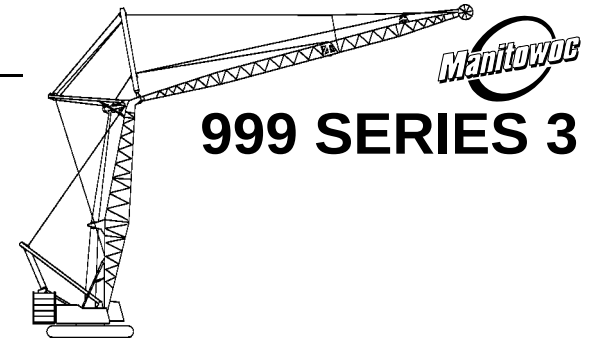


Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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 (*). Capacities indicated by (b) require 800 Lb. minimum hook and weight ball.

Lower boom point assembly must be completely removed on 190 Ft. and 200 Ft. boom lengths.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and intermediate fall is considered part of intermediate fall load. 3,000 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 gantry up and bearing turntable level within a tolerance of 1/2 in. in 10 Ft. and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. A09286** (No. 22EL) or **No. A09287** (No. 82), Wire Rope Specification chart **No. 8247-A** and Luffing Jib Raising Procedure chart **No. 8248-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. 8249-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is angle between horizontal and

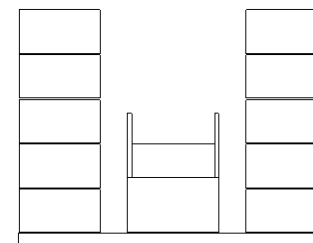
centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

MACHINE EQUIPMENT: Machine equipped with 28 Ft. 2 in. crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, boom support straps or four 1-3/8 in. boom pendants, 8 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays, 219,600 Lb. crane counterweight, two 22,000 Lb. and two 18,000 Lb. carbody counterweights.

Consult chart **No. 8237-A** for luffing jib capacities. Consult chart **No. 8243-A** for lifting off lower boom point with luffing jib attached.

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



219,600 Lb. Crane Counterweight
10 Side Boxes - 1 Center Box

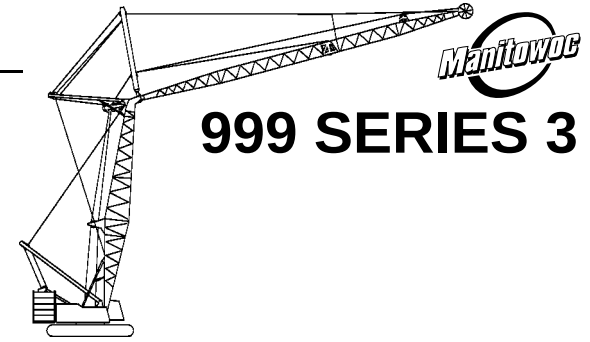
Boom Catwalks Deduct

Deduct 300 Lbs. from capacities
when boom catwalks are attached.

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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999 SERIES 3

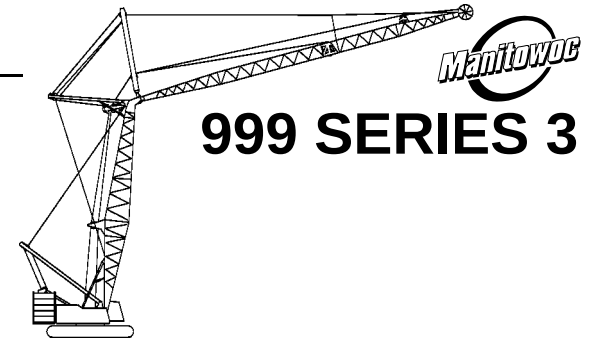
70 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	68.7	137.0	15,000 *																			35
40	63.8	134.6	15,000 *	69.8	136.7	15,000 *																40
45	58.6	131.8	15,000 *	64.9	134.5	15,000 *																45
50	53.1	128.2	15,000 *	59.8	131.8	15,000 *	63.5	133.1	15,000 *													50
55	47.2	123.8	13,900 *	54.3	128.4	15,000 *	58.3	130.2	15,000 *													55
60	40.5	118.4	12,000 *	48.5	124.2	14,400 *	52.8	126.6	15,000 *	59.3	129.3	15,000 *										60
65	32.8	111.4	10,500 *	42.0	119.0	12,400 *	46.8	122.2	13,800 *	53.8	125.8	15,000 *										65
70	22.8	101.4	9,300 *	34.6	112.4	10,800 *	40.1	116.7	11,900 *	47.9	121.6	14,200 *	54.7	124.4	15,000 *							70
75				25.2	103.3	9,500 *	32.3	109.5	10,400 *	41.4	116.3	12,200 *	48.8	120.3	14,600 *							75
80				8.6	85.5	8,600 *	22.0	99.2	9,200 *	33.8	109.5	10,700 *	42.4	115.2	12,500 *	49.5	118.3	14,900 *				80
85										24.2	100.0	9,400 *	35.1	108.7	10,900 *	43.2	113.3	12,700 *				85
90										3.6	77.8	8,600 *	25.9	99.7	9,600 *	36.0	107.0	11,100 *	43.6	110.7	12,900 *	90
95													10.4	83.3	8,600 *	27.1	98.4	9,700 *	36.5	104.4	11,200 *	95
100																13.2	83.8	8,700 *	27.7	96.1	9,800 *	100
105																			14.5	82.3	8,700 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

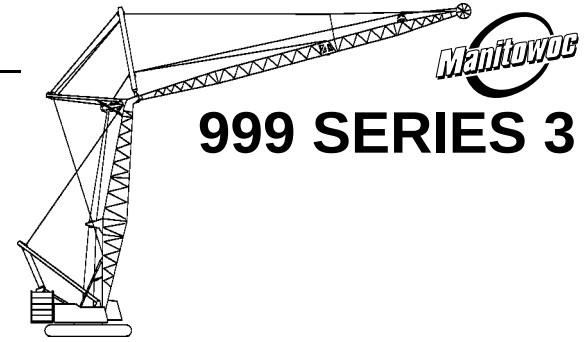
70 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	73.5	138.8	15,000 *																		30	
35	68.7	137.0	15,000 *																		35	
40	63.8	134.6	15,000 *	69.8	136.7	15,000 *															40	
45	58.6	131.8	15,000 *	64.9	134.5	15,000 *															45	
50	53.1	128.2	15,000 *	59.8	131.8	15,000 *	63.5	133.1	15,000 *												50	
55	47.2	123.8	15,000 *	54.3	128.4	15,000 *	58.3	130.2	15,000 *												55	
60	40.5	118.4	13,200 *	48.5	124.2	15,000 *	52.8	126.6	15,000 *	59.3	129.3	15,000 *									60	
65	32.8	111.4	11,500 *	42.0	119.0	13,600 *	46.8	122.2	15,000 *	53.8	125.8	15,000 *									65	
70	22.8	101.4	10,100 *	34.6	112.4	11,800 *	40.1	116.7	13,100 *	47.9	121.6	15,000 *	54.7	124.4	15,000 *						70	
75				25.2	103.3	10,400 *	32.3	109.5	11,400 *	41.4	116.3	13,500 *	48.8	120.3	15,000 *						75	
80				8.6	85.5	9,300 *	22.0	99.2	10,100 *	33.8	109.5	11,700 *	42.4	115.2	13,800 *	49.5	118.3	15,000 *				80
85										24.2	100.0	10,300 *	35.1	108.7	12,000 *	43.2	113.3	14,000 *				85
90										3.6	77.8	9,300 *	25.9	99.7	10,500 *	36.0	107.0	12,200 *	43.6	110.7	14,200 *	90
95													10.4	83.3	9,400 *	27.1	98.4	10,700 *	36.5	104.4	12,300 *	95
100																13.2	83.8	9,500 *	27.7	96.1	10,800 *	100
105																			14.5	82.3	9,500 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
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999 SERIES 3

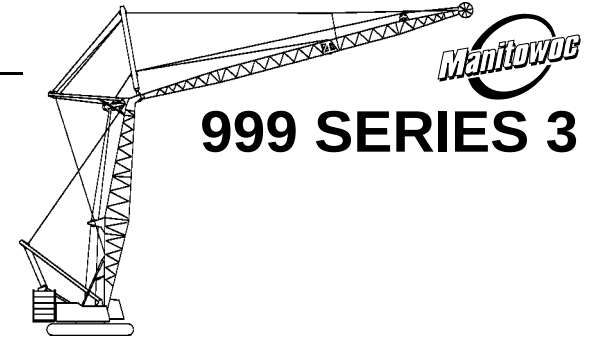
70 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	73.5	138.8	15,000 *																		30	
35	68.7	137.0	15,000 *																		35	
40	63.8	134.6	15,000 *	69.8	136.7	15,000 *															40	
45	58.6	131.8	15,000 *	64.9	134.5	15,000 *															45	
50	53.1	128.2	15,000 *	59.8	131.8	15,000 *	63.5	133.1	15,000 *												50	
55	47.2	123.8	14,900 *	54.3	128.4	15,000 *	58.3	130.2	15,000 *												55	
60	40.5	118.4	12,800 *	48.5	124.2	15,000 *	52.8	126.6	15,000 *	59.3	129.3	15,000 *									60	
65	32.8	111.4	11,200 *	42.0	119.0	13,200 *	46.8	122.2	14,700 *	53.8	125.8	15,000 *									65	
70	22.8	101.4	9,900 *	34.6	112.4	11,600 *	40.1	116.7	12,700 *	47.9	121.6	15,000 *	54.7	124.4	15,000 *						70	
75				25.2	103.3	10,200 *	32.3	109.5	11,200 *	41.4	116.3	13,100 *	48.8	120.3	15,000 *						75	
80				8.6	85.5	9,200 *	22.0	99.2	9,900 *	33.8	109.5	11,400 *	42.4	115.2	13,400 *	49.5	118.3	15,000 *			80	
85										24.2	100.0	10,100 *	35.1	108.7	11,700 *	43.2	113.3	13,600 *			85	
90										3.6	77.8	9,200 *	25.9	99.7	10,300 *	36.0	107.0	11,800 *	43.6	110.7	13,700 *	90
95													10.4	83.3	9,200 *	27.1	98.4	10,400 *	36.5	104.4	11,900 *	95
100																13.2	83.8	9,300 *	27.7	96.1	10,500 *	100
105																			14.5	82.3	9,400 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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999 SERIES 3

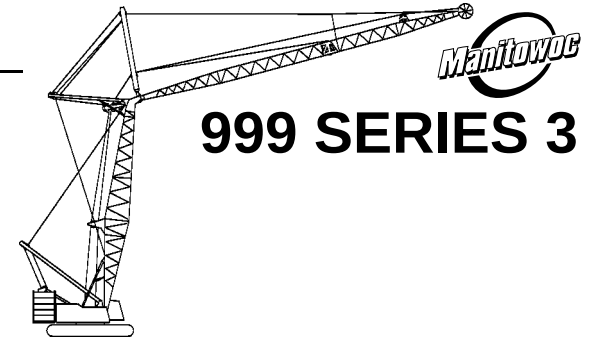
70 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	73.5	138.8	15,000 *																		30	
35	68.7	137.0	15,000 *																		35	
40	63.8	134.6	15,000 *	69.8	136.7	15,000 *															40	
45	58.6	131.8	15,000 *	64.9	134.5	15,000 *															45	
50	53.1	128.2	15,000 *	59.8	131.8	15,000 *	63.5	133.1	15,000 *												50	
55	47.2	123.8	13,200 *	54.3	128.4	15,000 *	58.3	130.2	15,000 *												55	
60	40.5	118.4	11,300 *	48.5	124.2	13,700 *	52.8	126.6	15,000 *	59.3	129.3	15,000 *									60	
65	32.8	111.4	9,900 *	42.0	119.0	11,700 *	46.8	122.2	13,100 *	53.8	125.8	15,000 *									65	
70	22.8	101.4	8,700 *	34.6	112.4	10,200 *	40.1	116.7	11,200 *	47.9	121.6	13,500 *	54.7	124.4	15,000 *						70	
75				25.2	103.3	8,900 *	32.3	109.5	9,800 *	41.4	116.3	11,600 *	48.8	120.3	13,800 *						75	
80				8.6	85.5	8,000 *	22.0	99.2	8,600 *	33.8	109.5	10,000 *	42.4	115.2	11,800 *	49.5	118.3	14,100 *			80	
85										24.2	100.0	8,800 *	35.1	108.7	10,300 *	43.2	113.3	12,000 *			85	
90										3.6	77.8	8,000 *	25.9	99.7	9,000 *	36.0	107.0	10,400 *	43.6	110.7	12,100 *	90
95													10.4	83.3	8,000 *	27.1	98.4	9,100 *	36.5	104.4	10,500 *	95
100																13.2	83.8	8,100 *	27.7	96.1	9,200 *	100
105																			14.5	82.3	8,200 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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999 SERIES 3

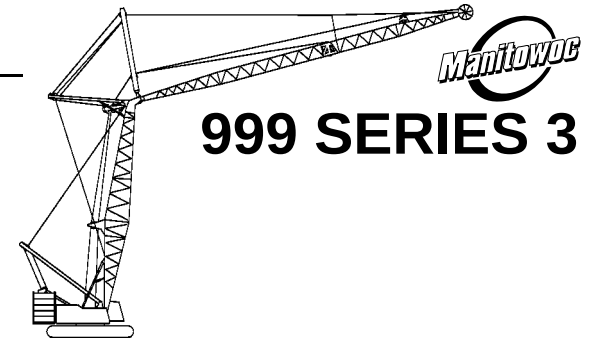
70 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	73.5	138.8	15,000 *																		30	
35	68.7	137.0	15,000 *																		35	
40	63.8	134.6	15,000 *	69.8	136.7	15,000 *															40	
45	58.6	131.8	15,000 *	64.9	134.5	15,000 *															45	
50	53.1	128.2	14,800 *	59.8	131.8	15,000 *	63.5	133.1	15,000 *												50	
55	47.2	123.8	12,500 *	54.3	128.4	15,000 *	58.3	130.2	15,000 *												55	
60	40.5	118.4	10,800 *	48.5	124.2	13,000 *	52.8	126.6	14,700 *	59.3	129.3	15,000 *									60	
65	32.8	111.4	9,400 *	42.0	119.0	11,100 *	46.8	122.2	12,400 *	53.8	125.8	15,000 *									65	
70	22.8	101.4	8,300 *	34.6	112.4	9,600 *	40.1	116.7	10,700 *	47.9	121.6	12,800 *	54.7	124.4	15,000 *						70	
75				25.2	103.3	8,500 *	32.3	109.5	9,300 *	41.4	116.3	11,000 *	48.8	120.3	13,100 *						75	
80				8.6	85.5	7,600 *	22.0	99.2	8,200 *	33.8	109.5	9,500 *	42.4	115.2	11,200 *	49.5	118.3	13,300 *			80	
85										24.2	100.0	8,400 *	35.1	108.7	9,700 *	43.2	113.3	11,400 *			85	
90										3.6	77.8	7,600 *	25.9	99.7	8,500 *	36.0	107.0	9,900 *	43.6	110.7	11,500 *	90
95																27.1	98.4	8,700 *	36.5	104.4	10,000 *	95
100																13.2	83.8	7,700 *	27.7	96.1	8,700 *	100
105																			14.5	82.3	7,800 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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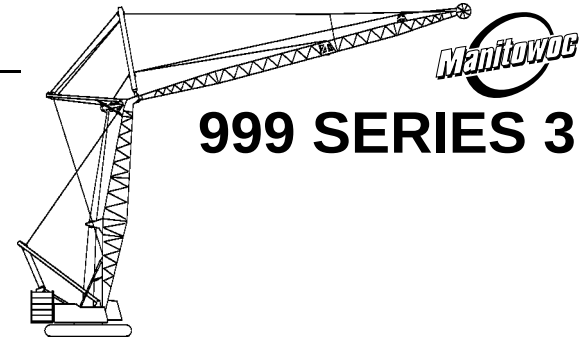
70 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	73.5	138.8	15,000 *																		30	
35	68.7	137.0	15,000 *																		35	
40	63.8	134.6	15,000 *	69.8	136.7	15,000 *															40	
45	58.6	131.8	15,000 *	64.9	134.5	15,000 *															45	
50	53.1	128.2	14,400 *	59.8	131.8	15,000 *	63.5	133.1	15,000 *												50	
55	47.2	123.8	12,200 *	54.3	128.4	15,000 *	58.3	130.2	15,000 *												55	
60	40.5	118.4	10,500 *	48.5	124.2	12,600 *	52.8	126.6	14,200 *	59.3	129.3	15,000 *									60	
65	32.8	111.4	9,200 *	42.0	119.0	10,800 *	46.8	122.2	12,100 *	53.8	125.8	14,700 *									65	
70	22.8	101.4	8,100 *	34.6	112.4	9,400 *	40.1	116.7	10,400 *	47.9	121.6	12,400 *	54.7	124.4	15,000 *						70	
75				25.2	103.3	8,300 *	32.3	109.5	9,100 *	41.4	116.3	10,700 *	48.8	120.3	12,700 *						75	
80				8.6	85.5	7,500 *	22.0	99.2	8,000 *	33.8	109.5	9,300 *	42.4	115.2	10,900 *	49.5	118.3	13,000 *				80
85										24.2	100.0	8,200 *	35.1	108.7	9,500 *	43.2	113.3	11,100 *				85
90										3.6	77.8	7,500 *	25.9	99.7	8,400 *	36.0	107.0	9,600 *	43.6	110.7	11,200 *	90
95													10.4	83.3	7,500 *	27.1	98.4	8,500 *	36.5	104.4	9,700 *	95
100																13.2	83.8	7,600 *	27.7	96.1	8,500 *	100
105																			14.5	82.3	7,600 *	105

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

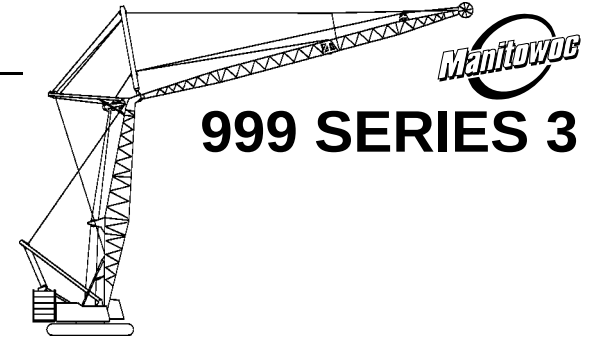
70 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	73.5	138.8	15,000 *																		30	
35	68.7	137.0	15,000 *																		35	
40	63.8	134.6	15,000 *	69.8	136.7	15,000 *															40	
45	58.6	131.8	15,000 *	64.9	134.5	15,000 *															45	
50	53.1	128.2	14,200 *	59.8	131.8	15,000 *	63.5	133.1	15,000 *												50	
55	47.2	123.8	12,100 *	54.3	128.4	14,800 *	58.3	130.2	15,000 *												55	
60	40.5	118.4	10,500 *	48.5	124.2	12,500 *	52.8	126.6	14,100 *	59.3	129.3	15,000 *									60	
65	32.8	111.4	9,200 *	42.0	119.0	10,800 *	46.8	122.2	12,000 *	53.8	125.8	14,500 *									65	
70	22.8	101.4	8,200 *	34.6	112.4	9,400 *	40.1	116.7	10,400 *	47.9	121.6	12,300 *	54.7	124.4	15,000 *						70	
75				25.2	103.3	8,400 *	32.3	109.5	9,100 *	41.4	116.3	10,700 *	48.8	120.3	12,600 *						75	
80				8.6	85.5	7,600 *	22.0	99.2	8,100 *	33.8	109.5	9,300 *	42.4	115.2	10,900 *	49.5	118.3	12,900 *			80	
85										24.2	100.0	8,300 *	35.1	108.7	9,500 *	43.2	113.3	11,100 *			85	
90										3.6	77.8	7,600 *	25.9	99.7	8,400 *	36.0	107.0	9,700 *	43.6	110.7	90	
95																27.1	98.4	8,500 *	36.5	104.4	95	
100																13.2	83.8	7,700 *	27.7	96.1	100	
105																			14.5	82.3	105	

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

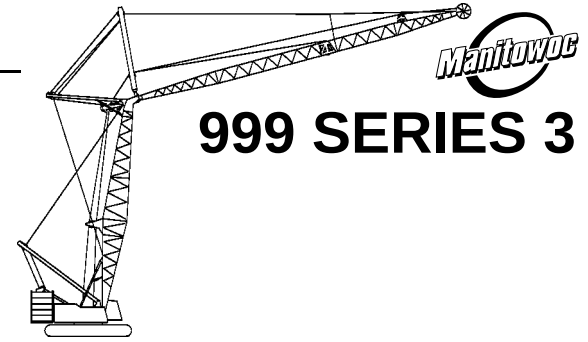
80 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
35	69.1	147.1	15,000 *																		35	
40	64.2	144.8	15,000 *	71.0	147.1	15,000 *															40	
45	59.0	142.0	15,000 *	66.1	145.0	15,000 *															45	
50	53.5	138.5	15,000 *	61.0	142.4	15,000 *	65.2	143.9	15,000 *												50	
55	47.6	134.2	14,100 *	55.7	139.2	15,000 *	60.1	141.2	15,000 *												55	
60	41.0	128.8	12,100 *	50.0	135.2	15,000 *	54.7	137.8	15,000 *	62.0	140.5	15,000 *									60	
65	33.4	121.9	10,600 *	43.7	130.3	12,900 *	48.9	133.7	14,600 *	56.7	137.4	15,000 *									65	
70	23.6	112.2	9,400 *	36.5	124.1	11,200 *	42.5	128.6	12,500 *	51.0	133.6	15,000 *									70	
75				27.8	115.8	9,800 *	35.2	122.1	10,900 *	44.9	128.8	13,200 *	52.9	132.6	15,000 *						75	
80				14.7	102.0	8,700 *	26.0	113.2	9,600 *	37.9	122.9	11,500 *	46.9	128.2	13,900 *						80	
85							10.7	97.0	8,600 *	29.5	115.1	10,000 *	40.2	122.7	12,000 *	48.6	126.6	14,600 *			85	
90										17.8	102.9	8,900 *	32.4	115.6	10,500 *	42.2	121.5	12,500 *			90	
95													22.2	105.4	9,300 *	34.7	114.9	10,900 *	43.6	119.3	12,900 *	95
100																25.4	105.8	9,600 *	36.5	113.1	11,200 *	100
105																9.2	88.5	8,600 *	27.7	104.7	9,800 *	105
110																			14.5	90.9	8,800 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

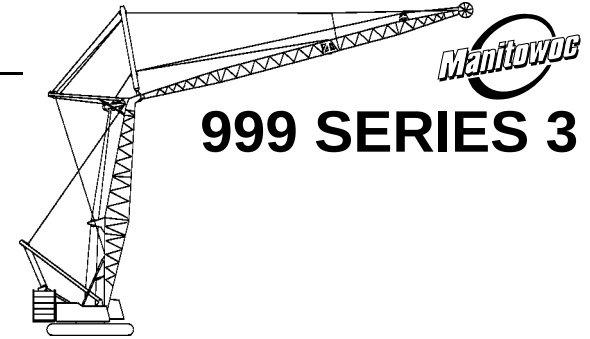
80 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.9	148.9	15,000 *																			30
35	69.1	147.1	15,000 *																			35
40	64.2	144.8	15,000 *	71.0	147.1	15,000 *																40
45	59.0	142.0	15,000 *	66.1	145.0	15,000 *																45
50	53.5	138.5	15,000 *	61.0	142.4	15,000 *	65.2	143.9	15,000 *													50
55	47.6	134.2	15,000 *	55.7	139.2	15,000 *	60.1	141.2	15,000 *													55
60	41.0	128.8	13,300 *	50.0	135.2	15,000 *	54.7	137.8	15,000 *	62.0	140.5	15,000 *										60
65	33.4	121.9	11,600 *	43.7	130.3	14,100 *	48.9	133.7	15,000 *	56.7	137.4	15,000 *										65
70	23.6	112.2	10,200 *	36.5	124.1	12,300 *	42.5	128.6	13,800 *	51.0	133.6	15,000 *										70
75				27.8	115.8	10,800 *	35.2	122.1	12,000 *	44.9	128.8	14,600 *	52.9	132.6	15,000 *							75
80				14.7	102.0	9,500 *	26.0	113.2	10,500 *	37.9	122.9	12,600 *	46.9	128.2	15,000 *							80
85							10.7	97.0	9,400 *	29.5	115.1	11,000 *	40.2	122.7	13,200 *	48.6	126.6	15,000 *				85
90										17.8	102.9	9,700 *	32.4	115.6	11,500 *	42.2	121.5	13,700 *				90
95													22.2	105.4	10,100 *	34.7	114.9	11,900 *	43.6	119.3	14,200 *	95
100																25.4	105.8	10,500 *	36.5	113.1	12,300 *	100
105																9.2	88.5	9,300 *	27.7	104.7	10,800 *	105
110																			14.5	90.9	9,600 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



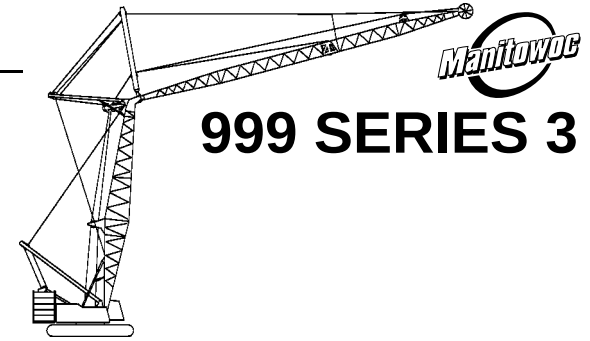
999 SERIES 3

80 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	73.9	148.9	15,000 *																		30	
35	69.1	147.1	15,000 *																		35	
40	64.2	144.8	15,000 *	71.0	147.1	15,000 *															40	
45	59.0	142.0	15,000 *	66.1	145.0	15,000 *															45	
50	53.5	138.5	15,000 *	61.0	142.4	15,000 *	65.2	143.9	15,000 *												50	
55	47.6	134.2	15,000 *	55.7	139.2	15,000 *	60.1	141.2	15,000 *												55	
60	41.0	128.8	13,000 *	50.0	135.2	15,000 *	54.7	137.8	15,000 *	62.0	140.5	15,000 *									60	
65	33.4	121.9	11,400 *	43.7	130.3	13,700 *	48.9	133.7	15,000 *	56.7	137.4	15,000 *									65	
70	23.6	112.2	10,000 *	36.5	124.1	12,000 *	42.5	128.6	13,400 *	51.0	133.6	15,000 *									70	
75				27.8	115.8	10,500 *	35.2	122.1	11,700 *	44.9	128.8	14,100 *	52.9	132.6	15,000 *						75	
80				14.7	102.0	9,400 *	26.0	113.2	10,300 *	37.9	122.9	12,300 *	46.9	128.2	14,800 *						80	
85							10.7	97.0	9,200 *	29.5	115.1	10,800 *	40.2	122.7	12,800 *	48.6	126.6	15,000 *			85	
90										17.8	102.9	9,600 *	32.4	115.6	11,200 *	42.2	121.5	13,300 *			90	
95													22.2	105.4	9,900 *	34.7	114.9	11,600 *	43.6	119.3	13,800 *	95
100																25.4	105.8	10,300 *	36.5	113.1	12,000 *	100
105																9.2	88.5	9,200 *	27.7	104.7	10,500 *	105
110																			14.5	90.9	9,400 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

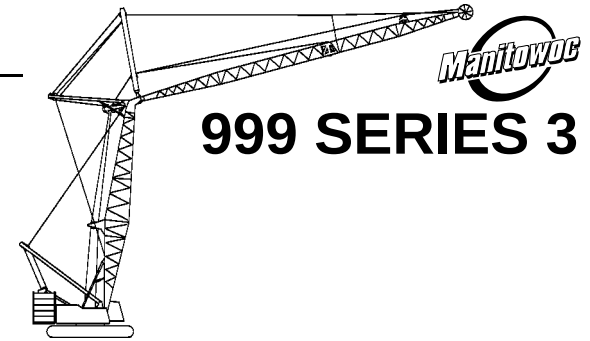
80 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.9	148.9	15,000 *																			30
35	69.1	147.1	15,000 *																			35
40	64.2	144.8	15,000 *	71.0	147.1	15,000 *																40
45	59.0	142.0	15,000 *	66.1	145.0	15,000 *																45
50	53.5	138.5	15,000 *	61.0	142.4	15,000 *	65.2	143.9	15,000 *													50
55	47.6	134.2	13,400 *	55.7	139.2	15,000 *	60.1	141.2	15,000 *													55
60	41.0	128.8	11,500 *	50.0	135.2	14,300 *	54.7	137.8	15,000 *	62.0	140.5	15,000 *										60
65	33.4	121.9	10,000 *	43.7	130.3	12,200 *	48.9	133.7	13,900 *	56.7	137.4	15,000 *										65
70	23.6	112.2	8,800 *	36.5	124.1	10,500 *	42.5	128.6	11,900 *	51.0	133.6	14,700 *										70
75				27.8	115.8	9,200 *	35.2	122.1	10,300 *	44.9	128.8	12,500 *	52.9	132.6	15,000 *							75
80				14.7	102.0	8,200 *	26.0	113.2	9,000 *	37.9	122.9	10,800 *	46.9	128.2	13,200 *							80
85							10.7	97.0	8,100 *	29.5	115.1	9,400 *	40.2	122.7	11,300 *	48.6	126.6	13,800 *				85
90										17.8	102.9	8,400 *	32.4	115.6	9,900 *	42.2	121.5	11,800 *				90
95													22.2	105.4	8,700 *	34.7	114.9	10,200 *	43.6	119.3	12,200 *	95
100																25.4	105.8	9,000 *	36.5	113.1	10,500 *	100
105																9.2	88.5	8,000 *	27.7	104.7	9,200 *	105
110																			14.5	90.9	8,200 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
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999 SERIES 3

