

Liftcrane Luffing Jib Intermediate Fall Capacities

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. 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.

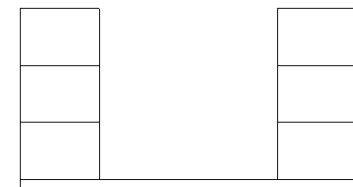
INTERMEDIATE FALL ELEVATION: Intermediate fall elevation is vertical distance from ground level to centerline of intermediate fall shaft.

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. 8521-A** for luffing jib capacities. Consult chart **No. 8530-A** for fixed jib on luffing jib capacities.

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

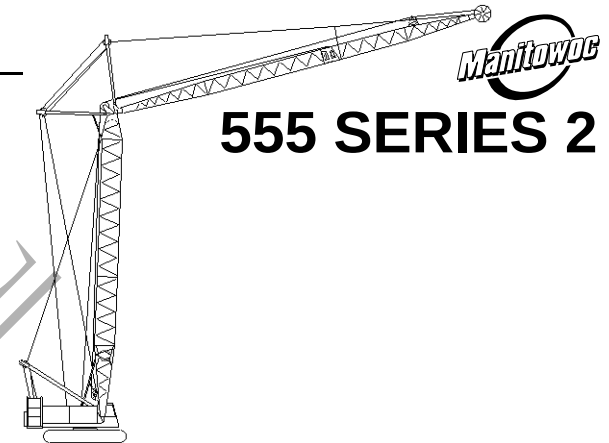


98,500 Lb. Crane Counterweight
6 Side Boxes

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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555 SERIES 2

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

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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



555 SERIES 2

60 Ft. Boom, 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	72.0	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

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 155 On

Boom No. 84

98,500 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



555 SERIES 2

60 Ft. Boom, 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

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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



555 SERIES 2

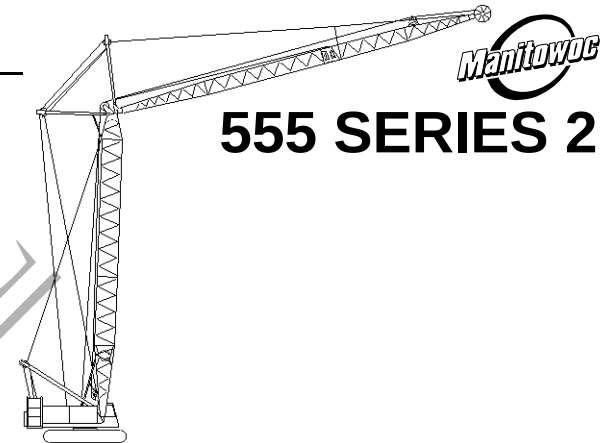
60 Ft. Boom, 140 Ft. Luffing Jib

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	14,700 *	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

Liftcrane Luffing Jib Intermediate Fall Capacities

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

Designed And Tested
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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

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
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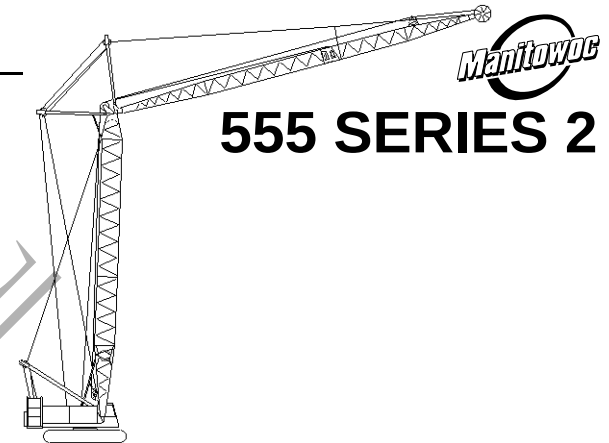
60 Ft. Boom, 160 Ft. Luffing Jib

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

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

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

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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

