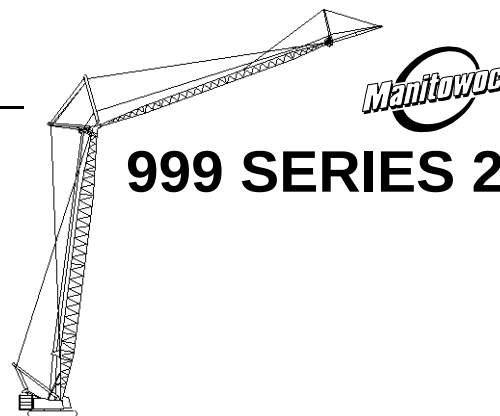


Liftcrane Fixed Jib Capacities

**New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating**

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



999 SERIES 2

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, luffing jib angles, fixed jib lengths, and fixed jib operating radii are for freely suspended loads and do not exceed New York City criteria of 1.4 factor applied to total machine moment. Capacities based on structural competence are denoted by an asterisk (*).

190 Ft. boom length requires only the middle two sheaves in the lower boom point. All other sheaves must be removed from the lower boom point for 190 Ft. boom length. Lower boom point assembly must be completely removed on 200 Ft. boom length.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom, luffing jib point and fixed jib point sheaves, is considered part of fixed jib load. Boom, luffing jib and fixed 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 fixed jib assembly **No. 179361**, luffing jib assembly **No. 196199** (Boom No. 22EL) or **No. 196200** (Boom No. 82), Wire Rope Specification chart **No. 8247-B** and Luffing Jib Raising Procedure chart **No. 8248-B**. 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-B**.

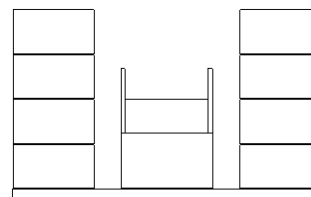
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

FIXED JIB POINT ELEVATION: Fixed jib point elevation is vertical distance from ground level to centerline of fixed jib point 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, 184,600 Lb. crane counterweight and two 22,000 Lb. carbody counterweights.

Maximum capacity on 26 mm wire rope is 27,500 Lbs. per line (20,000 Lbs. on 26 mm or 1 in. wire rope when auxiliary drum is used).

Consult Chart **No. 8271-A** for luffing jib capacities.



**184,600 Lb. Crane Counterweight
8 Side Boxes - 1 Center Box**



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

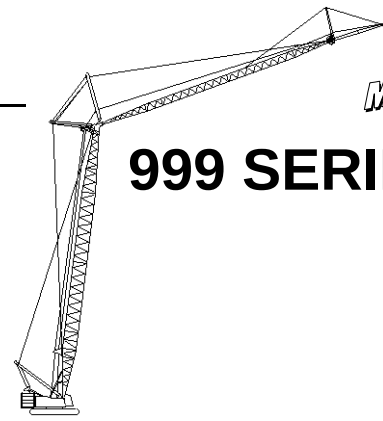
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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999 SERIES 2

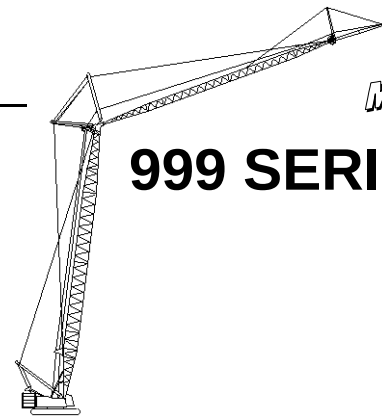
160 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	74.8	332.4	27,500*							60
65	73.1	330.9	27,200*							65
70	71.3	329.3	26,900*							70
75	69.5	327.4	26,600*							75
80	67.7	325.4	26,400*							80
85	65.9	323.2	26,100*	70.9	327.6	27,000*				85
90	64.0	320.8	25,800*	69.1	325.7	26,800*				90
95	62.1	318.2	24,800*	67.3	323.7	26,600*				95
100	60.2	315.4	23,900*	65.5	321.4	26,400*				100
105	58.2	312.4	23,100*	63.6	319.0	26,000*				105
110	56.2	309.1	22,300*	61.7	316.3	25,000*				110
115	54.2	305.5	21,600*	59.8	313.5	24,100*				115
120	52.1	301.7	20,900*	57.8	310.4	23,300*				120
125	49.9	297.6	20,300*	55.8	307.0	22,500*				125
130	47.6	293.1	19,700*	53.7	303.4	21,800*				130
135	45.3	288.3	19,200*	51.6	299.5	21,100*				135
140	42.9	283.0	18,700*	49.4	295.3	20,500*				140
145	40.3	277.2	18,200*	47.1	290.8	19,900*				145
150	37.6	270.9	17,800*	44.8	285.8	19,400*				150
155	34.8	264.0	17,400*	42.3	280.5	18,800*	57.8	301.5	12,400	155
160	31.6	256.2	17,000*	39.7	274.6	18,400*	55.8	298.1	11,700	160
165	28.2	247.3	16,700*	37.0	268.2	17,900*	53.8	294.5	11,000	165
170	24.4	236.9	16,400*	34.1	261.0	17,500*	51.6	290.7	10,400	170
175	19.8	224.2	15,900*	30.9	253.0	17,100*	49.4	286.5	9,800	175
180	13.8	207.1	15,300*	27.4	243.8	16,800*	47.2	281.9	9,200	180
185				23.4	233.1	16,500*	44.8	277.0	8,700	185
190				18.6	219.7	15,900	42.4	271.6	8,200	190
195				12.1	200.7	15,200	39.8	265.8	7,700	195
200							37.1	259.4	7,200	200
205							34.2	252.2	6,800	205
210							31.0	244.2	6,400	210
220							23.5	224.4	5,600	220
230							12.3	192.3	4,800	230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

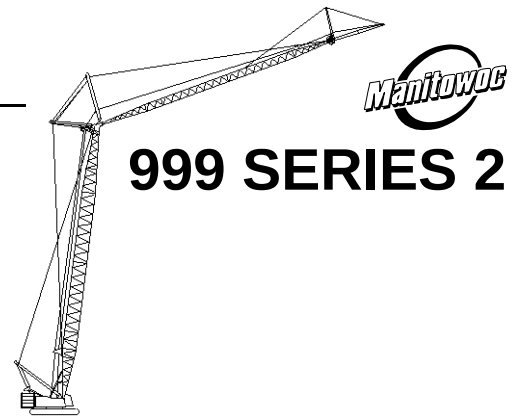
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With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 2

160 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.7	342.8	27,000*							60
65	74.0	341.4	26,700*							65
70	72.4	339.8	26,400*							70
75	70.7	338.1	26,100*							75
80	69.0	336.2	25,900*							80
85	67.3	334.2	25,700*							85
90	65.6	331.9	25,300*	70.3	336.4	26,200*				90
95	63.8	329.5	24,400*	68.6	334.5	26,000*				95
100	62.0	326.9	23,500*	66.9	332.4	25,900*				100
105	60.2	324.1	22,700*	65.2	330.1	25,400*				105
110	58.3	321.0	22,000*	63.4	327.7	24,500*				110
115	56.4	317.8	21,300*	61.6	325.0	23,700*				115
120	54.5	314.3	20,600*	59.8	322.1	22,900*				120
125	52.5	310.5	20,000*	57.9	319.0	22,100*				125
130	50.5	306.4	19,500*	56.0	315.7	21,400*				130
135	48.4	302.1	18,900*	54.1	312.2	20,800*				135
140	46.2	297.4	18,500*	52.1	308.3	20,200*				140
145	44.0	292.3	18,000*	50.0	304.2	19,600*				145
150	41.6	286.8	17,600*	47.9	299.8	19,100*				150
155	39.1	280.8	17,200*	45.7	295.0	18,600*				155
160	36.5	274.2	16,800*	43.5	289.8	18,100*	58.0	310.2	11,500	160
165	33.7	267.0	16,500*	41.1	284.2	17,700*	56.1	306.8	10,800	165
170	30.7	258.9	16,100*	38.6	278.1	17,300*	54.1	303.3	10,200	170
175	27.4	249.7	15,700*	35.9	271.4	16,900*	52.1	299.5	9,600	175
180	23.7	239.0	15,100*	33.1	264.0	16,600*	50.1	295.4	9,000	180
185	19.2	225.9	14,500*	30.0	255.7	16,200*	48.0	290.9	8,500	185
190	13.4	208.2	14,000*	26.6	246.2	15,800	45.8	286.2	8,000	190
195				22.8	235.0	15,100	43.5	281.0	7,500	195
200				18.1	221.2	14,400	41.1	275.4	7,100	200
205				11.7	201.7	13,800	38.6	269.3	6,600	205
210							36.0	262.6	6,200	210
220							30.1	246.9	5,400	220
230							22.8	226.4	4,700	230
240							11.9	193.3	4,000	240



Liftcrane Fixed Jib Capacities

999 SERIES 2

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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