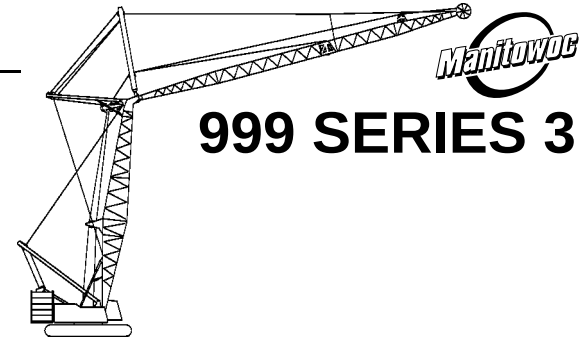
80 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	73.9	148.9	15,000 *																		30	
35	69.1	147.1	15,000 *																		35	
40	64.2	144.8	15,000 *	71.0	147.1	15,000 *															40	
45	59.0	142.0	15,000 *	66.1	145.0	15,000 *															45	
50	53.5	138.5	15,000 *	61.0	142.4	15,000 *	65.2	143.9	15,000 *												50	
55	47.6	134.2	12,700 *	55.7	139.2	15,000 *	60.1	141.2	15,000 *												55	
60	41.0	128.8	10,900 *	50.0	135.2	13,500 *	54.7	137.8	15,000 *	62.0	140.5	15,000 *									60	
65	33.4	121.9	9,500 *	43.7	130.3	11,500 *	48.9	133.7	13,100 *	56.7	137.4	15,000 *									65	
70	23.6	112.2	8,300 *	36.5	124.1	10,000 *	42.5	128.6	11,200 *	51.0	133.6	14,000 *									70	
75				27.8	115.8	8,800 *	35.2	122.1	9,800 *	44.9	128.8	11,900 *	52.9	132.6	14,800 *						75	
80				14.7	102.0	7,800 *	26.0	113.2	8,600 *	37.9	122.9	10,300 *	46.9	128.2	12,500 *						80	
85							10.7	97.0	7,700 *	29.5	115.1	9,000 *	40.2	122.7	10,700 *	48.6	126.6	13,100 *			85	
90										17.8	102.9	7,900 *	32.4	115.6	9,300 *	42.2	121.5	11,200 *			90	
95													22.2	105.4	8,200 *	34.7	114.9	9,700 *	43.6	119.3	11,600 *	95
100																25.4	105.8	8,500 *	36.5	113.1	10,000 *	100
105																9.2	88.5	7,600 *	27.7	104.7	8,800 *	105
110																			14.5	90.9	7,800 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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999 SERIES 3

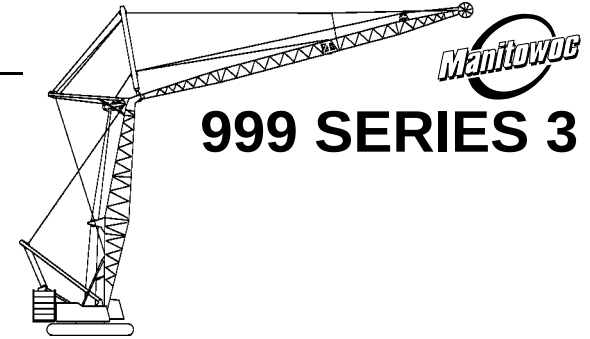
80 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.9	148.9	15,000 *																			30
35	69.1	147.1	15,000 *																			35
40	64.2	144.8	15,000 *	71.0	147.1	15,000 *																40
45	59.0	142.0	15,000 *	66.1	145.0	15,000 *																45
50	53.5	138.5	14,600 *	61.0	142.4	15,000 *	65.2	143.9	15,000 *													50
55	47.6	134.2	12,300 *	55.7	139.2	15,000 *	60.1	141.2	15,000 *													55
60	41.0	128.8	10,600 *	50.0	135.2	13,100 *	54.7	137.8	15,000 *	62.0	140.5	15,000 *										60
65	33.4	121.9	9,200 *	43.7	130.3	11,200 *	48.9	133.7	12,800 *	56.7	137.4	15,000 *										65
70	23.6	112.2	8,200 *	36.5	124.1	9,700 *	42.5	128.6	10,900 *	51.0	133.6	13,600 *										70
75				27.8	115.8	8,600 *	35.2	122.1	9,500 *	44.9	128.8	11,500 *	52.9	132.6	14,300 *							75
80				14.7	102.0	7,600 *	26.0	113.2	8,400 *	37.9	122.9	10,000 *	46.9	128.2	12,100 *							80
85							10.7	97.0	7,500 *	29.5	115.1	8,800 *	40.2	122.7	10,500 *	48.6	126.6	12,700 *				85
90										17.8	102.9	7,800 *	32.4	115.6	9,100 *	42.2	121.5	10,900 *				90
95													22.2	105.4	8,100 *	34.7	114.9	9,500 *	43.6	119.3	11,200 *	95
100																25.4	105.8	8,300 *	36.5	113.1	9,800 *	100
105																9.2	88.5	7,500 *	27.7	104.7	8,600 *	105
110																			14.5	90.9	7,600 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

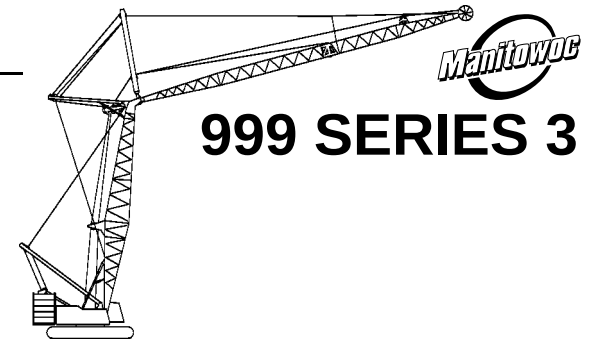
80 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	73.9	148.9	15,000 *																			30
35	69.1	147.1	15,000 *																			35
40	64.2	144.8	15,000 *	71.0	147.1	15,000 *																40
45	59.0	142.0	15,000 *	66.1	145.0	15,000 *																45
50	53.5	138.5	14,400 *	61.0	142.4	15,000 *	65.2	143.9	15,000 *													50
55	47.6	134.2	12,300 *	55.7	139.2	15,000 *	60.1	141.2	15,000 *													55
60	41.0	128.8	10,600 *	50.0	135.2	13,000 *	54.7	137.8	15,000 *	62.0	140.5	15,000 *										60
65	33.4	121.9	9,300 *	43.7	130.3	11,200 *	48.9	133.7	12,700 *	56.7	137.4	15,000 *										65
70	23.6	112.2	8,300 *	36.5	124.1	9,800 *	42.5	128.6	10,900 *	51.0	133.6	13,400 *										70
75				27.8	115.8	8,600 *	35.2	122.1	9,600 *	44.9	128.8	11,500 *	52.9	132.6	14,200 *							75
80				14.7	102.0	7,800 *	26.0	113.2	8,500 *	37.9	122.9	10,000 *	46.9	128.2	12,100 *							80
85							10.7	97.0	7,700 *	29.5	115.1	8,800 *	40.2	122.7	10,500 *	48.6	126.6	12,600 *				85
90										17.8	102.9	7,900 *	32.4	115.6	9,200 *	42.2	121.5	10,900 *				90
95													22.2	105.4	8,200 *	34.7	114.9	9,500 *	43.6	119.3	11,200 *	95
100																25.4	105.8	8,400 *	36.5	113.1	9,800 *	100
105																9.2	88.5	7,600 *	27.7	104.7	8,600 *	105
110																			14.5	90.9	7,800 *	110

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

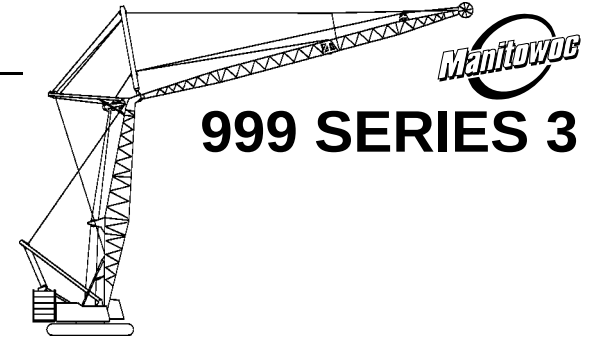
90 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	69.4	157.2	15,000 *																			35
40	64.5	155.0	15,000 *																			40
45	59.4	152.2	15,000 *	67.3	155.5	15,000 *																45
50	53.9	148.7	15,000 *	62.3	153.0	15,000 *	66.9	154.5	15,000 *													50
55	48.0	144.5	14,300 *	57.0	149.9	15,000 *	61.9	152.0	15,000 *													55
60	41.5	139.2	12,300 *	51.4	146.2	15,000 *	56.6	148.9	15,000 *													60
65	34.0	132.5	10,700 *	45.3	141.5	13,300 *	51.0	145.1	15,000 *	59.4	148.7	15,000 *										65
70	24.4	123.1	9,400 *	38.4	135.7	11,600 *	44.8	140.4	13,200 *	54.0	145.3	15,000 *										70
75	5.2	102.4	8,600 *	30.2	128.0	10,100 *	37.9	134.4	11,500 *	48.1	141.1	14,400 *										75
80				18.8	116.4	9,000 *	29.5	126.6	10,000 *	41.6	135.8	12,400 *	56.7	144.5	15,000 *							80
85							17.7	114.4	8,900 *	34.1	129.1	10,800 *	44.9	136.0	13,300 *							85
90										24.6	119.7	9,500 *	37.9	130.1	11,500 *	47.6	135.0	14,200 *				90
95										6.1	99.9	8,600 *	29.6	122.2	10,100 *	41.1	129.6	12,200 *				95
100													17.8	110.1	8,900 *	33.5	122.7	10,700 *	43.6	128.0	13,000 *	100
105																23.7	113.1	9,400 *	36.5	121.7	11,200 *	105
110																			27.7	113.4	9,900 *	110
115																			14.5	99.6	8,800 *	115

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

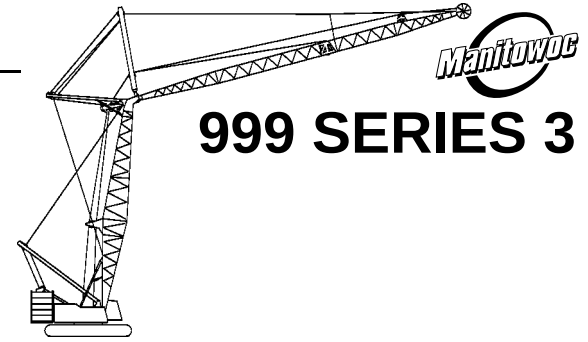
90 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.2	159.0	15,000 *																		30	
35	69.4	157.2	15,000 *																		35	
40	64.5	155.0	15,000 *																		40	
45	59.4	152.2	15,000 *	67.3	155.5	15,000 *															45	
50	53.9	148.7	15,000 *	62.3	153.0	15,000 *	66.9	154.5	15,000 *												50	
55	48.0	144.5	15,000 *	57.0	149.9	15,000 *	61.9	152.0	15,000 *												55	
60	41.5	139.2	13,500 *	51.4	146.2	15,000 *	56.6	148.9	15,000 *												60	
65	34.0	132.5	11,800 *	45.3	141.5	14,700 *	51.0	145.1	15,000 *	59.4	148.7	15,000 *									65	
70	24.4	123.1	10,300 *	38.4	135.7	12,700 *	44.8	140.4	14,600 *	54.0	145.3	15,000 *									70	
75	5.2	102.4	9,300 *	30.2	128.0	11,100 *	37.9	134.4	12,600 *	48.1	141.1	15,000 *	56.7	144.5	15,000 *						75	
80				18.8	116.4	9,800 *	29.5	126.6	11,000 *	41.6	135.8	13,600 *	51.0	140.7	15,000 *						80	
85							17.7	114.4	9,700 *	34.1	129.1	11,800 *	44.9	136.0	14,600 *						85	
90										24.6	119.7	10,400 *	37.9	130.1	12,700 *	47.6	135.0	15,000 *			90	
95										6.1	99.9	9,300 *	29.6	122.2	11,100 *	41.1	129.6	13,500 *			95	
100													17.8	110.1	9,800 *	33.5	122.7	11,700 *	43.6	128.0	14,300 *	100
105																23.7	113.1	10,300 *	36.5	121.7	12,400 *	105
110																			27.7	113.4	10,800 *	110
115																			14.5	99.6	9,600 *	115

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



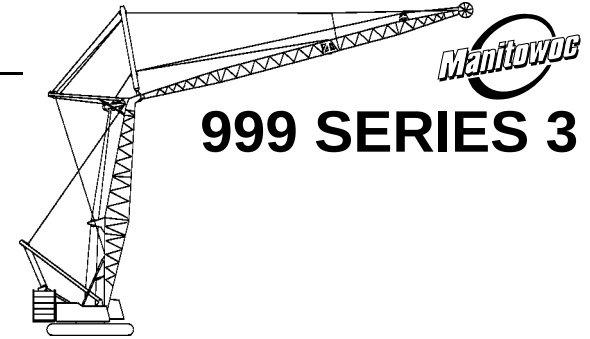
90 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	74.2	159.0	15,000 *																			30
35	69.4	157.2	15,000 *																			35
40	64.5	155.0	15,000 *																			40
45	59.4	152.2	15,000 *	67.3	155.5	15,000 *																45
50	53.9	148.7	15,000 *	62.3	153.0	15,000 *	66.9	154.5	15,000 *													50
55	48.0	144.5	15,000 *	57.0	149.9	15,000 *	61.9	152.0	15,000 *													55
60	41.5	139.2	13,100 *	51.4	146.2	15,000 *	56.6	148.9	15,000 *													60
65	34.0	132.5	11,500 *	45.3	141.5	14,300 *	51.0	145.1	15,000 *	59.4	148.7	15,000 *										65
70	24.4	123.1	10,100 *	38.4	135.7	12,400 *	44.8	140.4	14,100 *	54.0	145.3	15,000 *										70
75	5.2	102.4	9,100 *	30.2	128.0	10,900 *	37.9	134.4	12,300 *	48.1	141.1	15,000 *	56.7	144.5	15,000 *							75
80				18.8	116.4	9,700 *	29.5	126.6	10,800 *	41.6	135.8	13,200 *	51.0	140.7	15,000 *							80
85							17.7	114.4	9,600 *	34.1	129.1	11,500 *	44.9	136.0	14,200 *							85
90										24.6	119.7	10,200 *	37.9	130.1	12,300 *	47.6	135.0	15,000 *				90
95										6.1	99.9	9,200 *	29.6	122.2	10,800 *	41.1	129.6	13,100 *				95
100													17.8	110.1	9,600 *	33.5	122.7	11,400 *	43.6	128.0	13,800 *	100
105																23.7	113.1	10,100 *	36.5	121.7	12,000 *	105
110																			27.7	113.4	10,600 *	110
115																			14.5	99.6	9,400 *	115

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

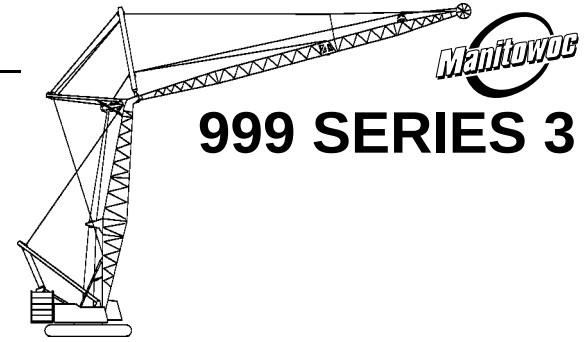
90 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.2	159.0	15,000 *																		30	
35	69.4	157.2	15,000 *																		35	
40	64.5	155.0	15,000 *																		40	
45	59.4	152.2	15,000 *	67.3	155.5	15,000 *															45	
50	53.9	148.7	15,000 *	62.3	153.0	15,000 *	66.9	154.5	15,000 *												50	
55	48.0	144.5	13,600 *	57.0	149.9	15,000 *	61.9	152.0	15,000 *												55	
60	41.5	139.2	11,600 *	51.4	146.2	14,900 *	56.6	148.9	15,000 *												60	
65	34.0	132.5	10,100 *	45.3	141.5	12,700 *	51.0	145.1	14,700 *	59.4	148.7	15,000 *									65	
70	24.4	123.1	8,900 *	38.4	135.7	10,900 *	44.8	140.4	12,500 *	54.0	145.3	15,000 *									70	
75	5.2	102.4	8,000 *	30.2	128.0	9,500 *	37.9	134.4	10,800 *	48.1	141.1	13,600 *	56.7	144.5	15,000 *						75	
80				18.8	116.4	8,400 *	29.5	126.6	9,500 *	41.6	135.8	11,700 *	51.0	140.7	14,800 *						80	
85							17.7	114.4	8,400 *	34.1	129.1	10,100 *	44.9	136.0	12,600 *						85	
90										24.6	119.7	8,900 *	37.9	130.1	10,900 *	47.6	135.0	13,500 *			90	
95										6.1	99.9	8,000 *	29.6	122.2	9,500 *	41.1	129.6	11,600 *			95	
100													17.8	110.1	8,400 *	33.5	122.7	10,100 *	43.6	128.0	12,200 *	100
105																23.7	113.1	8,800 *	36.5	121.7	10,600 *	105
110																			27.7	113.4	9,300 *	110
115																			14.5	99.6	8,200 *	115

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

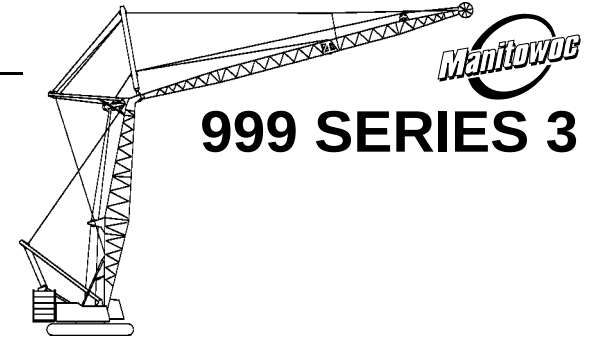
90 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	74.2	159.0	15,000 *																			30
35	69.4	157.2	15,000 *																			35
40	64.5	155.0	15,000 *																			40
45	59.4	152.2	15,000 *	67.3	155.5	15,000 *																45
50	53.9	148.7	15,000 *	62.3	153.0	15,000 *	66.9	154.5	15,000 *													50
55	48.0	144.5	12,900 *	57.0	149.9	15,000 *	61.9	152.0	15,000 *													55
60	41.5	139.2	11,000 *	51.4	146.2	14,100 *	56.6	148.9	15,000 *													60
65	34.0	132.5	9,600 *	45.3	141.5	12,000 *	51.0	145.1	14,000 *	59.4	148.7	15,000 *										65
70	24.4	123.1	8,400 *	38.4	135.7	10,400 *	44.8	140.4	11,900 *	54.0	145.3	15,000 *										70
75	5.2	102.4	7,600 *	30.2	128.0	9,100 *	37.9	134.4	10,300 *	48.1	141.1	12,900 *	56.7	144.5	15,000 *							75
80				18.8	116.4	8,000 *	29.5	126.6	9,000 *	41.6	135.8	11,100 *	51.0	140.7	14,000 *							80
85							17.7	114.4	7,900 *	34.1	129.1	9,600 *	44.9	136.0	11,900 *							85
90										24.6	119.7	8,500 *	37.9	130.1	10,300 *	47.6	135.0	12,800 *				90
95										6.1	99.9	7,600 *	29.6	122.2	9,000 *	41.1	129.6	11,000 *				95
100													17.8	110.1	8,000 *	33.5	122.7	9,500 *	43.6	128.0	11,600 *	100
105																23.7	113.1	8,400 *	36.5	121.7	10,000 *	105
110																			27.7	113.4	8,800 *	110
115																			14.5	99.6	7,800 *	115

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

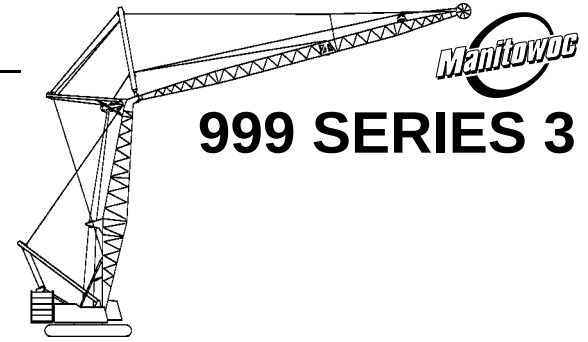


90 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.2	159.0	15,000 *																		30	
35	69.4	157.2	15,000 *																		35	
40	64.5	155.0	15,000 *																		40	
45	59.4	152.2	15,000 *	67.3	155.5	15,000 *															45	
50	53.9	148.7	14,800 *	62.3	153.0	15,000 *	66.9	154.5	15,000 *												50	
55	48.0	144.5	12,500 *	57.0	149.9	15,000 *	61.9	152.0	15,000 *												55	
60	41.5	139.2	10,700 *	51.4	146.2	13,700 *	56.6	148.9	15,000 *												60	
65	34.0	132.5	9,400 *	45.3	141.5	11,700 *	51.0	145.1	13,600 *	59.4	148.7	15,000 *									65	
70	24.4	123.1	8,300 *	38.4	135.7	10,100 *	44.8	140.4	11,600 *	54.0	145.3	14,900 *									70	
75	5.2	102.4	7,500 *	30.2	128.0	8,800 *	37.9	134.4	10,000 *	48.1	141.1	12,600 *	56.7	144.5	15,000 *						75	
80				18.8	116.4	7,900 *	29.5	126.6	8,800 *	41.6	135.8	10,800 *	51.0	140.7	13,600 *						80	
85							17.7	114.4	7,800 *	34.1	129.1	9,400 *	44.9	136.0	11,600 *						85	
90										24.6	119.7	8,300 *	37.9	130.1	10,000 *	47.6	135.0	12,400 *			90	
95										6.1	99.9	7,500 *	29.6	122.2	8,800 *	41.1	129.6	10,700 *			95	
100													17.8	110.1	7,800 *	33.5	122.7	9,300 *	43.6	128.0	11,300 *	100
105																23.7	113.1	8,200 *	36.5	121.7	9,800 *	105
110																			27.7	113.4	8,600 *	110
115																			14.5	99.6	7,700 *	115

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

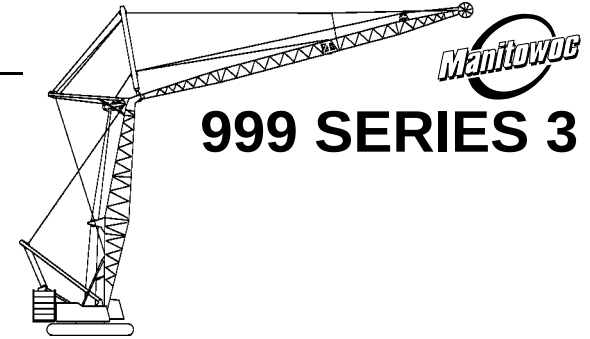
90 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.2	159.0	15,000 *																		30	
35	69.4	157.2	15,000 *																		35	
40	64.5	155.0	15,000 *																		40	
45	59.4	152.2	15,000 *	67.3	155.5	15,000 *															45	
50	53.9	148.7	14,700 *	62.3	153.0	15,000 *	66.9	154.5	15,000 *												50	
55	48.0	144.5	12,400 *	57.0	149.9	15,000 *	61.9	152.0	15,000 *												55	
60	41.5	139.2	10,700 *	51.4	146.2	13,600 *	56.6	148.9	15,000 *												60	
65	34.0	132.5	9,400 *	45.3	141.5	11,600 *	51.0	145.1	13,500 *	59.4	148.7	15,000 *									65	
70	24.4	123.1	8,300 *	38.4	135.7	10,100 *	44.8	140.4	11,500 *	54.0	145.3	14,700 *									70	
75	5.2	102.4	7,600 *	30.2	128.0	8,900 *	37.9	134.4	10,000 *	48.1	141.1	12,500 *	56.7	144.5	15,000 *						75	
80				18.8	116.4	8,000 *	29.5	126.6	8,800 *	41.6	135.8	10,800 *	51.0	140.7	13,500 *						80	
85							17.7	114.4	7,900 *	34.1	129.1	9,400 *	44.9	136.0	11,600 *						85	
90										24.6	119.7	8,400 *	37.9	130.1	10,000 *	47.6	135.0	12,400 *			90	
95										6.1	99.9	7,600 *	29.6	122.2	8,900 *	41.1	129.6	10,700 *			95	
100													17.8	110.1	7,900 *	33.5	122.7	9,300 *	43.6	128.0	11,300 *	100
105																23.7	113.1	8,300 *	36.5	121.7	9,800 *	105
110																			27.7	113.4	8,700 *	110
115																			14.5	99.6	7,800 *	115

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

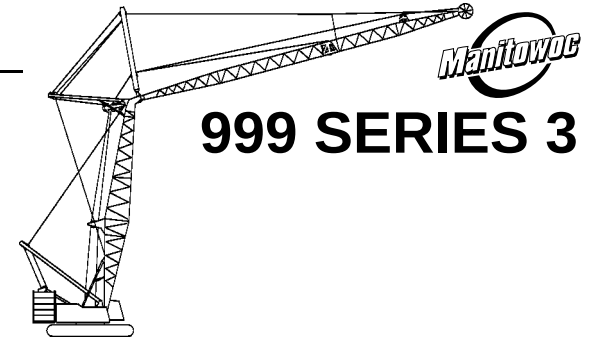
100 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	69.8	167.4	15,000 *																			35
40	64.9	165.2	15,000 *																			40
45	59.7	162.4	15,000 *	68.5	166.0	15,000 *																45
50	54.3	159.0	15,000 *	63.5	163.6	15,000 *																50
55	48.5	154.8	14,500 *	58.3	160.7	15,000 *	63.7	162.8	15,000 *													55
60	42.0	149.6	12,400 *	52.8	157.1	15,000 *	58.5	159.9	15,000 *													60
65	34.6	143.0	10,800 *	46.8	152.7	13,900 *	53.0	156.3	15,000 *	62.1	159.9	15,000 *										65
70	25.2	133.9	9,500 *	40.2	147.2	12,000 *	47.0	152.0	14,000 *	56.9	156.8	15,000 *										70
75	8.4	115.9	8,600 *	32.3	140.1	10,500 *	40.4	146.5	12,100 *	51.2	153.0	15,000 *										75
80				22.1	129.8	9,300 *	32.6	139.4	10,500 *	45.1	148.3	13,400 *	55.0	152.8	15,000 *							80
85							22.5	129.3	9,300 *	38.2	142.5	11,600 *	49.2	148.7	14,900 *							85
90										29.9	134.7	10,100 *	42.8	143.6	12,700 *	52.7	147.7	15,000 *				90
95										18.3	122.8	9,000 *	35.5	137.2	11,100 *	46.7	143.3	14,000 *				95
100													26.4	128.5	9,700 *	40.0	137.7	12,000 *				100
105													11.8	113.0	8,700 *	32.1	130.6	10,500 *	43.6	136.6	13,000 *	105
110																21.8	120.2	9,300 *	36.5	130.4	11,300 *	110
115																			27.7	122.1	9,900 *	115
120																			14.5	108.2	8,800 *	120

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



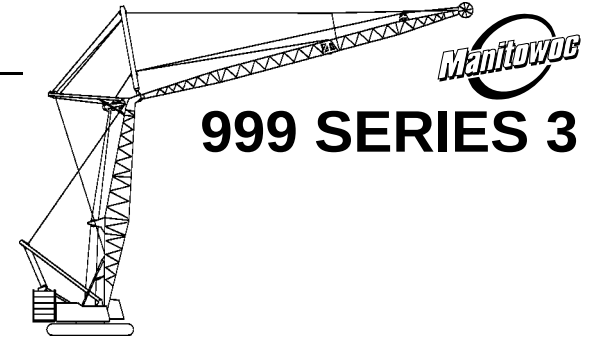
100 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.5	169.1	15,000 *																		30	
35	69.8	167.4	15,000 *																		35	
40	64.9	165.2	15,000 *																		40	
45	59.7	162.4	15,000 *	68.5	166.0	15,000 *															45	
50	54.3	159.0	15,000 *	63.5	163.6	15,000 *															50	
55	48.5	154.8	15,000 *	58.3	160.7	15,000 *	63.7	162.8	15,000 *												55	
60	42.0	149.6	13,700 *	52.8	157.1	15,000 *	58.5	159.9	15,000 *												60	
65	34.6	143.0	11,900 *	46.8	152.7	15,000 *	53.0	156.3	15,000 *	62.1	159.9	15,000 *									65	
70	25.2	133.9	10,500 *	40.2	147.2	13,200 *	47.0	152.0	15,000 *	56.9	156.8	15,000 *									70	
75	8.4	115.9	9,300 *	32.3	140.1	11,500 *	40.4	146.5	13,300 *	51.2	153.0	15,000 *									75	
80				22.1	129.8	10,100 *	32.6	139.4	11,600 *	45.1	148.3	14,700 *	55.0	152.8	15,000 *						80	
85							22.5	129.3	10,200 *	38.2	142.5	12,700 *	49.2	148.7	15,000 *						85	
90										29.9	134.7	11,100 *	42.8	143.6	14,000 *	52.7	147.7	15,000 *			90	
95										18.3	122.8	9,800 *	35.5	137.2	12,200 *	46.7	143.3	15,000 *			95	
100													26.4	128.5	10,700 *	40.0	137.7	13,200 *			100	
105													11.8	113.0	9,500 *	32.1	130.6	11,500 *	43.6	136.6	14,300 *	105
110																21.8	120.2	10,200 *	36.5	130.4	12,400 *	110
115																			27.7	122.1	10,900 *	115
120																			14.5	108.2	9,600 *	120

