	219.3	15,000 *							55
60	43.1	208.5	12,200 *	53.3	215.8	15,000 *	67.8	222.1	15,000 *				60
65	35.8	202.2	10,700 *	47.4	211.5	13,500 *	62.8	219.6	15,000 *				65
70	26.9	193.6	9,500 *	40.8	206.1	11,800 *	57.6	216.6	15,000 *				70
75	12.8	178.7	8,600 *	33.1	199.1	10,400 *	52.0	212.9	15,000 *				75
80				23.2	189.3	9,200 *	45.9	208.4	13,200 *	61.4	215.8	14,700	80
85							39.1	202.7	11,500 *	56.1	212.6	12,500	85
90							31.1	195.3	10,200 *	50.4	208.7	10,600	90
95							20.2	184.2	9,100 *	44.1	203.9	8,800	95
100										37.1	197.7	7,300	100
105										28.5	189.6	5,900	105
110										15.9	176.6	4,500	110

Liftcrane Luffing Jib Intermediate Fall 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

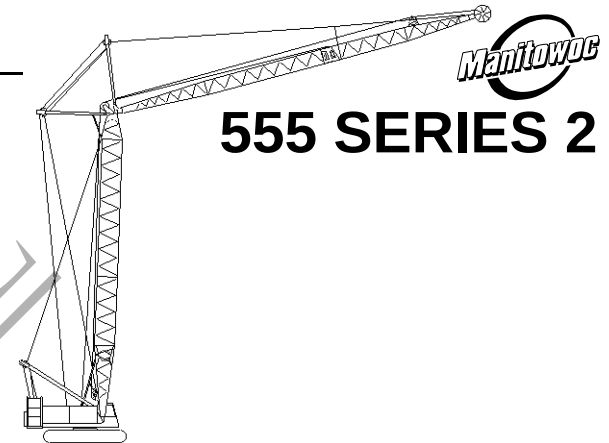
160 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.2	227.3	15,000 *										30
35	70.5	225.7	15,000 *										35
40	65.6	223.5	15,000 *										40
45	60.6	220.9	15,000 *	68.9	224.5	15,000 *							45
50	55.2	217.6	15,000 *	64.0	222.2	15,000 *							50
55	49.4	213.5	14,800 *	58.8	219.3	15,000 *							55
60	43.1	208.5	12,600 *	53.3	215.8	15,000 *	67.8	222.1	15,000 *				60
65	35.8	202.2	10,800 *	47.4	211.5	14,200 *	62.8	219.6	15,000 *				65
70	26.9	193.6	9,300 *	40.8	206.1	12,100 *	57.6	216.6	15,000 *				70
75	12.8	178.7	8,000 *	33.1	199.1	10,400 *	52.0	212.9	15,000 *				75
80				23.2	189.3	9,000 *	45.9	208.4	13,800 *	61.4	215.8	13,200	80
85							39.1	202.7	11,800 *	56.1	212.6	10,900	85
90							31.1	195.3	10,200 *	50.4	208.7	8,900	90
95							20.2	184.2	8,800 *	44.1	203.9	7,100	95
100										37.1	197.7	5,500	100
105										28.5	189.6	4,100	105

Liftcrane Luffing Jib Intermediate Fall 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