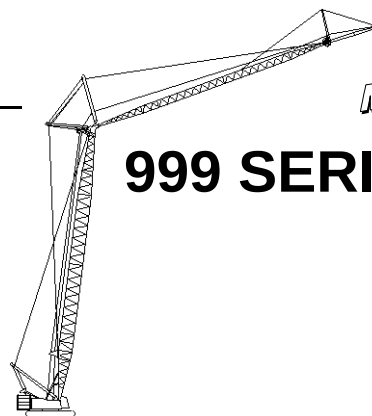
160 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.9	351.8	26,000*							65
70	73.3	350.3	25,800*							70
75	71.7	348.7	25,600*							75
80	70.1	346.9	25,300*							80
85	68.5	345.0	25,100*							85
90	66.9	342.9	24,700*							90
95	65.3	340.6	23,800*	69.8	345.2	24,600*				95
100	63.6	338.2	23,000*	68.2	343.3	24,400*				100
105	61.9	335.6	22,300*	66.6	341.1	24,200*				105
110	60.2	332.7	21,600*	64.9	338.8	24,000*				110
115	58.4	329.7	20,900*	63.2	336.3	23,200*				115
120	56.6	326.5	20,300*	61.5	333.7	22,400*				120
125	54.8	323.0	19,700*	59.8	330.8	21,700*				125
130	52.9	319.3	19,200*	58.0	327.7	21,100*				130
135	51.0	315.3	18,700*	56.2	324.4	20,500*				135
140	49.0	311.0	18,200*	54.4	320.9	19,900*				140
145	47.0	306.4	17,800*	52.5	317.1	19,300*				145
150	44.9	301.5	17,400*	50.6	313.1	18,800*				150
155	42.7	296.2	17,000*	48.6	308.7	18,400*				155
160	40.4	290.5	16,600*	46.6	304.1	17,900*				160
165	38.0	284.3	16,300*	44.4	299.1	17,500*				165
170	35.5	277.4	15,900*	42.2	293.7	17,100*	56.3	315.5	9,600	170
175	32.8	269.9	15,300*	39.9	287.9	16,700*	54.4	312.0	9,000	175
180	29.9	261.5	14,800*	37.5	281.5	16,400*	52.6	308.3	8,500	180
185	26.7	252.0	14,200*	34.9	274.6	16,100*	50.6	304.2	8,000	185
190	23.0	241.0	13,700*	32.2	266.9	15,400	48.7	299.9	7,500	190
195	18.7	227.5	13,200*	29.2	258.3	14,800	46.6	295.2	7,000	195
200	13.0	209.3	12,800*	25.9	248.5	14,100	44.5	290.3	6,600	200
205				22.1	237.0	13,400	42.3	284.9	6,100	205
210				17.6	222.8	12,800	40.0	279.0	5,700	210
220							35.0	265.8	5,000	220
230							29.3	249.5	4,300	230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

160 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.7	362.2	23,700*							65
70	74.2	360.8	23,700*							70
75	72.7	359.2	23,200*							75
80	71.2	357.6	22,800*							80
85	69.7	355.7	22,600*							85
90	68.1	353.8	22,300*							90
95	66.6	351.6	22,000*	70.8	355.9	21,900*				95
100	65.0	349.3	21,800*	69.3	354.0	21,700*				100
105	63.4	346.9	21,500*	67.8	352.0	21,500*				105
110	61.8	344.2	21,100*	66.2	349.8	21,300*				110
115	60.2	341.4	20,400*	64.7	347.5	21,100*				115
120	58.5	338.4	19,900*	63.1	345.0	20,900*				120
125	56.8	335.1	19,300*	61.4	342.3	20,700*				125
130	55.1	331.7	18,800*	59.8	339.4	20,500*				130
135	53.3	328.0	18,300*	58.1	336.4	20,000*				135
140	51.5	324.1	17,900*	56.4	333.1	19,500*				140
145	49.6	319.9	17,500*	54.7	329.6	18,900*				145
150	47.7	315.5	17,100*	52.9	325.9	18,500*				150
155	45.8	310.7	16,700*	51.1	321.9	18,000*				155
160	43.7	305.5	16,300*	49.2	317.7	17,600*				160
165	41.6	300.0	15,900*	47.3	313.1	17,200*				165
170	39.4	294.1	15,400*	45.3	308.3	16,800*				170
175	37.0	287.6	14,900*	43.2	303.1	16,500*	56.5	324.2	8,700	175
180	34.6	280.5	14,300*	41.1	297.5	16,100*	54.7	320.7	8,100	180
185	31.9	272.8	13,800*	38.9	291.4	15,800*	53.0	317.0	7,600	185
190	29.1	264.1	13,400*	36.5	284.8	15,100	51.1	313.1	7,100	190
195	26.0	254.3	12,900*	34.0	277.6	14,400	49.3	308.8	6,600	195
200	22.4	243.0	12,500*	31.3	269.7	13,800	47.3	304.3	6,200	200
205	18.2	229.1	12,100*	28.4	260.8	13,200	45.4	299.4	5,800	205
210	12.7	210.4	11,800*	25.2	250.7	12,600	43.3	294.2	5,400	210
220				17.1	224.2	11,400	38.9	282.6	4,600	220

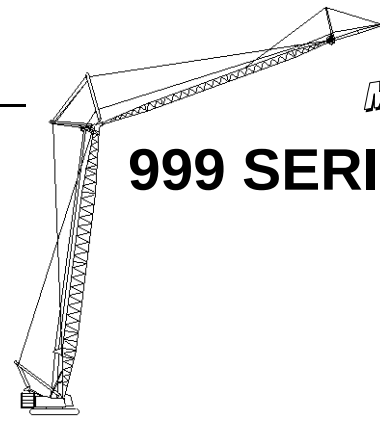


Liftcrane Fixed Jib Capacities

999 SERIES 2

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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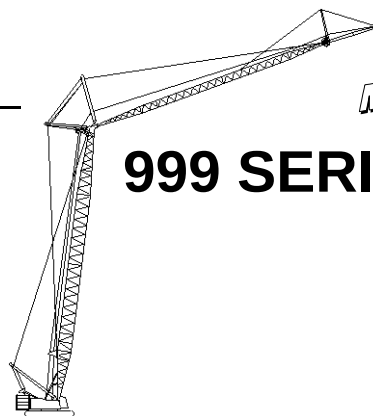
160 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.4	341.3	22,700*							65
70	72.8	339.8	22,400*							70
75	71.1	338.1	22,200*							75
80	69.4	336.2	21,900*							80
85	67.7	334.1	21,700*							85
90	66.0	331.9	21,400*	70.7	336.4	22,300*				90
95	64.2	329.5	21,000*	69.0	334.4	22,000*				95
100	62.4	326.8	20,200*	67.3	332.3	21,800*				100
105	60.6	324.0	19,500*	65.6	330.1	21,600*				105
110	58.7	321.0	18,800*	63.8	327.6	21,100*				110
115	56.9	317.7	18,200*	62.0	324.9	20,400*				115
120	54.9	314.2	17,600*	60.2	322.1	19,600*				120
125	52.9	310.4	17,100*	58.3	319.0	18,900*				125
130	50.9	306.4	16,600*	56.4	315.7	18,300*				130
135	48.8	302.0	16,100*	54.5	312.1	17,700*				135
140	46.6	297.3	15,600*	52.5	308.3	17,200*				140
145	44.4	292.2	15,200*	50.4	304.1	16,700*				145
150	42.0	286.7	14,800*	48.3	299.7	16,200*				150
155	39.5	280.7	14,500*	46.1	294.9	15,700*				155
160	36.9	274.2	14,100*	43.9	289.8	15,300*				160
165	34.1	266.9	13,800*	41.5	284.2	14,900*	56.5	306.8	11,100	165
170	31.1	258.8	13,500*	39.0	278.0	14,600*	54.5	303.2	10,500	170
175	27.8	249.6	13,300*	36.3	271.3	14,200*	52.5	299.4	9,900	175
180	24.0	238.8	13,000*	33.5	263.9	13,900*	50.5	295.3	9,300	180
185	19.6	225.7	12,800*	30.4	255.6	13,600*	48.4	290.9	8,800	185
190	13.7	208.0	12,600*	27.0	246.1	13,400*	46.2	286.1	8,300	190
195				23.1	234.9	13,100*	43.9	280.9	7,800	195
200				18.5	221.1	12,900*	41.5	275.3	7,400	200
205				12.1	201.5	12,700*	39.0	269.2	6,900	205
210							36.4	262.5	6,500	210
220							30.5	246.8	5,800	220
230							23.2	226.2	5,000	230
240							12.2	193.1	4,300	240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