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



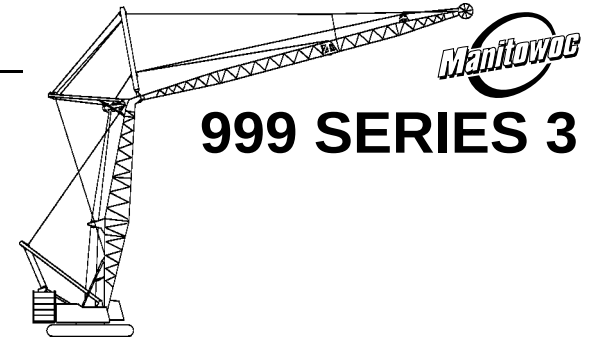
999 SERIES 3

100 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.5	169.1	15,000 *																		30	
35	69.8	167.4	15,000 *																		35	
40	64.9	165.2	15,000 *																		40	
45	59.7	162.4	15,000 *	68.5	166.0	15,000 *															45	
50	54.3	159.0	15,000 *	63.5	163.6	15,000 *															50	
55	48.5	154.8	15,000 *	58.3	160.7	15,000 *	63.7	162.8	15,000 *												55	
60	42.0	149.6	13,300 *	52.8	157.1	15,000 *	58.5	159.9	15,000 *												60	
65	34.6	143.0	11,600 *	46.8	152.7	14,900 *	53.0	156.3	15,000 *	62.1	159.9	15,000 *									65	
70	25.2	133.9	10,200 *	40.2	147.2	12,800 *	47.0	152.0	15,000 *	56.9	156.8	15,000 *									70	
75	8.4	115.9	9,200 *	32.3	140.1	11,200 *	40.4	146.5	12,900 *	51.2	153.0	15,000 *									75	
80				22.1	129.8	9,900 *	32.6	139.4	11,300 *	45.1	148.3	14,300 *	55.0	152.8	15,000 *						80	
85							22.5	129.3	10,000 *	38.2	142.5	12,400 *	49.2	148.7	15,000 *						85	
90										29.9	134.7	10,900 *	42.8	143.6	13,600 *	52.7	147.7	15,000 *			90	
95										18.3	122.8	9,700 *	35.5	137.2	11,900 *	46.7	143.3	14,900 *			95	
100													26.4	128.5	10,400 *	40.0	137.7	12,900 *			100	
105													11.8	113.0	9,300 *	32.1	130.6	11,300 *	43.6	136.6	13,900 *	105
110																21.8	120.2	10,000 *	36.5	130.4	12,100 *	110
115																			27.7	122.1	10,600 *	115
120																			14.5	108.2	9,500 *	120

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

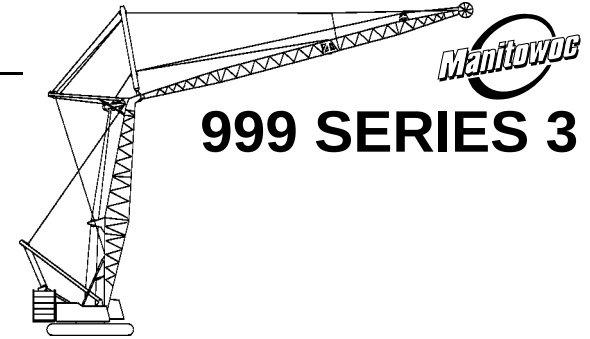
100 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.5	169.1	15,000 *																		30	
35	69.8	167.4	15,000 *																		35	
40	64.9	165.2	15,000 *																		40	
45	59.7	162.4	15,000 *	68.5	166.0	15,000 *															45	
50	54.3	159.0	15,000 *	63.5	163.6	15,000 *															50	
55	48.5	154.8	13,700 *	58.3	160.7	15,000 *	63.7	162.8	15,000 *												55	
60	42.0	149.6	11,800 *	52.8	157.1	15,000 *	58.5	159.9	15,000 *												60	
65	34.6	143.0	10,200 *	46.8	152.7	13,200 *	53.0	156.3	15,000 *	62.1	159.9	15,000 *									65	
70	25.2	133.9	9,000 *	40.2	147.2	11,300 *	47.0	152.0	13,300 *	56.9	156.8	15,000 *									70	
75	8.4	115.9	8,000 *	32.3	140.1	9,900 *	40.4	146.5	11,400 *	51.2	153.0	15,000 *									75	
80				22.1	129.8	8,700 *	32.6	139.4	9,900 *	45.1	148.3	12,700 *	55.0	152.8	15,000 *						80	
85										38.2	142.5	10,900 *	49.2	148.7	14,100 *						85	
90										22.5	129.3	8,700 *									90	
95										29.9	134.7	9,500 *	42.8	143.6	12,000 *	52.7	147.7	15,000 *			95	
100										18.3	122.8	8,400 *	35.5	137.2	10,400 *	46.7	143.3	13,200 *			95	
													26.4	128.5	9,100 *	40.0	137.7	11,400 *			100	
105													11.8	113.0	8,100 *	32.1	130.6	9,900 *	43.6	136.6	12,300 *	105
110																21.8	120.2	8,700 *	36.5	130.4	10,600 *	110
115																			27.7	122.1	9,300 *	115
120																			14.5	108.2	8,300 *	120

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

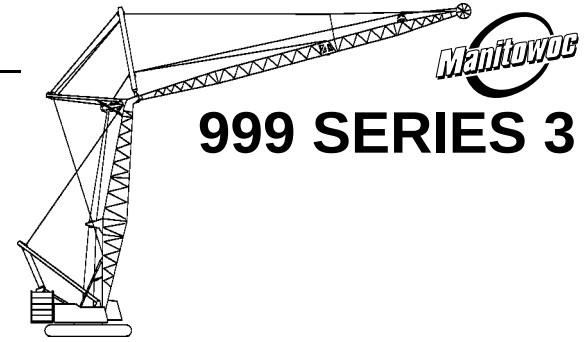
100 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.5	169.1	15,000 *																		30	
35	69.8	167.4	15,000 *																		35	
40	64.9	165.2	15,000 *																		40	
45	59.7	162.4	15,000 *	68.5	166.0	15,000 *															45	
50	54.3	159.0	15,000 *	63.5	163.6	15,000 *															50	
55	48.5	154.8	13,000 *	58.3	160.7	15,000 *	63.7	162.8	15,000 *												55	
60	42.0	149.6	11,200 *	52.8	157.1	14,800 *	58.5	159.9	15,000 *												60	
65	34.6	143.0	9,700 *	46.8	152.7	12,500 *	53.0	156.3	14,900 *	62.1	159.9	15,000 *									65	
70	25.2	133.9	8,500 *	40.2	147.2	10,800 *	47.0	152.0	12,600 *	56.9	156.8	15,000 *									70	
75	8.4	115.9	7,600 *	32.3	140.1	9,400 *	40.4	146.5	10,800 *	51.2	153.0	14,200 *									75	
80				22.1	129.8	8,300 *	32.6	139.4	9,400 *	45.1	148.3	12,000 *	55.0	152.8	15,000 *						80	
85							22.5	129.3	8,300 *	38.2	142.5	10,400 *	49.2	148.7	13,400 *						85	
90										29.9	134.7	9,100 *	42.8	143.6	11,400 *	52.7	147.7	14,800 *			90	
95										18.3	122.8	8,000 *	35.5	137.2	9,900 *	46.7	143.3	12,500 *			95	
100													26.4	128.5	8,700 *	40.0	137.7	10,800 *			100	
105													11.8	113.0	7,700 *	32.1	130.6	9,400 *	43.6	136.6	11,700 *	105
110																21.8	120.2	8,300 *	36.5	130.4	10,100 *	110
115																			27.7	122.1	8,800 *	115
120																			14.5	108.2	7,800 *	120

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



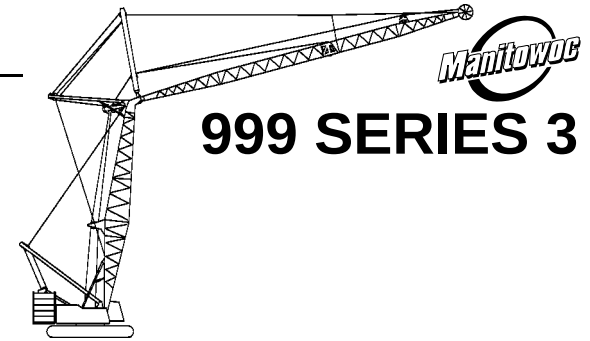
100 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.5	169.1	15,000 *																		30	
35	69.8	167.4	15,000 *																		35	
40	64.9	165.2	15,000 *																		40	
45	59.7	162.4	15,000 *	68.5	166.0	15,000 *															45	
50	54.3	159.0	15,000 *	63.5	163.6	15,000 *															50	
55	48.5	154.8	12,700 *	58.3	160.7	15,000 *	63.7	162.8	15,000 *												55	
60	42.0	149.6	10,900 *	52.8	157.1	14,400 *	58.5	159.9	15,000 *												60	
65	34.6	143.0	9,500 *	46.8	152.7	12,200 *	53.0	156.3	14,500 *	62.1	159.9	15,000 *									65	
70	25.2	133.9	8,300 *	40.2	147.2	10,500 *	47.0	152.0	12,200 *	56.9	156.8	15,000 *									70	
75	8.4	115.9	7,500 *	32.3	140.1	9,200 *	40.4	146.5	10,500 *	51.2	153.0	13,800 *									75	
80				22.1	129.8	8,100 *	32.6	139.4	9,200 *	45.1	148.3	11,700 *	55.0	152.8	15,000 *						80	
85							22.5	129.3	8,100 *	38.2	142.5	10,100 *	49.2	148.7	13,000 *						85	
90										29.9	134.7	8,900 *	42.8	143.6	11,100 *	52.7	147.7	14,400 *			90	
95										18.3	122.8	7,900 *	35.5	137.2	9,700 *	46.7	143.3	12,200 *			95	
100													26.4	128.5	8,500 *	40.0	137.7	10,500 *			100	
105													11.8	113.0	7,600 *	32.1	130.6	9,200 *	43.6	136.6	11,400 *	105
110																21.8	120.2	8,100 *	36.5	130.4	9,800 *	110
115																			27.7	122.1	8,600 *	115
120																			14.5	108.2	7,700 *	120

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



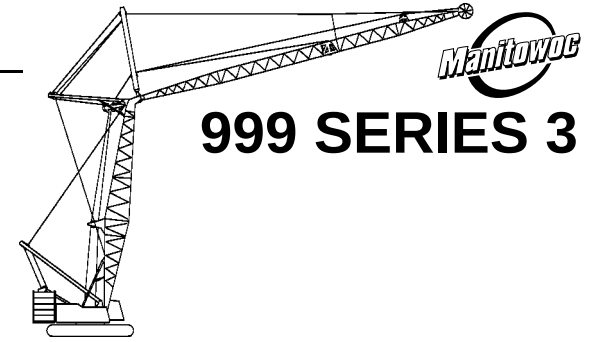
999 SERIES 3

100 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.5	169.1	15,000 *																		30	
35	69.8	167.4	15,000 *																		35	
40	64.9	165.2	15,000 *																		40	
45	59.7	162.4	15,000 *	68.5	166.0	15,000 *															45	
50	54.3	159.0	14,900 *	63.5	163.6	15,000 *															50	
55	48.5	154.8	12,600 *	58.3	160.7	15,000 *	63.7	162.8	15,000 *												55	
60	42.0	149.6	10,900 *	52.8	157.1	14,200 *	58.5	159.9	15,000 *												60	
65	34.6	143.0	9,500 *	46.8	152.7	12,100 *	53.0	156.3	14,300 *	62.1	159.9	15,000 *									65	
70	25.2	133.9	8,400 *	40.2	147.2	10,500 *	47.0	152.0	12,200 *	56.9	156.8	15,000 *									70	
75	8.4	115.9	7,600 *	32.3	140.1	9,200 *	40.4	146.5	10,500 *	51.2	153.0	13,600 *									75	
80				22.1	129.8	8,200 *	32.6	139.4	9,200 *	45.1	148.3	11,700 *	55.0	152.8	15,000 *						80	
85							22.5	129.3	8,200 *	38.2	142.5	10,100 *	49.2	148.7	12,900 *						85	
90										29.9	134.7	8,900 *	42.8	143.6	11,100 *	52.7	147.7	14,300 *			90	
95										18.3	122.8	8,000 *	35.5	137.2	9,700 *	46.7	143.3	12,100 *			95	
100													26.4	128.5	8,600 *	40.0	137.7	10,500 *			100	
105													11.8	113.0	7,700 *	32.1	130.6	9,200 *	43.6	136.6	11,300 *	105
110																21.8	120.2	8,200 *	36.5	130.4	9,900 *	110
115																			27.7	122.1	8,700 *	115
120																			14.5	108.2	7,800 *	120

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

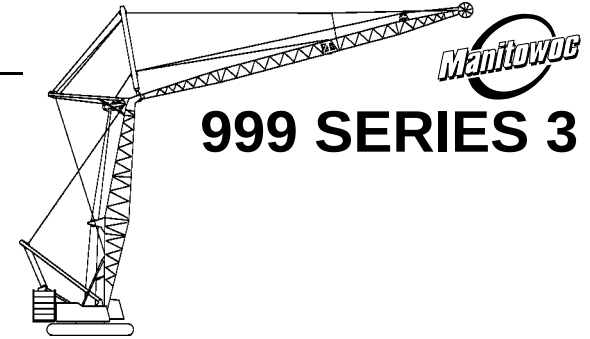
110 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	70.1	177.5	15,000 *																			35
40	65.2	175.3	15,000 *																			40
45	60.1	172.6	15,000 *	69.7	176.4	15,000 *																45
50	54.7	169.2	15,000 *	64.8	174.2	15,000 *																50
55	48.9	165.1	14,700 *	59.6	171.4	15,000 *	65.4	173.5	15,000 *													55
60	42.5	160.0	12,600 *	54.2	168.0	15,000 *	60.3	170.8	15,000 *													60
65	35.1	153.5	10,900 *	48.3	163.8	14,500 *	55.0	167.5	15,000 *													65
70	26.0	144.6	9,600 *	41.9	158.6	12,500 *	49.2	163.4	14,900 *	59.6	168.1	15,000 *										70
75	10.6	128.3	8,600 *	34.4	151.9	10,800 *	42.8	158.4	12,700 *	54.2	164.7	15,000 *										75
80				25.0	142.7	9,500 *	35.5	152.0	11,100 *	48.3	160.6	14,600 *										80
85				7.7	124.2	8,600 *	26.4	143.2	9,700 *	41.9	155.4	12,500 *	53.2	161.0	15,000 *							85
90							11.8	127.7	8,700 *	34.4	148.7	10,900 *	47.2	156.6	14,200 *							90
95										25.0	139.5	9,600 *	40.6	151.2	12,200 *	51.8	156.1	15,000 *				95
100										7.7	120.9	8,600 *	32.9	144.2	10,700 *	45.7	151.6	13,700 *				100
105													22.9	134.2	9,400 *	38.9	145.8	11,800 *				105
110																30.8	138.3	10,300 *	43.6	145.3	13,100 *	110
115																19.7	127.1	9,200 *	36.5	139.1	11,300 *	115
120																			27.7	130.7	10,000 *	120
125																			14.5	116.9	8,800 *	125

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



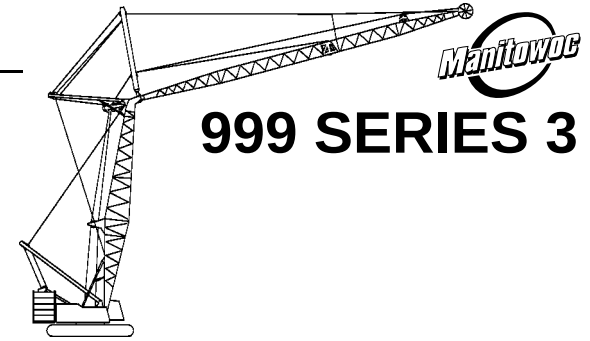
999 SERIES 3

110 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds			
30	74.8	179.2	15,000 *	69.7	176.4	15,000 *																					
35	70.1	177.5	15,000 *																								
40	65.2	175.3	15,000 *																								
45	60.1	172.6	15,000 *																								
50	54.7	169.2	15,000 *																								
55	48.9	165.1	15,000 *	59.6	171.4	15,000 *	65.4	173.5	15,000 *																		
60	42.5	160.0	13,800 *	54.2	168.0	15,000 *	60.3	170.8	15,000 *																		
65	35.1	153.5	12,000 *	48.3	163.8	15,000 *	55.0	167.5	15,000 *																		
70	26.0	144.6	10,600 *	41.9	158.6	13,700 *	49.2	163.4	15,000 *													59.6	168.1	15,000 *			
75	10.6	128.3	9,400 *	34.4	151.9	11,900 *	42.8	158.4	14,000 *													54.2	164.7	15,000 *			
80				25.0	142.7	10,500 *	35.5	152.0	12,200 *	48.3	160.6	15,000 *	53.2	161.0	15,000 *												
85				7.7	124.2	9,300 *	26.4	143.2	10,700 *	41.9	155.4	13,800 *										47.2	156.6	15,000 *			
90							11.8	127.7	9,500 *	34.4	148.7	12,000 *										51.8	156.1	15,000 *			
95										25.0	139.5	10,500 *										40.6	151.2	13,500 *	45.7	151.6	15,000 *
100										7.7	120.9	9,400 *										32.9	144.2	11,700 *			
105													22.9	134.2	10,300 *	38.9	145.8	13,000 *	43.6	145.3	14,400 *	105					
110																30.8	138.3	11,400 *	36.5	139.1	12,500 *	110					
115																19.7	127.1	10,000 *	27.7	130.7	10,900 *	115					
120																			14.5	116.9	9,700 *	120					
125																						125					

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

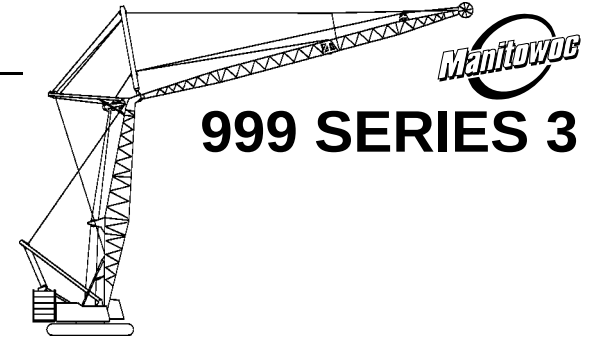
110 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.8	179.2	15,000 *																		30	
35	70.1	177.5	15,000 *																		35	
40	65.2	175.3	15,000 *																		40	
45	60.1	172.6	15,000 *	69.7	176.4	15,000 *															45	
50	54.7	169.2	15,000 *	64.8	174.2	15,000 *															50	
55	48.9	165.1	15,000 *	59.6	171.4	15,000 *	65.4	173.5	15,000 *												55	
60	42.5	160.0	13,500 *	54.2	168.0	15,000 *	60.3	170.8	15,000 *												60	
65	35.1	153.5	11,700 *	48.3	163.8	15,000 *	55.0	167.5	15,000 *												65	
70	26.0	144.6	10,400 *	41.9	158.6	13,300 *	49.2	163.4	15,000 *	59.6	168.1	15,000 *									70	
75	10.6	128.3	9,300 *	34.4	151.9	11,600 *	42.8	158.4	13,600 *	54.2	164.7	15,000 *									75	
80				25.0	142.7	10,300 *	35.5	152.0	11,900 *	48.3	160.6	15,000 *									80	
85				7.7	124.2	9,200 *	26.4	143.2	10,400 *	41.9	155.4	13,400 *	53.2	161.0	15,000 *						85	
90							11.8	127.7	9,300 *	34.4	148.7	11,700 *	47.2	156.6	15,000 *						90	
95										25.0	139.5	10,300 *	40.6	151.2	13,100 *	51.8	156.1	15,000 *			95	
100										7.7	120.9	9,200 *	32.9	144.2	11,400 *	45.7	151.6	14,600 *			100	
105													22.9	134.2	10,100 *	38.9	145.8	12,700 *			105	
110																30.8	138.3	11,100 *	43.6	145.3	14,000 *	110
115																19.7	127.1	9,800 *	36.5	139.1	12,200 *	115
120																			27.7	130.7	10,700 *	120
125																			14.5	116.9	9,500 *	125

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



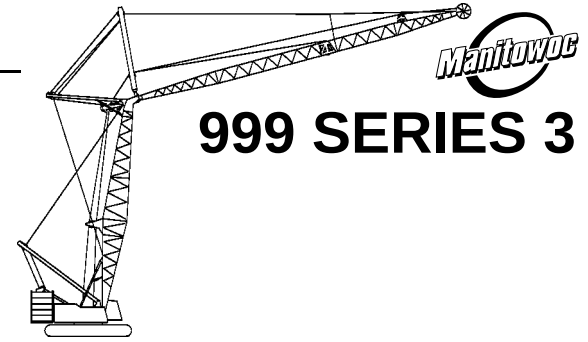
110 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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	Ang. Deg.	Elev. Feet	Capacity Pounds	
30	74.8	179.2	15,000 *																			30
35	70.1	177.5	15,000 *																			35
40	65.2	175.3	15,000 *																			40
45	60.1	172.6	15,000 *	69.7	176.4	15,000 *																45
50	54.7	169.2	15,000 *	64.8	174.2	15,000 *																50
55	48.9	165.1	13,900 *	59.6	171.4	15,000 *	65.4	173.5	15,000 *													55
60	42.5	160.0	11,900 *	54.2	168.0	15,000 *	60.3	170.8	15,000 *													60
65	35.1	153.5	10,300 *	48.3	163.8	13,800 *	55.0	167.5	15,000 *													65
70	26.0	144.6	9,100 *	41.9	158.6	11,800 *	49.2	163.4	14,100 *	59.6	168.1	15,000 *										70
75	10.6	128.3	8,100 *	34.4	151.9	10,200 *	42.8	158.4	12,100 *	54.2	164.7	15,000 *										75
80				25.0	142.7	9,000 *	35.5	152.0	10,400 *	48.3	160.6	13,800 *										80
85				7.7	124.2	8,000 *	26.4	143.2	9,200 *	41.9	155.4	11,800 *	53.2	161.0	15,000 *							85
90							11.8	127.7	8,100 *	34.4	148.7	10,300 *	47.2	156.6	13,500 *							90
95										25.0	139.5	9,000 *	40.6	151.2	11,600 *	51.8	156.1	15,000 *				95
100										7.7	120.9	8,000 *	32.9	144.2	10,000 *	45.7	151.6	13,000 *				100
105													22.9	134.2	8,800 *	38.9	145.8	11,200 *				105
110																30.8	138.3	9,700 *	43.6	145.3	12,400 *	110
115																19.7	127.1	8,600 *	36.5	139.1	10,700 *	115
120																			27.7	130.7	9,400 *	120
125																			14.5	116.9	8,300 *	125

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

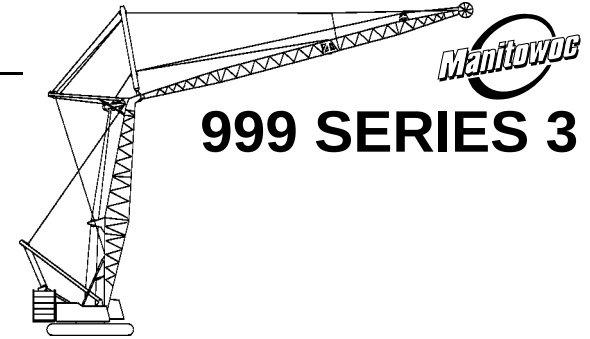
110 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.8	179.2	15,000 *																		30	
35	70.1	177.5	15,000 *																		35	
40	65.2	175.3	15,000 *																		40	
45	60.1	172.6	15,000 *	69.7	176.4	15,000 *															45	
50	54.7	169.2	15,000 *	64.8	174.2	15,000 *															50	
55	48.9	165.1	13,200 *	59.6	171.4	15,000 *	65.4	173.5	15,000 *												55	
60	42.5	160.0	11,300 *	54.2	168.0	15,000 *	60.3	170.8	15,000 *												60	
65	35.1	153.5	9,800 *	48.3	163.8	13,100 *	55.0	167.5	15,000 *												65	
70	26.0	144.6	8,600 *	41.9	158.6	11,200 *	49.2	163.4	13,400 *	59.6	168.1	15,000 *									70	
75	10.6	128.3	7,700 *	34.4	151.9	9,700 *	42.8	158.4	11,400 *	54.2	164.7	15,000 *									75	
80				25.0	142.7	8,500 *	35.5	152.0	9,900 *	48.3	160.6	13,100 *									80	
85				7.7	124.2	7,600 *	26.4	143.2	8,700 *	41.9	155.4	11,200 *	53.2	161.0	15,000 *						85	
90							11.8	127.7	7,700 *	34.4	148.7	9,700 *	47.2	156.6	12,800 *						90	
95										25.0	139.5	8,600 *	40.6	151.2	11,000 *	51.8	156.1	14,500 *			95	
100										7.7	120.9	7,700 *	32.9	144.2	9,500 *	45.7	151.6	12,300 *			100	
105													22.9	134.2	8,400 *	38.9	145.8	10,600 *			105	
110																30.8	138.3	9,200 *	43.6	145.3	11,700 *	110
115																19.7	127.1	8,200 *	36.5	139.1	10,200 *	115
120																			27.7	130.7	8,900 *	120
125																			14.5	116.9	7,900 *	125

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



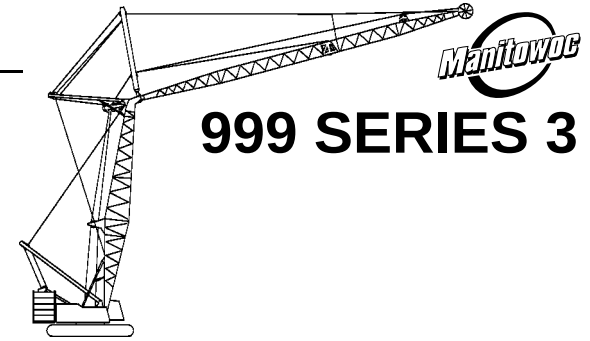
999 SERIES 3

110 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.8	179.2	15,000 *																		30	
35	70.1	177.5	15,000 *																		35	
40	65.2	175.3	15,000 *																		40	
45	60.1	172.6	15,000 *	69.7	176.4	15,000 *															45	
50	54.7	169.2	15,000 *	64.8	174.2	15,000 *															50	
55	48.9	165.1	12,900 *	59.6	171.4	15,000 *	65.4	173.5	15,000 *												55	
60	42.5	160.0	11,000 *	54.2	168.0	15,000 *	60.3	170.8	15,000 *												60	
65	35.1	153.5	9,600 *	48.3	163.8	12,700 *	55.0	167.5	15,000 *												65	
70	26.0	144.6	8,400 *	41.9	158.6	10,900 *	49.2	163.4	13,000 *	59.6	168.1	15,000 *									70	
75	10.6	128.3	7,600 *	34.4	151.9	9,500 *	42.8	158.4	11,100 *	54.2	164.7	15,000 *									75	
80				25.0	142.7	8,400 *	35.5	152.0	9,700 *	48.3	160.6	12,800 *									80	
85				7.7	124.2	7,500 *	26.4	143.2	8,500 *	41.9	155.4	10,900 *	53.2	161.0	14,700 *						85	
90							11.8	127.7	7,600 *	34.4	148.7	9,500 *	47.2	156.6	12,400 *						90	
95										25.0	139.5	8,400 *	40.6	151.2	10,700 *	51.8	156.1	14,100 *			95	
100										7.7	120.9	7,500 *	32.9	144.2	9,300 *	45.7	151.6	12,000 *			100	
105													22.9	134.2	8,200 *	38.9	145.8	10,300 *			105	
110																30.8	138.3	9,000 *	43.6	145.3	11,400 *	110
115																19.7	127.1	8,000 *	36.5	139.1	9,900 *	115
120																			27.7	130.7	8,700 *	120
125																			14.5	116.9	7,700 *	125

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

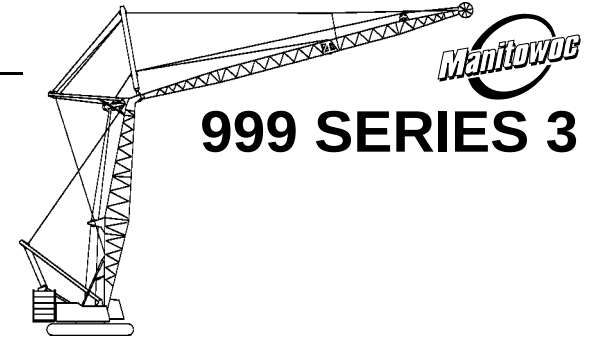
110 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	74.8	179.2	15,000 *																		30	
35	70.1	177.5	15,000 *																		35	
40	65.2	175.3	15,000 *																		40	
45	60.1	172.6	15,000 *	69.7	176.4	15,000 *															45	
50	54.7	169.2	15,000 *	64.8	174.2	15,000 *															50	
55	48.9	165.1	12,800 *	59.6	171.4	15,000 *	65.4	173.5	15,000 *												55	
60	42.5	160.0	11,000 *	54.2	168.0	14,900 *	60.3	170.8	15,000 *												60	
65	35.1	153.5	9,600 *	48.3	163.8	12,600 *	55.0	167.5	15,000 *												65	
70	26.0	144.6	8,500 *	41.9	158.6	10,900 *	49.2	163.4	12,900 *	59.6	168.1	15,000 *									70	
75	10.6	128.3	7,700 *	34.4	151.9	9,500 *	42.8	158.4	11,100 *	54.2	164.7	15,000 *									75	
80				25.0	142.7	8,400 *	35.5	152.0	9,700 *	48.3	160.6	12,700 *									80	
85				7.7	124.2	7,600 *	26.4	143.2	8,600 *	41.9	155.4	10,900 *	53.2	161.0	14,600 *						85	
90							11.8	127.7	7,700 *	34.4	148.7	9,500 *	47.2	156.6	12,400 *						90	
95										25.0	139.5	8,500 *	40.6	151.2	10,700 *	51.8	156.1	14,000 *			95	
100										7.7	120.9	7,600 *	32.9	144.2	9,300 *	45.7	151.6	11,900 *			100	
105													22.9	134.2	8,300 *	38.9	145.8	10,300 *			105	
110																30.8	138.3	9,100 *	43.6	145.3	11,400 *	110
115																19.7	127.1	8,100 *	36.5	139.1	9,900 *	115
120																			27.7	130.7	8,800 *	120
125																			14.5	116.9	7,800 *	125