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

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

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

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

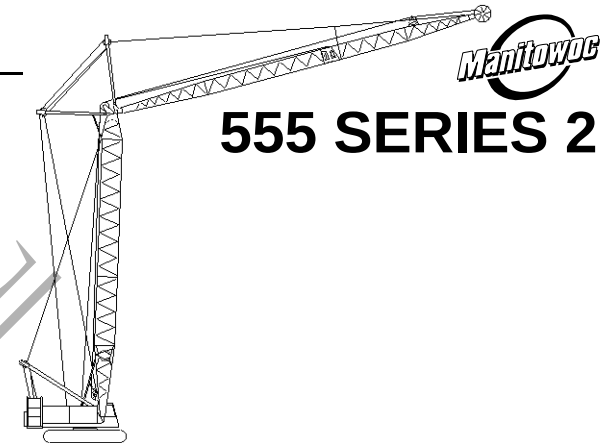
70 Ft. Boom, 160 Ft. Luffing Jib

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

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

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

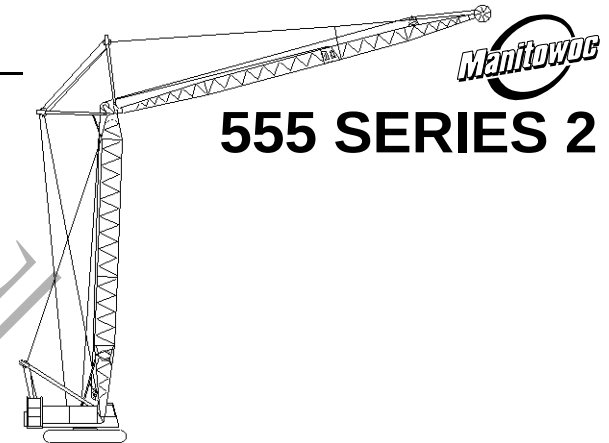
80 Ft. Boom, 120 Ft. Luffing Jib

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

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

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

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

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

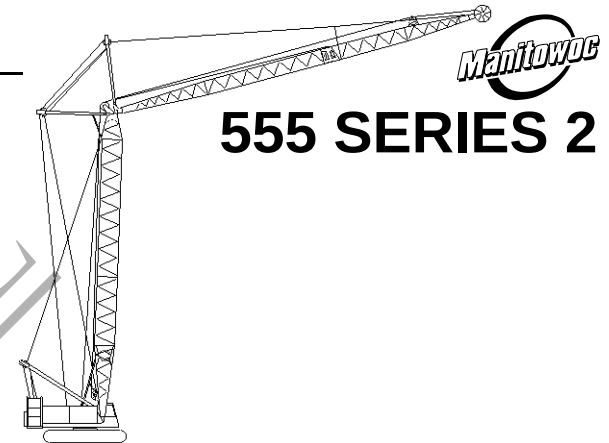
80 Ft. Boom, 160 Ft. Luffing Jib

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 *	85
90										13.2	96.3	6,200 *	30.2	111.9	7,600 *	40.5	118.6	9,200 *	90
95													18.9	100.3	6,500 *	32.8	111.6	7,900 *	95
100																22.7	101.5	6,900 *	100

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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	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	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

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

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	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	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	12,900 *	85
90										21.5	114.9	6,800 *	36.0	126.8	8,700 *	46.2	132.3	10,900 *	90
95													27.2	118.2	7,400 *	39.4	126.7	9,300 *	95
100													13.4	103.8	6,400 *	31.4	119.3	8,000 *	100
105																20.7	108.5	6,900 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

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		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	10,300 *	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	85	
90										21.5	114.9	6,600 *	36.0	126.8	8,300 *	46.2	132.3	90	
95													27.2	118.2	7,200 *	39.4	126.7	95	
100													13.4	103.8	6,200 *	31.4	119.3	100	
105																20.7	108.5	105	

Liftcrane Luffing Jib Intermediate Fall Capacities

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	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	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	12,500 *	85
90										21.5	114.9	6,800 *	36.0	126.8	8,500 *	46.2	132.3	10,600 *	90
95													27.2	118.2	7,400 *	39.4	126.7	9,100 *	95
100													13.4	103.8	6,400 *	31.4	119.3	7,900 *	100
105																20.7	108.5	6,900 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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		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	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 *	
95										13.9	116.4	8,300 *	33.5	133.8	10,600 *	45.2	140.6	13,500 *	
100													23.7	124.1	9,200 *	38.3	134.8	11,700 *	
105																30.0	127.0	10,100 *	
110																18.5	115.3	8,800 *	

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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

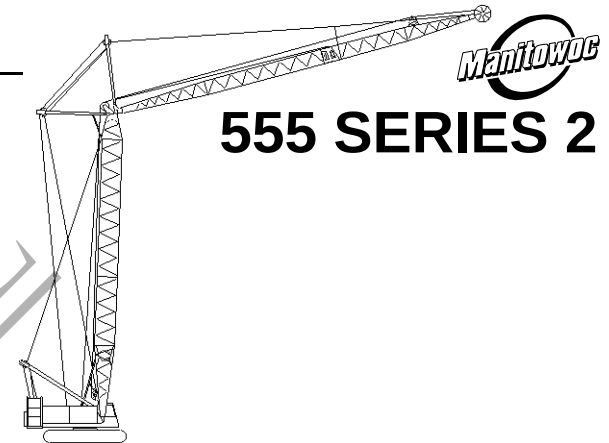
100 Ft. Boom, 140 Ft. Luffing Jib

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 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	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 *	90
95										13.9	116.4	6,400 *	33.5	133.8	8,300 *	45.2	140.6	10,700 *	95
100													23.7	124.1	7,100 *	38.3	134.8	9,100 *	100
105																30.0	127.0	7,800 *	105
110																18.5	115.3	6,700 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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