999 SERIES 2

160 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.3	351.8	22,300*							65
70	73.7	350.3	22,100*							70
75	72.1	348.7	21,800*							75
80	70.5	346.9	21,600*							80
85	68.9	344.9	21,400*							85
90	67.3	342.8	21,100*							90
95	65.7	340.6	20,600*	70.2	345.2	21,700*				95
100	64.0	338.1	19,800*	68.6	343.2	21,500*				100
105	62.3	335.5	19,200*	66.9	341.1	21,300*				105
110	60.6	332.7	18,500*	65.3	338.8	20,700*				110
115	58.8	329.6	17,900*	63.6	336.3	20,000*				115
120	57.0	326.4	17,300*	61.9	333.6	19,300*				120
125	55.2	322.9	16,800*	60.2	330.7	18,600*				125
130	53.3	319.2	16,300*	58.4	327.7	18,000*				130
135	51.4	315.2	15,800*	56.6	324.4	17,400*				135
140	49.4	311.0	15,400*	54.8	320.8	16,900*				140
145	47.4	306.4	15,000*	52.9	317.1	16,400*				145
150	45.3	301.5	14,600*	51.0	313.0	16,000*				150
155	43.1	296.1	14,300*	49.0	308.7	15,500*				155
160	40.8	290.4	13,900*	46.9	304.0	15,100*				160
165	38.4	284.2	13,600*	44.8	299.0	14,700*				165
170	35.9	277.4	13,300*	42.6	293.6	14,400*	56.7	315.5	10,300	170
175	33.2	269.8	13,100*	40.3	287.8	14,000*	54.8	312.0	9,700	175
180	30.2	261.4	12,800*	37.9	281.4	13,700*	52.9	308.2	9,100	180
185	27.0	251.9	12,600*	35.3	274.5	13,400*	51.0	304.2	8,600	185
190	23.4	240.9	12,400*	32.6	266.8	13,200*	49.0	299.8	8,100	190
195	19.0	227.3	12,200*	29.6	258.2	12,900*	47.0	295.2	7,600	195
200	13.4	209.1	12,000*	26.3	248.4	12,700*	44.9	290.2	7,200	200
205				22.5	236.9	12,500*	42.7	284.8	6,800	205
210				18.0	222.6	12,300*	40.4	279.0	6,400	210
220							35.4	265.7	5,600	220
230							29.6	249.4	4,900	230
240							22.6	228.2	4,200	240



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

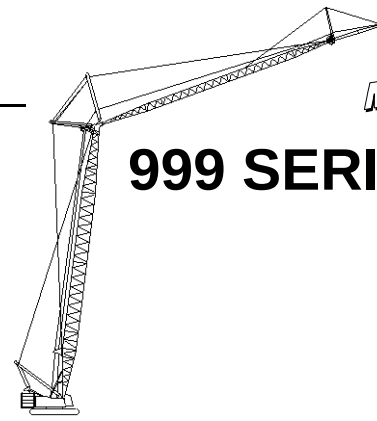
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

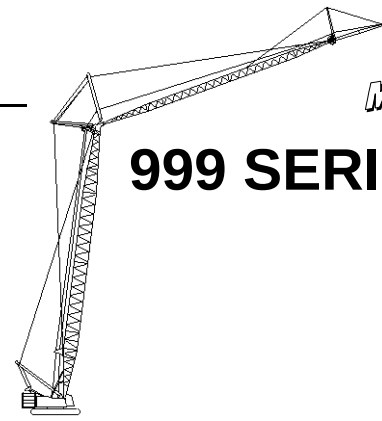
160 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.5	360.7	21,600*							70
75	73.1	359.2	21,400*							75
80	71.6	357.5	21,100*							80
85	70.0	355.7	20,900*							85
90	68.5	353.7	20,700*							90
95	66.9	351.6	20,200*							95
100	65.4	349.3	19,500*	69.7	354.0	21,000*				100
105	63.8	346.8	18,800*	68.2	352.0	20,800*				105
110	62.2	344.2	18,200*	66.6	349.8	20,300*				110
115	60.5	341.3	17,600*	65.0	347.4	19,600*				115
120	58.9	338.3	17,100*	63.4	344.9	18,900*				120
125	57.2	335.1	16,500*	61.8	342.3	18,300*				125
130	55.4	331.6	16,100*	60.2	339.4	17,700*				130
135	53.7	328.0	15,600*	58.5	336.3	17,200*				135
140	51.9	324.0	15,200*	56.8	333.0	16,700*				140
145	50.0	319.9	14,800*	55.1	329.6	16,200*				145
150	48.1	315.4	14,500*	53.3	325.8	15,700*				150
155	46.1	310.6	14,100*	51.5	321.9	15,300*				155
160	44.1	305.5	13,800*	49.6	317.6	14,900*				160
165	41.9	299.9	13,500*	47.7	313.1	14,500*				165
170	39.7	294.0	13,200*	45.7	308.2	14,200*				170
175	37.4	287.5	12,900*	43.6	303.0	13,900*	56.8	324.2	9,200	175
180	34.9	280.5	12,700*	41.5	297.4	13,600*	55.1	320.7	8,600	180
185	32.3	272.7	12,400*	39.2	291.3	13,300*	53.3	317.0	8,100	185
190	29.4	264.0	12,200*	36.9	284.7	13,000*	51.5	313.0	7,600	190
195	26.3	254.2	12,000*	34.4	277.5	12,800*	49.6	308.8	7,100	195
200	22.8	242.8	11,800*	31.7	269.6	12,500*	47.7	304.2	6,700	200
205	18.5	228.9	11,700*	28.8	260.7	12,300*	45.7	299.4	6,300	205
210	13.0	210.1	11,300*	25.6	250.6	12,100*	43.7	294.2	5,900	210
220				17.5	224.1	11,700*	39.3	282.5	5,100	220
230							34.4	268.7	4,400	230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

160 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.3	371.1	20,800*							70
75	73.9	369.7	20,500*							75
80	72.5	368.1	20,300*							80
85	71.0	366.3	20,000*							85
90	69.6	364.5	19,700*							90
95	68.1	362.5	19,500*							95
100	66.6	360.3	19,000*	70.7	364.7	19,200*				100
105	65.1	358.0	18,400*	69.3	362.7	19,000*				105
110	63.6	355.5	17,800*	67.8	360.7	18,800*				110
115	62.1	352.8	17,200*	66.3	358.5	18,700*				115
120	60.5	350.0	16,700*	64.8	356.1	18,400*				120
125	58.9	347.0	16,200*	63.3	353.6	17,900*				125
130	57.3	343.8	15,700*	61.7	350.9	17,300*				130
135	55.7	340.3	15,300*	60.2	348.0	16,800*				135
140	54.0	336.7	14,900*	58.6	345.0	16,300*				140
145	52.3	332.9	14,500*	57.0	341.7	15,800*				145
150	50.5	328.7	14,200*	55.3	338.3	15,400*				150
155	48.7	324.4	13,800*	53.6	334.6	15,000*				155
160	46.8	319.7	13,500*	51.9	330.7	14,600*				160
165	44.9	314.7	13,200*	50.1	326.5	14,300*				165
170	42.9	309.4	13,000*	48.3	322.1	13,900*				170
175	40.9	303.6	12,700*	46.4	317.3	13,600*				175
180	38.7	297.5	12,500*	44.5	312.3	13,300*	57.0	332.9	8,200	180
185	36.4	290.8	12,200*	42.5	306.9	13,000*	55.3	329.4	7,700	185
190	34.0	283.5	12,000*	40.4	301.0	12,800*	53.7	325.7	7,200	190
195	31.5	275.5	11,800*	38.2	294.7	12,500*	51.9	321.8	6,700	195
200	28.7	266.5	11,600*	35.9	287.9	12,300*	50.2	317.7	6,300	200
205	25.6	256.4	11,400*	33.5	280.5	12,100*	48.3	313.2	5,900	205
210	22.2	244.7	11,100*	30.9	272.3	11,900*	46.5	308.5	5,500	210
220	12.7	211.2	10,400*	24.9	252.7	11,500*	42.5	298.0	4,700	220
230				17.0	225.5	10,600	38.3	285.9	4,100	230



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

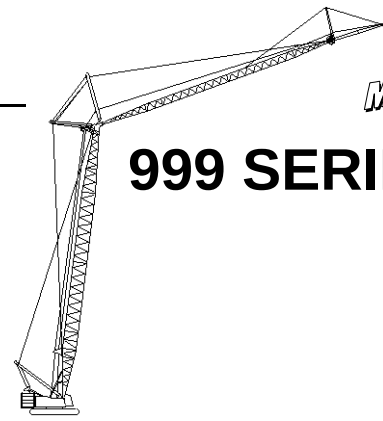
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