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

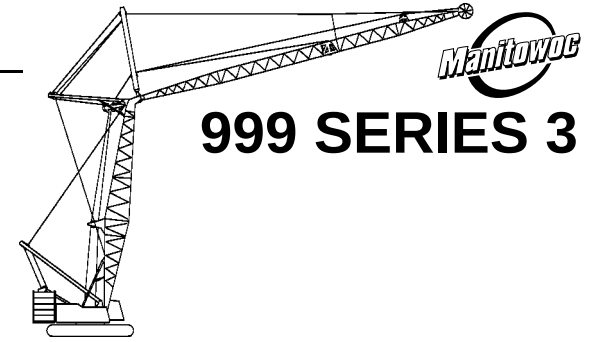


120 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
35	70.4	187.6	15,000 *																		35	
40	65.6	185.5	15,000 *																		40	
45	60.5	182.8	15,000 *	70.8	186.8	15,000 *															45	
50	55.1	179.5	15,000 *	66.0	184.7	15,000 *															50	
55	49.3	175.4	14,900 *	60.9	182.0	15,000 *	67.2	184.2	15,000 *												55	
60	43.0	170.4	12,700 *	55.6	178.8	15,000 *	62.1	181.7	15,000 *												60	
65	35.7	164.1	11,100 *	49.8	174.8	15,000 *	56.9	178.6	15,000 *												65	
70	26.7	155.4	9,700 *	43.5	169.9	12,900 *	51.2	174.8	15,000 *	62.3	179.3	15,000 *									70	
75	12.4	140.2	8,700 *	36.3	163.6	11,200 *	45.1	170.1	13,500 *	57.1	176.2	15,000 *									75	
80				27.6	155.2	9,900 *	38.2	164.2	11,600 *	51.4	172.5	15,000 *									80	
85				14.2	141.2	8,800 *	29.9	156.5	10,200 *	45.3	167.8	13,600 *	57.0	172.9	15,000 *						85	
90							18.3	144.6	9,000 *	38.4	162.0	11,700 *	51.4	169.1	15,000 *						90	
95										30.2	154.3	10,300 *	45.2	164.4	13,600 *						95	
100										18.9	142.7	9,100 *	38.3	158.6	11,700 *	50.9	164.6	15,000 *			100	
105													30.1	150.9	10,300 *	44.7	159.8	13,500 *			105	
110													18.6	139.2	9,100 *	37.7	153.9	11,700 *			110	
115																29.3	145.9	10,200 *	43.6	153.9	13,200 *	115
120																17.4	133.6	9,000 *	36.5	147.7	11,400 *	120
125																			27.7	139.4	10,000 *	125
130																			14.5	125.6	8,900 *	130

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

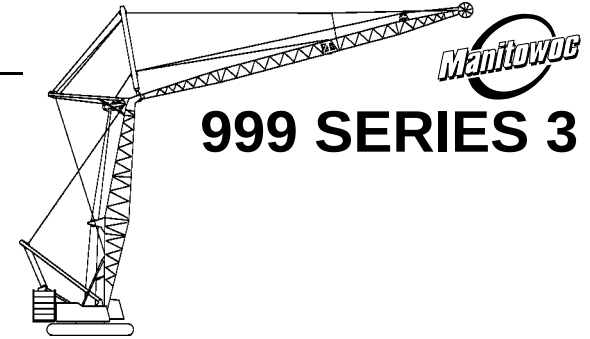
120 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	75.2	189.3	15,000 *																			30
35	70.4	187.6	15,000 *																			35
40	65.6	185.5	15,000 *																			40
45	60.5	182.8	15,000 *	70.8	186.8	15,000 *																45
50	55.1	179.5	15,000 *	66.0	184.7	15,000 *																50
55	49.3	175.4	15,000 *	60.9	182.0	15,000 *	67.2	184.2	15,000 *													55
60	43.0	170.4	14,000 *	55.6	178.8	15,000 *	62.1	181.7	15,000 *													60
65	35.7	164.1	12,200 *	49.8	174.8	15,000 *	56.9	178.6	15,000 *													65
70	26.7	155.4	10,700 *	43.5	169.9	14,300 *	51.2	174.8	15,000 *	62.3	179.3	15,000 *										70
75	12.4	140.2	9,500 *	36.3	163.6	12,400 *	45.1	170.1	14,800 *	57.1	176.2	15,000 *										75
80				27.6	155.2	10,800 *	38.2	164.2	12,800 *	51.4	172.5	15,000 *										80
85				14.2	141.2	9,600 *	29.9	156.5	11,200 *	45.3	167.8	15,000 *	57.0	172.9	15,000 *							85
90							18.3	144.6	9,900 *	38.4	162.0	12,900 *	51.4	169.1	15,000 *							90
95										30.2	154.3	11,300 *	45.2	164.4	15,000 *							95
100										18.9	142.7	10,000 *	38.3	158.6	12,900 *	50.9	164.6	15,000 *				100
105													30.1	150.9	11,300 *	44.7	159.8	14,900 *				105
110													18.6	139.2	10,000 *	37.7	153.9	12,800 *				110
115																29.3	145.9	11,200 *	43.6	153.9	14,500 *	115
120																17.4	133.6	9,900 *	36.5	147.7	12,600 *	120
125																			27.7	139.4	11,000 *	125
130																			14.5	125.6	9,700 *	130

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

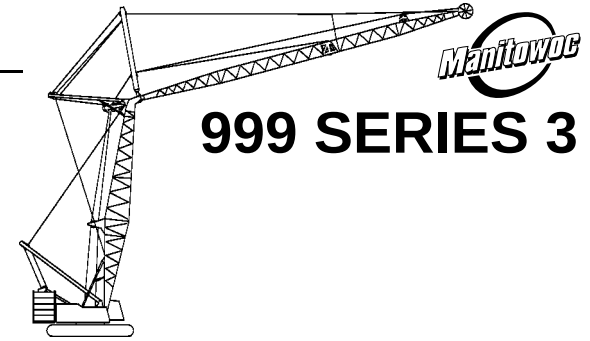


120 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.2	189.3	15,000 *																		30	
35	70.4	187.6	15,000 *																		35	
40	65.6	185.5	15,000 *																		40	
45	60.5	182.8	15,000 *	70.8	186.8	15,000 *															45	
50	55.1	179.5	15,000 *	66.0	184.7	15,000 *															50	
55	49.3	175.4	15,000 *	60.9	182.0	15,000 *	67.2	184.2	15,000 *												55	
60	43.0	170.4	13,600 *	55.6	178.8	15,000 *	62.1	181.7	15,000 *												60	
65	35.7	164.1	11,900 *	49.8	174.8	15,000 *	56.9	178.6	15,000 *												65	
70	26.7	155.4	10,500 *	43.5	169.9	13,900 *	51.2	174.8	15,000 *	62.3	179.3	15,000 *									70	
75	12.4	140.2	9,400 *	36.3	163.6	12,100 *	45.1	170.1	14,400 *	57.1	176.2	15,000 *									75	
80				27.6	155.2	10,600 *	38.2	164.2	12,500 *	51.4	172.5	15,000 *									80	
85				14.2	141.2	9,400 *	29.9	156.5	10,900 *	45.3	167.8	14,500 *	57.0	172.9	15,000 *						85	
90							18.3	144.6	9,700 *	38.4	162.0	12,600 *	51.4	169.1	15,000 *						90	
95										30.2	154.3	11,000 *	45.2	164.4	14,500 *						95	
100										18.9	142.7	9,800 *	38.3	158.6	12,600 *	50.9	164.6	15,000 *			100	
105													30.1	150.9	11,000 *	44.7	159.8	14,400 *			105	
110													18.6	139.2	9,800 *	37.7	153.9	12,500 *			110	
115																29.3	145.9	11,000 *	43.6	153.9	14,100 *	115
120																17.4	133.6	9,700 *	36.5	147.7	12,200 *	120
125																			27.7	139.4	10,800 *	125
130																			14.5	125.6	9,600 *	130

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

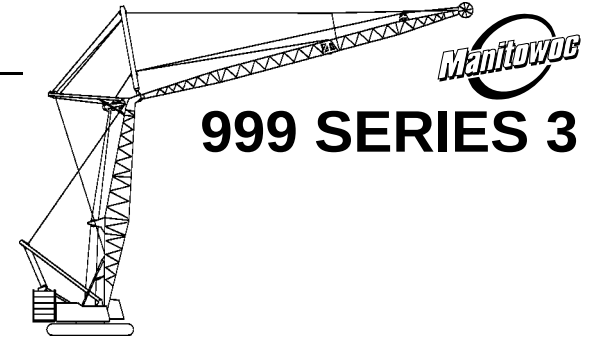
120 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	75.2	189.3	15,000 *																			30
35	70.4	187.6	15,000 *																			35
40	65.6	185.5	15,000 *																			40
45	60.5	182.8	15,000 *	70.8	186.8	15,000 *																45
50	55.1	179.5	15,000 *	66.0	184.7	15,000 *																50
55	49.3	175.4	14,200 *	60.9	182.0	15,000 *	67.2	184.2	15,000 *													55
60	43.0	170.4	12,100 *	55.6	178.8	15,000 *	62.1	181.7	15,000 *													60
65	35.7	164.1	10,500 *	49.8	174.8	14,400 *	56.9	178.6	15,000 *													65
70	26.7	155.4	9,200 *	43.5	169.9	12,300 *	51.2	174.8	15,000 *	62.3	179.3	15,000 *										70
75	12.4	140.2	8,200 *	36.3	163.6	10,600 *	45.1	170.1	12,800 *	57.1	176.2	15,000 *										75
80				27.6	155.2	9,300 *	38.2	164.2	11,000 *	51.4	172.5	15,000 *										80
85				14.2	141.2	8,300 *	29.9	156.5	9,600 *	45.3	167.8	12,900 *	57.0	172.9	15,000 *							85
90							18.3	144.6	8,500 *	38.4	162.0	11,100 *	51.4	169.1	15,000 *							90
95										30.2	154.3	9,700 *	45.2	164.4	12,900 *							95
100										18.9	142.7	8,500 *	38.3	158.6	11,100 *	50.9	164.6	15,000 *				100
105													30.1	150.9	9,700 *	44.7	159.8	12,800 *				105
110													18.6	139.2	8,600 *	37.7	153.9	11,000 *				110
115																29.3	145.9	9,600 *	43.6	153.9	12,500 *	115
120																17.4	133.6	8,500 *	36.5	147.7	10,800 *	120
125																			27.7	139.4	9,400 *	125
130																			14.5	125.6	8,400 *	130

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



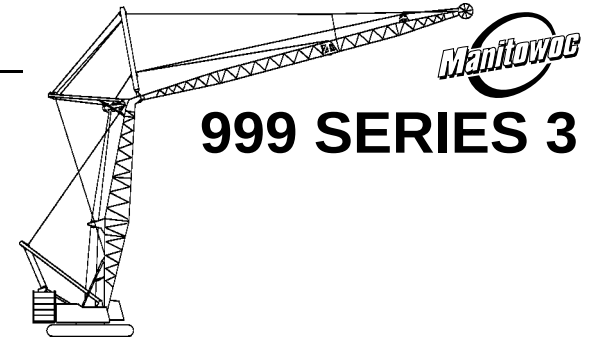
999 SERIES 3

120 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds		Elev. Feet
30	75.2	189.3	15,000 *	70.8	186.8	15,000 *																	
35	70.4	187.6	15,000 *																				
40	65.6	185.5	15,000 *																				
45	60.5	182.8	15,000 *																				
50	55.1	179.5	15,000 *																				
55	49.3	175.4	13,400 *	60.9	182.0	15,000 *	67.2	184.2	15,000 *														
60	43.0	170.4	11,500 *	55.6	178.8	15,000 *	62.1	181.7	15,000 *														
65	35.7	164.1	9,900 *	49.8	174.8	13,700 *	56.9	178.6	15,000 *														
70	26.7	155.4	8,700 *	43.5	169.9	11,600 *	51.2	174.8	14,300 *												62.3	179.3	15,000 *
75	12.4	140.2	7,800 *	36.3	163.6	10,100 *	45.1	170.1	12,100 *												57.1	176.2	15,000 *
80				27.6	155.2	8,800 *	38.2	164.2	10,400 *	51.4	172.5	14,400 *	57.0	172.9	15,000 *								
85				14.2	141.2	7,800 *	29.9	156.5	9,100 *	45.3	167.8	12,200 *											
90							18.3	144.6	8,100 *	38.4	162.0	10,500 *											
95										30.2	154.3	9,200 *									45.2	164.4	12,200 *
100										18.9	142.7	8,100 *									38.3	158.6	10,500 *
105													30.1	150.9	9,200 *	44.7	159.8	12,100 *	43.6	153.9	11,800 *	105	
110													18.6	139.2	8,100 *	37.7	153.9	10,400 *					110
115																29.3	145.9	9,100 *					115
120																17.4	133.6	8,100 *					120
125																							125
130																			14.5	125.6	7,900 *	130	

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

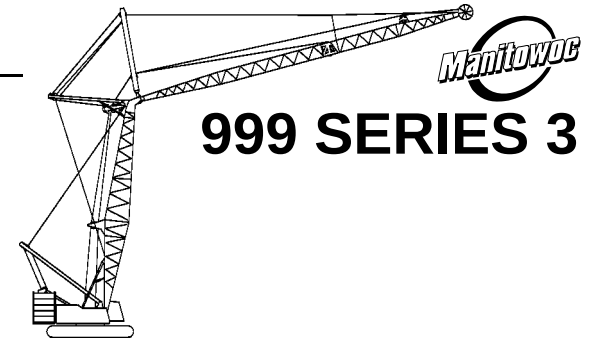
120 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
30	75.2	189.3	15,000 *																			30
35	70.4	187.6	15,000 *																			35
40	65.6	185.5	15,000 *																			40
45	60.5	182.8	15,000 *	70.8	186.8	15,000 *																45
50	55.1	179.5	15,000 *	66.0	184.7	15,000 *																50
55	49.3	175.4	13,000 *	60.9	182.0	15,000 *	67.2	184.2	15,000 *													55
60	43.0	170.4	11,200 *	55.6	178.8	15,000 *	62.1	181.7	15,000 *													60
65	35.7	164.1	9,700 *	49.8	174.8	13,300 *	56.9	178.6	15,000 *													65
70	26.7	155.4	8,500 *	43.5	169.9	11,300 *	51.2	174.8	13,900 *	62.3	179.3	15,000 *										70
75	12.4	140.2	7,600 *	36.3	163.6	9,800 *	45.1	170.1	11,800 *	57.1	176.2	15,000 *										75
80				27.6	155.2	8,600 *	38.2	164.2	10,200 *	51.4	172.5	14,000 *										80
85				14.2	141.2	7,700 *	29.9	156.5	8,900 *	45.3	167.8	11,900 *	57.0	172.9	15,000 *							85
90							18.3	144.6	7,900 *	38.4	162.0	10,300 *	51.4	169.1	14,000 *							90
95										30.2	154.3	9,000 *	45.2	164.4	11,900 *							95
100										18.9	142.7	8,000 *	38.3	158.6	10,300 *	50.9	164.6	13,900 *				100
105													30.1	150.9	9,000 *	44.7	159.8	11,800 *				105
110													18.6	139.2	8,000 *	37.7	153.9	10,200 *				110
115																29.3	145.9	8,900 *	43.6	153.9	11,500 *	115
120																17.4	133.6	7,900 *	36.5	147.7	10,000 *	120
125																			27.7	139.4	8,700 *	125
130																			14.5	125.6	7,800 *	130

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



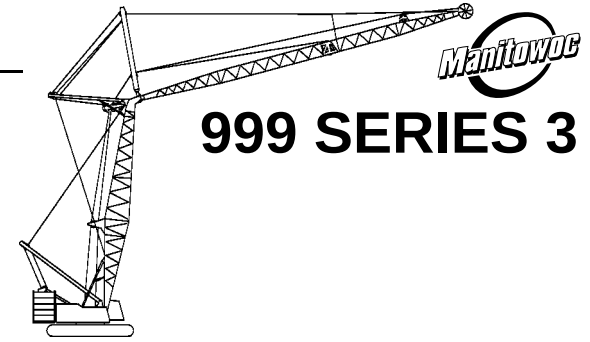
999 SERIES 3

120 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds							
30	75.2	189.3	15,000 *	70.8	186.8	15,000 *																									
35	70.4	187.6	15,000 *																												
40	65.6	185.5	15,000 *																												
45	60.5	182.8	15,000 *																												
50	55.1	179.5	15,000 *																												
55	49.3	175.4	13,000 *	60.9	182.0	15,000 *	67.2	184.2	15,000 *																						
60	43.0	170.4	11,100 *	55.6	178.8	15,000 *	62.1	181.7	15,000 *																						
65	35.7	164.1	9,700 *	49.8	174.8	13,200 *	56.9	178.6	15,000 *																						
70	26.7	155.4	8,600 *	43.5	169.9	11,300 *	51.2	174.8	13,800 *												62.3	179.3	15,000 *								
75	12.4	140.2	7,700 *	36.3	163.6	9,900 *	45.1	170.1	11,700 *												57.1	176.2	15,000 *								
80				27.6	155.2	8,700 *	38.2	164.2	10,200 *	51.4	172.5	13,900 *	57.0	172.9	15,000 *																
85				14.2	141.2	7,800 *	29.9	156.5	9,000 *	45.3	167.8	11,800 *																			
90							18.3	144.6	8,000 *	38.4	162.0	10,300 *																			
95										30.2	154.3	9,000 *									45.2	164.4	11,900 *								
100										18.9	142.7	8,100 *									38.3	158.6	10,300 *	50.9	164.6	13,800 *					
105													30.1	150.9	9,000 *	44.7	159.8	11,700 *	43.6	153.9	11,500 *	105									
110													18.6	139.2	8,100 *	37.7	153.9	10,200 *					36.5	147.7	10,000 *						
115																29.3	145.9	9,000 *								27.7	139.4	8,800 *			
120																17.4	133.6	8,000 *											14.5	125.6	7,900 *
125																															
130																															

Liftcrane Luffing Jib Intermediate Fall Capacities

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



Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

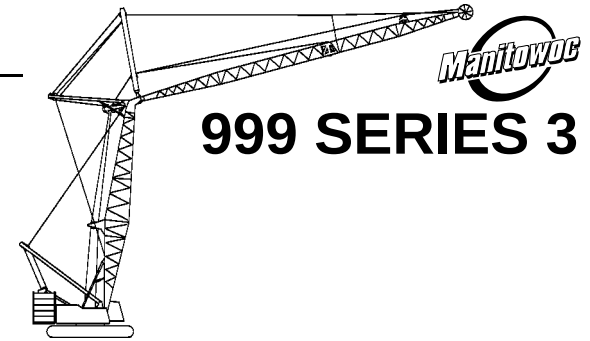
130 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
35	70.8	197.8	15,000 *																		35	
40	65.9	195.6	15,000 *																		40	
45	60.8	193.0	15,000 *																		45	
50	55.5	189.7	15,000 *	67.2	195.2	15,000 *															50	
55	49.7	185.7	15,000 *	62.2	192.7	15,000 *															55	
60	43.4	180.8	12,900 *	56.9	189.6	15,000 *	63.9	192.5	15,000 *												60	
65	36.2	174.6	11,200 *	51.3	185.8	15,000 *	58.7	189.6	15,000 *												65	
70	27.4	166.1	9,800 *	45.1	181.1	13,500 *	53.2	186.0	15,000 *												70	
75	13.9	151.9	8,800 *	38.2	175.2	11,700 *	47.3	181.7	14,300 *	59.8	187.6	15,000 *									75	
80				29.9	167.5	10,200 *	40.7	176.3	12,300 *	54.4	184.2	15,000 *									80	
85				18.4	155.7	9,100 *	33.0	169.3	10,700 *	48.6	180.0	14,900 *									85	
90							23.0	159.4	9,500 *	42.1	174.9	12,700 *	55.2	181.1	15,000 *						90	
95										34.7	168.3	11,000 *	49.5	177.1	15,000 *						95	
100										25.4	159.2	9,700 *	43.1	172.1	13,100 *						100	
105										9.0	141.7	8,700 *	35.9	165.8	11,300 *	50.0	172.9	15,000 *			105	
110													27.0	157.2	9,900 *	43.7	168.1	13,300 *			110	
115													13.0	142.5	8,800 *	36.5	161.9	11,500 *			115	
120																27.8	153.5	10,100 *	43.6	162.6	13,300 *	120
125																14.7	139.8	8,900 *	36.5	156.4	11,500 *	125
130																			27.7	148.0	10,100 *	130
135																			14.5	134.2	8,900 *	135

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

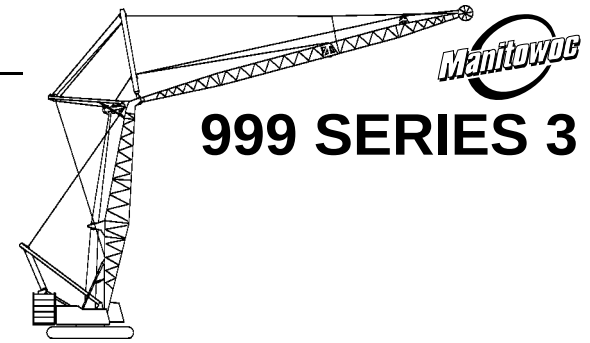
130 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.5	199.4	15,000 *b	67.2	195.2	15,000 *																			
35	70.8	197.8	15,000 *																			30			
40	65.9	195.6	15,000 *																			35			
45	60.8	193.0	15,000 *																			40			
50	55.5	189.7	15,000 *																			45			
55	49.7	185.7	15,000 *	62.2	192.7	15,000 *	63.9	192.5	15,000 *																
60	43.4	180.8	14,200 *	56.9	189.6	15,000 *																60			
65	36.2	174.6	12,300 *	51.3	185.8	15,000 *																58.7	189.6	15,000 *	65
70	27.4	166.1	10,800 *	45.1	181.1	14,900 *																53.2	186.0	15,000 *	70
75	13.9	151.9	9,600 *	38.2	175.2	12,800 *																47.3	181.7	15,000 *	59.8
80				29.9	167.5	11,200 *	40.7	176.3	13,500 *	54.4	184.2	15,000 *	55.2	181.1	15,000 *										
85				18.4	155.7	9,900 *	33.0	169.3	11,800 *	48.6	180.0	15,000 *										85			
90				23.0	159.4	10,400 *	42.1	174.9	14,000 *	49.5	177.1	15,000 *										90			
95							34.7	168.3	12,200 *	43.1	172.1	14,400 *										95			
100							25.4	159.2	10,700 *	43.1	172.1	14,400 *										100			
105										9.0	141.7	9,500 *	35.9	165.8	12,500 *	50.0	172.9	15,000 *	43.6	162.6	14,700 *				
110													27.0	157.2	10,900 *	43.7	168.1	14,600 *					110		
115													13.0	142.5	9,700 *	36.5	161.9	12,700 *					115		
120																27.8	153.5	11,100 *					120		
125																14.7	139.8	9,800 *					36.5	156.4	12,700 *
130																									
135																									

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

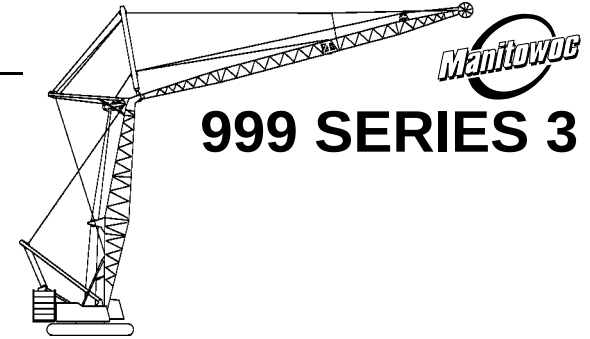
130 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
30	75.5	199.4	15,000 *	67.2	195.2	15,000 *																30			
35	70.8	197.8	15,000 *																			35			
40	65.9	195.6	15,000 *																			40			
45	60.8	193.0	15,000 *																			45			
50	55.5	189.7	15,000 *																			50			
55	49.7	185.7	15,000 *	62.2	192.7	15,000 *	63.9	192.5	15,000 *													55			
60	43.4	180.8	13,800 *	56.9	189.6	15,000 *																60			
65	36.2	174.6	12,000 *	51.3	185.8	15,000 *																58.7	189.6	15,000 *	65
70	27.4	166.1	10,600 *	45.1	181.1	14,400 *																53.2	186.0	15,000 *	70
75	13.9	151.9	9,400 *	38.2	175.2	12,500 *																47.3	181.7	15,000 *	59.8
80				29.9	167.5	11,000 *	40.7	176.3	13,200 *	54.4	184.2	15,000 *	55.2	181.1	15,000 *							80			
85				18.4	155.7	9,700 *	33.0	169.3	11,500 *	48.6	180.0	15,000 *										85			
90				23.0	159.4	10,200 *	42.1	174.9	13,600 *	49.5	177.1	15,000 *										90			
95							34.7	168.3	11,900 *	43.1	172.1	14,000 *										95			
100							25.4	159.2	10,400 *	43.1	172.1	14,000 *										100			
105									9.0	141.7	9,400 *	35.9	165.8	12,100 *	50.0	172.9	15,000 *	43.6	162.6	14,200 *	105				
110									27.0	157.2	10,700 *	43.7	168.1	14,200 *	110										
115									13.0	142.5	9,500 *	36.5	161.9	12,300 *	115										
120									27.8	153.5	10,800 *	27.8	153.5	10,800 *	120										
125									14.7	139.8	9,600 *	14.7	139.8	9,600 *	125										
130																						130			
135																						27.7	148.0	10,800 *	14.5

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



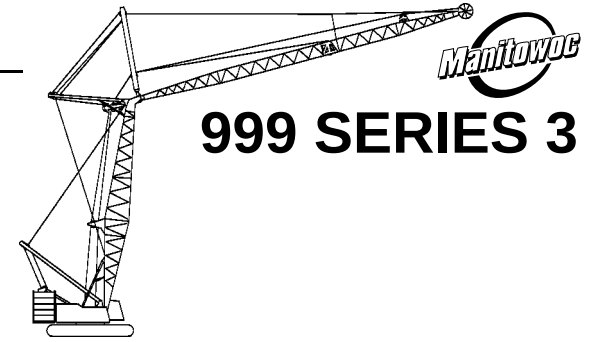
999 SERIES 3

130 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.5	199.4	15,000 *																		30	
35	70.8	197.8	15,000 *																		35	
40	65.9	195.6	15,000 *																		40	
45	60.8	193.0	15,000 *																		45	
50	55.5	189.7	15,000 *	67.2	195.2	15,000 *															50	
55	49.7	185.7	14,400 *	62.2	192.7	15,000 *															55	
60	43.4	180.8	12,300 *	56.9	189.6	15,000 *	63.9	192.5	15,000 *												60	
65	36.2	174.6	10,600 *	51.3	185.8	15,000 *	58.7	189.6	15,000 *												65	
70	27.4	166.1	9,300 *	45.1	181.1	12,800 *	53.2	186.0	15,000 *												70	
75	13.9	151.9	8,200 *	38.2	175.2	11,000 *	47.3	181.7	13,600 *	59.8	187.6	15,000 *									75	
80				29.9	167.5	9,600 *	40.7	176.3	11,600 *	54.4	184.2	15,000 *									80	
85				18.4	155.7	8,500 *	33.0	169.3	10,100 *	48.6	180.0	14,100 *									85	
90							23.0	159.4	8,900 *	42.1	174.9	12,100 *	55.2	181.1	15,000 *						90	
95										34.7	168.3	10,400 *	49.5	177.1	14,600 *						95	
100										25.4	159.2	9,200 *	43.1	172.1	12,400 *						100	
105										9.0	141.7	8,200 *	35.9	165.8	10,700 *	50.0	172.9	14,800 *			105	
110													27.0	157.2	9,400 *	43.7	168.1	12,600 *			110	
115													13.0	142.5	8,300 *	36.5	161.9	10,900 *			115	
120																27.8	153.5	9,500 *	43.6	162.6	12,600 *	120
125																14.7	139.8	8,400 *	36.5	156.4	10,900 *	125
130																			27.7	148.0	9,500 *	130
135																			14.5	134.2	8,400 *	135

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

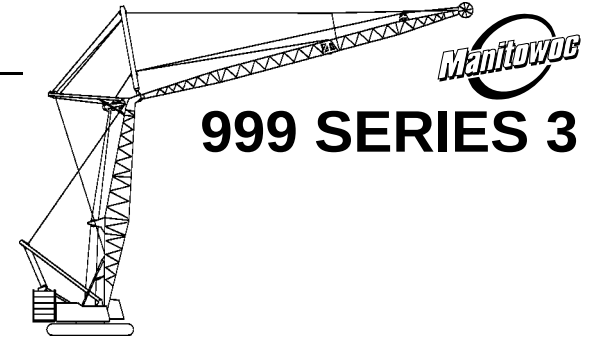
130 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.5	199.4	15,000 *																		30	
35	70.8	197.8	15,000 *																		35	
40	65.9	195.6	15,000 *																		40	
45	60.8	193.0	15,000 *																		45	
50	55.5	189.7	15,000 *	67.2	195.2	15,000 *															50	
55	49.7	185.7	13,600 *	62.2	192.7	15,000 *															55	
60	43.4	180.8	11,600 *	56.9	189.6	15,000 *	63.9	192.5	15,000 *												60	
65	36.2	174.6	10,100 *	51.3	185.8	14,300 *	58.7	189.6	15,000 *												65	
70	27.4	166.1	8,800 *	45.1	181.1	12,200 *	53.2	186.0	15,000 *												70	
75	13.9	151.9	7,800 *	38.2	175.2	10,500 *	47.3	181.7	12,900 *	59.8	187.6	15,000 *									75	
80				29.9	167.5	9,100 *	40.7	176.3	11,000 *	54.4	184.2	15,000 *									80	
85				18.4	155.7	8,100 *	33.0	169.3	9,600 *	48.6	180.0	13,400 *									85	
90							23.0	159.4	8,400 *	42.1	174.9	11,400 *	55.2	181.1	15,000 *						90	
95										34.7	168.3	9,900 *	49.5	177.1	13,800 *						95	
100										25.4	159.2	8,700 *	43.1	172.1	11,700 *						100	
105										9.0	141.7	7,800 *	35.9	165.8	10,200 *	50.0	172.9	14,000 *			105	
110													27.0	157.2	8,900 *	43.7	168.1	11,900 *			110	
115													13.0	142.5	7,900 *	36.5	161.9	10,300 *			115	
120																27.8	153.5	9,000 *	43.6	162.6	12,000 *	
125																14.7	139.8	8,000 *	36.5	156.4	10,300 *	
130																			27.7	148.0	9,000 *	
135																			14.5	134.2	8,000 *	