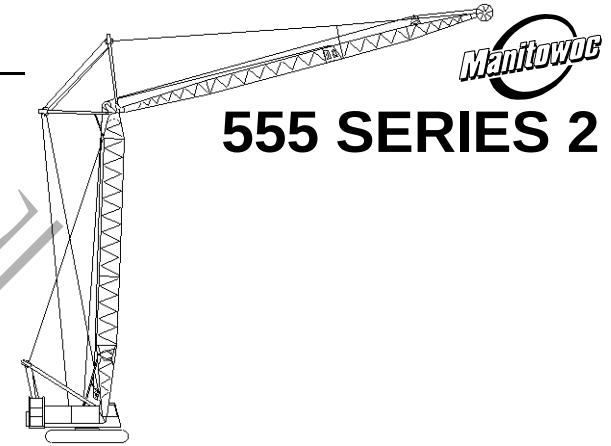
160 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.2	227.3	15,000 *										30
35	70.5	225.7	15,000 *										35
40	65.6	223.5	15,000 *										40
45	60.6	220.9	15,000 *	68.9	224.5	15,000 *							45
50	55.2	217.6	15,000 *	64.0	222.2	15,000 *							50
55	49.4	213.5	13,500 *	58.8	219.3	15,000 *							55
60	43.1	208.5	11,500 *	53.3	215.8	15,000 *	67.8	222.1	15,000 *				60
65	35.8	202.2	9,900 *	47.4	211.5	12,900 *	62.8	219.6	15,000 *				65
70	26.9	193.6	8,500 *	40.8	206.1	11,000 *	57.6	216.6	15,000 *				70
75	12.8	178.7	7,300 *	33.1	199.1	9,500 *	52.0	212.9	15,000 *				75
80				23.2	189.3	8,200 *	45.9	208.4	12,600 *	61.4	215.8	12,000	80
85							39.1	202.7	10,800 *	56.1	212.6	9,600	85
90							31.1	195.3	9,300 *	50.4	208.7	7,600	90
95							20.2	184.2	7,600	44.1	203.9	5,800	95
100										37.1	197.7	4,100	100

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet			
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall					
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds				
30	75.2	227.3	15,000 *	68.9	224.5	15,000 *	67.8	222.1	15,000 *	30			
35	70.5	225.7	15,000 *							35			
40	65.6	223.5	15,000 *							40			
45	60.6	220.9	15,000 *							45			
50	55.2	217.6	14,400 *							64.0	222.2	15,000 *	50
55	49.4	213.5	12,000 *	58.8	219.3	15,000 *	62.8	219.6	15,000 *	55			
60	43.1	208.5	10,100 *	53.3	215.8	13,600 *				60			
65	35.8	202.2	8,600 *	47.4	211.5	11,400 *				65			
70	26.9	193.6	7,300 *	40.8	206.1	9,700 *				57.6	216.6	15,000 *	70
75	12.8	178.7	6,300 *	33.1	199.1	8,200 *				52.0	212.9	13,300 *	75
80				23.2	189.3	7,100 *	45.9	208.4	11,100 *	80			
85							39.1	202.7	9,400 *	85			
90							31.1	195.3	7,600	90			
95							20.2	184.2	5,500	95			

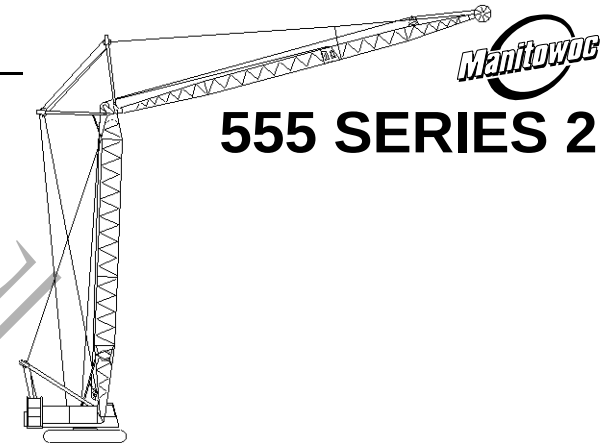
160 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.2	227.3	15,000 *							30
35	70.5	225.7	15,000 *							35
40	65.6	223.5	15,000 *							40
45	60.6	220.9	15,000 *	68.9	224.5	15,000 *				45
50	55.2	217.6	13,800 *	64.0	222.2	15,000 *				50
55	49.4	213.5	11,500 *	58.8	219.3	15,000 *				55
60	43.1	208.5	9,700 *	53.3	215.8	13,100 *	67.8	222.1	15,000 *	60
65	35.8	202.2	8,300 *	47.4	211.5	11,000 *	62.8	219.6	15,000 *	65
70	26.9	193.6	7,100 *	40.8	206.1	9,300 *	57.6	216.6	15,000 *	70
75	12.8	178.7	6,100 *	33.1	199.1	8,000 *	52.0	212.9	12,700 *	75
80				23.2	189.3	6,800 *	45.9	208.4	10,700 *	80
85							39.1	202.7	8,700	85
90							31.1	195.3	6,400	90
95							20.2	184.2	4,200	95