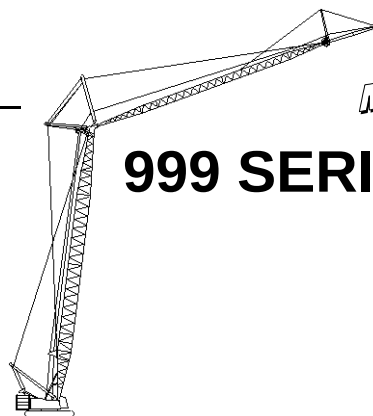
160 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.4	351.8	19,500*							65
70	73.8	350.3	19,200*							70
75	72.2	348.7	18,900*							75
80	70.6	346.9	18,700*							80
85	69.0	345.0	18,400*							85
90	67.4	342.9	18,200*							90
95	65.8	340.6	18,000*	70.3	345.2	18,700*				95
100	64.1	338.1	17,700*	68.7	343.2	18,500*				100
105	62.4	335.5	17,200*	67.0	341.1	18,300*				105
110	60.7	332.7	16,600*	65.4	338.8	18,100*				110
115	58.9	329.6	16,000*	63.7	336.3	17,900*				115
120	57.1	326.4	15,500*	62.0	333.6	17,300*				120
125	55.3	322.9	15,000*	60.3	330.7	16,700*				125
130	53.4	319.2	14,500*	58.5	327.7	16,100*				130
135	51.5	315.2	14,100*	56.7	324.4	15,600*				135
140	49.5	311.0	13,700*	54.9	320.8	15,100*				140
145	47.5	306.4	13,300*	53.0	317.1	14,600*				145
150	45.4	301.5	12,900*	51.1	313.0	14,100*				150
155	43.2	296.2	12,600*	49.1	308.7	13,700*				155
160	40.9	290.4	12,300*	47.0	304.0	13,400*				160
165	38.5	284.2	12,000*	44.9	299.0	13,000*				165
170	36.0	277.4	11,700*	42.7	293.6	12,700*	56.8	315.5	10,500	170
175	33.3	269.8	11,400*	40.4	287.8	12,300*	54.9	312.0	9,900	175
180	30.3	261.5	11,200*	38.0	281.4	12,000*	53.0	308.2	9,400	180
185	27.1	252.0	11,000*	35.4	274.5	11,800*	51.1	304.2	8,900	185
190	23.5	240.9	10,800*	32.6	266.8	11,500*	49.1	299.8	8,400	190
195	19.1	227.4	10,600*	29.7	258.2	11,300*	47.1	295.2	7,900	195
200	13.5	209.1	10,400*	26.4	248.4	11,000*	45.0	290.2	7,500	200
205				22.6	236.9	10,800*	42.8	284.8	7,000	205
210				18.1	222.6	10,600*	40.5	279.0	6,600	210
220							35.5	265.7	5,900	220
230							29.7	249.4	5,200	230
240							22.7	228.2	4,500	240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

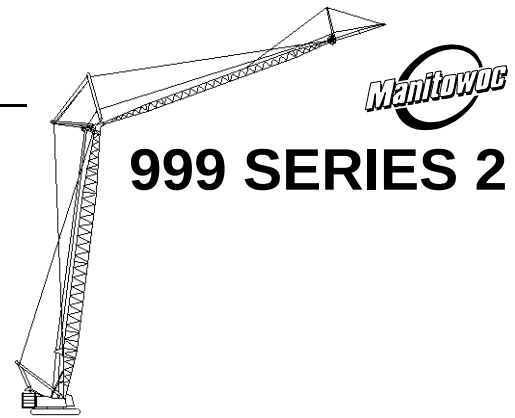
Designed And Tested
With The Intent To
Be In The Scope Of
ANSI B30.5



999 SERIES 2

160 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.6	360.7	18,900*							70
75	73.1	359.2	18,600*							75
80	71.6	357.5	18,400*							80
85	70.1	355.7	18,200*							85
90	68.6	353.7	18,000*							90
95	67.0	351.6	17,800*							95
100	65.5	349.3	17,500*	69.8	354.0	18,300*				100
105	63.9	346.8	16,900*	68.3	352.0	18,100*				105
110	62.3	344.2	16,300*	66.7	349.8	17,900*				110
115	60.6	341.3	15,700*	65.1	347.5	17,600*				115
120	59.0	338.3	15,200*	63.5	345.0	17,000*				120
125	57.3	335.1	14,700*	61.9	342.3	16,400*				125
130	55.5	331.6	14,300*	60.3	339.4	15,800*				130
135	53.8	328.0	13,900*	58.6	336.3	15,300*				135
140	52.0	324.1	13,500*	56.9	333.1	14,800*				140
145	50.1	319.9	13,100*	55.1	329.6	14,400*				145
150	48.2	315.4	12,700*	53.4	325.8	13,900*				150
155	46.2	310.6	12,400*	51.5	321.9	13,500*				155
160	44.2	305.5	12,100*	49.7	317.6	13,200*				160
165	42.0	300.0	11,800*	47.8	313.1	12,800*				165
170	39.8	294.0	11,500*	45.8	308.2	12,500*				170
175	37.5	287.5	11,300*	43.7	303.0	12,200*	56.9	324.2	9,700	175
180	35.0	280.5	11,000*	41.6	297.4	11,900*	55.2	320.7	9,200	180
185	32.4	272.7	10,800*	39.3	291.3	11,600*	53.4	317.0	8,700	185
190	29.5	264.0	10,600*	37.0	284.7	11,300*	51.6	313.0	8,200	190
195	26.4	254.2	10,400*	34.5	277.5	11,100*	49.7	308.8	7,700	195
200	22.8	242.8	10,200*	31.8	269.6	10,900*	47.8	304.2	7,300	200
205	18.6	228.9	10,100*	28.9	260.7	10,600*	45.8	299.4	6,800	205
210	13.1	210.2	9,900*	25.7	250.6	10,500*	43.7	294.2	6,400	210
220				17.6	224.1	10,100*	39.4	282.5	5,700	220
230							34.5	268.7	5,000	230
240							28.9	252.0	4,400	240



Liftcrane Fixed Jib Capacities

999 SERIES 2

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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

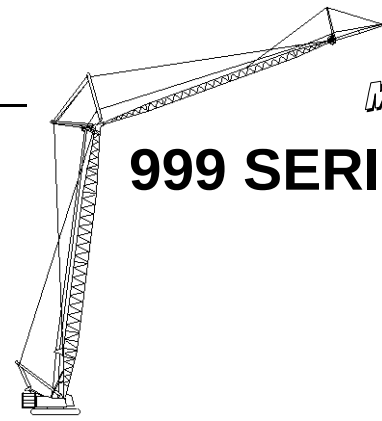
160 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.4	371.1	18,500*							70
75	74.0	369.7	18,300*							75
80	72.5	368.1	18,100*							80
85	71.1	366.4	17,900*							85
90	69.7	364.5	17,700*							90
95	68.2	362.5	17,500*							95
100	66.7	360.3	17,200*	70.8	364.7	17,600*				100
105	65.2	358.0	16,600*	69.3	362.8	17,300*				105
110	63.7	355.5	16,000*	67.9	360.7	17,100*				110
115	62.2	352.8	15,500*	66.4	358.5	16,900*				115
120	60.6	350.0	15,000*	64.9	356.1	16,700*				120
125	59.0	347.0	14,500*	63.4	353.6	16,100*				125
130	57.4	343.8	14,100*	61.8	350.9	15,600*				130
135	55.8	340.4	13,700*	60.3	348.1	15,100*				135
140	54.1	336.7	13,300*	58.7	345.0	14,600*				140
145	52.4	332.9	12,900*	57.0	341.7	14,200*				145
150	50.6	328.8	12,600*	55.4	338.3	13,700*				150
155	48.8	324.4	12,200*	53.7	334.6	13,300*				155
160	46.9	319.7	11,900*	52.0	330.7	13,000*				160
165	45.0	314.7	11,700*	50.2	326.5	12,600*				165
170	43.0	309.4	11,400*	48.4	322.1	12,300*				170
175	41.0	303.7	11,100*	46.5	317.3	12,000*				175
180	38.8	297.5	10,900*	44.6	312.3	11,700*	57.1	332.9	8,700	180
185	36.5	290.8	10,700*	42.6	306.9	11,500*	55.4	329.4	8,200	185
190	34.1	283.5	10,500*	40.5	301.0	11,200*	53.7	325.7	7,700	190
195	31.6	275.5	10,300*	38.3	294.8	11,000*	52.0	321.8	7,200	195
200	28.8	266.6	10,100*	36.0	287.9	10,700*	50.2	317.7	6,800	200
205	25.7	256.5	9,900*	33.6	280.5	10,500*	48.4	313.2	6,300	205
210	22.3	244.7	9,800*	31.0	272.3	10,300*	46.6	308.5	5,900	210
220	12.8	211.2	9,500*	25.0	252.8	10,000*	42.6	298.0	5,200	220
230				17.1	225.5	9,700*	38.4	285.9	4,500	230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

160 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.7	380.1	17,400*							75
80	73.4	378.6	17,100*							80
85	72.0	376.9	16,900*							85
90	70.6	375.2	16,700*							90
95	69.2	373.3	16,400*							95
100	67.8	371.2	16,200*							100
105	66.4	369.0	16,000*	70.3	373.5	16,200*				105
110	65.0	366.7	15,700*	68.9	371.5	16,000*				110
115	63.5	364.2	15,200*	67.5	369.4	15,800*				115
120	62.1	361.5	14,700*	66.1	367.2	15,600*				120
125	60.6	358.7	14,200*	64.7	364.8	15,400*				125
130	59.1	355.6	13,800*	63.2	362.3	15,200*				130
135	57.5	352.5	13,400*	61.7	359.6	14,700*				135
140	56.0	349.1	13,000*	60.2	356.7	14,300*				140
145	54.4	345.5	12,700*	58.7	353.7	13,900*				145
150	52.7	341.7	12,300*	57.2	350.4	13,500*				150
155	51.1	337.6	12,000*	55.6	347.0	13,100*				155
160	49.3	333.3	11,700*	54.0	343.4	12,700*				160
165	47.6	328.8	11,500*	52.4	339.5	12,400*				165
170	45.8	323.9	11,200*	50.7	335.4	12,100*				170
175	43.9	318.7	10,900*	49.0	331.0	11,800*				175
180	42.0	313.2	10,700*	47.2	326.4	11,500*				180
185	40.0	307.2	10,500*	45.4	321.5	11,300*	57.2	341.5	7,800	185
190	37.9	300.9	10,300*	43.5	316.2	11,000*	55.6	338.1	7,300	190
195	35.7	294.0	10,100*	41.5	310.6	10,800*	54.0	334.5	6,800	195
200	33.3	286.4	9,900*	39.5	304.6	10,500*	52.4	330.6	6,400	200
205	30.8	278.2	9,700*	37.4	298.1	10,300*	50.7	326.5	6,000	205
210	28.1	269.0	9,600*	35.2	291.1	10,100*	49.0	322.2	5,600	210
220	21.7	246.6	9,300*	30.2	275.0	9,800*	45.4	312.7	4,800	220
230	12.4	212.2	9,100*	24.4	254.9	9,500*	41.6	301.8	4,200	230
240				16.7	226.9	9,200*				240