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

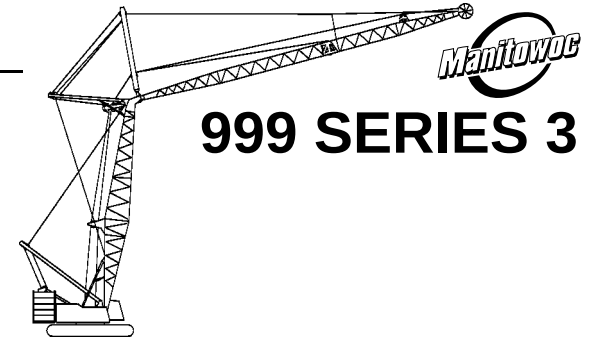


130 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.5	199.4	15,000 *																		30	
35	70.8	197.8	15,000 *																		35	
40	65.9	195.6	15,000 *																		40	
45	60.8	193.0	15,000 *																		45	
50	55.5	189.7	15,000 *	67.2	195.2	15,000 *															50	
55	49.7	185.7	13,300 *	62.2	192.7	15,000 *															55	
60	43.4	180.8	11,300 *	56.9	189.6	15,000 *	63.9	192.5	15,000 *												60	
65	36.2	174.6	9,800 *	51.3	185.8	13,900 *	58.7	189.6	15,000 *												65	
70	27.4	166.1	8,600 *	45.1	181.1	11,800 *	53.2	186.0	14,800 *												70	
75	13.9	151.9	7,700 *	38.2	175.2	10,200 *	47.3	181.7	12,500 *	59.8	187.6	15,000 *									75	
80				29.9	167.5	8,900 *	40.7	176.3	10,800 *	54.4	184.2	15,000 *									80	
85				18.4	155.7	7,900 *	33.0	169.3	9,400 *	48.6	180.0	13,000 *									85	
90							23.0	159.4	8,300 *	42.1	174.9	11,100 *	55.2	181.1	15,000 *						90	
95										34.7	168.3	9,700 *	49.5	177.1	13,400 *						95	
100										25.4	159.2	8,500 *	43.1	172.1	11,400 *						100	
105										9.0	141.7	7,600 *	35.9	165.8	9,900 *	50.0	172.9	13,600 *			105	
110													27.0	157.2	8,700 *	43.7	168.1	11,600 *			110	
115													13.0	142.5	7,700 *	36.5	161.9	10,000 *			115	
120																27.8	153.5	8,800 *	43.6	162.6	11,600 *	120
125																14.7	139.8	7,800 *	36.5	156.4	10,100 *	125
130																			27.7	148.0	8,800 *	130
135																			14.5	134.2	7,800 *	135

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

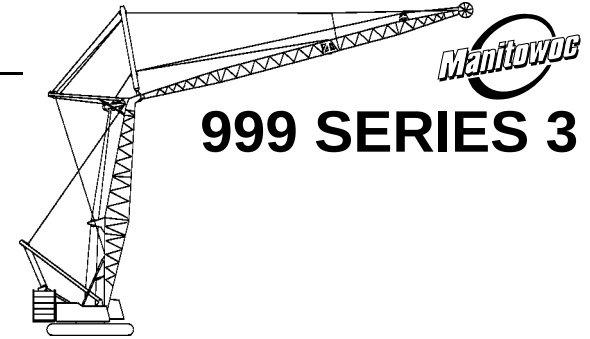
130 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.5	199.4	15,000 *																		30	
35	70.8	197.8	15,000 *																		35	
40	65.9	195.6	15,000 *																		40	
45	60.8	193.0	15,000 *																		45	
50	55.5	189.7	15,000 *	67.2	195.2	15,000 *															50	
55	49.7	185.7	13,200 *	62.2	192.7	15,000 *															55	
60	43.4	180.8	11,300 *	56.9	189.6	15,000 *	63.9	192.5	15,000 *												60	
65	36.2	174.6	9,800 *	51.3	185.8	13,800 *	58.7	189.6	15,000 *												65	
70	27.4	166.1	8,700 *	45.1	181.1	11,800 *	53.2	186.0	14,700 *												70	
75	13.9	151.9	7,800 *	38.2	175.2	10,200 *	47.3	181.7	12,500 *	59.8	187.6	15,000 *									75	
80				29.9	167.5	9,000 *	40.7	176.3	10,700 *	54.4	184.2	15,000 *									80	
85				18.4	155.7	8,000 *	33.0	169.3	9,400 *	48.6	180.0	12,900 *									85	
90							23.0	159.4	8,400 *	42.1	174.9	11,100 *	55.2	181.1	15,000 *						90	
95										34.7	168.3	9,700 *	49.5	177.1	13,300 *						95	
100										25.4	159.2	8,600 *	43.1	172.1	11,400 *						100	
105										9.0	141.7	7,700 *	35.9	165.8	9,900 *	50.0	172.9	13,500 *			105	
110													27.0	157.2	8,800 *	43.7	168.1	11,600 *			110	
115													13.0	142.5	7,900 *	36.5	161.9	10,100 *			115	
120																27.8	153.5	8,900 *	43.6	162.6	11,600 *	120
125																14.7	139.8	7,900 *	36.5	156.4	10,100 *	125
130																			27.7	148.0	8,900 *	130
135																			14.5	134.2	7,900 *	135

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

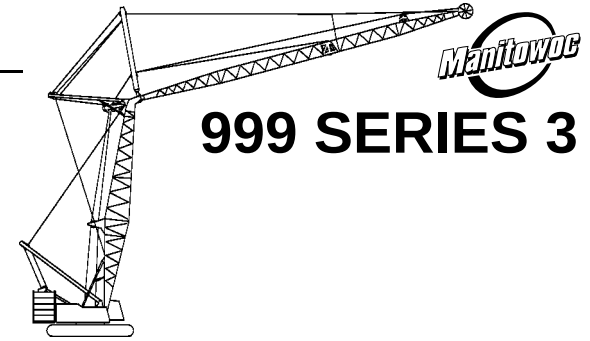


140 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.1	207.9	15,000 *																			35
40	66.2	205.8	15,000 *																			40
45	61.2	203.2	15,000 *																			45
50	55.9	200.0	15,000 *	68.4	205.6	15,000 *																50
55	50.1	196.1	15,000 *	63.4	203.2	15,000 *																55
60	43.9	191.2	13,100 *	58.2	200.3	15,000 *	65.6	203.2	15,000 *													60
65	36.8	185.0	11,300 *	52.7	196.7	15,000 *	60.6	200.5	15,000 *													65
70	28.1	176.8	10,000 *	46.7	192.3	14,100 *	55.2	197.2	15,000 *													70
75	15.2	163.4	8,900 *	40.0	186.7	12,100 *	49.4	193.2	15,000 *	62.5	198.7	15,000 *										75
80				32.1	179.5	10,600 *	43.1	188.2	13,000 *	57.2	195.7	15,000 *										80
85				21.8	169.2	9,400 *	35.8	181.8	11,300 *	51.6	191.9	15,000 *										85
90							26.9	173.2	9,900 *	45.5	187.3	13,800 *										90
95							12.8	158.3	8,800 *	38.7	181.6	11,900 *	53.5	189.4	15,000 *							95
100										30.5	174.0	10,400 *	47.5	185.1	14,700 *							100
105										19.4	162.6	9,200 *	41.0	179.7	12,600 *							105
110													33.3	172.8	10,900 *	49.0	181.3	15,000 *				110
115													23.5	163.1	9,600 *	42.6	176.2	13,100 *				115
120																35.3	169.8	11,300 *				120
125																26.2	161.0	10,000 *	43.6	171.3	13,400 *	125
130																11.2	145.1	8,800 *	36.5	165.1	11,600 *	130
135																			27.7	156.7	10,200 *	135
140																			14.5	142.9	9,000 *	140

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

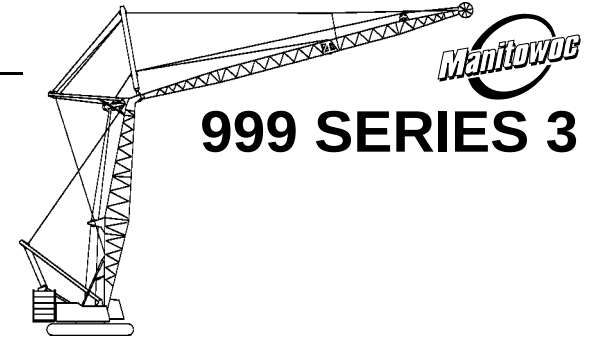
140 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.8	209.5	15,000 *b																		30	
35	71.1	207.9	15,000 *																		35	
40	66.2	205.8	15,000 *																		40	
45	61.2	203.2	15,000 *																		45	
50	55.9	200.0	15,000 *	68.4	205.6	15,000 *															50	
55	50.1	196.1	15,000 *	63.4	203.2	15,000 *															55	
60	43.9	191.2	14,400 *	58.2	200.3	15,000 *	65.6	203.2	15,000 *												60	
65	36.8	185.0	12,500 *	52.7	196.7	15,000 *	60.6	200.5	15,000 *												65	
70	28.1	176.8	10,900 *	46.7	192.3	15,000 *	55.2	197.2	15,000 *												70	
75	15.2	163.4	9,700 *	40.0	186.7	13,400 *	49.4	193.2	15,000 *	62.5	198.7	15,000 *									75	
80				32.1	179.5	11,700 *	43.1	188.2	14,300 *	57.2	195.7	15,000 *									80	
85				21.8	169.2	10,200 *	35.8	181.8	12,400 *	51.6	191.9	15,000 *									85	
90							26.9	173.2	10,900 *	45.5	187.3	15,000 *									90	
95							12.8	158.3	9,600 *	38.7	181.6	13,200 *	53.5	189.4	15,000 *						95	
100										30.5	174.0	11,500 *	47.5	185.1	15,000 *						100	
105										19.4	162.6	10,100 *	41.0	179.7	13,900 *						105	
110													33.3	172.8	12,000 *	49.0	181.3	15,000 *			110	
115													23.5	163.1	10,600 *	42.6	176.2	14,400 *			115	
120																35.3	169.8	12,500 *			120	
125																26.2	161.0	10,900 *	43.6	171.3	14,800 *	125
130																11.2	145.1	9,700 *	36.5	165.1	12,800 *	130
135																			27.7	156.7	11,200 *	135
140																			14.5	142.9	9,900 *	140

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



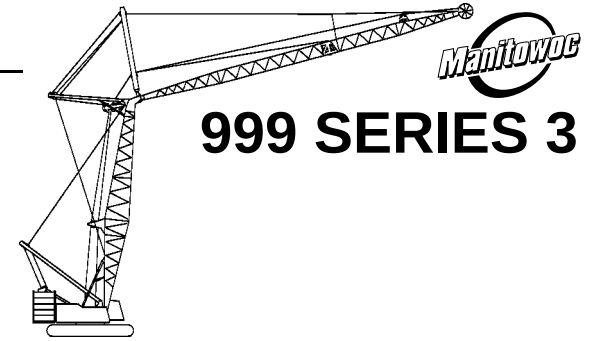
999 SERIES 3

140 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.8	209.5	15,000 *b																		30	
35	71.1	207.9	15,000 *																		35	
40	66.2	205.8	15,000 *																		40	
45	61.2	203.2	15,000 *																		45	
50	55.9	200.0	15,000 *	68.4	205.6	15,000 *															50	
55	50.1	196.1	15,000 *	63.4	203.2	15,000 *															55	
60	43.9	191.2	14,000 *	58.2	200.3	15,000 *	65.6	203.2	15,000 *												60	
65	36.8	185.0	12,200 *	52.7	196.7	15,000 *	60.6	200.5	15,000 *												65	
70	28.1	176.8	10,700 *	46.7	192.3	15,000 *	55.2	197.2	15,000 *												70	
75	15.2	163.4	9,500 *	40.0	186.7	13,000 *	49.4	193.2	15,000 *	62.5	198.7	15,000 *									75	
80				32.1	179.5	11,400 *	43.1	188.2	13,900 *	57.2	195.7	15,000 *									80	
85				21.8	169.2	10,100 *	35.8	181.8	12,100 *	51.6	191.9	15,000 *									85	
90							26.9	173.2	10,600 *	45.5	187.3	14,800 *									90	
95							12.8	158.3	9,500 *	38.7	181.6	12,800 *	53.5	189.4	15,000 *						95	
100										30.5	174.0	11,200 *	47.5	185.1	15,000 *						100	
105										19.4	162.6	9,900 *	41.0	179.7	13,500 *						105	
110													33.3	172.8	11,700 *	49.0	181.3	15,000 *			110	
115													23.5	163.1	10,300 *	42.6	176.2	14,000 *			115	
120																35.3	169.8	12,200 *			120	
125																26.2	161.0	10,700 *	43.6	171.3	14,400 *	125
130																11.2	145.1	9,500 *	36.5	165.1	12,500 *	130
135																			27.7	156.7	10,900 *	135
140																			14.5	142.9	9,700 *	140

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

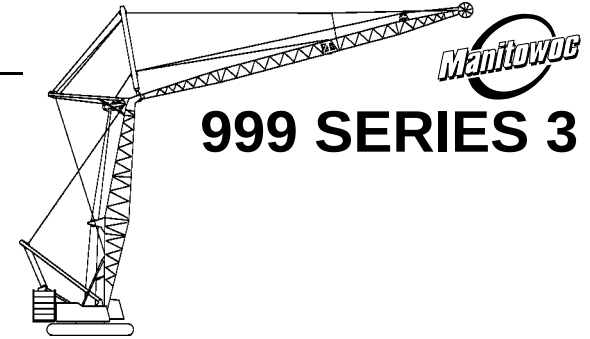
140 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.8	209.5	15,000 *																		30	
35	71.1	207.9	15,000 *																		35	
40	66.2	205.8	15,000 *																		40	
45	61.2	203.2	15,000 *																		45	
50	55.9	200.0	15,000 *	68.4	205.6	15,000 *															50	
55	50.1	196.1	14,600 *	63.4	203.2	15,000 *															55	
60	43.9	191.2	12,400 *	58.2	200.3	15,000 *	65.6	203.2	15,000 *												60	
65	36.8	185.0	10,700 *	52.7	196.7	15,000 *	60.6	200.5	15,000 *												65	
70	28.1	176.8	9,400 *	46.7	192.3	13,400 *	55.2	197.2	15,000 *												70	
75	15.2	163.4	8,300 *	40.0	186.7	11,500 *	49.4	193.2	14,500 *	62.5	198.7	15,000 *									75	
80				32.1	179.5	10,000 *	43.1	188.2	12,300 *	57.2	195.7	15,000 *									80	
85				21.8	169.2	8,800 *	35.8	181.8	10,700 *	51.6	191.9	15,000 *									85	
90							26.9	173.2	9,300 *	45.5	187.3	13,200 *									90	
95							12.8	158.3	8,300 *	38.7	181.6	11,300 *	53.5	189.4	15,000 *						95	
100										30.5	174.0	9,800 *	47.5	185.1	13,900 *						100	
105										19.4	162.6	8,700 *	41.0	179.7	11,900 *						105	
110													33.3	172.8	10,300 *	49.0	181.3	14,600 *			110	
115													23.5	163.1	9,100 *	42.6	176.2	12,400 *			115	
120																35.3	169.8	10,700 *			120	
125																26.2	161.0	9,400 *	43.6	171.3	12,800 *	125
130																11.2	145.1	8,300 *	36.5	165.1	11,000 *	130
135																			27.7	156.7	9,600 *	135
140																			14.5	142.9	8,500 *	140

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



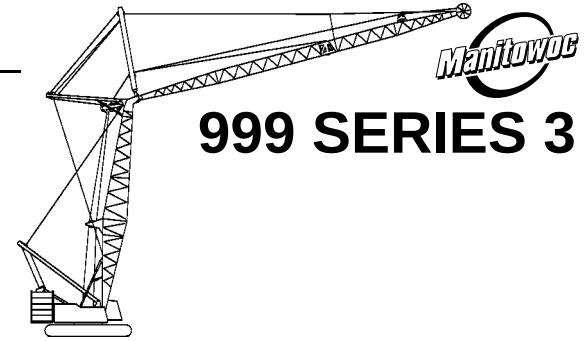
140 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.8	209.5	15,000 *																		30	
35	71.1	207.9	15,000 *																		35	
40	66.2	205.8	15,000 *																		40	
45	61.2	203.2	15,000 *																		45	
50	55.9	200.0	15,000 *	68.4	205.6	15,000 *															50	
55	50.1	196.1	13,900 *	63.4	203.2	15,000 *															55	
60	43.9	191.2	11,800 *	58.2	200.3	15,000 *	65.6	203.2	15,000 *												60	
65	36.8	185.0	10,200 *	52.7	196.7	15,000 *	60.6	200.5	15,000 *												65	
70	28.1	176.8	8,900 *	46.7	192.3	12,700 *	55.2	197.2	15,000 *												70	
75	15.2	163.4	8,000 *	40.0	186.7	10,900 *	49.4	193.2	13,700 *	62.5	198.7	15,000 *									75	
80				32.1	179.5	9,500 *	43.1	188.2	11,700 *	57.2	195.7	15,000 *									80	
85				21.8	169.2	8,400 *	35.8	181.8	10,100 *	51.6	191.9	14,800 *									85	
90							26.9	173.2	8,900 *	45.5	187.3	12,500 *									90	
95							12.8	158.3	7,900 *	38.7	181.6	10,700 *	53.5	189.4	15,000 *						95	
100										30.5	174.0	9,300 *	47.5	185.1	13,200 *						100	
105										19.4	162.6	8,200 *	41.0	179.7	11,300 *						105	
110													33.3	172.8	9,800 *	49.0	181.3	13,800 *			110	
115													23.5	163.1	8,600 *	42.6	176.2	11,800 *			115	
120																35.3	169.8	10,200 *			120	
125																26.2	161.0	8,900 *	43.6	171.3	12,100 *	125
130																11.2	145.1	7,900 *	36.5	165.1	10,400 *	130
135																			27.7	156.7	9,100 *	135
140																			14.5	142.9	8,100 *	140

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

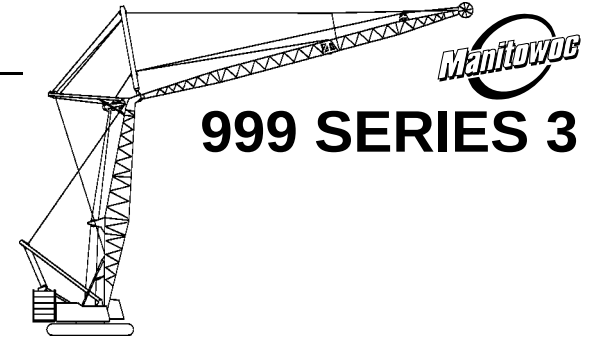
140 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.8	209.5	15,000 *																		30	
35	71.1	207.9	15,000 *																		35	
40	66.2	205.8	15,000 *																		40	
45	61.2	203.2	15,000 *																		45	
50	55.9	200.0	15,000 *	68.4	205.6	15,000 *															50	
55	50.1	196.1	13,500 *	63.4	203.2	15,000 *															55	
60	43.9	191.2	11,500 *	58.2	200.3	15,000 *	65.6	203.2	15,000 *												60	
65	36.8	185.0	9,900 *	52.7	196.7	14,600 *	60.6	200.5	15,000 *												65	
70	28.1	176.8	8,700 *	46.7	192.3	12,400 *	55.2	197.2	15,000 *												70	
75	15.2	163.4	7,800 *	40.0	186.7	10,600 *	49.4	193.2	13,300 *	62.5	198.7	15,000 *									75	
80				32.1	179.5	9,300 *	43.1	188.2	11,400 *	57.2	195.7	15,000 *									80	
85				21.8	169.2	8,200 *	35.8	181.8	9,900 *	51.6	191.9	14,300 *									85	
90							26.9	173.2	8,700 *	45.5	187.3	12,100 *									90	
95							12.8	158.3	7,700 *	38.7	181.6	10,500 *	53.5	189.4	15,000 *						95	
100										30.5	174.0	9,100 *	47.5	185.1	12,800 *						100	
105										19.4	162.6	8,100 *	41.0	179.7	11,000 *						105	
110													33.3	172.8	9,600 *	49.0	181.3	13,400 *			110	
115													23.5	163.1	8,400 *	42.6	176.2	11,500 *			115	
120																35.3	169.8	9,900 *			120	
125																26.2	161.0	8,700 *	43.6	171.3	11,800 *	125
130																11.2	145.1	7,800 *	36.5	165.1	10,200 *	130
135																			27.7	156.7	8,900 *	135
140																			14.5	142.9	7,900 *	140

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

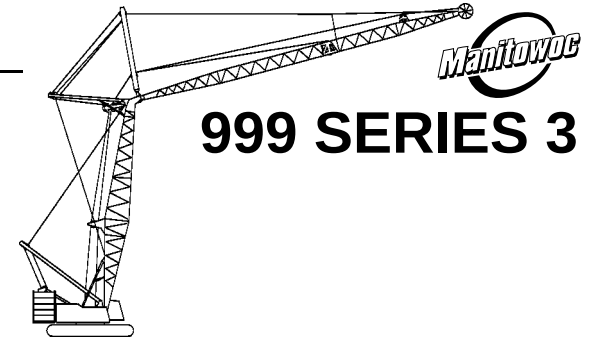


140 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
30	75.8	209.5	15,000 *																		30	
35	71.1	207.9	15,000 *																		35	
40	66.2	205.8	15,000 *																		40	
45	61.2	203.2	15,000 *																		45	
50	55.9	200.0	15,000 *	68.4	205.6	15,000 *															50	
55	50.1	196.1	13,400 *	63.4	203.2	15,000 *															55	
60	43.9	191.2	11,500 *	58.2	200.3	15,000 *	65.6	203.2	15,000 *												60	
65	36.8	185.0	10,000 *	52.7	196.7	14,500 *	60.6	200.5	15,000 *												65	
70	28.1	176.8	8,800 *	46.7	192.3	12,300 *	55.2	197.2	15,000 *												70	
75	15.2	163.4	7,900 *	40.0	186.7	10,600 *	49.4	193.2	13,300 *	62.5	198.7	15,000 *									75	
80				32.1	179.5	9,300 *	43.1	188.2	11,400 *	57.2	195.7	15,000 *									80	
85				21.8	169.2	8,300 *	35.8	181.8	9,900 *	51.6	191.9	14,200 *									85	
90							26.9	173.2	8,700 *	45.5	187.3	12,100 *									90	
95							12.8	158.3	7,800 *	38.7	181.6	10,500 *	53.5	189.4	15,000 *						95	
100										30.5	174.0	9,200 *	47.5	185.1	12,800 *						100	
105										19.4	162.6	8,200 *	41.0	179.7	11,000 *						105	
110													33.3	172.8	9,600 *	49.0	181.3	13,400 *			110	
115													23.5	163.1	8,500 *	42.6	176.2	11,400 *			115	
120																35.3	169.8	9,900 *			120	
125																26.2	161.0	8,800 *	43.6	171.3	11,700 *	125
130																11.2	145.1	7,900 *	36.5	165.1	10,200 *	130
135																			27.7	156.7	9,000 *	135
140																			14.5	142.9	8,000 *	140

Liftcrane Luffing Jib Intermediate Fall Capacities

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



Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

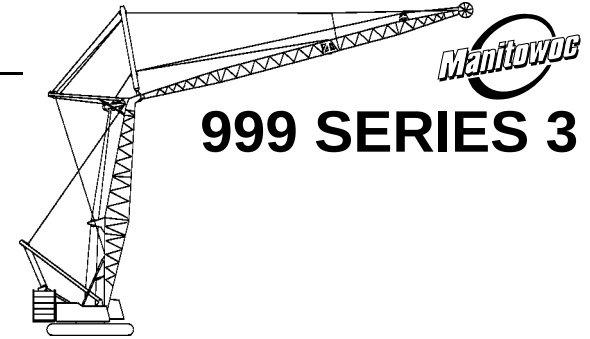
150 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.4	218.0	15,000 *																			35
40	66.6	216.0	15,000 *																			40
45	61.5	213.4	15,000 *																			45
50	56.2	210.2	15,000 *	69.5	216.0	15,000 *																50
55	50.6	206.4	15,000 *	64.6	213.8	15,000 *																55
60	44.3	201.6	13,300 *	59.5	211.0	15,000 *	67.4	213.8	15,000 *													60
65	37.3	195.5	11,500 *	54.1	207.6	15,000 *	62.3	211.3	15,000 *													65
70	28.8	187.4	10,100 *	48.2	203.4	14,700 *	57.1	208.3	15,000 *													70
75	16.5	174.7	9,000 *	41.7	198.1	12,600 *	51.5	204.5	15,000 *													75
80				34.2	191.4	11,000 *	45.4	199.9	13,800 *	60.0	207.0	15,000 *										80
85				24.7	182.1	9,700 *	38.5	194.1	11,900 *	54.6	203.6	15,000 *										85
90				6.6	162.6	8,600 *	30.3	186.4	10,400 *	48.8	199.5	15,000 *										90
95							18.9	174.8	9,200 *	42.4	194.4	13,000 *	57.3	201.2	15,000 *							95
100										35.0	187.9	11,300 *	51.7	197.5	15,000 *							100
105										25.8	178.9	9,900 *	45.6	192.9	14,100 *							105
110										10.1	162.2	8,800 *	38.7	187.1	12,100 *							110
115													30.6	179.5	10,600 *	48.1	189.7	15,000 *				115
120													19.4	168.2	9,300 *	41.6	184.4	12,900 *				120
125																34.1	177.7	11,200 *				125
130																24.5	168.3	9,800 *	43.6	179.9	13,600 *	130
135																5.7	148.1	8,700 *	36.5	173.7	11,700 *	135
140																			27.7	165.4	10,300 *	140
145																			14.5	151.5	9,100 *	145

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



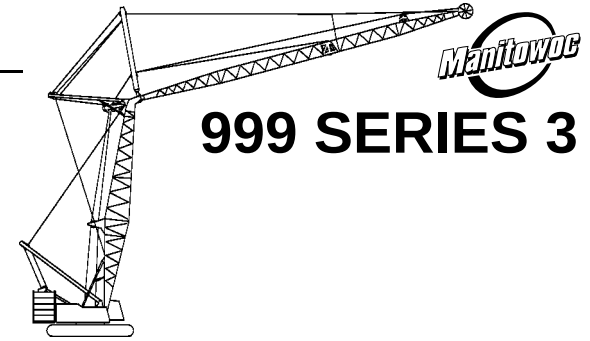
999 SERIES 3

150 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.4	218.0	15,000 *																			35
40	66.6	216.0	15,000 *																			40
45	61.5	213.4	15,000 *																			45
50	56.2	210.2	15,000 *	69.5	216.0	15,000 *																50
55	50.6	206.4	15,000 *	64.6	213.8	15,000 *																55
60	44.3	201.6	14,600 *	59.5	211.0	15,000 *	67.4	213.8	15,000 *													60
65	37.3	195.5	12,700 *	54.1	207.6	15,000 *	62.3	211.3	15,000 *													65
70	28.8	187.4	11,100 *	48.2	203.4	15,000 *	57.1	208.3	15,000 *													70
75	16.5	174.7	9,800 *	41.7	198.1	13,900 *	51.5	204.5	15,000 *													75
80				34.2	191.4	12,100 *	45.4	199.9	15,000 *	60.0	207.0	15,000 *										80
85				24.7	182.1	10,600 *	38.5	194.1	13,100 *	54.6	203.6	15,000 *										85
90				6.6	162.6	9,400 *	30.3	186.4	11,400 *	48.8	199.5	15,000 *										90
95							18.9	174.8	10,100 *	42.4	194.4	14,300 *	57.3	201.2	15,000 *							95
100										35.0	187.9	12,400 *	51.7	197.5	15,000 *							100
105										25.8	178.9	10,900 *	45.6	192.9	15,000 *							105
110										10.1	162.2	9,600 *	38.7	187.1	13,400 *							110
115													30.6	179.5	11,600 *	48.1	189.7	15,000 *				115
120													19.4	168.2	10,300 *	41.6	184.4	14,300 *				120
125																34.1	177.7	12,400 *				125
130																24.5	168.3	10,800 *	43.6	179.9	15,000 *	130
135																5.7	148.1	9,600 *	36.5	173.7	12,900 *	135
140																			27.7	165.4	11,300 *	140
145																			14.5	151.5	10,000 *	145

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

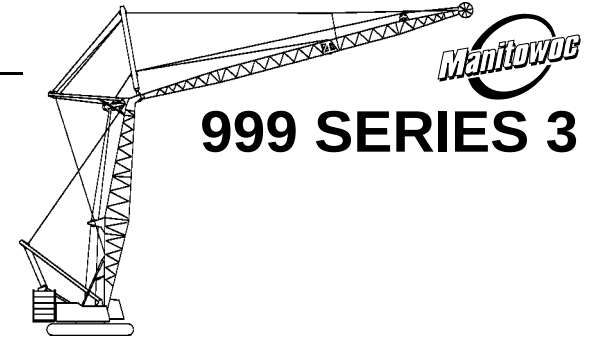
150 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.4	218.0	15,000 *																			35
40	66.6	216.0	15,000 *																			40
45	61.5	213.4	15,000 *																			45
50	56.2	210.2	15,000 *	69.5	216.0	15,000 *																50
55	50.6	206.4	15,000 *	64.6	213.8	15,000 *																55
60	44.3	201.6	14,200 *	59.5	211.0	15,000 *	67.4	213.8	15,000 *													60
65	37.3	195.5	12,300 *	54.1	207.6	15,000 *	62.3	211.3	15,000 *													65
70	28.8	187.4	10,800 *	48.2	203.4	15,000 *	57.1	208.3	15,000 *													70
75	16.5	174.7	9,600 *	41.7	198.1	13,500 *	51.5	204.5	15,000 *													75
80				34.2	191.4	11,800 *	45.4	199.9	14,800 *	60.0	207.0	15,000 *										80
85				24.7	182.1	10,400 *	38.5	194.1	12,800 *	54.6	203.6	15,000 *										85
90				6.6	162.6	9,300 *	30.3	186.4	11,200 *	48.8	199.5	15,000 *										90
95							18.9	174.8	9,900 *	42.4	194.4	13,900 *	57.3	201.2	15,000 *							95
100										35.0	187.9	12,100 *	51.7	197.5	15,000 *							100
105										25.8	178.9	10,600 *	45.6	192.9	15,000 *							105
110										10.1	162.2	9,500 *	38.7	187.1	13,000 *							110
115													30.6	179.5	11,400 *	48.1	189.7	15,000 *				115
120													19.4	168.2	10,100 *	41.6	184.4	13,900 *				120
125																34.1	177.7	12,000 *				125
130																24.5	168.3	10,600 *				130
135																5.7	148.1	9,500 *	43.6	179.9	14,600 *	135
140																			36.5	173.7	12,600 *	140
145																			27.7	165.4	11,000 *	145
																			14.5	151.5	9,800 *	145