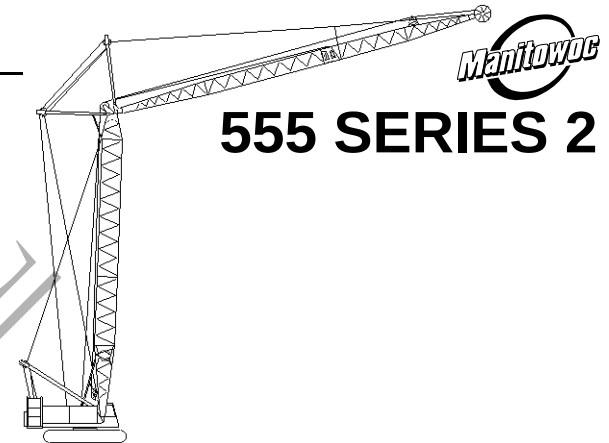
100 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			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	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 *	53.6	150.3	13,000 *			80	
85							19.0	123.9	6,600 *	36.2	139.1	8,500 *	47.7	146.0	11,000 *			85	
90										27.4	130.6	7,400 *	41.1	140.6	9,400 *	51.3	145.3	90	
95										13.9	116.4	6,400 *	33.5	133.8	8,100 *	45.2	140.6	95	
100													23.7	124.1	7,100 *	38.3	134.8	100	
105																30.0	127.0	105	
110																18.5	115.3	110	

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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	95	
100													30.7	140.5	10,200 *	44.2	148.9	100	
105													19.7	129.3	8,900 *	37.1	142.8	105	
110																28.5	134.6	110	
115																16.0	121.6	115	

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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

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			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	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 *	57.4	162.1	14,800 *			80	
85							23.6	138.5	6,800 *	40.1	152.1	9,100 *	51.8	158.4	12,300 *			85	
90										32.3	145.0	7,800 *	45.7	153.8	10,400 *			90	
95										22.0	134.7	6,700 *	38.8	148.1	8,900 *	50.4	153.7	95	
100													30.7	140.5	7,600 *	44.2	148.9	100	
105													19.7	129.3	6,600 *	37.1	142.8	105	
110																28.5	134.6	110	
115																16.0	121.6	115	

Liftcrane Luffing Jib Intermediate Fall Capacities

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

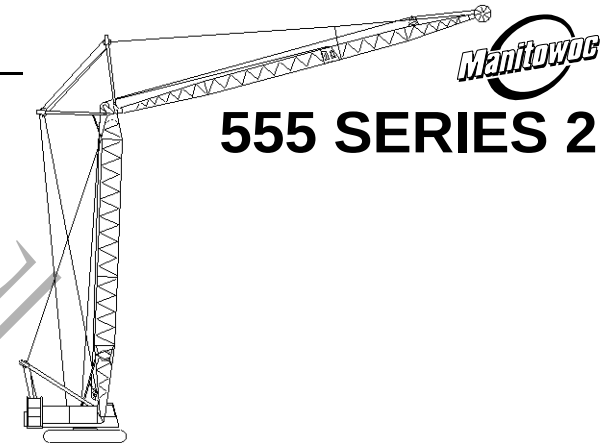
110 Ft. Boom, 160 Ft. Luffing Jib

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			Int. Fall Oper. Rad. Feet
	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	
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	10,800 *	57.4	162.1	14,800 *	80
85							23.6	138.5	7,000 *	40.1	152.1	9,200 *	51.8	158.4	12,400 *	85
90										32.3	145.0	8,000 *	45.7	153.8	10,500 *	90
95										22.0	134.7	6,900 *	38.8	148.1	9,000 *	95
100													30.7	140.5	7,800 *	100
105													19.7	129.3	6,800 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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