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

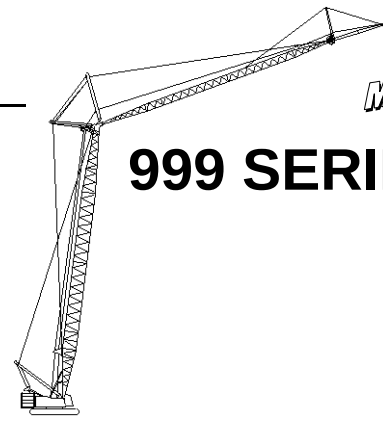
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

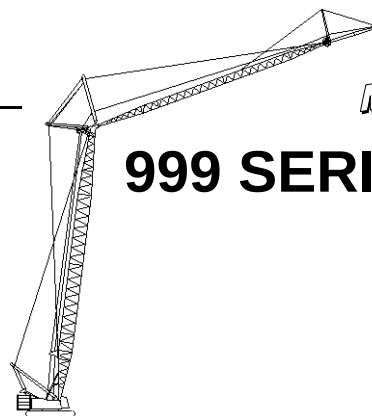
160 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.9	362.2	16,700*							65
70	74.4	360.8	16,400*							70
75	73.0	359.2	16,000*							75
80	71.4	357.6	15,700*							80
85	69.9	355.7	15,400*							85
90	68.4	353.8	15,000*							90
95	66.8	351.6	14,700*							95
100	65.3	349.3	14,400*	69.6	354.0	15,100*				100
105	63.7	346.9	14,100*	68.1	352.0	14,800*				105
110	62.1	344.2	13,800*	66.5	349.8	14,600*				110
115	60.4	341.4	13,500*	64.9	347.5	14,200*				115
120	58.8	338.4	13,300*	63.3	345.0	13,900*				120
125	57.1	335.1	13,000*	61.7	342.3	13,600*				125
130	55.3	331.7	12,800*	60.1	339.4	13,400*				130
135	53.6	328.0	12,600*	58.4	336.4	13,200*				135
140	51.8	324.1	12,200*	56.7	333.1	12,900*				140
145	49.9	319.9	11,900*	55.0	329.6	12,700*				145
150	48.0	315.5	11,600*	53.2	325.9	12,500*				150
155	46.0	310.7	11,200*	51.4	321.9	12,300*				155
160	44.0	305.5	10,900*	49.5	317.7	12,000*				160
165	41.9	300.0	10,700*	47.6	313.1	11,600*				165
170	39.6	294.1	10,400*	45.6	308.3	11,300*				170
175	37.3	287.6	10,100*	43.5	303.1	11,000*	56.7	324.2	10,000	175
180	34.8	280.5	9,900*	41.4	297.5	10,700*	55.0	320.7	9,400	180
185	32.2	272.8	9,700*	39.1	291.4	10,500*	53.2	317.0	8,900	185
190	29.4	264.1	9,500*	36.8	284.8	10,200*	51.4	313.1	8,400	190
195	26.2	254.3	9,300*	34.3	277.6	10,000*	49.5	308.8	7,900	195
200	22.7	243.0	9,100*	31.6	269.7	9,700*	47.6	304.3	7,500	200
205	18.5	229.1	8,800*	28.7	260.8	9,500*	45.6	299.4	7,100	205
210	13.0	210.4	8,600*	25.5	250.7	9,300*	43.6	294.2	6,700	210
220				17.4	224.2	9,000*	39.2	282.6	5,900	220
230							34.3	268.8	5,300	230
240							28.8	252.0	4,600	240
250							21.9	230.2	4,000	250

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

160 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

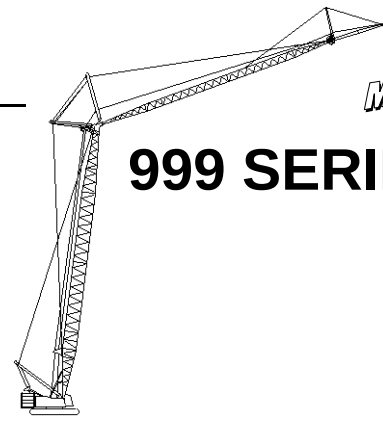
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.2	371.2	15,800*							70
75	73.8	369.7	15,500*							75
80	72.4	368.1	15,200*							80
85	70.9	366.4	14,900*							85
90	69.5	364.5	14,600*							90
95	68.0	362.5	14,300*							95
100	66.5	360.3	14,000*	70.6	364.7	14,600*				100
105	65.0	358.0	13,700*	69.2	362.8	14,300*				105
110	63.5	355.5	13,500*	67.7	360.8	14,000*				110
115	62.0	352.9	13,200*	66.2	358.6	13,800*				115
120	60.4	350.0	13,000*	64.7	356.2	13,500*				120
125	58.8	347.0	12,800*	63.2	353.7	13,300*				125
130	57.2	343.8	12,500*	61.6	351.0	13,100*				130
135	55.6	340.4	12,300*	60.1	348.1	12,900*				135
140	53.9	336.8	12,100*	58.5	345.1	12,600*				140
145	52.2	332.9	11,700*	56.9	341.8	12,500*				145
150	50.4	328.8	11,400*	55.2	338.3	12,200*				150
155	48.6	324.4	11,100*	53.5	334.7	12,000*				155
160	46.8	319.8	10,800*	51.8	330.7	11,800*				160
165	44.8	314.8	10,500*	50.0	326.6	11,500*				165
170	42.9	309.4	10,200*	48.2	322.1	11,200*				170
175	40.8	303.7	10,000*	46.3	317.4	10,900*				175
180	38.6	297.5	9,800*	44.4	312.4	10,600*	56.9	332.9	9,200	180
185	36.4	290.9	9,500*	42.4	306.9	10,300*	55.2	329.5	8,700	185
190	34.0	283.6	9,300*	40.3	301.1	10,100*	53.6	325.8	8,200	190
195	31.4	275.6	9,100*	38.1	294.8	9,800*	51.8	321.9	7,700	195
200	28.6	266.6	9,000*	35.8	288.0	9,600*	50.1	317.7	7,300	200
205	25.6	256.6	8,800*	33.4	280.6	9,400*	48.3	313.3	6,900	205
210	22.1	244.9	8,600*	30.8	272.4	9,200*	46.4	308.6	6,500	210
220	12.6	211.4	8,400*	24.8	252.9	8,800*	42.5	298.1	5,700	220
230				17.0	225.7	8,500*	38.2	286.0	5,100	230
240							33.5	271.8	4,400	240



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

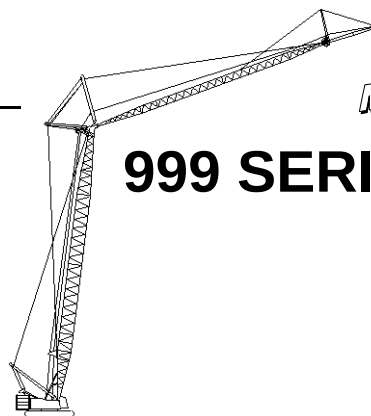
160 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.9	381.5	15,200*							70
75	74.5	380.1	14,900*							75
80	73.2	378.6	14,600*							80
85	71.8	377.0	14,300*							85
90	70.4	375.2	14,100*							90
95	69.1	373.3	13,800*							95
100	67.7	371.3	13,600*							100
105	66.2	369.1	13,300*	70.1	373.5	13,800*				105
110	64.8	366.7	13,000*	68.8	371.6	13,600*				110
115	63.4	364.2	12,800*	67.3	369.5	13,300*				115
120	61.9	361.5	12,600*	65.9	367.3	13,100*				120
125	60.4	358.7	12,400*	64.5	364.9	12,900*				125
130	58.9	355.7	12,200*	63.0	362.3	12,700*				130
135	57.3	352.5	12,000*	61.6	359.6	12,500*				135
140	55.8	349.1	11,800*	60.1	356.8	12,300*				140
145	54.2	345.5	11,600*	58.5	353.7	12,100*				145
150	52.6	341.7	11,300*	57.0	350.5	11,900*				150
155	50.9	337.7	10,900*	55.4	347.1	11,700*				155
160	49.2	333.4	10,700*	53.8	343.4	11,600*				160
165	47.4	328.8	10,400*	52.2	339.6	11,300*				165
170	45.6	324.0	10,100*	50.5	335.5	11,000*				170
175	43.7	318.8	9,900*	48.8	331.1	10,700*				175
180	41.8	313.2	9,600*	47.0	326.5	10,400*				180
185	39.8	307.3	9,400*	45.2	321.6	10,200*	57.0	341.6	8,200	185
190	37.7	300.9	9,200*	43.3	316.3	9,900*	55.5	338.2	7,700	190
195	35.5	294.0	9,000*	41.4	310.7	9,700*	53.9	334.5	7,200	195
200	33.1	286.5	8,800*	39.3	304.7	9,500*	52.2	330.7	6,800	200
205	30.6	278.3	8,700*	37.2	298.2	9,300*	50.5	326.6	6,400	205
210	27.9	269.1	8,500*	35.0	291.1	9,100*	48.8	322.2	6,000	210
220	21.6	246.7	8,200*	30.1	275.0	8,700*	45.2	312.7	5,200	220
230	12.3	212.5	8,000*	24.3	255.0	8,400*	41.4	301.9	4,600	230
240				16.6	227.1	8,100*	37.3	289.4	4,000	240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