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

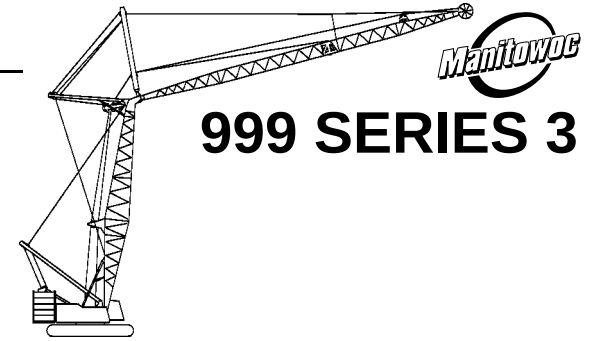


150 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
35	71.4	218.0	15,000 *																		35	
40	66.6	216.0	15,000 *																		40	
45	61.5	213.4	15,000 *																		45	
50	56.2	210.2	15,000 *	69.5	216.0	15,000 *															50	
55	50.6	206.4	14,800 *	64.6	213.8	15,000 *															55	
60	44.3	201.6	12,600 *	59.5	211.0	15,000 *	67.4	213.8	15,000 *												60	
65	37.3	195.5	10,900 *	54.1	207.6	15,000 *	62.3	211.3	15,000 *												65	
70	28.8	187.4	9,500 *	48.2	203.4	14,000 *	57.1	208.3	15,000 *												70	
75	16.5	174.7	8,400 *	41.7	198.1	12,000 *	51.5	204.5	15,000 *												75	
80				34.2	191.4	10,400 *	45.4	199.9	13,100 *	60.0	207.0	15,000 *									80	
85				24.7	182.1	9,100 *	38.5	194.1	11,300 *	54.6	203.6	15,000 *									85	
90				6.6	162.6	8,100 *	30.3	186.4	9,800 *	48.8	199.5	14,500 *									90	
95							18.9	174.8	8,700 *	42.4	194.4	12,300 *	57.3	201.2	15,000 *						95	
100										35.0	187.9	10,600 *	51.7	197.5	15,000 *						100	
105										25.8	178.9	9,300 *	45.6	192.9	13,400 *						105	
110										10.1	162.2	8,300 *	38.7	187.1	11,500 *						110	
115													30.6	179.5	10,000 *	48.1	189.7	14,400 *			115	
120													19.4	168.2	8,800 *	41.6	184.4	12,300 *			120	
125																34.1	177.7	10,600 *			125	
130																24.5	168.3	9,300 *	43.6	179.9	12,900 *	130
135																5.7	148.1	8,300 *	36.5	173.7	11,100 *	135
140																			27.7	165.4	9,700 *	140
145																			14.5	151.5	8,600 *	145

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

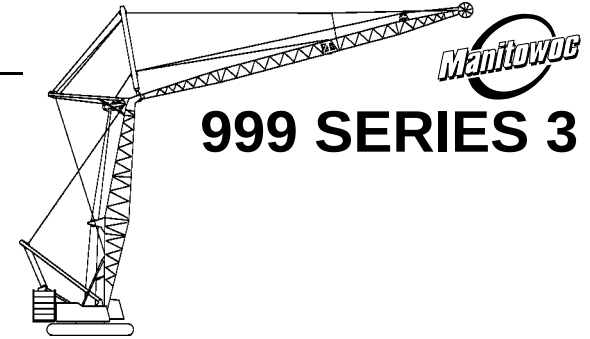
150 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.4	218.0	15,000 *																			35
40	66.6	216.0	15,000 *																			40
45	61.5	213.4	15,000 *																			45
50	56.2	210.2	15,000 *	69.5	216.0	15,000 *																50
55	50.6	206.4	14,100 *	64.6	213.8	15,000 *																55
60	44.3	201.6	12,000 *	59.5	211.0	15,000 *	67.4	213.8	15,000 *													60
65	37.3	195.5	10,300 *	54.1	207.6	15,000 *	62.3	211.3	15,000 *													65
70	28.8	187.4	9,000 *	48.2	203.4	13,300 *	57.1	208.3	15,000 *													70
75	16.5	174.7	8,000 *	41.7	198.1	11,400 *	51.5	204.5	14,700 *													75
80				34.2	191.4	9,900 *	45.4	199.9	12,400 *	60.0	207.0	15,000 *										80
85				24.7	182.1	8,700 *	38.5	194.1	10,700 *	54.6	203.6	15,000 *										85
90				6.6	162.6	7,700 *	30.3	186.4	9,300 *	48.8	199.5	13,700 *										90
95							18.9	174.8	8,200 *	42.4	194.4	11,700 *	57.3	201.2	15,000 *							95
100										35.0	187.9	10,100 *	51.7	197.5	15,000 *							100
105										25.8	178.9	8,800 *	45.6	192.9	12,700 *							105
110										10.1	162.2	7,900 *	38.7	187.1	10,900 *							110
115													30.6	179.5	9,500 *	48.1	189.7	13,700 *				115
120													19.4	168.2	8,300 *	41.6	184.4	11,600 *				120
125																34.1	177.7	10,100 *				125
130																24.5	168.3	8,800 *	43.6	179.9	12,300 *	130
135																5.7	148.1	7,800 *	36.5	173.7	10,500 *	135
140																			27.7	165.4	9,200 *	140
145																			14.5	151.5	8,100 *	145

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



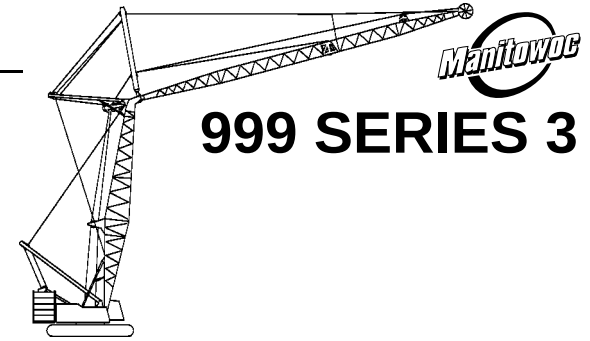
999 SERIES 3

150 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
35	71.4	218.0	15,000 *																		35	
40	66.6	216.0	15,000 *																		40	
45	61.5	213.4	15,000 *																		45	
50	56.2	210.2	15,000 *	69.5	216.0	15,000 *															50	
55	50.6	206.4	13,700 *	64.6	213.8	15,000 *															55	
60	44.3	201.6	11,700 *	59.5	211.0	15,000 *	67.4	213.8	15,000 *												60	
65	37.3	195.5	10,100 *	54.1	207.6	15,000 *	62.3	211.3	15,000 *												65	
70	28.8	187.4	8,800 *	48.2	203.4	12,900 *	57.1	208.3	15,000 *												70	
75	16.5	174.7	7,900 *	41.7	198.1	11,100 *	51.5	204.5	14,300 *												75	
80				34.2	191.4	9,600 *	45.4	199.9	12,100 *	60.0	207.0	15,000 *									80	
85				24.7	182.1	8,500 *	38.5	194.1	10,400 *	54.6	203.6	15,000 *									85	
90				6.6	162.6	7,600 *	30.3	186.4	9,100 *	48.8	199.5	13,300 *									90	
95							18.9	174.8	8,100 *	42.4	194.4	11,400 *	57.3	201.2	15,000 *						95	
100										35.0	187.9	9,900 *	51.7	197.5	14,600 *						100	
105										25.8	178.9	8,700 *	45.6	192.9	12,400 *						105	
110										10.1	162.2	7,700 *	38.7	187.1	10,600 *						110	
115													30.6	179.5	9,300 *	48.1	189.7	13,300 *			115	
120													19.4	168.2	8,200 *	41.6	184.4	11,300 *			120	
125																34.1	177.7	9,800 *			125	
130																24.5	168.3	8,600 *	43.6	179.9	11,600	130
135																5.7	148.1	7,700 *	36.5	173.7	10,100	135
140																			27.7	165.4	8,700	140
145																			14.5	151.5	7,300	145

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

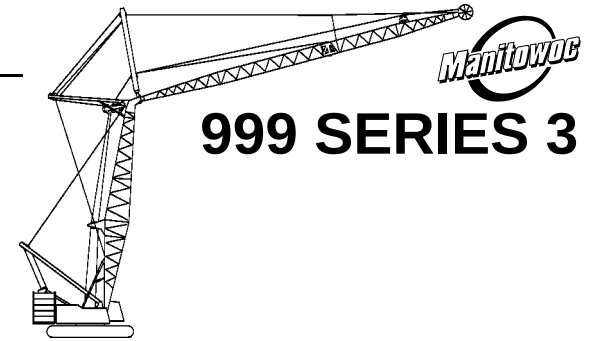
150 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.4	218.0	15,000 *																			35
40	66.6	216.0	15,000 *																			40
45	61.5	213.4	15,000 *																			45
50	56.2	210.2	15,000 *	69.5	216.0	15,000 *																50
55	50.6	206.4	13,600 *	64.6	213.8	15,000 *																55
60	44.3	201.6	11,600 *	59.5	211.0	15,000 *	67.4	213.8	15,000 *													60
65	37.3	195.5	10,100 *	54.1	207.6	15,000 *	62.3	211.3	15,000 *													65
70	28.8	187.4	8,900 *	48.2	203.4	12,900 *	57.1	208.3	15,000 *													70
75	16.5	174.7	8,000 *	41.7	198.1	11,100 *	51.5	204.5	14,200 *													75
80				34.2	191.4	9,700 *	45.4	199.9	12,100 *	60.0	207.0	15,000 *										80
85				24.7	182.1	8,600 *	38.5	194.1	10,400 *	54.6	203.6	15,000 *										85
90				6.6	162.6	7,700 *	30.3	186.4	9,200 *	48.8	199.5	13,200 *										90
95							18.9	174.8	8,200 *	42.4	194.4	11,400 *	57.3	201.2	15,000 *							95
100										35.0	187.9	9,900 *	51.7	197.5	14,500 *							100
105										25.8	178.9	8,700 *	45.6	192.9	12,300 *							105
110										10.1	162.2	7,900 *	38.7	187.1	10,600 *							110
115													30.6	179.5	9,300 *	48.1	189.7	13,200 *				115
120													19.4	168.2	8,300 *	41.6	184.4	11,300 *				120
125																34.1	177.7	9,800 *				125
130																24.5	168.3	8,700 *	43.6	179.9	10,600	130
135																5.7	148.1	7,800 *	36.5	173.7	9,000	135
140																			27.7	165.4	7,600	140
145																			14.5	151.5	6,100	145

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



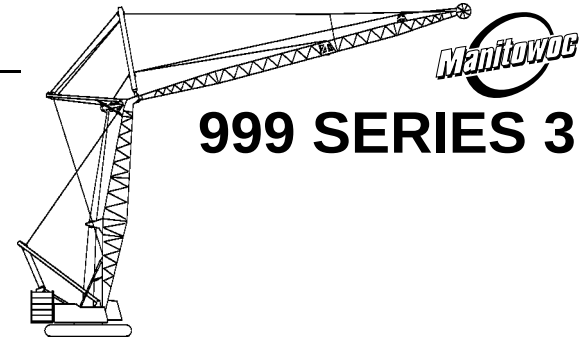
160 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	71.8	228.1	15,000 * ^b	70.7	226.4	15,000 *																			
40	66.9	226.1	15,000 *																						
45	61.9	223.6	15,000 *																						
50	56.6	220.5	15,000 *																						
55	51.0	216.6	15,000 *																						
60	44.8	211.9	13,500 *	60.8	221.7	15,000 *	64.1	222.1	15,000 *																
65	37.8	206.0	11,600 *	55.4	218.4	15,000 *																			
70	29.5	198.1	10,200 *	49.7	214.4	15,000 *																58.9	219.3	15,000 *	
75	17.6	185.9	9,100 *	43.4	209.4	13,200 *																53.5	215.7	15,000 *	
80				36.1	203.2	11,400 *																47.6	211.4	14,700 *	62.7
85				27.3	194.7	10,000 *	41.0	206.1	12,600 *	57.4	215.1	15,000 *													
90				13.7	180.4	8,900 *	33.3	199.2	11,000 *	51.8	211.4	15,000 *													
95							23.5	189.4	9,700 *	45.8	206.8	14,200 *													
100										39.0	201.1	12,200 *										55.5	209.5	15,000 *	
105										30.9	193.6	10,600 *										49.8	205.5	15,000 *	
110										19.9	182.4	9,400 *	43.5	200.6	13,600 *	47.1	198.0	15,000 *							
115													36.3	194.4	11,700 *										
120													27.5	185.9	10,200 *								40.5	192.6	12,800 *
125													14.1	171.9	9,100 *								32.7	185.5	11,100 *
130																									
135																22.7	175.5	9,800 *	43.6	188.6	13,800 *	135			
140																			36.5	182.4	11,900 *	140			
145																			27.7	174.0	10,400 *	145			
150																			14.5	160.2	9,200 *	150			

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

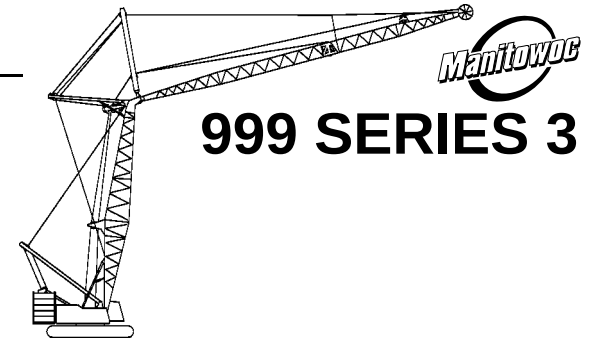
160 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.8	228.1	15,000 *																			35
40	66.9	226.1	15,000 *																			40
45	61.9	223.6	15,000 *																			45
50	56.6	220.5	15,000 *	70.7	226.4	15,000 *																50
55	51.0	216.6	15,000 *	65.8	224.3	15,000 *																55
60	44.8	211.9	14,900 *	60.8	221.7	15,000 *																60
65	37.8	206.0	12,800 *	55.4	218.4	15,000 *	64.1	222.1	15,000 *													65
70	29.5	198.1	11,200 *	49.7	214.4	15,000 *	58.9	219.3	15,000 *													70
75	17.6	185.9	9,900 *	43.4	209.4	14,500 *	53.5	215.7	15,000 *													75
80				36.1	203.2	12,600 *	47.6	211.4	15,000 *	62.7	218.1	15,000 *										80
85				27.3	194.7	11,000 *	41.0	206.1	13,900 *	57.4	215.1	15,000 *										85
90				13.7	180.4	9,700 *	33.3	199.2	12,100 *	51.8	211.4	15,000 *										90
95							23.5	189.4	10,600 *	45.8	206.8	15,000 *										95
100										39.0	201.1	13,500 *	55.5	209.5	15,000 *							100
105										30.9	193.6	11,700 *	49.8	205.5	15,000 *							105
110										19.9	182.4	10,300 *	43.5	200.6	15,000 *							110
115													36.3	194.4	12,900 *							115
120													27.5	185.9	11,300 *	47.1	198.0	15,000 *				120
125													14.1	171.9	10,000 *	40.5	192.6	14,100 *				125
130																32.7	185.5	12,200 *				130
135																22.7	175.5	10,700 *	43.6	188.6	13,200	135
140																			36.5	182.4	12,000	140
145																			27.7	174.0	10,800	145
150																			14.5	160.2	9,700	150

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



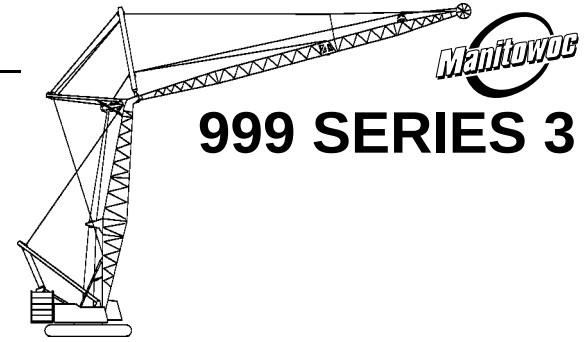
160 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.8	228.1	15,000 *																			35
40	66.9	226.1	15,000 *																			40
45	61.9	223.6	15,000 *																			45
50	56.6	220.5	15,000 *	70.7	226.4	15,000 *																50
55	51.0	216.6	15,000 *	65.8	224.3	15,000 *																55
60	44.8	211.9	14,400 *	60.8	221.7	15,000 *																60
65	37.8	206.0	12,500 *	55.4	218.4	15,000 *	64.1	222.1	15,000 *													65
70	29.5	198.1	11,000 *	49.7	214.4	15,000 *	58.9	219.3	15,000 *													70
75	17.6	185.9	9,700 *	43.4	209.4	14,100 *	53.5	215.7	15,000 *													75
80				36.1	203.2	12,300 *	47.6	211.4	15,000 *	62.7	218.1	15,000 *										80
85				27.3	194.7	10,800 *	41.0	206.1	13,500 *	57.4	215.1	15,000 *										85
90				13.7	180.4	9,600 *	33.3	199.2	11,800 *	51.8	211.4	15,000 *										90
95							23.5	189.4	10,400 *	45.8	206.8	15,000 *										95
100										39.0	201.1	13,100 *	55.5	209.5	15,000 *							100
105										30.9	193.6	11,400 *	49.8	205.5	15,000 *							105
110										19.9	182.4	10,100 *	43.5	200.6	14,500 *							110
115													36.3	194.4	12,600 *							115
120													27.5	185.9	11,000 *	47.1	198.0	15,000 *				120
125													14.1	171.9	9,800 *	40.5	192.6	13,700 *				125
130																32.7	185.5	11,900 *				130
135																22.7	175.5	10,500 *	43.6	188.6	12,300	135
140																			36.5	182.4	11,100	140
145																			27.7	174.0	9,900	145
150																			14.5	160.2	8,700	150

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

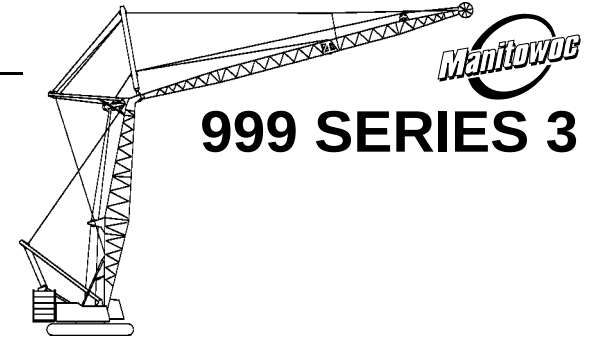
160 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.8	228.1	15,000 *																			35
40	66.9	226.1	15,000 *																			40
45	61.9	223.6	15,000 *																			45
50	56.6	220.5	15,000 *	70.7	226.4	15,000 *																50
55	51.0	216.6	15,000 *	65.8	224.3	15,000 *																55
60	44.8	211.9	12,800 *	60.8	221.7	15,000 *																60
65	37.8	206.0	11,000 *	55.4	218.4	15,000 *	64.1	222.1	15,000 *													65
70	29.5	198.1	9,600 *	49.7	214.4	14,700 *	58.9	219.3	15,000 *													70
75	17.6	185.9	8,500 *	43.4	209.4	12,500 *	53.5	215.7	15,000 *													75
80				36.1	203.2	10,800 *	47.6	211.4	14,000 *	62.7	218.1	15,000 *										80
85				27.3	194.7	9,500 *	41.0	206.1	12,000 *	57.4	215.1	15,000 *										85
90				13.7	180.4	8,400 *	33.3	199.2	10,400 *	51.8	211.4	15,000 *										90
95							23.5	189.4	9,100 *	45.8	206.8	13,500 *										95
100										39.0	201.1	11,600 *	55.5	209.5	15,000 *							100
105										30.9	193.6	10,100 *	49.8	205.5	15,000 *							105
110										19.9	182.4	8,800 *	43.5	200.6	12,900 *							110
115													36.3	194.4	11,100 *							115
120													27.5	185.9	9,700 *	47.1	198.0	14,300 *				120
125													14.1	171.9	8,600 *	40.5	192.6	12,100 *				125
130																32.7	185.5	10,500 *				130
135																22.7	175.5	9,200 *	43.6	188.6	11,100	135
140																			36.5	182.4	9,900	140
145																			27.7	174.0	8,600	145
150																			14.5	160.2	7,400	150

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

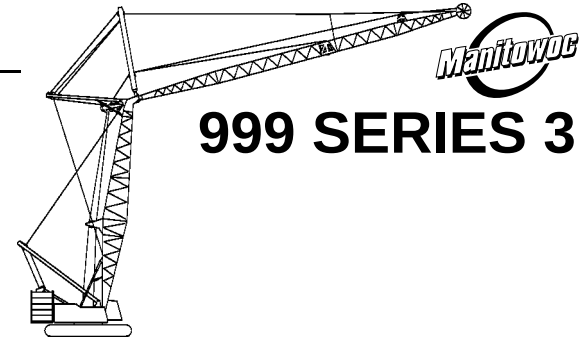
160 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.8	228.1	15,000 *																			35
40	66.9	226.1	15,000 *																			40
45	61.9	223.6	15,000 *																			45
50	56.6	220.5	15,000 *	70.7	226.4	15,000 *																50
55	51.0	216.6	14,300 *	65.8	224.3	15,000 *																55
60	44.8	211.9	12,200 *	60.8	221.7	15,000 *																60
65	37.8	206.0	10,500 *	55.4	218.4	15,000 *	64.1	222.1	15,000 *													65
70	29.5	198.1	9,200 *	49.7	214.4	14,000 *	58.9	219.3	15,000 *													70
75	17.6	185.9	8,100 *	43.4	209.4	11,900 *	53.5	215.7	15,000 *													75
80				36.1	203.2	10,300 *	47.6	211.4	13,300 *	62.7	218.1	15,000 *										80
85				27.3	194.7	9,000 *	41.0	206.1	11,300 *	57.4	215.1	15,000 *										85
90				13.7	180.4	8,000 *	33.3	199.2	9,800 *	51.8	211.4	15,000 *										90
95							23.5	189.4	8,600 *	45.8	206.8	12,800 *										95
100										39.0	201.1	11,000 *	55.5	209.5	15,000 *							100
105										30.9	193.6	9,500 *	49.8	205.5	14,400 *							105
110										19.9	182.4	8,400 *	43.5	200.6	12,200 *							110
115													36.3	194.4	10,500 *							115
120													27.5	185.9	9,200 *	47.1	198.0	13,500 *				120
125													14.1	171.9	8,100 *	40.5	192.6	11,500 *				125
130																32.7	185.5	10,000 *				130
135																22.7	175.5	8,700 *	43.6	188.6	10,500	135
140																			36.5	182.4	9,200	140
145																			27.7	174.0	8,000	145
150																			14.5	160.2	6,700	150

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



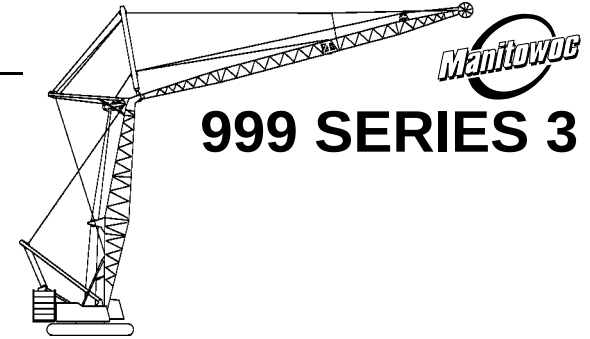
160 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	71.8	228.1	15,000 *	70.7	226.4	15,000 *																			
40	66.9	226.1	15,000 *																						
45	61.9	223.6	15,000 *																						
50	56.6	220.5	15,000 *																						
55	51.0	216.6	13,900 *																						
60	44.8	211.9	11,800 *	60.8	221.7	15,000 *	64.1	222.1	15,000 *																
65	37.8	206.0	10,200 *	55.4	218.4	15,000 *																			
70	29.5	198.1	9,000 *	49.7	214.4	13,600 *																58.9	219.3	15,000 *	
75	17.6	185.9	8,000 *	43.4	209.4	11,600 *																53.5	215.7	15,000 *	
80				36.1	203.2	10,000 *																47.6	211.4	12,900 *	62.7
85				27.3	194.7	8,800 *	41.0	206.1	11,100 *	57.4	215.1	15,000 *													
90				13.7	180.4	7,800 *	33.3	199.2	9,600 *	51.8	211.4	14,800 *													
95							23.5	189.4	8,500 *	45.8	206.8	12,500 *													
100										39.0	201.1	10,700 *										55.5	209.5	15,000 *	
105										30.9	193.6	9,300 *										49.8	205.5	14,000 *	
110										19.9	182.4	8,200 *	43.5	200.6	11,900 *										
115													36.3	194.4	10,300 *										
120													27.5	185.9	9,000 *								47.1	198.0	13,100 *
125													14.1	171.9	8,000 *								40.5	192.6	11,200 *
130																							32.7	185.5	9,700 *
135																22.7	175.5	8,600 *	43.6	188.6	9,300				
140																			36.5	182.4	7,900				
145																			27.7	174.0	6,700				
150																			14.5	160.2	5,400				

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



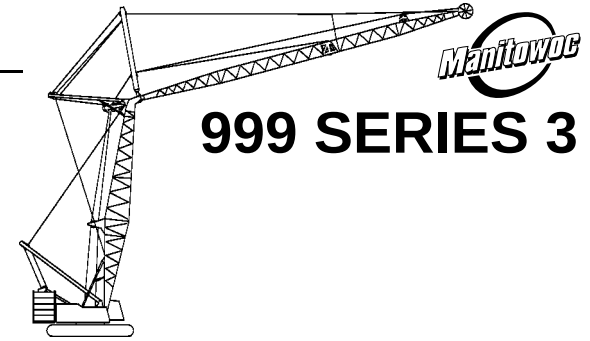
999 SERIES 3

160 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	71.8	228.1	15,000 *																			35
40	66.9	226.1	15,000 *																			40
45	61.9	223.6	15,000 *																			45
50	56.6	220.5	15,000 *	70.7	226.4	15,000 *																50
55	51.0	216.6	13,800 *	65.8	224.3	15,000 *																55
60	44.8	211.9	11,800 *	60.8	221.7	15,000 *																60
65	37.8	206.0	10,200 *	55.4	218.4	15,000 *	64.1	222.1	15,000 *													65
70	29.5	198.1	9,000 *	49.7	214.4	13,500 *	58.9	219.3	15,000 *													70
75	17.6	185.9	8,100 *	43.4	209.4	11,500 *	53.5	215.7	15,000 *													75
80				36.1	203.2	10,000 *	47.6	211.4	12,800 *	62.7	218.1	15,000 *										80
85				27.3	194.7	8,900 *	41.0	206.1	11,000 *	57.4	215.1	15,000 *										85
90				13.7	180.4	7,900 *	33.3	199.2	9,600 *	51.8	211.4	14,600 *										90
95							23.5	189.4	8,500 *	45.8	206.8	12,400 *										95
100										39.0	201.1	10,700 *	55.5	209.5	15,000 *							100
105										30.9	193.6	9,400 *	49.8	205.5	13,900 *							105
110										19.9	182.4	8,300 *	43.5	200.6	11,900 *							110
115													36.3	194.4	10,300 *							115
120													27.5	185.9	9,000 *	47.1	198.0	13,100 *				120
125													14.1	171.9	8,100 *	40.5	192.6	11,200 *				125
130																32.7	185.5	9,800 *				130
135																22.7	175.5	8,600 *	43.6	188.6	8,300	135
140																			36.5	182.4	6,900	140
145																			27.7	174.0	5,600	145
150																			14.5	160.2	4,300	150

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

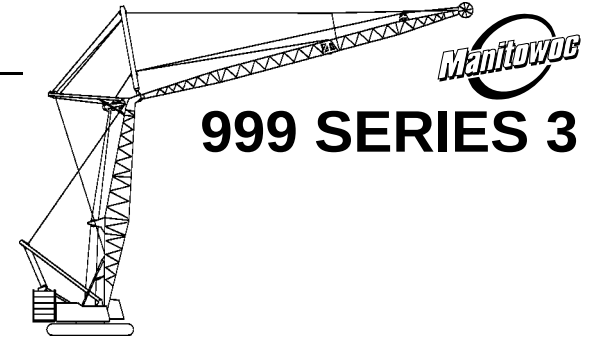
170 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
40	67.3	236.3	15,000 *																			40
45	62.3	233.8	15,000 *																			45
50	57.0	230.7	15,000 *																			50
55	51.4	226.9	15,000 *	67.0	234.8	15,000 *																55
60	45.3	222.3	13,700 *	62.0	232.3	15,000 *																60
65	38.4	216.4	11,800 *	56.7	229.2	15,000 *	65.8	232.8	15,000 *													65
70	30.1	208.7	10,300 *	51.1	225.4	15,000 *	60.8	230.2	15,000 *													70
75	18.7	197.1	9,200 *	45.0	220.7	13,800 *	55.4	226.9	15,000 *													75
80				38.0	214.8	11,900 *	49.7	222.9	15,000 *													80
85				29.7	207.0	10,400 *	43.4	217.9	13,400 *	60.2	226.4	15,000 *										85
90				18.0	195.0	9,200 *	36.2	211.7	11,600 *	54.8	223.1	15,000 *										90
95							27.3	203.2	10,100 *	49.0	219.0	15,000 *										95
100							13.7	188.9	9,000 *	42.6	213.9	13,300 *										100
105										35.3	207.4	11,500 *	53.8	217.7	15,000 *							105
110										26.1	198.6	10,100 *	47.9	213.5	15,000 *							110
115										11.1	182.6	8,900 *	41.3	208.2	13,100 *							115
120													33.8	201.4	11,300 *	52.2	210.8	15,000 *				120
125													24.1	191.9	9,900 *	46.2	206.3	14,800 *				125
130													2.8	168.8	8,800 *	39.4	200.7	12,700 *				130
135																31.4	193.3	11,000 *				135
140																20.7	182.5	9,700 *	43.6	197.2	12,200	140
145																			36.5	191.0	11,100	145
150																			27.7	182.7	10,100	150
155																			14.5	168.9	9,100	155