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.2	227.3	15,000 *							30
35	70.5	225.7	15,000 *							35
40	65.6	223.5	15,000 *							40
45	60.6	220.9	15,000 *	68.9	224.5	15,000 *				45
50	55.2	217.6	13,800 *	64.0	222.2	15,000 *				50
55	49.4	213.5	11,600 *	58.8	219.3	15,000 *				55
60	43.1	208.5	9,800 *	53.3	215.8	13,100 *	67.8	222.1	15,000 *	60
65	35.8	202.2	8,400 *	47.4	211.5	11,100 *	62.8	219.6	15,000 *	65
70	26.9	193.6	7,300 *	40.8	206.1	9,400 *	57.6	216.6	15,000 *	70
75	12.8	178.7	6,300 *	33.1	199.1	8,100 *	52.0	212.9	12,300	75
80				23.2	189.3	7,000 *	45.9	208.4	9,300	80
85							39.1	202.7	6,600	85
90							31.1	195.3	4,200	90

Liftcrane Luffing Jib Intermediate Fall 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

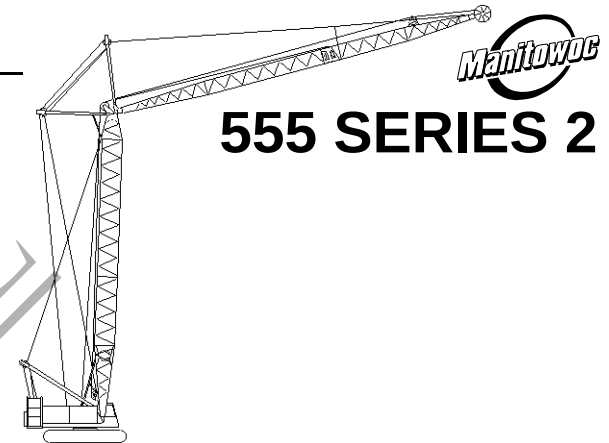
170 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.6	237.4	15,000 *										30
35	70.9	235.8	15,000 *										35
40	66.0	233.7	15,000 *										40
45	60.9	231.1	15,000 *	69.8	234.8	15,000 *							45
50	55.6	227.8	15,000 *	64.9	232.6	15,000 *							50
55	49.8	223.8	14,300 *	59.7	229.8	15,000 *							55
60	43.5	218.9	12,400 *	54.3	226.4	15,000 *							60
65	36.4	212.7	10,900 *	48.5	222.2	13,900 *	64.6	230.4	15,000 *				65
70	27.6	204.3	9,700 *	42.0	217.1	12,100 *	59.4	227.6	15,000 *				70
75	14.2	190.3	8,700 *	34.6	210.4	10,600 *	54.0	224.2	15,000 *				75
80				25.2	201.3	9,500 *	48.1	219.9	14,000 *				80
85				8.6	183.5	8,500 *	41.6	214.7	12,100 *	58.9	224.0	11,700	85
90							34.1	208.0	10,600 *	53.4	220.4	9,800	90
95							24.5	198.6	9,500 *	47.4	216.1	8,200	95
100							5.9	178.5	8,500 *	40.9	210.8	6,600	100
105										33.2	203.8	5,300	105
110										23.3	194.0	4,000	110