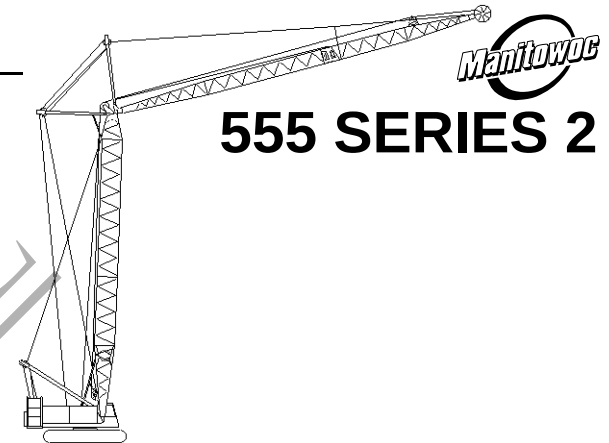
120 Ft. Boom, 120 Ft. Luffing Jib

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

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

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

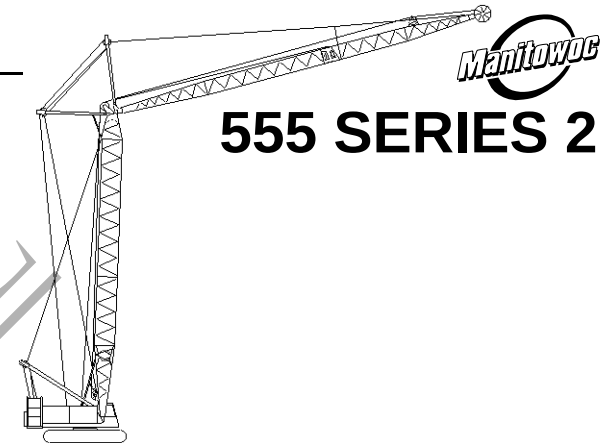
120 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
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	10,300 *	55.6	170.4	14,600 *	85
90							13.8	138.0	6,300 *	36.5	158.6	8,800 *	49.9	166.5	12,200 *	90
95										27.8	150.3	7,500 *	43.6	161.6	10,400 *	95
100										14.6	136.5	6,500 *	36.5	155.3	8,800 *	100
105													27.7	147.0	7,600 *	105
110													14.5	133.1	6,500 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

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			70 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		
		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	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	11,700 *				80
85							27.4	152.2	7,200 *	43.7	164.8	9,900 *	55.6	170.4	14,100 *	85
90							13.8	138.0	6,100 *	36.5	158.6	8,500 *	49.9	166.5	11,800 *	90
95										27.8	150.3	7,300 *	43.6	161.6	10,000 *	95
100										14.6	136.5	6,300 *	36.5	155.3	8,500 *	100
105													27.7	147.0	7,300 *	105
110													14.5	133.1	6,300 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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



555 SERIES 2

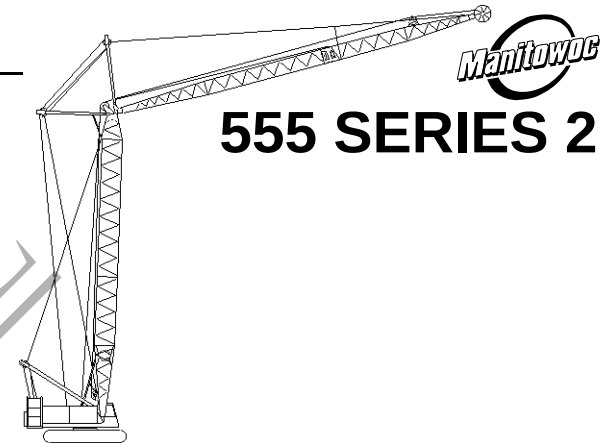
120 Ft. Boom, 160 Ft. Luffing Jib

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	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	
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	14,000 *	75
80				12.2	137.6	6,200 *	36.2	160.7	8,500 *	49.9	169.7	11,800 *	80
85							27.4	152.2	7,400 *	43.7	164.8	10,000 *	85
90							13.8	138.0	6,400 *	36.5	158.6	8,600 *	90
95										27.8	150.3	7,500 *	95
100										14.6	136.5	6,500 *	100

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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

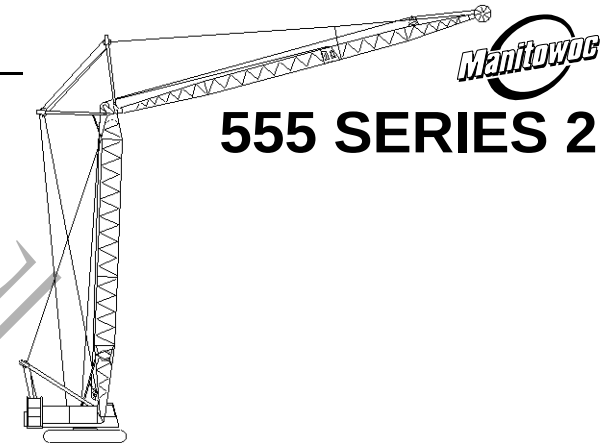
130 Ft. Boom, 120 Ft. Luffing Jib

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

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			70 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		
		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	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	15,000 *				80
85							30.7	165.4	9,100 *	47.0	177.2	12,800 *				85
90							19.6	154.1	7,900 *	40.4	171.7	11,000 *	53.9	178.7	15,000 *	90
95										32.6	164.6	9,500 *	48.0	174.4	13,300 *	95
100										22.4	154.5	8,200 *	41.5	169.1	11,300 *	100
105													33.9	162.4	9,800 *	105
110													24.3	152.9	8,500 *	110
115													4.7	131.7	7,300 *	115