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



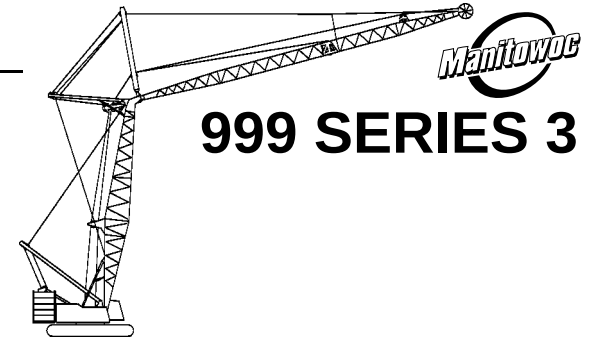
999 SERIES 3

170 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	72.1	238.2	15,000 *																			35
40	67.3	236.3	15,000 *																			40
45	62.3	233.8	15,000 *																			45
50	57.0	230.7	15,000 *																			50
55	51.4	226.9	15,000 *	67.0	234.8	15,000 *																55
60	45.3	222.3	15,000 *	62.0	232.3	15,000 *																60
65	38.4	216.4	13,000 *	56.7	229.2	15,000 *	65.8	232.8	15,000 *													65
70	30.1	208.7	11,400 *	51.1	225.4	15,000 *	60.8	230.2	15,000 *													70
75	18.7	197.1	10,000 *	45.0	220.7	15,000 *	55.4	226.9	15,000 *													75
80				38.0	214.8	13,100 *	49.7	222.9	15,000 *													80
85				29.7	207.0	11,400 *	43.4	217.9	14,800 *	60.2	226.4	15,000 *										85
90				18.0	195.0	10,100 *	36.2	211.7	12,800 *	54.8	223.1	15,000 *										90
95							27.3	203.2	11,200 *	49.0	219.0	15,000 *										95
100							13.7	188.9	9,900 *	42.6	213.9	14,700 *										100
105										35.3	207.4	12,700 *	53.8	217.7	15,000 *							105
110										26.1	198.6	11,100 *	47.9	213.5	15,000 *							110
115										11.1	182.6	9,800 *	41.3	208.2	14,500 *							115
120													33.8	201.4	12,500 *	52.2	210.8	15,000 *				120
125													24.1	191.9	11,000 *	46.2	206.3	15,000 *				125
130													2.8	168.8	9,700 *	39.4	200.7	14,000 *				130
135																31.4	193.3	12,100 *				135
140																20.7	182.5	10,700 *	43.6	197.2	11,100	140
145																			36.5	191.0	10,000	145
150																			27.7	182.7	8,900	150
155																			14.5	168.9	7,900	155

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

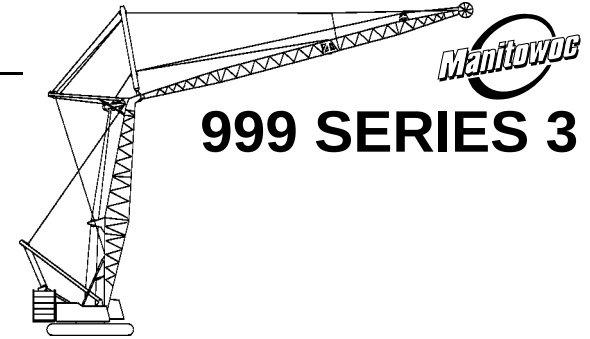
170 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	72.1	238.2	15,000 *																			35
40	67.3	236.3	15,000 *																			40
45	62.3	233.8	15,000 *																			45
50	57.0	230.7	15,000 *																			50
55	51.4	226.9	15,000 *	67.0	234.8	15,000 *																55
60	45.3	222.3	14,700 *	62.0	232.3	15,000 *																60
65	38.4	216.4	12,700 *	56.7	229.2	15,000 *	65.8	232.8	15,000 *													65
70	30.1	208.7	11,100 *	51.1	225.4	15,000 *	60.8	230.2	15,000 *													70
75	18.7	197.1	9,900 *	45.0	220.7	14,800 *	55.4	226.9	15,000 *													75
80				38.0	214.8	12,800 *	49.7	222.9	15,000 *													80
85				29.7	207.0	11,200 *	43.4	217.9	14,400 *	60.2	226.4	15,000 *										85
90				18.0	195.0	9,900 *	36.2	211.7	12,400 *	54.8	223.1	15,000 *										90
95							27.3	203.2	10,900 *	49.0	219.0	15,000 *										95
100							13.7	188.9	9,700 *	42.6	213.9	14,300 *										100
105										35.3	207.4	12,400 *	53.8	217.7	15,000 *							105
110										26.1	198.6	10,900 *	47.9	213.5	15,000 *							110
115										11.1	182.6	9,700 *	41.3	208.2	14,100 *							115
120													33.8	201.4	12,200 *	52.2	210.8	15,000 *				120
125													24.1	191.9	10,700 *	46.2	206.3	15,000 *				125
130													2.8	168.8	9,600 *	39.4	200.7	13,600 *				130
135																31.4	193.3	11,900 *				135
140																20.7	182.5	10,400 *	43.6	197.2	10,200	140
145																			36.5	191.0	9,100	145
150																			27.7	182.7	8,000	150
155																			14.5	168.9	6,900	155

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



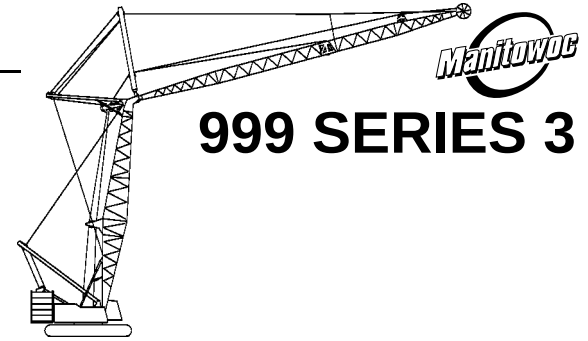
999 SERIES 3

170 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	72.1	238.2	15,000 *	67.0	234.8	15,000 *															35				
40	67.3	236.3	15,000 *																		40				
45	62.3	233.8	15,000 *																		45				
50	57.0	230.7	15,000 *																		50				
55	51.4	226.9	15,000 *																		55				
60	45.3	222.3	13,000 *	62.0	232.3	15,000 *	65.8	232.8	15,000 *												60				
65	38.4	216.4	11,200 *	56.7	229.2	15,000 *															65				
70	30.1	208.7	9,800 *	51.1	225.4	15,000 *															60.8	230.2	15,000 *	70	
75	18.7	197.1	8,600 *	45.0	220.7	13,100 *															55.4	226.9	15,000 *	75	
80				38.0	214.8	11,300 *															49.7	222.9	15,000 *	80	
85				29.7	207.0	9,800 *	43.4	217.9	12,700 *	60.2	226.4	15,000 *									85				
90				18.0	195.0	8,700 *	36.2	211.7	11,000 *	54.8	223.1	15,000 *									90				
95							27.3	203.2	9,600 *	49.0	219.0	14,900 *									95				
100							13.7	188.9	8,500 *	42.6	213.9	12,700 *									100				
105										35.3	207.4	10,900 *									53.8	217.7	15,000 *	105	
110										26.1	198.6	9,500 *	47.9	213.5	14,600 *	52.2	210.8	15,000 *				110			
115										11.1	182.6	8,500 *	41.3	208.2	12,400 *							115			
120													33.8	201.4	10,700 *							120			
125													24.1	191.9	9,400 *							46.2	206.3	14,100 *	125
130													2.8	168.8	8,300 *							39.4	200.7	12,000 *	130
135																31.4	193.3	10,400 *	43.6	197.2	9,100	135			
140																20.7	182.5	9,100 *				140			
145																		36.5				191.0	7,900	145	
150																		27.7				182.7	6,800	150	
155																		14.5				168.9	5,700	155	

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

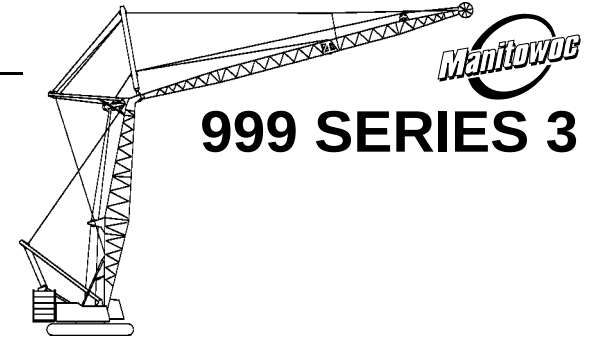
170 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	72.1	238.2	15,000 *																			35
40	67.3	236.3	15,000 *																			40
45	62.3	233.8	15,000 *																			45
50	57.0	230.7	15,000 *																			50
55	51.4	226.9	14,600 *	67.0	234.8	15,000 *																55
60	45.3	222.3	12,400 *	62.0	232.3	15,000 *																60
65	38.4	216.4	10,600 *	56.7	229.2	15,000 *	65.8	232.8	15,000 *													65
70	30.1	208.7	9,300 *	51.1	225.4	14,700 *	60.8	230.2	15,000 *													70
75	18.7	197.1	8,200 *	45.0	220.7	12,400 *	55.4	226.9	15,000 *													75
80				38.0	214.8	10,700 *	49.7	222.9	14,200 *													80
85				29.7	207.0	9,300 *	43.4	217.9	12,100 *	60.2	226.4	15,000 *										85
90				18.0	195.0	8,200 *	36.2	211.7	10,400 *	54.8	223.1	15,000 *										90
95							27.3	203.2	9,100 *	49.0	219.0	14,200 *										95
100							13.7	188.9	8,100 *	42.6	213.9	12,000 *										100
105										35.3	207.4	10,400 *	53.8	217.7	15,000 *							105
110										26.1	198.6	9,100 *	47.9	213.5	13,900 *							110
115										11.1	182.6	8,000 *	41.3	208.2	11,800 *							115
120													33.8	201.4	10,200 *	52.2	210.8	15,000 *				120
125													24.1	191.9	8,900 *	46.2	206.3	13,400 *				125
130													2.8	168.8	7,900 *	39.4	200.7	11,400 *				130
135																31.4	193.3	9,900 *				135
140																20.7	182.5	8,700 *	43.6	197.2	8,500	140
145																			36.5	191.0	7,300	145
150																			27.7	182.7	6,100	150
155																			14.5	168.9	5,000	155

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



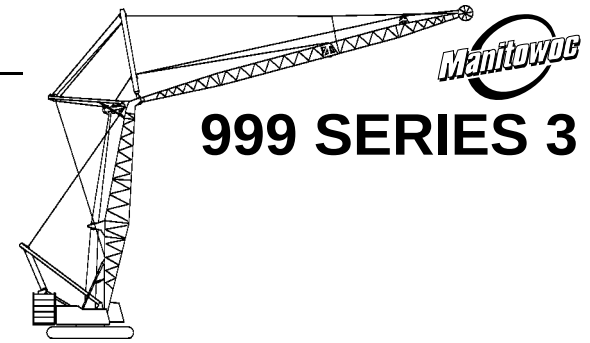
170 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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	
35	72.1	238.2	15,000 *															35	
40	67.3	236.3	15,000 *															40	
45	62.3	233.8	15,000 *															45	
50	57.0	230.7	15,000 *															50	
55	51.4	226.9	14,200 *	67.0	234.8	15,000 *												55	
60	45.3	222.3	12,000 *	62.0	232.3	15,000 *												60	
65	38.4	216.4	10,400 *	56.7	229.2	15,000 *	65.8	232.8	15,000 *									65	
70	30.1	208.7	9,100 *	51.1	225.4	14,300 *	60.8	230.2	15,000 *									70	
75	18.7	197.1	8,000 *	45.0	220.7	12,100 *	55.4	226.9	15,000 *									75	
80				38.0	214.8	10,400 *	49.7	222.9	13,800 *									80	
85				29.7	207.0	9,100 *	43.4	217.9	11,800 *	60.2	226.4	15,000 *						85	
90				18.0	195.0	8,100 *	36.2	211.7	10,200 *	54.8	223.1	15,000 *						90	
95							27.3	203.2	8,900 *	49.0	219.0	13,800 *						95	
100							13.7	188.9	7,900 *	42.6	213.9	11,700 *						100	
105										35.3	207.4	10,100 *	53.8	217.7	15,000 *			105	
110										26.1	198.6	8,900 *	47.9	213.5	13,500 *			110	
115										11.1	182.6	7,900 *	41.3	208.2	11,500 *			115	
120													33.8	201.4	10,000 *	52.2	210.8	15,000 *	120
125													24.1	191.9	8,700 *	46.2	206.3	13,000 *	125
130													2.8	168.8	7,800 *	39.4	200.7	11,100 *	130
135																31.4	193.3	9,700 *	135
140																20.7	182.5	8,500 *	140

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

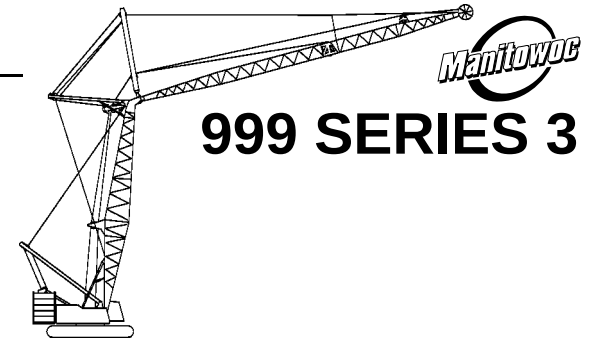
170 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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	
35	72.1	238.2	15,000 *																35
40	67.3	236.3	15,000 *																40
45	62.3	233.8	15,000 *																45
50	57.0	230.7	15,000 *																50
55	51.4	226.9	14,100 *	67.0	234.8	15,000 *													55
60	45.3	222.3	12,000 *	62.0	232.3	15,000 *													60
65	38.4	216.4	10,400 *	56.7	229.2	15,000 *	65.8	232.8	15,000 *										65
70	30.1	208.7	9,100 *	51.1	225.4	14,200 *	60.8	230.2	15,000 *										70
75	18.7	197.1	8,200 *	45.0	220.7	12,100 *	55.4	226.9	15,000 *										75
80				38.0	214.8	10,500 *	49.7	222.9	13,700 *										80
85				29.7	207.0	9,200 *	43.4	217.9	11,700 *	60.2	226.4	15,000 *							85
90				18.0	195.0	8,200 *	36.2	211.7	10,200 *	54.8	223.1	15,000 *							90
95							27.3	203.2	9,000 *	49.0	219.0	13,700 *							95
100							13.7	188.9	8,000 *	42.6	213.9	11,700 *							100
105										35.3	207.4	10,100 *	53.8	217.7	15,000 *				105
110										26.1	198.6	8,900 *	47.9	213.5	13,400 *				110
115										11.1	182.6	8,000 *	41.3	208.2	11,500 *				115
120													33.8	201.4	10,000 *	52.2	210.8	14,100	120
125													24.1	191.9	8,800 *	46.2	206.3	12,300	125
130													2.8	168.8	7,900 *	39.4	200.7	10,600	130
135																31.4	193.3	9,000	135
140																20.7	182.5	7,500	140

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

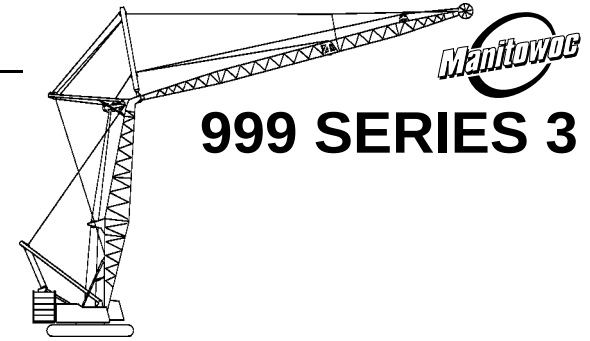
180 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds
40	67.6	246.4	15,000 *	68.2 63.3	245.3 242.9	15,000 * 15,000 *																		
45	62.6	244.0	15,000 *																					
50	57.4	240.9	15,000 *																					
55	51.8	237.2	15,000 *																					
60	45.7	232.6	13,900 *																					
65	38.9	226.9	12,000 *	58.1	239.9	15,000 *	67.6	243.4	15,000 *															
70	30.8	219.4	10,500 *	52.5	236.3	15,000 *	62.6	241.0	15,000 *															
75	19.7	208.1	9,300 *	46.5	231.9	14,400 *	57.3	238.0	15,000 *															
80				39.8	226.3	12,400 *	51.7	234.2	15,000 *															
85				31.9	219.0	10,800 *	45.6	229.6	14,200 *													62.9	237.6	15,000 *
90				21.4	208.5	9,500 *	38.8	223.9	12,300 *	57.6	234.6	15,000 *												
95							30.7	216.3	10,700 *	52.1	230.9	15,000 *												
100							19.6	205.0	9,400 *	46.0	226.3	14,600 *												
105										39.2	220.7	12,500 *										57.5	229.6	15,000 *
110										31.2	213.2	10,900 *										52.0	225.9	15,000 *
115										20.4	202.3	9,600 *	45.9	221.4	14,800 *	51.3 45.2 38.2	219.2 214.6 208.7	15,000 * 14,700 * 12,600 *						
120													39.1	215.6	12,600 *									
125													31.0	208.2	11,000 *									
130													20.1	197.1	9,700 *									
135																								
140																30.0	201.0	10,900 *	43.6	205.9	10,100	140		
145																18.5	189.2	9,600 *	36.5	199.7	9,100	145		
150																			27.7	191.3	8,200	150		
155																							155	
160																			14.5	177.5	7,300	160		

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



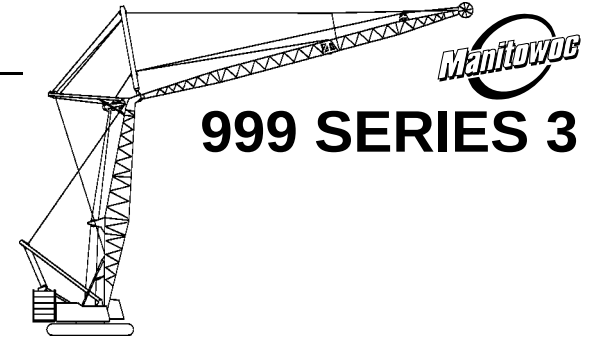
180 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
35	72.4	248.4	15,000 *																			35
40	67.6	246.4	15,000 *																			40
45	62.6	244.0	15,000 *																			45
50	57.4	240.9	15,000 *																			50
55	51.8	237.2	15,000 *	68.2	245.3	15,000 *																55
60	45.7	232.6	15,000 *	63.3	242.9	15,000 *																60
65	38.9	226.9	13,200 *	58.1	239.9	15,000 *	67.6	243.4	15,000 *													65
70	30.8	219.4	11,500 *	52.5	236.3	15,000 *	62.6	241.0	15,000 *													70
75	19.7	208.1	10,200 *	46.5	231.9	15,000 *	57.3	238.0	15,000 *													75
80				39.8	226.3	13,700 *	51.7	234.2	15,000 *													80
85				31.9	219.0	11,900 *	45.6	229.6	15,000 *	62.9	237.6	15,000 *										85
90				21.4	208.5	10,500 *	38.8	223.9	13,500 *	57.6	234.6	15,000 *										90
95							30.7	216.3	11,800 *	52.1	230.9	15,000 *										95
100							19.6	205.0	10,400 *	46.0	226.3	15,000 *										100
105										39.2	220.7	13,800 *	57.5	229.6	15,000 *							105
110										31.2	213.2	12,000 *	52.0	225.9	15,000 *							110
115										20.4	202.3	10,600 *	45.9	221.4	15,000 *							115
120													39.1	215.6	14,000 *							120
125													31.0	208.2	12,100 *	51.3	219.2	15,000 *				125
130													20.1	197.1	10,700 *	45.2	214.6	14,800 *				130
135																38.2	208.7	13,500				135
140																30.0	201.0	12,100 *				140
145																18.5	189.2	10,600 *				145
150																			43.6	205.9	9,000	145
155																			36.5	199.7	8,000	150
160																			27.7	191.3	7,100	155
																			14.5	177.5	6,100	160

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



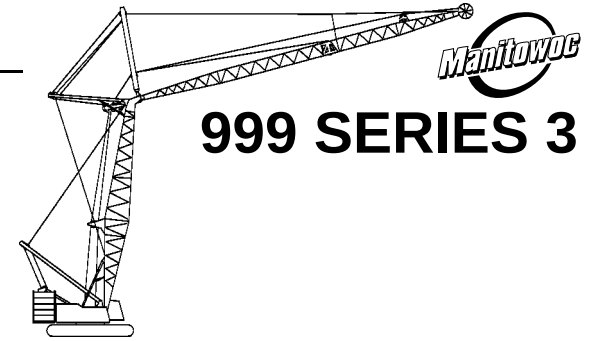
180 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
35	72.4	248.4	15,000 *																		35	
40	67.6	246.4	15,000 *																		40	
45	62.6	244.0	15,000 *																		45	
50	57.4	240.9	15,000 *																		50	
55	51.8	237.2	15,000 *	68.2	245.3	15,000 *															55	
60	45.7	232.6	14,900 *	63.3	242.9	15,000 *															60	
65	38.9	226.9	12,900 *	58.1	239.9	15,000 *	67.6	243.4	15,000 *												65	
70	30.8	219.4	11,300 *	52.5	236.3	15,000 *	62.6	241.0	15,000 *												70	
75	19.7	208.1	10,000 *	46.5	231.9	15,000 *	57.3	238.0	15,000 *												75	
80				39.8	226.3	13,300 *	51.7	234.2	15,000 *												80	
85				31.9	219.0	11,600 *	45.6	229.6	15,000 *	62.9	237.6	15,000 *									85	
90				21.4	208.5	10,300 *	38.8	223.9	13,200 *	57.6	234.6	15,000 *									90	
95							30.7	216.3	11,500 *	52.1	230.9	15,000 *									95	
100							19.6	205.0	10,200 *	46.0	226.3	15,000 *									100	
105										39.2	220.7	13,500 *	57.5	229.6	15,000 *						105	
110										31.2	213.2	11,700 *	52.0	225.9	15,000 *						110	
115										20.4	202.3	10,400 *	45.9	221.4	15,000 *						115	
120													39.1	215.6	13,600 *						120	
125													31.0	208.2	11,900 *	51.3	219.2	15,000 *			125	
130													20.1	197.1	10,400 *	45.2	214.6	13,900			130	
135																38.2	208.7	12,600			135	
140																30.0	201.0	11,300			140	
145																18.5	189.2	10,100	43.6	205.9	145	
150																			36.5	199.7	150	
155																			27.7	191.3	155	
160																			14.5	177.5	160	

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

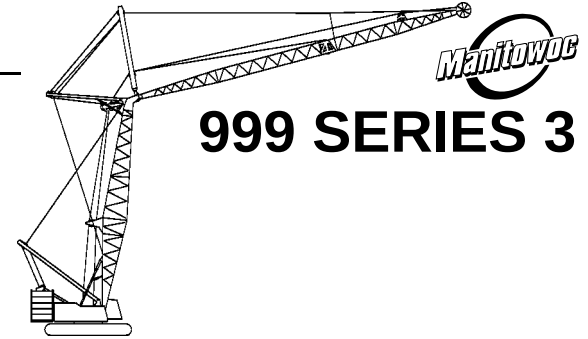
180 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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	
35	72.4	248.4	15,000 *															35	
40	67.6	246.4	15,000 *															40	
45	62.6	244.0	15,000 *															45	
50	57.4	240.9	15,000 *															50	
55	51.8	237.2	15,000 *	68.2	245.3	15,000 *												55	
60	45.7	232.6	13,200 *	63.3	242.9	15,000 *												60	
65	38.9	226.9	11,400 *	58.1	239.9	15,000 *	67.6	243.4	15,000 *									65	
70	30.8	219.4	9,900 *	52.5	236.3	15,000 *	62.6	241.0	15,000 *									70	
75	19.7	208.1	8,700 *	46.5	231.9	13,800 *	57.3	238.0	15,000 *									75	
80				39.8	226.3	11,800 *	51.7	234.2	15,000 *									80	
85				31.9	219.0	10,200 *	45.6	229.6	13,600 *	62.9	237.6	15,000 *						85	
90				21.4	208.5	9,000 *	38.8	223.9	11,700 *	57.6	234.6	15,000 *						90	
95							30.7	216.3	10,100 *	52.1	230.9	15,000 *						95	
100							19.6	205.0	8,900 *	46.0	226.3	14,000 *						100	
105										39.2	220.7	11,900 *	57.5	229.6	15,000 *			105	
110										31.2	213.2	10,300 *	52.0	225.9	15,000 *			110	
115										20.4	202.3	9,100 *	45.9	221.4	14,100 *			115	
120													39.1	215.6	12,000 *			120	
125													31.0	208.2	10,400 *	51.3	219.2	125	
130													20.1	197.1	9,100 *	45.2	214.6	130	
135																38.2	208.7	135	
140																30.0	201.0	140	
145																18.5	189.2	145	

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



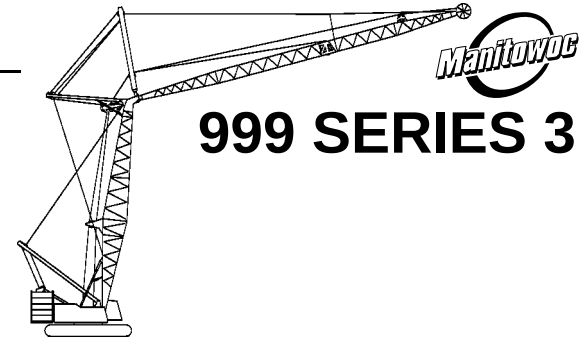
180 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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	
35	72.4	248.4	15,000 *															35	
40	67.6	246.4	15,000 *															40	
45	62.6	244.0	15,000 *															45	
50	57.4	240.9	15,000 *															50	
55	51.8	237.2	14,900 *	68.2	245.3	15,000 *												55	
60	45.7	232.6	12,600 *	63.3	242.9	15,000 *												60	
65	38.9	226.9	10,800 *	58.1	239.9	15,000 *	67.6	243.4	15,000 *									65	
70	30.8	219.4	9,400 *	52.5	236.3	15,000 *	62.6	241.0	15,000 *									70	
75	19.7	208.1	8,300 *	46.5	231.9	13,100 *	57.3	238.0	15,000 *									75	
80				39.8	226.3	11,200 *	51.7	234.2	15,000 *									80	
85				31.9	219.0	9,700 *	45.6	229.6	12,900 *	62.9	237.6	15,000 *						85	
90				21.4	208.5	8,500 *	38.8	223.9	11,100 *	57.6	234.6	15,000 *						90	
95							30.7	216.3	9,600 *	52.1	230.9	15,000 *						95	
100							19.6	205.0	8,500 *	46.0	226.3	13,200 *						100	
105										39.2	220.7	11,300 *	57.5	229.6	15,000 *			105	
110										31.2	213.2	9,800 *	52.0	225.9	15,000 *			110	
115										20.4	202.3	8,600 *	45.9	221.4	13,400 *			115	
120													39.1	215.6	11,400 *			120	
125													31.0	208.2	9,900 *	51.3	219.2	125	
130													20.1	197.1	8,700 *	45.2	214.6	130	
135																38.2	208.7	135	
140																30.0	201.0	140	
145																18.5	189.2	145	

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

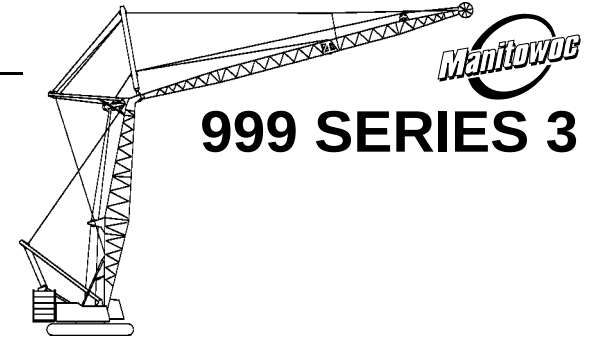
180 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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	
35	72.4	248.4	15,000 *															35	
40	67.6	246.4	15,000 *															40	
45	62.6	244.0	15,000 *															45	
50	57.4	240.9	15,000 *															50	
55	51.8	237.2	14,500 *	68.2	245.3	15,000 *												55	
60	45.7	232.6	12,200 *	63.3	242.9	15,000 *												60	
65	38.9	226.9	10,500 *	58.1	239.9	15,000 *	67.6	243.4	15,000 *									65	
70	30.8	219.4	9,200 *	52.5	236.3	15,000 *	62.6	241.0	15,000 *									70	
75	19.7	208.1	8,200 *	46.5	231.9	12,700 *	57.3	238.0	15,000 *									75	
80				39.8	226.3	10,900 *	51.7	234.2	14,900 *									80	
85				31.9	219.0	9,500 *	45.6	229.6	12,600 *	62.9	237.6	15,000 *						85	
90				21.4	208.5	8,400 *	38.8	223.9	10,800 *	57.6	234.6	15,000 *						90	
95							30.7	216.3	9,400 *	52.1	230.9	15,000 *						95	
100							19.6	205.0	8,300 *	46.0	226.3	12,900 *						100	
105										39.2	220.7	11,000 *	57.5	229.6	15,000 *			105	
110										31.2	213.2	9,600 *	52.0	225.9	15,000 *			110	
115										20.4	202.3	8,400 *	45.9	221.4	13,000 *			115	
120													39.1	215.6	11,100 *			120	
125													31.0	208.2	9,700 *	51.3	219.2	12,500	
130													20.1	197.1	8,500 *	45.2	214.6	10,900	
135																38.2	208.7	9,400	
140																30.0	201.0	8,100	
145																18.5	189.2	6,700	