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.6	237.4	15,000 *							30
35	70.9	235.8	15,000 *							35
40	66.0	233.7	15,000 *							40
45	60.9	231.1	15,000 *	69.8	234.8	15,000 *				45
50	55.6	227.8	15,000 *	64.9	232.6	15,000 *				50
55	49.8	223.8	15,000 *	59.7	229.8	15,000 *				55
60	43.5	218.9	12,800 *	54.3	226.4	15,000 *				60
65	36.4	212.7	11,000 *	48.5	222.2	14,700 *	64.6	230.4	15,000 *	65
70	27.6	204.3	9,400 *	42.0	217.1	12,500 *	59.4	227.6	15,000 *	70
75	14.2	190.3	8,100 *	34.6	210.4	10,700 *	54.0	224.2	15,000 *	75
80				25.2	201.3	9,200 *	48.1	219.9	14,800 *	80
85				8.6	183.5	8,000 *	41.6	214.7	12,600 *	85
90							34.1	208.0	10,800 *	90
95							24.5	198.6	8,900	95
100							5.9	178.5	7,000	100

170 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.6	237.4	15,000 *							30
35	70.9	235.8	15,000 *							35
40	66.0	233.7	15,000 *							40
45	60.9	231.1	15,000 *	69.8	234.8	15,000 *				45
50	55.6	227.8	15,000 *	64.9	232.6	15,000 *				50
55	49.8	223.8	13,800 *	59.7	229.8	15,000 *				55
60	43.5	218.9	11,700 *	54.3	226.4	15,000 *				60
65	36.4	212.7	10,000 *	48.5	222.2	13,400 *	64.6	230.4	15,000 *	65
70	27.6	204.3	8,600 *	42.0	217.1	11,400 *	59.4	227.6	15,000 *	70
75	14.2	190.3	7,400 *	34.6	210.4	9,800 *	54.0	224.2	15,000 *	75
80				25.2	201.3	8,500 *	48.1	219.9	13,500 *	80
85				8.6	183.5	7,300 *	41.6	214.7	11,500 *	85
90							34.1	208.0	9,300	90
95							24.5	198.6	7,300	95
100							5.9	178.5	5,300	100

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet			
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall					
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds				
30	75.6	237.4	15,000 *							30			
35	70.9	235.8	15,000 *							35			
40	66.0	233.7	15,000 *							40			
45	60.9	231.1	15,000 *							69.8	234.8	15,000 *	45
50	55.6	227.8	14,600 *							64.9	232.6	15,000 *	50
55	49.8	223.8	12,200 *	59.7	229.8	15,000 *				55			
60	43.5	218.9	10,300 *	54.3	226.4	14,200 *				60			
65	36.4	212.7	8,700 *	48.5	222.2	11,800 *				64.6	230.4	15,000 *	65
70	27.6	204.3	7,500 *	42.0	217.1	10,000 *				59.4	227.6	15,000 *	70
75	14.2	190.3	6,400 *	34.6	210.4	8,500 *				54.0	224.2	14,300 *	75
80				25.2	201.3	7,300 *	48.1	219.9	11,900 *	80			
85				8.6	183.5	6,200 *	41.6	214.7	9,500	85			
90							34.1	208.0	7,300	90			
95							24.5	198.6	5,200	95			

170 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.6	237.4	15,000 *							30
35	70.9	235.8	15,000 *							35
40	66.0	233.7	15,000 *							40
45	60.9	231.1	15,000 *	69.8	234.8	15,000 *				45
50	55.6	227.8	14,100 *	64.9	232.6	15,000 *				50
55	49.8	223.8	11,700 *	59.7	229.8	15,000 *				55
60	43.5	218.9	9,900 *	54.3	226.4	13,600 *				60
65	36.4	212.7	8,400 *	48.5	222.2	11,400 *	64.6	230.4	15,000 *	65
70	27.6	204.3	7,200 *	42.0	217.1	9,600 *	59.4	227.6	15,000 *	70
75	14.2	190.3	6,200 *	34.6	210.4	8,200 *	54.0	224.2	13,700 *	75
80				25.2	201.3	7,000 *	48.1	219.9	11,000	80
85				8.6	183.5	6,100 *	41.6	214.7	8,400	85
90							34.1	208.0	6,100	90
95							24.5	198.6	4,000	95