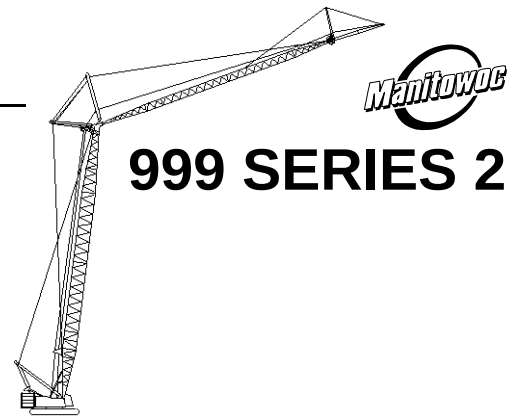
Designed And Tested
With The Intent To
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999 SERIES 2

160 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.2	390.5	14,200*							75
80	73.9	389.1	13,900*							80
85	72.6	387.5	13,700*							85
90	71.3	385.8	13,500*							90
95	70.0	384.0	13,300*							95
100	68.7	382.1	13,000*							100
105	67.3	380.0	12,800*							105
110	66.0	377.8	12,600*	69.7	382.3	13,000*				110
115	64.6	375.4	12,400*	68.4	380.3	12,800*				115
120	63.2	372.9	12,200*	67.0	378.2	12,600*				120
125	61.8	370.2	12,000*	65.7	376.0	12,400*				125
130	60.4	367.4	11,800*	64.3	373.6	12,200*				130
135	58.9	364.4	11,600*	62.9	371.0	12,000*				135
140	57.5	361.2	11,400*	61.5	368.3	11,800*				140
145	56.0	357.8	11,300*	60.1	365.4	11,700*				145
150	54.4	354.3	11,100*	58.6	362.4	11,500*				150
155	52.9	350.5	10,800*	57.1	359.2	11,300*				155
160	51.3	346.5	10,500*	55.6	355.8	11,200*				160
165	49.7	342.3	10,200*	54.1	352.2	11,100*				165
170	48.0	337.8	10,000*	52.5	348.3	10,800*				170
175	46.3	333.1	9,700*	51.0	344.3	10,500*				175
180	44.5	328.0	9,500*	49.3	340.0	10,300*				180
185	42.7	322.7	9,300*	47.6	335.5	10,000*				185
190	40.8	317.0	9,100*	45.9	330.7	9,800*	57.2	350.3	7,300	190
195	38.9	310.8	8,900*	44.2	325.6	9,500*	55.7	346.9	6,800	195
200	36.8	304.2	8,700*	42.3	320.2	9,300*	54.1	343.3	6,400	200
205	34.7	297.1	8,500*	40.4	314.3	9,100*	52.6	339.5	6,000	205
210	32.4	289.4	8,400*	38.4	308.1	8,900*	51.0	335.4	5,600	210
220	27.3	271.5	8,100*	34.2	294.2	8,600*	47.7	326.7	4,900	220
230	21.1	248.5	7,800*	29.4	277.6	8,300*	44.2	316.8	4,200	230
240	12.0	213.5	7,600*	23.7	257.0	8,000*				240
250				16.2	228.5	7,700*				250



Liftcrane Fixed Jib Capacities

999 SERIES 2

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

Designed And Tested
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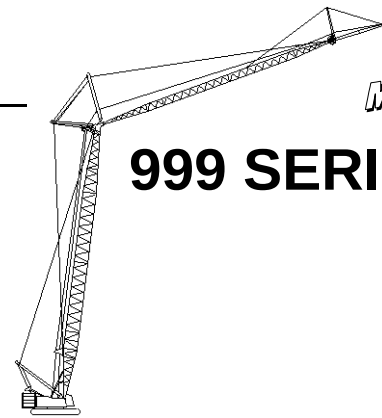
170 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	74.9	342.5	27,400*							60
65	73.2	341.0	27,100*							65
70	71.4	339.4	26,800*							70
75	69.6	337.6	26,500*							75
80	67.8	335.6	26,300*							80
85	66.0	333.4	26,000*							85
90	64.1	331.0	25,800*	69.6	336.1	26,700*				90
95	62.3	328.4	25,000*	67.7	334.1	26,500*				95
100	60.3	325.6	24,100*	65.9	331.9	26,300*				100
105	58.4	322.6	23,300*	64.1	329.5	26,100*				105
110	56.4	319.3	22,500*	62.2	326.9	25,200*				110
115	54.3	315.8	21,700*	60.2	324.1	24,300*				115
120	52.2	312.0	21,100*	58.3	321.1	23,500*				120
125	50.0	307.9	20,400*	56.3	317.8	22,700*				125
130	47.8	303.4	19,900*	54.2	314.2	22,000*				130
135	45.5	298.6	19,300*	52.1	310.4	21,300*				135
140	43.1	293.4	18,800*	49.9	306.3	20,600*				140
145	40.5	287.7	18,300*	47.7	301.8	20,100*				145
150	37.8	281.4	17,900*	45.4	297.0	19,500*				150
155	35.0	274.5	17,500*	42.9	291.8	19,000*				155
160	31.9	266.7	17,100*	40.4	286.0	18,500*	57.2	309.9	11,300	160
165	28.5	257.9	16,800*	37.7	279.7	18,100*	55.2	306.4	10,700	165
170	24.7	247.7	16,300*	34.8	272.8	17,600*	53.1	302.7	10,100	170
175	20.1	235.2	15,600*	31.7	265.0	17,200*	51.0	298.8	9,500	175
180	14.3	218.5	15,100*	28.3	256.1	16,900*	48.7	294.5	8,900	180
185				24.5	245.8	16,600*	46.5	289.8	8,400	185
190				19.9	233.2	16,300*	44.1	284.8	7,900	190
195				14.0	216.2	15,500	41.6	279.2	7,400	195
200							39.0	273.2	7,000	200
205							36.2	266.6	6,600	205
210							33.2	259.2	6,100	210
220							26.3	241.3	5,400	220
230							17.0	215.4	4,600	230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

170 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.8	352.9	26,800*							60
65	74.1	351.5	26,500*							65
70	72.5	349.9	26,300*							70
75	70.8	348.2	26,000*							75
80	69.1	346.4	25,800*							80
85	67.4	344.3	25,600*							85
90	65.7	342.1	25,400*	70.7	346.8	26,100*				90
95	63.9	339.7	24,500*	69.0	344.9	25,900*				95
100	62.1	337.1	23,700*	67.3	342.9	25,800*				100
105	60.3	334.3	22,900*	65.6	340.6	25,600*				105
110	58.5	331.2	22,100*	63.8	338.2	24,700*				110
115	56.6	328.0	21,400*	62.0	335.6	23,800*				115
120	54.6	324.5	20,800*	60.2	332.8	23,100*				120
125	52.7	320.8	20,200*	58.4	329.7	22,300*				125
130	50.6	316.7	19,600*	56.5	326.5	21,600*				130
135	48.5	312.4	19,100*	54.6	323.0	21,000*				135
140	46.4	307.7	18,600*	52.6	319.2	20,300*				140
145	44.1	302.7	18,100*	50.5	315.2	19,800*				145
150	41.8	297.2	17,700*	48.4	310.8	19,200*				150
155	39.3	291.2	17,300*	46.3	306.1	18,700*				155
160	36.7	284.7	16,900*	44.0	301.1	18,300*				160
165	33.9	277.5	16,500*	41.7	295.6	17,800*	57.4	318.5	10,500	165
170	30.9	269.5	16,100*	39.2	289.6	17,400*	55.5	315.1	9,900	170
175	27.6	260.4	15,400*	36.6	283.0	17,000*	53.5	311.5	9,300	175
180	23.9	249.8	14,800*	33.8	275.8	16,700*	51.5	307.6	8,700	180
185	19.6	236.9	14,200*	30.8	267.7	16,300*	49.4	303.4	8,200	185
190	13.9	219.7	13,800*	27.5	258.6	16,000*	47.3	298.9	7,700	190
195				23.8	247.9	15,400	45.1	294.0	7,300	195
200				19.3	234.9	14,800	42.8	288.7	6,800	200
205				13.6	217.3	14,100	40.3	282.9	6,400	205
210							37.8	276.7	6,000	210
220							32.2	262.1	5,200	220
230							25.5	243.6	4,500	230