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

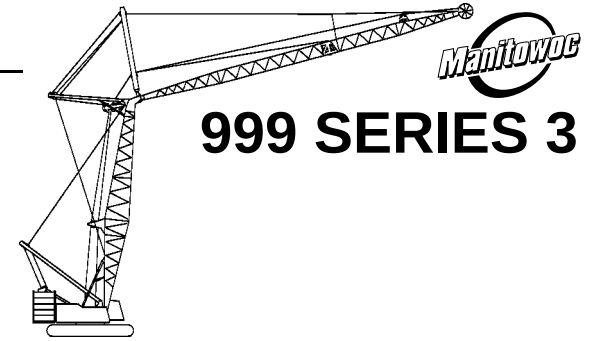


180 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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	
35	72.4	248.4	15,000 *															35	
40	67.6	246.4	15,000 *															40	
45	62.6	244.0	15,000 *															45	
50	57.4	240.9	15,000 *															50	
55	51.8	237.2	14,300 *	68.2	245.3	15,000 *												55	
60	45.7	232.6	12,200 *	63.3	242.9	15,000 *												60	
65	38.9	226.9	10,600 *	58.1	239.9	15,000 *	67.6	243.4	15,000 *									65	
70	30.8	219.4	9,300 *	52.5	236.3	15,000 *	62.6	241.0	15,000 *									70	
75	19.7	208.1	8,300 *	46.5	231.9	12,700 *	57.3	238.0	15,000 *									75	
80				39.8	226.3	10,900 *	51.7	234.2	14,800 *									80	
85				31.9	219.0	9,500 *	45.6	229.6	12,500 *	62.9	237.6	15,000 *						85	
90				21.4	208.5	8,500 *	38.8	223.9	10,800 *	57.6	234.6	15,000 *						90	
95							30.7	216.3	9,400 *	52.1	230.9	15,000 *						95	
100							19.6	205.0	8,400 *	46.0	226.3	12,800 *						100	
105										39.2	220.7	11,000 *	57.5	229.6	15,000 *			105	
110										31.2	213.2	9,600 *	52.0	225.9	15,000 *			110	
115										20.4	202.3	8,500 *	45.9	221.4	13,000 *			115	
120													39.1	215.6	11,100 *			120	
125													31.0	208.2	9,700 *	51.3	219.2	125	
130													20.1	197.1	8,600 *	45.2	214.6	130	
135																38.2	208.7	135	
140																30.0	201.0	140	
145																18.5	189.2	145	

Liftcrane Luffing Jib Intermediate Fall Capacities

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



999 SERIES 3

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

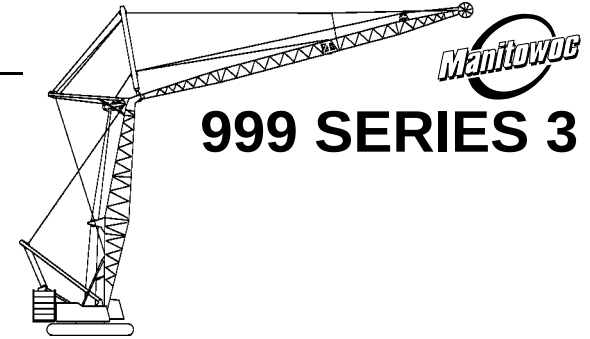
190 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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	Jib Ang. Deg.	Intermediate Fall Elev. Feet	Capacity Pounds	
40	68.0	256.6	15,000 *																			40
45	63.0	254.1	15,000 *																			45
50	57.8	251.2	15,000 *																			50
55	52.2	247.5	15,000 *	69.4	255.7	15,000 *																55
60	46.1	243.0	14,100 *	64.5	253.4	15,000 *																60
65	39.4	237.3	12,200 *	59.4	250.6	15,000 *																65
70	31.4	230.0	10,600 *	53.9	247.2	15,000 *	64.3	251.8	15,000 *													70
75	20.7	219.1	9,400 *	48.0	242.9	15,000 *	59.2	248.9	15,000 *													75
80				41.5	237.7	13,000 *	53.7	245.5	15,000 *													80
85				34.0	230.9	11,200 *	47.8	241.2	15,000 *													85
90				24.4	221.5	9,900 *	41.3	235.9	13,000 *	60.4	245.9	15,000 *										90
95				5.2	200.8	8,800 *	33.7	229.1	11,300 *	55.0	242.5	15,000 *										95
100							24.0	219.5	9,900 *	49.2	238.5	15,000 *										100
105										42.8	233.4	13,700 *										105
110										35.5	227.0	11,800 *	55.8	237.9	15,000 *							110
115										26.5	218.3	10,400 *	50.1	234.0	15,000 *							115
120										12.0	202.9	9,100 *	43.8	229.1	14,300 *							120
125													36.7	222.9	12,300 *							125
130													28.0	214.6	10,700 *	50.4	227.6	15,000 *				130
135													15.1	201.2	9,400 *	44.2	222.8	14,000 *				135
140																37.1	216.7	12,500 *				140
145																28.5	208.6	10,900 *				145
150																16.0	195.6	9,600 *	43.6	214.6	8,400	150
155																			36.5	208.4	7,600	155
160																			27.7	200.0	6,700	160
165																			14.5	186.2	5,900	165

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

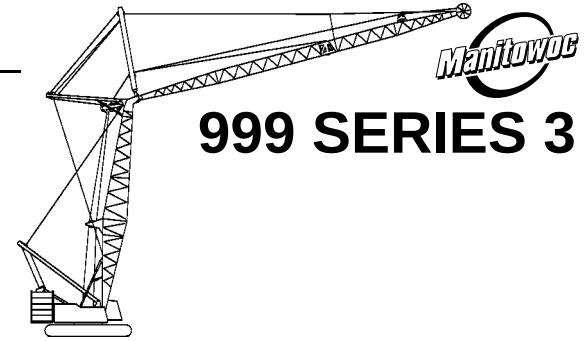
190 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds	
35	72.8	258.5	15,000 *b																		35	
40	68.0	256.6	15,000 *																		40	
45	63.0	254.1	15,000 *																		45	
50	57.8	251.2	15,000 *																		50	
55	52.2	247.5	15,000 *	69.4	255.7	15,000 *															55	
60	46.1	243.0	15,000 *	64.5	253.4	15,000 *															60	
65	39.4	237.3	13,400 *	59.4	250.6	15,000 *															65	
70	31.4	230.0	11,700 *	53.9	247.2	15,000 *	64.3	251.8	15,000 *												70	
75	20.7	219.1	10,300 *	48.0	242.9	15,000 *	59.2	248.9	15,000 *												75	
80				41.5	237.7	14,300 *	53.7	245.5	15,000 *												80	
85				34.0	230.9	12,400 *	47.8	241.2	15,000 *												85	
90				24.4	221.5	10,900 *	41.3	235.9	14,400 *	60.4	245.9	15,000 *									90	
95				5.2	200.8	9,700 *	33.7	229.1	12,500 *	55.0	242.5	15,000 *									95	
100							24.0	219.5	10,900 *	49.2	238.5	15,000 *									100	
105										42.8	233.4	15,000 *									105	
110										35.5	227.0	13,100 *	55.8	237.9	15,000 *						110	
115										26.5	218.3	11,400 *	50.1	234.0	15,000 *						115	
120										12.0	202.9	10,100 *	43.8	229.1	15,000 *						120	
125													36.7	222.9	13,600 *						125	
130													28.0	214.6	11,800 *	50.4	227.6	14,200			130	
135													15.1	201.2	10,400 *	44.2	222.8	12,900			135	
140																37.1	216.7	11,700			140	
145																28.5	208.6	10,500			145	
150																16.0	195.6	9,400	43.6	214.6	7,400	150
155																			36.5	208.4	6,500	155
160																			27.7	200.0	5,600	160
165																			14.5	186.2	4,700	165

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



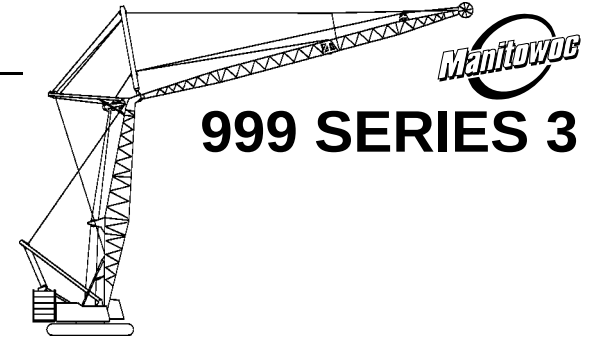
190 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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		Elev. Feet	Capacity Pounds
35	72.8	258.5	15,000 *	69.4	255.7	15,000 *												35			
40	68.0	256.6	15,000 *															40			
45	63.0	254.1	15,000 *															45			
50	57.8	251.2	15,000 *															50			
55	52.2	247.5	15,000 *															55			
60	46.1	243.0	15,000 *	64.5	253.4	15,000 *	64.3	251.8	15,000 *									60			
65	39.4	237.3	13,100 *	59.4	250.6	15,000 *												65			
70	31.4	230.0	11,400 *	53.9	247.2	15,000 *												70			
75	20.7	219.1	10,100 *	48.0	242.9	15,000 *												59.2	248.9	15,000 *	75
80				41.5	237.7	13,900 *												53.7	245.5	15,000 *	80
85				34.0	230.9	12,100 *	47.8	241.2	15,000 *	60.4	245.9	15,000 *						85			
90				24.4	221.5	10,700 *	41.3	235.9	14,000 *									90			
95				5.2	200.8	9,500 *	33.7	229.1	12,200 *									55.0	242.5	15,000 *	95
100							24.0	219.5	10,700 *									49.2	238.5	15,000 *	100
105																		42.8	233.4	14,800 *	105
110										35.5	227.0	12,800 *	55.8	237.9	15,000 *				110		
115										26.5	218.3	11,200 *	50.1	234.0	15,000 *				115		
120										12.0	202.9	9,900 *	43.8	229.1	15,000 *				120		
125													36.7	222.9	13,200 *				125		
130													28.0	214.6	11,600 *				50.4	227.6	13,300
135													15.1	201.2	10,200 *	44.2	222.8	12,000	135		
140													37.1	216.7	10,800	140					
145													28.5	208.6	9,600	145					
150													16.0	195.6	8,400	150					

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



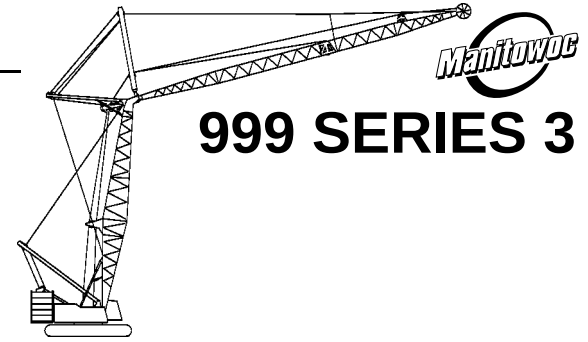
190 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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			
35	72.8	258.5	15,000 *	69.4	255.7	15,000 *															
40	68.0	256.6	15,000 *																		
45	63.0	254.1	15,000 *																		
50	57.8	251.2	15,000 *																		
55	52.2	247.5	15,000 *																		
60	46.1	243.0	13,500 *	64.5	253.4	15,000 *															
65	39.4	237.3	11,600 *	59.4	250.6	15,000 *															
70	31.4	230.0	10,100 *	53.9	247.2	15,000 *													64.3	251.8	15,000 *
75	20.7	219.1	8,900 *	48.0	242.9	14,500 *													59.2	248.9	15,000 *
80				41.5	237.7	12,300 *													53.7	245.5	15,000 *
85				34.0	230.9	10,700 *	47.8	241.2	14,600 *	60.4	245.9	15,000 *									
90				24.4	221.5	9,300 *	41.3	235.9	12,400 *												
95				5.2	200.8	8,300 *	33.7	229.1	10,700 *										55.0	242.5	15,000 *
100							24.0	219.5	9,400 *										49.2	238.5	15,000 *
105																			42.8	233.4	13,100 *
110										35.5	227.0	11,300 *	55.8	237.9	15,000 *						
115										26.5	218.3	9,800 *	50.1	234.0	15,000 *						
120										12.0	202.9	8,700 *	43.8	229.1	13,700 *						
125													36.7	222.9	11,700 *						
130													28.0	214.6	10,200 *				50.4	227.6	12,200
135													15.1	201.2	8,900 *	44.2	222.8	10,800			
140																37.1	216.7	9,600			
145																28.5	208.6	8,400			
150																16.0	195.6	7,200			

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



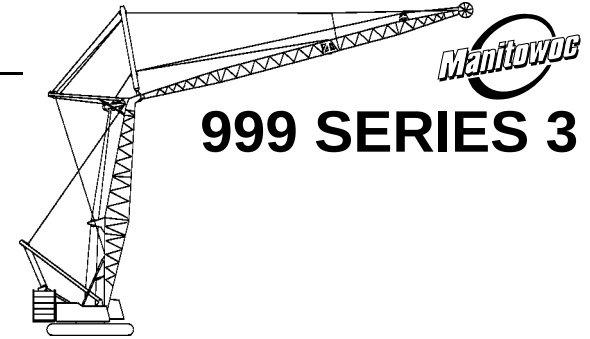
190 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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	
35	72.8	258.5	15,000 *															35	
40	68.0	256.6	15,000 *															40	
45	63.0	254.1	15,000 *															45	
50	57.8	251.2	15,000 *															50	
55	52.2	247.5	15,000 *	69.4	255.7	15,000 *												55	
60	46.1	243.0	12,800 *	64.5	253.4	15,000 *												60	
65	39.4	237.3	11,000 *	59.4	250.6	15,000 *												65	
70	31.4	230.0	9,600 *	53.9	247.2	15,000 *	64.3	251.8	15,000 *									70	
75	20.7	219.1	8,400 *	48.0	242.9	13,800 *	59.2	248.9	15,000 *									75	
80				41.5	237.7	11,700 *	53.7	245.5	15,000 *									80	
85				34.0	230.9	10,100 *	47.8	241.2	13,900 *									85	
90				24.4	221.5	8,900 *	41.3	235.9	11,800 *	60.4	245.9	15,000 *						90	
95				5.2	200.8	7,900 *	33.7	229.1	10,200 *	55.0	242.5	15,000 *						95	
100							24.0	219.5	8,900 *	49.2	238.5	14,700 *						100	
105										42.8	233.4	12,400 *						105	
110										35.5	227.0	10,700 *	55.8	237.9	15,000 *			110	
115										26.5	218.3	9,300 *	50.1	234.0	15,000 *			115	
120										12.0	202.9	8,200 *	43.8	229.1	13,000 *			120	
125													36.7	222.9	11,100 *			125	
130													28.0	214.6	9,600 *	50.4	227.6	11,600	
135													15.1	201.2	8,500 *	44.2	222.8	10,200	
140																37.1	216.7	8,900	
145																28.5	208.6	7,700	
150																16.0	195.6	6,500	

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

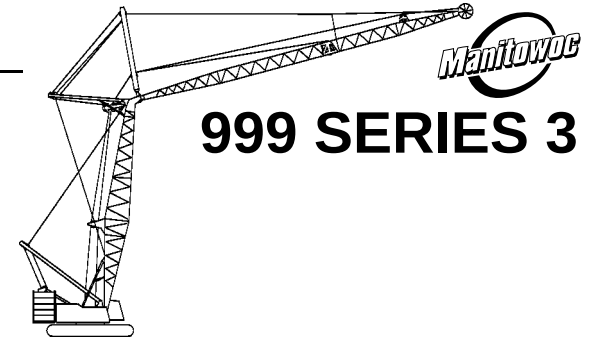
190 Ft. Boom, 160 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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		Elev. Feet	Capacity Pounds
35	72.8	258.5	15,000 *															35			
40	68.0	256.6	15,000 *															40			
45	63.0	254.1	15,000 *															45			
50	57.8	251.2	15,000 *															50			
55	52.2	247.5	14,700 *															69.4	255.7	15,000 *	55
60	46.1	243.0	12,500 *	64.5	253.4	15,000 *												60			
65	39.4	237.3	10,700 *	59.4	250.6	15,000 *												65			
70	31.4	230.0	9,400 *	53.9	247.2	15,000 *												64.3	251.8	15,000 *	70
75	20.7	219.1	8,300 *	48.0	242.9	13,400 *												59.2	248.9	15,000 *	75
80				41.5	237.7	11,400 *												53.7	245.5	15,000 *	80
85				34.0	230.9	9,900 *	47.8	241.2	13,500 *	60.4	245.9	15,000 *						85			
90				24.4	221.5	8,700 *	41.3	235.9	11,500 *									90			
95				5.2	200.8	7,800 *	33.7	229.1	10,000 *									55.0	242.5	15,000 *	95
100							24.0	219.5	8,700 *									49.2	238.5	14,300 *	100
105																		42.8	233.4	12,100 *	105
110										35.5	227.0	10,400 *	55.8	237.9	15,000 *				110		
115										26.5	218.3	9,100 *	50.1	234.0	15,000 *				115		
120										12.0	202.9	8,100 *	43.8	229.1	12,600 *				120		
125													36.7	222.9	10,800 *				125		
130													28.0	214.6	9,400 *				50.4	227.6	10,500
135													15.1	201.2	8,300 *	44.2	222.8	9,000	135		
140																37.1	216.7	7,700	140		
145																28.5	208.6	6,400	145		
150																16.0	195.6	5,100	150		

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



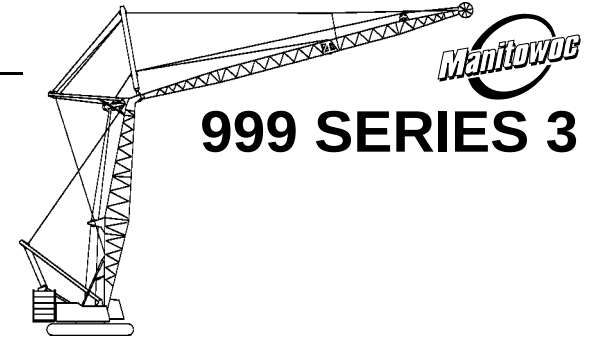
190 Ft. Boom, 170 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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		Elev. Feet	Capacity Pounds
35	72.8	258.5	15,000 *	69.4	255.7	15,000 *															
40	68.0	256.6	15,000 *																		
45	63.0	254.1	15,000 *																		
50	57.8	251.2	15,000 *																		
55	52.2	247.5	14,600 *																		
60	46.1	243.0	12,400 *	64.5	253.4	15,000 *															
65	39.4	237.3	10,700 *	59.4	250.6	15,000 *															
70	31.4	230.0	9,400 *	53.9	247.2	15,000 *													64.3	251.8	15,000 *
75	20.7	219.1	8,400 *	48.0	242.9	13,300 *													59.2	248.9	15,000 *
80				41.5	237.7	11,400 *													53.7	245.5	15,000 *
85				34.0	230.9	9,900 *	47.8	241.2	13,400 *	60.4	245.9	15,000 *									
90				24.4	221.5	8,800 *	41.3	235.9	11,500 *												
95				5.2	200.8	7,900 *	33.7	229.1	10,000 *										55.0	242.5	15,000 *
100							24.0	219.5	8,800 *										49.2	238.5	14,200 *
105																			42.8	233.4	12,100 *
110										35.5	227.0	10,500 *	55.8	237.9	15,000 *						
115										26.5	218.3	9,200 *	50.1	234.0	14,900 *						
120										12.0	202.9	8,200 *	43.8	229.1	12,600 *						
125													36.7	222.9	10,800 *						
130													28.0	214.6	9,500 *					50.4	227.6
135													15.1	201.2	8,400 *	44.2	222.8	8,000	135		
140																37.1	216.7	6,600	140		
145																28.5	208.6	5,300	145		
150																16.0	195.6	4,000	150		

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

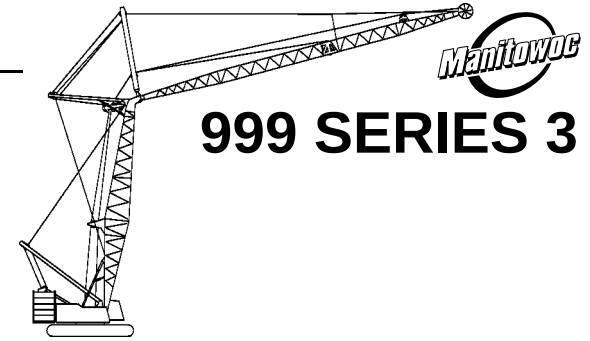
200 Ft. Boom, 110 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 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		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		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds
40	68.3	266.7	15,000 *	70.6	266.1	15,000 * b																		
45	63.3	264.3	15,000 *																					
50	58.1	261.4	15,000 *																					
55	52.6	257.8	15,000 *																					
60	46.6	253.3	14,400 *																					
65	39.9	247.8	12,400 *	60.6	261.3	15,000 *	66.1	262.5	15,000 *															
70	32.0	240.6	10,800 *	55.3	258.0	15,000 *																		
75	21.6	230.1	9,500 *	49.5	254.0	15,000 *																61.0	259.8	15,000 *
80				43.2	249.0	13,600 *																55.6	256.6	15,000 *
85				35.9	242.7	11,700 *																49.9	252.6	15,000 *
90				27.0	234.1	10,300 *	43.6	247.7	13,900 *	63.0	257.0	15,000 *												
95				13.1	219.5	9,100 *	36.5	241.5	12,000 *	57.8	254.0	15,000 *												
100							27.7	233.1	10,500 *	52.3	250.3	15,000 *												
105							14.5	219.3	9,300 *	46.2	245.8	15,000 *												
110										39.5	240.2	12,900 *												
115										31.5	232.9	11,200 *	54.1	246.1	15,000 *									
120										20.8	222.1	9,900 *	48.2	241.9	15,000 *									
125													41.7	236.7	13,800 *									
130													34.2	230.0	11,900 *									
135													24.7	220.7	10,400 *									
140													6.6	201.2	9,200 *	49.5	236.0	13,400						
145																43.1	231.0	12,200						
150																35.9	224.7	11,200						
155																27.0	216.1	10,200						
160																12.9	201.3	9,100						
165																	43.6	223.2	6,900					
170																	36.5	217.0	6,100					
165																	27.7	208.7	5,400					
170																	14.5	194.9	4,600					

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



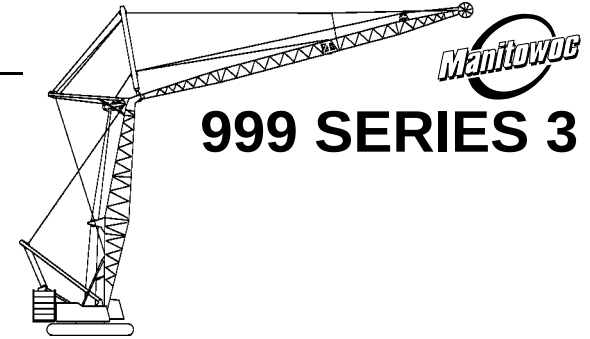
200 Ft. Boom, 120 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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		Elev. Feet	Capacity Pounds
35	73.1	268.6	15,000 *b	70.6	266.1	15,000 *												35			
40	68.3	266.7	15,000 *															40			
45	63.3	264.3	15,000 *															45			
50	58.1	261.4	15,000 *															50			
55	52.6	257.8	15,000 *															55			
60	46.6	253.3	15,000 *	65.7	264.0	15,000 *												60			
65	39.9	247.8	13,600 *	60.6	261.3	15,000 *												65			
70	32.0	240.6	11,900 *	55.3	258.0	15,000 *												66.1	262.5	15,000 *	70
75	21.6	230.1	10,400 *	49.5	254.0	15,000 *												61.0	259.8	15,000 *	75
80				43.2	249.0	15,000 *												55.6	256.6	15,000 *	80
85				35.9	242.7	13,000 *	49.9	252.6	15,000 *	63.0	257.0	15,000 *						85			
90				27.0	234.1	11,300 *	43.6	247.7	15,000 *									90			
95				13.1	219.5	10,000 *	36.5	241.5	13,200 *									57.8	254.0	15,000 *	95
100							27.7	233.1	11,600 *									52.3	250.3	15,000 *	100
105							14.5	219.3	10,200 *									46.2	245.8	15,000 *	105
110										39.5	240.2	14,300 *	54.1	246.1	15,000 *			110			
115										31.5	232.9	12,400 *						115			
120										20.8	222.1	10,900 *						120			
125																		41.7	236.7	15,000 *	125
130										34.2	230.0	13,200 *						130			
135													24.7	220.7	11,500 *	49.5	236.0	12,300	135		
140													6.6	201.2	10,100 *	43.1	231.0	11,100	140		
145																35.9	224.7	10,000	145		
150																27.0	216.1	9,000	150		
155																12.9	201.3	7,900	155		

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



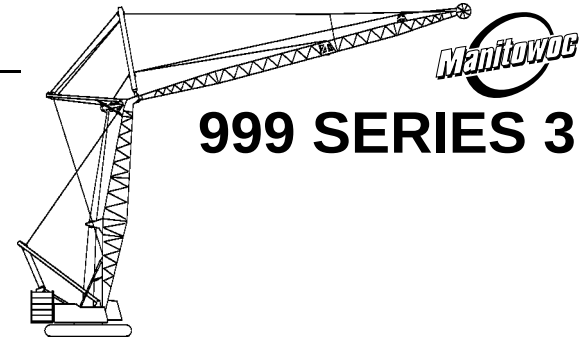
200 Ft. Boom, 130 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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		Elev. Feet	Capacity Pounds	
35	73.1	268.6	15,000 *	70.6	266.1	15,000 *												35				
40	68.3	266.7	15,000 *															40				
45	63.3	264.3	15,000 *															45				
50	58.1	261.4	15,000 *															50				
55	52.6	257.8	15,000 *															55				
60	46.6	253.3	15,000 *	65.7	264.0	15,000 *												60				
65	39.9	247.8	13,300 *	60.6	261.3	15,000 *												65				
70	32.0	240.6	11,600 *	55.3	258.0	15,000 *												66.1	262.5	15,000 *	70	
75	21.6	230.1	10,300 *	49.5	254.0	15,000 *												61.0	259.8	15,000 *	75	
80				43.2	249.0	14,600 *												55.6	256.6	15,000 *	80	
85				35.9	242.7	12,600 *	49.9	252.6	15,000 *	63.0	257.0	15,000 *						85				
90				27.0	234.1	11,100 *	43.6	247.7	15,000 *									90				
95				13.1	219.5	9,800 *	36.5	241.5	12,900 *									57.8	254.0	15,000 *	95	
100							27.7	233.1	11,300 *									52.3	250.3	15,000 *	100	
105							14.5	219.3	10,000 *									46.2	245.8	15,000 *	105	
110										39.5	240.2	14,000 *	54.1	246.1	15,000 *				110			
115										31.5	232.9	12,100 *							48.2	241.9	15,000 *	115
120										20.8	222.1	10,700 *							41.7	236.7	15,000 *	120
125																			34.2	230.0	12,900 *	125
130																						130
135													24.7	220.7	11,300 *	49.5	236.0	11,500	135			
140													6.6	201.2	10,000 *	43.1	231.0	10,300	140			
145																35.9	224.7	9,100	145			
150																27.0	216.1	8,100	150			
155																12.9	201.3	7,000	155			

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



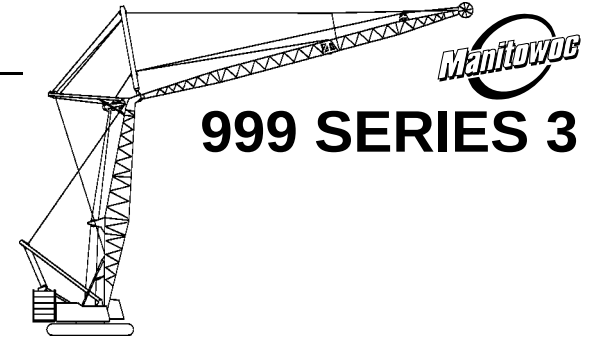
200 Ft. Boom, 140 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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	
35	73.1	268.6	15,000 *															35	
40	68.3	266.7	15,000 *															40	
45	63.3	264.3	15,000 *															45	
50	58.1	261.4	15,000 *															50	
55	52.6	257.8	15,000 *	70.6	266.1	15,000 *												55	
60	46.6	253.3	13,700 *	65.7	264.0	15,000 *												60	
65	39.9	247.8	11,800 *	60.6	261.3	15,000 *												65	
70	32.0	240.6	10,300 *	55.3	258.0	15,000 *	66.1	262.5	15,000 *									70	
75	21.6	230.1	9,000 *	49.5	254.0	15,000 *	61.0	259.8	15,000 *									75	
80				43.2	249.0	13,000 *	55.6	256.6	15,000 *									80	
85				35.9	242.7	11,200 *	49.9	252.6	15,000 *									85	
90				27.0	234.1	9,700 *	43.6	247.7	13,300 *	63.0	257.0	15,000 *						90	
95				13.1	219.5	8,600 *	36.5	241.5	11,400 *	57.8	254.0	15,000 *						95	
100							27.7	233.1	9,900 *	52.3	250.3	15,000 *						100	
105							14.5	219.3	8,800 *	46.2	245.8	14,500 *						105	
110										39.5	240.2	12,400 *						110	
115										31.5	232.9	10,700 *	54.1	246.1	15,000 *			115	
120										20.8	222.1	9,300 *	48.2	241.9	15,000 *			120	
125													41.7	236.7	13,300 *			125	
130													34.2	230.0	11,400 *			130	
135													24.7	220.7	9,900 *	49.5	236.0	10,400	
140													6.6	201.2	8,800 *	43.1	231.0	9,100	
145																35.9	224.7	7,900	
150																27.0	216.1	6,800	
155																12.9	201.3	5,700	

Liftcrane Luffing Jib Intermediate Fall Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



200 Ft. Boom, 150 Ft. Luffing Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 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				
35	73.1	268.6	15,000 *	70.6	266.1	15,000 *												35				
40	68.3	266.7	15,000 *															40				
45	63.3	264.3	15,000 *															45				
50	58.1	261.4	15,000 *															50				
55	52.6	257.8	15,000 *															55				
60	46.6	253.3	13,000 *	65.7	264.0	15,000 *												60				
65	39.9	247.8	11,200 *	60.6	261.3	15,000 *												65				
70	32.0	240.6	9,700 *	55.3	258.0	15,000 *												66.1	262.5	15,000 *	70	
75	21.6	230.1	8,500 *	49.5	254.0	14,500 *												61.0	259.8	15,000 *	75	
80				43.2	249.0	12,300 *												55.6	256.6	15,000 *	80	
85				35.9	242.7	10,600 *	49.9	252.6	15,000 *	63.0	257.0	15,000 *						85				
90				27.0	234.1	9,200 *	43.6	247.7	12,600 *									90				
95				13.1	219.5	8,200 *	36.5	241.5	10,800 *									57.8	254.0	15,000 *	95	
100							27.7	233.1	9,400 *									52.3	250.3	15,000 *	100	
105							14.5	219.3	8,300 *									46.2	245.8	13,800 *	105	
110										39.5	240.2	11,700 *	54.1	246.1	15,000 *				110			
115										31.5	232.9	10,100 *							115			
120										20.8	222.1	8,900 *							120			
125																			41.7	236.7	12,600 *	125
130																			34.2	230.0	10,800 *	130
135													24.7	220.7	9,400 *	49.5	236.0	9,800	135			
140													6.6	201.2	8,300 *	43.1	231.0	8,500	140			
145																35.9	224.7	7,300	145			
150																27.0	216.1	6,200	150			
155																12.9	201.3	5,000	155			