Liftcrane Luffing Jib Intermediate Fall Capacities

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

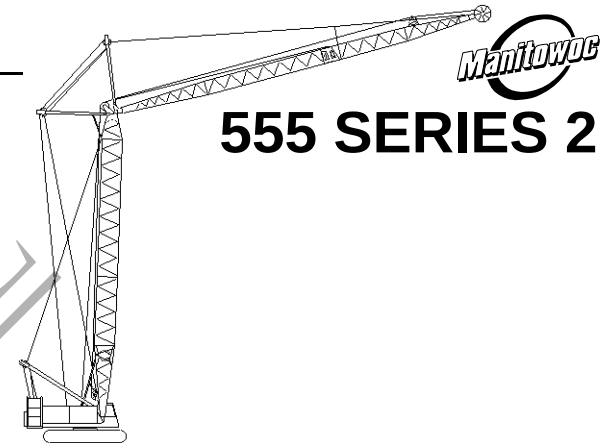
130 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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		
		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	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	15,000 *				75
80				15.7	151.5	6,400 *	38.8	172.9	9,200 *	53.0	181.5	13,500 *				80
85							30.7	165.4	7,900 *	47.0	177.2	11,300 *				85
90							19.6	154.1	6,700 *	40.4	171.7	9,600 *	53.9	178.7	13,900 *	90
95										32.6	164.6	8,200 *	48.0	174.4	11,700 *	95
100										22.4	154.5	7,000 *	41.5	169.1	9,900 *	100
105													33.9	162.4	8,500 *	105
110													24.3	152.9	7,300 *	110
115													4.7	131.7	6,200 *	115

Liftcrane Luffing Jib Intermediate Fall Capacities

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	15,000 *	75
80				15.7	151.5	6,200 *	38.8	172.9	8,900 *	53.0	181.5	12,900 *	80
85							30.7	165.4	7,600 *	47.0	177.2	10,900 *	85
90							19.6	154.1	6,500 *	40.4	171.7	9,200 *	90
95										32.6	164.6	7,900 *	95
100										22.4	154.5	6,800 *	100

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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



555 SERIES 2

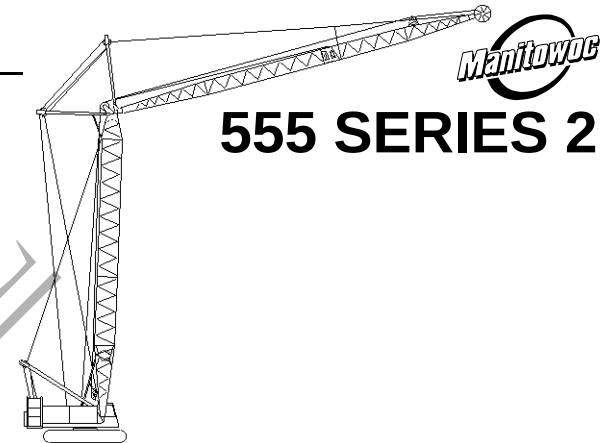
130 Ft. Boom, 160 Ft. Luffing Jib

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	9,400 *	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 *	58.5	185.1	15,000 *	75
80				15.7	151.5	6,400 *	38.8	172.9	9,000 *	53.0	181.5	13,000 *	80
85							30.7	165.4	7,800 *	47.0	177.2	11,000 *	85
90							19.6	154.1	6,700 *	40.4	171.7	9,400 *	90
95										32.6	164.6	8,100 *	95
100										22.4	154.5	7,000 *	100

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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

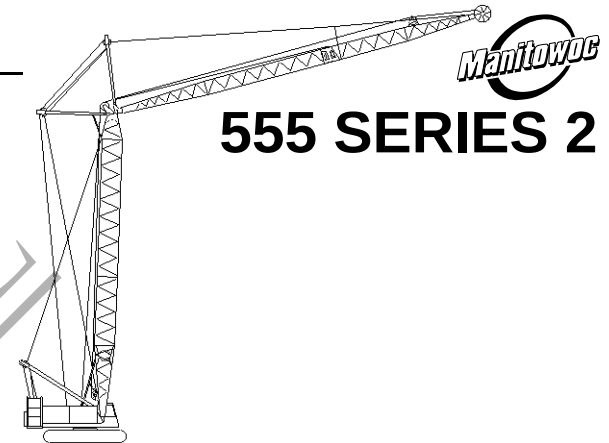
140 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
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	15,000 *				80
85							33.7	178.1	10,700 *	50.2	189.2	15,000 *				85
90							24.1	168.6	9,300 *	43.9	184.3	13,300 *	57.6	190.5	15,000 *	90
95										36.8	178.2	11,400 *	52.1	186.8	14,800	95
100										28.1	169.9	9,900 *	46.0	182.3	13,100	100
105										15.3	156.6	8,600 *	39.2	176.6	11,500	105
110													31.2	169.2	10,100	110
115													20.4	158.2	8,800	115