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

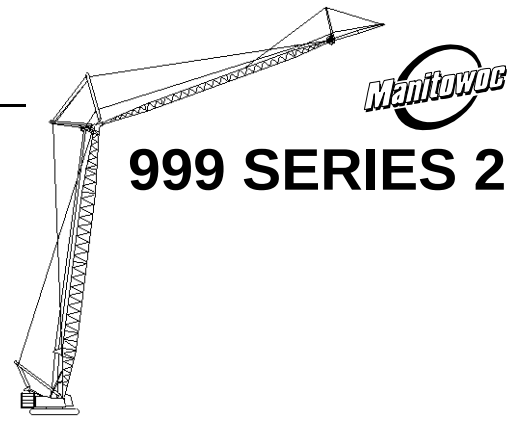
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

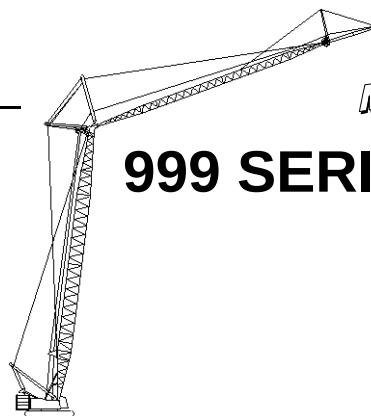
170 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.0	361.9	25,900*							65
70	73.4	360.4	25,700*							70
75	71.9	358.8	25,400*							75
80	70.3	357.1	25,200*							80
85	68.7	355.1	24,900*							85
90	67.0	353.0	24,700*							90
95	65.4	350.8	24,000*	70.2	355.6	24,100*				95
100	63.7	348.4	23,200*	68.6	353.7	24,000*				100
105	62.0	345.7	22,400*	67.0	351.6	23,800*				105
110	60.3	342.9	21,700*	65.3	349.3	23,600*				110
115	58.5	339.9	21,000*	63.6	346.9	23,300*				115
120	56.8	336.7	20,400*	61.9	344.2	22,600*				120
125	54.9	333.2	19,800*	60.2	341.4	21,900*				125
130	53.1	329.5	19,300*	58.5	338.4	21,200*				130
135	51.2	325.6	18,800*	56.7	335.2	20,600*				135
140	49.2	321.3	18,300*	54.9	331.7	20,000*				140
145	47.2	316.8	17,900*	53.0	328.0	19,500*				145
150	45.1	311.9	17,500*	51.1	324.0	19,000*				150
155	42.9	306.6	17,100*	49.1	319.8	18,500*				155
160	40.6	300.9	16,700*	47.1	315.2	18,000*				160
165	38.2	294.7	16,200*	45.0	310.3	17,600*				165
170	35.7	287.9	15,600*	42.8	305.0	17,200*	57.5	327.2	9,300	170
175	33.0	280.5	15,000*	40.5	299.3	16,800*	55.7	323.8	8,800	175
180	30.1	272.2	14,500*	38.1	293.0	16,500*	53.9	320.3	8,200	180
185	26.9	262.8	13,900*	35.6	286.2	16,200*	52.0	316.4	7,700	185
190	23.3	251.8	13,400*	32.9	278.7	15,800	50.0	312.3	7,200	190
195	19.0	238.6	13,000*	29.9	270.4	15,100	48.0	307.9	6,700	195
200	13.5	220.8	12,600*	26.7	260.9	14,400	45.9	303.1	6,300	200
205				23.1	249.9	13,700	43.8	298.0	5,900	205
210				18.8	236.5	13,100	41.6	292.5	5,500	210
220							36.8	280.0	4,700	220
230							31.3	264.9	4,100	230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

170 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.8	372.3	23,300*							65
70	74.3	370.9	23,300*							70
75	72.8	369.3	22,800*							75
80	71.3	367.7	22,500*							80
85	69.8	365.9	22,300*							85
90	68.2	363.9	22,000*							90
95	66.7	361.8	21,700*							95
100	65.1	359.5	21,500*	69.7	364.4	21,300*				100
105	63.5	357.0	21,300*	68.2	362.4	21,100*				105
110	61.9	354.4	21,000*	66.6	360.3	21,000*				110
115	60.3	351.6	20,500*	65.0	358.0	20,800*				115
120	58.6	348.6	20,000*	63.5	355.6	20,600*				120
125	56.9	345.4	19,400*	61.8	352.9	20,400*				125
130	55.2	341.9	18,900*	60.2	350.1	20,300*				130
135	53.4	338.3	18,400*	58.5	347.1	20,100*				135
140	51.6	334.4	18,000*	56.8	343.9	19,600*				140
145	49.8	330.2	17,500*	55.1	340.4	19,100*				145
150	47.9	325.8	17,100*	53.3	336.8	18,600*				150
155	45.9	321.0	16,700*	51.5	332.8	18,100*				155
160	43.9	315.9	16,100*	49.7	328.7	17,700*				160
165	41.7	310.4	15,600*	47.8	324.2	17,300*				165
170	39.5	304.5	15,100*	45.8	319.4	16,900*				170
175	37.2	298.1	14,600*	43.8	314.3	16,500*	57.6	335.9	8,400	175
180	34.7	291.1	14,100*	41.6	308.8	16,200*	55.9	332.5	7,800	180
185	32.1	283.3	13,600*	39.4	302.8	15,900*	54.2	329.0	7,300	185
190	29.3	274.8	13,100*	37.1	296.4	15,400	52.4	325.2	6,800	190
195	26.2	265.1	12,700*	34.6	289.4	14,700	50.5	321.1	6,400	195
200	22.7	253.8	12,200*	32.0	281.6	14,100	48.7	316.8	5,900	200
205	18.5	240.2	11,800*	29.2	273.0	13,400	46.7	312.2	5,500	205
210	13.1	222.0	11,500*	26.0	263.2	12,800	44.7	307.2	5,100	210
220				18.3	238.1	11,700	40.5	296.2	4,400	220



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

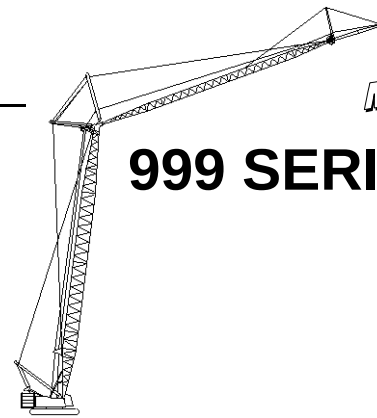
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

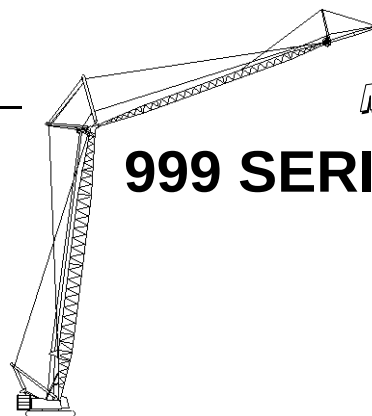
170 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.6	351.4	22,600*							65
70	72.9	349.9	22,400*							70
75	71.2	348.2	22,100*							75
80	69.5	346.3	21,800*							80
85	67.8	344.3	21,600*							85
90	66.1	342.0	21,400*							90
95	64.3	339.6	21,100*	69.5	344.9	22,000*				95
100	62.5	337.0	20,400*	67.7	342.8	21,800*				100
105	60.7	334.2	19,600*	66.0	340.6	21,600*				105
110	58.9	331.2	19,000*	64.2	338.1	21,300*				110
115	57.0	327.9	18,300*	62.5	335.5	20,500*				115
120	55.1	324.4	17,700*	60.6	332.7	19,800*				120
125	53.1	320.7	17,200*	58.8	329.7	19,100*				125
130	51.0	316.7	16,700*	56.9	326.4	18,500*				130
135	48.9	312.3	16,200*	55.0	322.9	17,900*				135
140	46.8	307.6	15,700*	53.0	319.2	17,300*				140
145	44.5	302.6	15,300*	50.9	315.1	16,800*				145
150	42.2	297.1	14,900*	48.8	310.8	16,300*				150
155	39.7	291.2	14,600*	46.7	306.1	15,900*				155
160	37.1	284.6	14,200*	44.4	301.0	15,400*				160
165	34.3	277.4	13,900*	42.1	295.5	15,000*	57.8	318.5	10,800	165
170	31.3	269.4	13,600*	39.6	289.5	14,700*	55.9	315.1	10,200	170
175	28.0	260.3	13,300*	37.0	283.0	14,300*	53.9	311.4	9,600	175
180	24.3	249.7	13,100*	34.2	275.7	14,000*	51.9	307.5	9,000	180
185	19.9	236.8	12,900*	31.2	267.6	13,700*	49.8	303.3	8,500	185
190	14.2	219.5	12,700*	27.9	258.5	13,400*	47.7	298.8	8,000	190
195				24.1	247.8	13,200*	45.5	293.9	7,600	195
200				19.7	234.7	13,000*	43.2	288.6	7,100	200
205				13.9	217.1	12,800*	40.8	282.9	6,700	205
210							38.2	276.6	6,300	210
220							32.6	262.0	5,500	220
230							25.9	243.4	4,800	230
240							16.8	216.6	4,200	240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