Liftcrane Luffing Jib Intermediate Fall Capacities

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			70 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		
		Elev. Feet	Capacity Pounds		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	15,000 *				80
85							33.7	178.1	9,600 *	50.2	189.2	14,100 *				85
90							24.1	168.6	8,300 *	43.9	184.3	12,000 *	57.6	190.5	15,000 *	90
95										36.8	178.2	10,300 *	52.1	186.8	13,800	95
100										28.1	169.9	8,900 *	46.0	182.3	12,100	100
105										15.3	156.6	7,700 *	39.2	176.6	10,500	105
110													31.2	169.2	9,000	110
115													20.4	158.2	7,700	115

Liftcrane Luffing Jib Intermediate Fall Capacities

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	15,000 *	75
80				18.6	164.5	6,600 *	41.3	184.9	9,800 *	55.9	193.1	15,000 *	80
85							33.7	178.1	8,300 *	50.2	189.2	12,400 *	85
90							24.1	168.6	7,100 *	43.9	184.3	10,500 *	90
95										36.8	178.2	8,900 *	95
100										28.1	169.9	7,700 *	100
105										15.3	156.6	6,600 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

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			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	13,300 *	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 *	61.2	196.4	15,000 *	75
80				18.6	164.5	6,400 *	41.3	184.9	9,400 *	55.9	193.1	14,300 *	80
85							33.7	178.1	8,000 *	50.2	189.2	12,000 *	85
90							24.1	168.6	6,900 *	43.9	184.3	10,100 *	90
95										36.8	178.2	8,600 *	95
100										28.1	169.9	7,400 *	100
105										15.3	156.6	6,400 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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



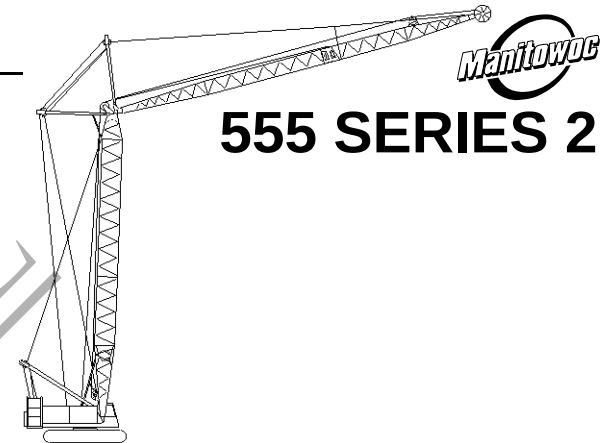
140 Ft. Boom, 160 Ft. Luffing Jib

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	8,200 *	85
90							24.1	168.6	7,100 *	90

Liftcrane Luffing Jib Intermediate Fall Capacities

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			70 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		
		Elev. Feet	Capacity Pounds		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	15,000 *				85
90							27.8	182.2	9,700 *	47.2	196.6	13,600 *				90
95							14.6	168.4	8,700 *	40.6	191.2	11,800 *	55.9	198.8	15,000 *	95
100										32.9	184.2	10,400 *	50.2	194.9	13,700	100
105										22.9	174.2	9,300 *	44.0	190.0	12,200	105
110													36.9	183.9	10,900	110
115													28.2	175.7	9,700	115
120													15.4	162.4	8,500	120

Liftcrane Luffing Jib Intermediate Fall Capacities

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

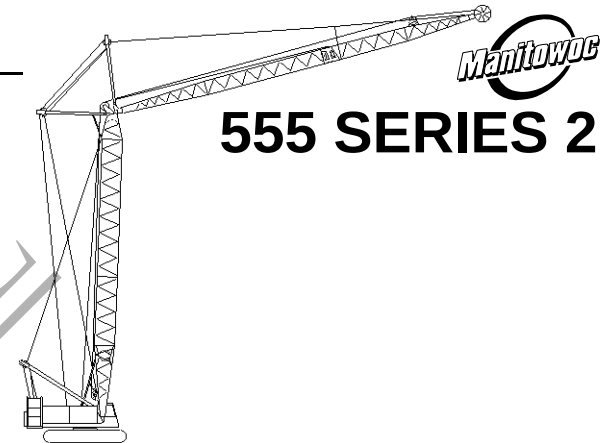
150 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
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	15,000 *				80
85							36.5	190.5	11,300 *	53.2	201.0	15,000 *				85
90							27.8	182.2	9,800 *	47.2	196.6	14,500 *				90
95							14.6	168.4	8,500 *	40.6	191.2	12,400 *	55.9	198.8	14,200	95
100										32.9	184.2	10,700 *	50.2	194.9	12,500	100
105										22.9	174.2	9,300 *	44.0	190.0	11,000	105
110													36.9	183.9	9,600	110
115													28.2	175.7	8,400	115
120													15.4	162.4	7,200	120

Liftcrane Luffing Jib Intermediate Fall Capacities

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	15,000 *	80
85							36.5	190.5	10,200 *	53.2	201.0	15,000 *	85
90							27.8	182.2	8,800 *	47.2	196.6	13,100 *	90
95							14.6	168.4	7,600 *	40.6	191.2	11,200 *	95
100										32.9	184.2	9,600 *	100
105										22.9	174.2	8,300 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

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

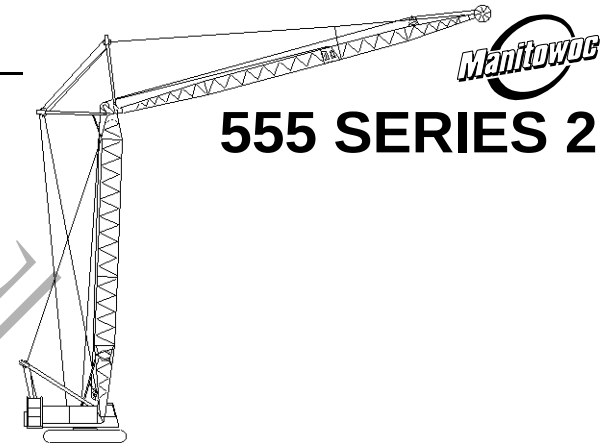
150 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			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	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 *	58.7	204.5	15,000 *	80
85							36.5	190.5	8,900 *	53.2	201.0	13,800 *	85
90							27.8	182.2	7,600 *	47.2	196.6	11,500 *	90
95							14.6	168.4	6,500 *	40.6	191.2	9,800 *	95
100										32.9	184.2	8,400 *	100
105										22.9	174.2	7,200 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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



555 SERIES 2

150 Ft. Boom, 150 Ft. Luffing Jib

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	7,300 *	90
95							14.6	168.4	6,300 *	95

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	10,100 *	80
85							36.5	190.5	8,700 *	85
90							27.8	182.2	7,500 *	90
95							14.6	168.4	6,500 *	95

Liftcrane Luffing Jib Intermediate Fall Capacities

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

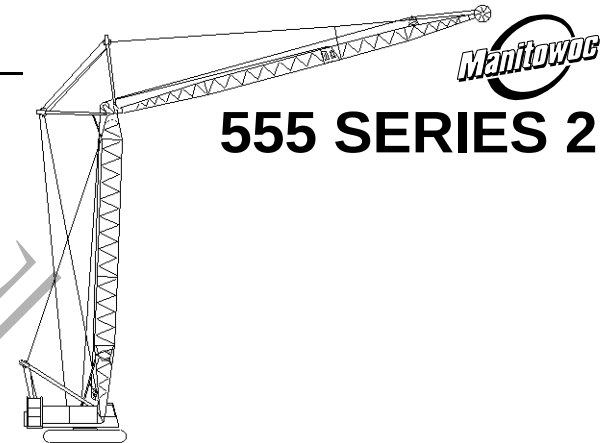
160 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
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	15,000 *				80
85							39.1	202.7	11,500 *	56.1	212.6	15,000 *				85
90							31.1	195.3	10,200 *	50.4	208.7	14,800 *				90
95							20.2	184.2	9,100 *	44.1	203.9	12,700 *				95
100										37.1	197.7	11,200 *	54.2	207.1	13,100	100
105										28.5	189.6	9,900 *	48.3	202.9	11,700	105
110										15.9	176.6	8,800 *	41.8	197.6	10,400	110
115													34.3	191.0	9,200	115
120													24.9	181.7	8,100	120
125													7.4	163.0	7,000	125

Liftcrane Luffing Jib Intermediate Fall Capacities

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	15,000 *	80
85							39.1	202.7	11,800 *	56.1	212.6	15,000 *	85
90							31.1	195.3	10,200 *	50.4	208.7	15,000 *	90
95							20.2	184.2	8,800 *	44.1	203.9	13,400 *	95
100										37.1	197.7	11,500 *	100
105										28.5	189.6	9,900 *	105
110										15.9	176.6	8,600 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

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	15,000 *	80
85							39.1	202.7	10,800 *	56.1	212.6	15,000 *	85
90							31.1	195.3	9,300 *	50.4	208.7	14,400 *	90
95							20.2	184.2	8,000 *	44.1	203.9	12,200 *	95
100										37.1	197.7	10,500 *	100
105										28.5	189.6	9,100 *	105
110										15.9	176.6	7,800 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

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 *							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	14,400 *	64.0	222.2	15,000 *				50
55	49.4	213.5	12,000 *	58.8	219.3	15,000 *				55
60	43.1	208.5	10,100 *	53.3	215.8	13,600 *	67.8	222.1	15,000 *	60
65	35.8	202.2	8,600 *	47.4	211.5	11,400 *	62.8	219.6	15,000 *	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	8,100 *	90
95							20.2	184.2	6,900 *	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	9,100 *	85
90							31.1	195.3	7,800 *	90
95							20.2	184.2	6,700 *	95

Liftcrane Luffing Jib Intermediate Fall Capacities

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

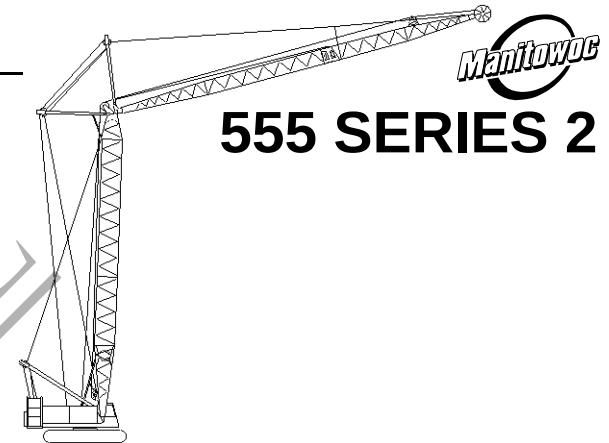
160 Ft. Boom, 160 Ft. Luffing Jib

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	12,800 *	75
80				23.2	189.3	7,000 *	45.9	208.4	10,800 *	80
85							39.1	202.7	9,200 *	85
90							31.1	195.3	8,000 *	90
95							20.2	184.2	6,900 *	95

Liftcrane Luffing Jib Intermediate Fall Capacities

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	15,000 *	85
90							34.1	208.0	10,600 *	53.4	220.4	15,000 *	90
95							24.5	198.6	9,500 *	47.4	216.1	13,900 *	95
100							5.9	178.5	8,500 *	40.9	210.8	12,000 *	100
105										33.2	203.8	10,600 *	105
110										23.3	194.0	9,400 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

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

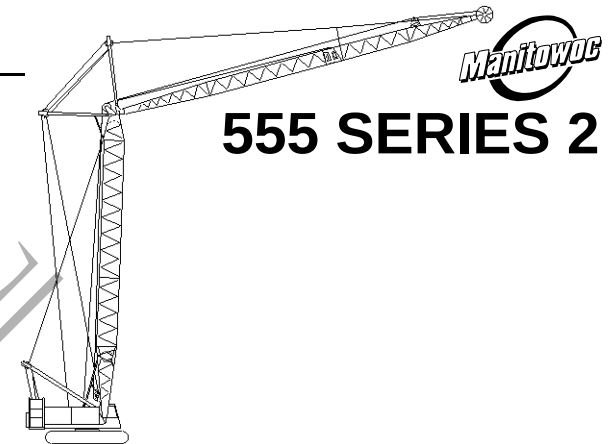
170 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			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	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 *	58.9	224.0	15,000 *	85
90							34.1	208.0	10,800 *	53.4	220.4	15,000 *	90
95							24.5	198.6	9,300 *	47.4	216.1	14,700 *	95
100							5.9	178.5	8,000 *	40.9	210.8	12,600 *	100
105										33.2	203.8	10,800 *	105
110										23.3	194.0	9,300 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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



555 SERIES 2

170 Ft. Boom, 130 Ft. Luffing Jib

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	9,900 *	90
95							24.5	198.6	8,500 *	95
100							5.9	178.5	7,400 *	100

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	10,100 *	85
90							34.1	208.0	8,600 *	90
95							24.5	198.6	7,300 *	95
100							5.9	178.5	6,300 *	100

Liftcrane Luffing Jib Intermediate Fall Capacities

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

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



555 SERIES 2

170 Ft. Boom, 150 Ft. Luffing Jib

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	11,400 *	80
85				8.6	183.5	6,100 *	41.6	214.7	9,700 *	85
90							34.1	208.0	8,300 *	90
95							24.5	198.6	7,100 *	95
100							5.9	178.5	6,100 *	100