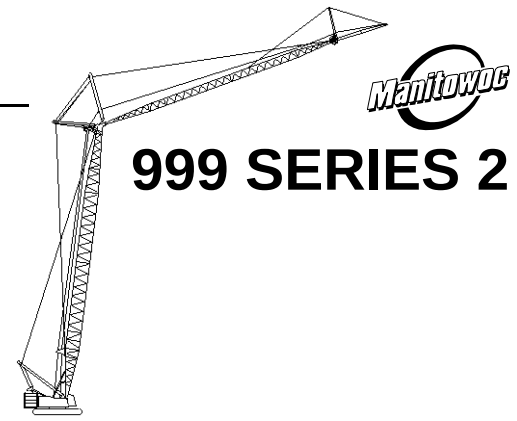
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 2

170 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.4	361.8	22,200*							65
70	73.8	360.4	22,000*							70
75	72.2	358.8	21,700*							75
80	70.7	357.0	21,500*							80
85	69.0	355.1	21,300*							85
90	67.4	353.0	21,100*							90
95	65.8	350.7	20,700*	70.6	355.6	21,600*				95
100	64.1	348.3	20,000*	69.0	353.6	21,400*				100
105	62.4	345.7	19,300*	67.3	351.5	21,200*				105
110	60.7	342.9	18,600*	65.7	349.3	20,900*				110
115	58.9	339.9	18,000*	64.0	346.8	20,100*				115
120	57.1	336.6	17,400*	62.3	344.2	19,400*				120
125	55.3	333.2	16,900*	60.6	341.4	18,800*				125
130	53.5	329.5	16,400*	58.9	338.3	18,200*				130
135	51.5	325.5	15,900*	57.1	335.1	17,600*				135
140	49.6	321.3	15,500*	55.2	331.6	17,100*				140
145	47.5	316.7	15,100*	53.4	327.9	16,600*				145
150	45.4	311.8	14,700*	51.5	324.0	16,100*				150
155	43.3	306.5	14,400*	49.5	319.7	15,600*				155
160	41.0	300.8	14,000*	47.4	315.1	15,200*				160
165	38.6	294.6	13,700*	45.3	310.2	14,800*				165
170	36.1	287.8	13,400*	43.2	304.9	14,500*	57.9	327.1	10,000	170
175	33.4	280.4	13,100*	40.9	299.2	14,100*	56.1	323.8	9,400	175
180	30.5	272.1	12,900*	38.5	293.0	13,800*	54.2	320.2	8,800	180
185	27.3	262.6	12,600*	35.9	286.2	13,500*	52.3	316.3	8,300	185
190	23.6	251.7	12,400*	33.2	278.7	13,200*	50.4	312.2	7,800	190
195	19.4	238.4	12,200*	30.3	270.3	13,000*	48.4	307.8	7,400	195
200	13.8	220.6	12,100*	27.1	260.8	12,700*	46.3	303.0	6,900	200
205				23.5	249.8	12,500*	44.2	297.9	6,500	205
210				19.2	236.3	12,300*	41.9	292.4	6,100	210
220							37.1	279.9	5,400	220
230							31.7	264.8	4,700	230
240							25.2	245.6	4,000	240



Liftcrane Fixed Jib Capacities

999 SERIES 2

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
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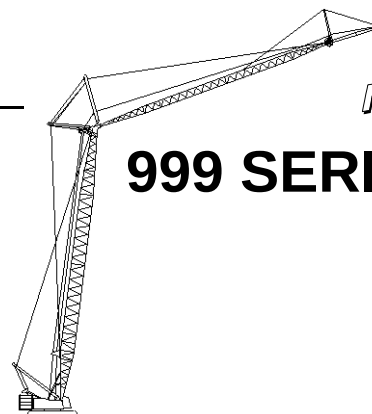
170 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.7	370.8	21,500*							70
75	73.2	369.3	21,300*							75
80	71.7	367.6	21,100*							80
85	70.1	365.8	20,800*							85
90	68.6	363.8	20,600*							90
95	67.1	361.7	20,300*							95
100	65.5	359.4	19,600*	70.1	364.4	20,900*				100
105	63.9	357.0	18,900*	68.5	362.4	20,700*				105
110	62.3	354.3	18,300*	67.0	360.3	20,400*				110
115	60.7	351.5	17,700*	65.4	358.0	19,700*				115
120	59.0	348.5	17,200*	63.8	355.5	19,000*				120
125	57.3	345.3	16,600*	62.2	352.9	18,400*				125
130	55.6	341.9	16,200*	60.6	350.0	17,800*				130
135	53.8	338.2	15,700*	58.9	347.0	17,300*				135
140	52.0	334.3	15,300*	57.2	343.8	16,800*				140
145	50.1	330.2	14,900*	55.5	340.4	16,300*				145
150	48.2	325.7	14,500*	53.7	336.7	15,800*				150
155	46.3	320.9	14,200*	51.9	332.8	15,400*				155
160	44.2	315.8	13,900*	50.0	328.6	15,000*				160
165	42.1	310.3	13,500*	48.1	324.1	14,600*				165
170	39.9	304.4	13,300*	46.2	319.4	14,300*				170
175	37.6	298.0	13,000*	44.1	314.2	14,000*	58.0	335.8	8,900	175
180	35.1	291.0	12,700*	42.0	308.7	13,600*	56.3	332.5	8,300	180
185	32.5	283.2	12,500*	39.8	302.8	13,400*	54.5	328.9	7,800	185
190	29.7	274.7	12,300*	37.5	296.3	13,100*	52.7	325.1	7,300	190
195	26.5	264.9	12,100*	35.0	289.3	12,800*	50.9	321.1	6,900	195
200	23.0	253.7	11,900*	32.4	281.5	12,600*	49.0	316.8	6,400	200
205	18.9	240.0	11,500*	29.5	272.9	12,400*	47.1	312.1	6,000	205
210	13.5	221.7	11,100*	26.4	263.1	12,200*	45.1	307.2	5,600	210
220				18.6	237.9	11,800*	40.8	296.1	4,900	220
230							36.1	283.1	4,200	230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

170 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.4	381.2	20,500*							70
75	74.0	379.8	20,200*							75
80	72.6	378.2	20,000*							80
85	71.1	376.5	19,700*							85
90	69.7	374.6	19,500*							90
95	68.2	372.6	19,200*							95
100	66.7	370.4	19,000*							100
105	65.2	368.1	18,500*	69.6	373.2	18,700*				105
110	63.7	365.6	17,900*	68.1	371.1	18,700*				110
115	62.2	363.0	17,300*	66.7	369.0	18,400*				115
120	60.6	360.2	16,800*	65.2	366.7	18,300*				120
125	59.0	357.2	16,300*	63.6	364.2	18,000*				125
130	57.4	354.0	15,800*	62.1	361.5	17,400*				130
135	55.8	350.6	15,400*	60.5	358.7	16,900*				135
140	54.1	347.0	15,000*	59.0	355.7	16,400*				140
145	52.4	343.1	14,600*	57.4	352.5	16,000*				145
150	50.6	339.0	14,300*	55.7	349.1	15,500*				150
155	48.8	334.7	13,900*	54.0	345.4	15,100*				155
160	47.0	330.0	13,600*	52.3	341.6	14,700*				160
165	45.1	325.1	13,300*	50.6	337.5	14,400*				165
170	43.1	319.8	13,000*	48.8	333.1	14,000*				170
175	41.0	314.0	12,800*	46.9	328.4	13,700*				175
180	38.9	307.9	12,500*	45.0	323.5	13,400*				180
185	36.6	301.3	12,300*	43.0	318.1	13,100*	56.5	341.2	7,400	185
190	34.2	294.0	12,100*	40.9	312.4	12,800*	54.8	337.7	6,900	190
195	31.7	286.0	11,800*	38.8	306.2	12,600*	53.1	333.9	6,500	195
200	28.9	277.2	11,600*	36.5	299.6	12,400*	51.4	329.9	6,000	200
205	25.9	267.2	11,200*	34.1	292.3	12,100*	49.6	325.7	5,600	205
210	22.4	255.6	10,900*	31.5	284.3	11,900*	47.8	321.2	5,200	210
220	13.1	222.8	10,300*	25.7	265.3	11,600*	43.9	311.2	4,500	220
230				18.2	239.5	10,900				230



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

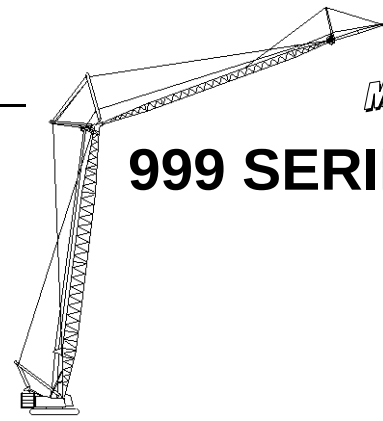
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

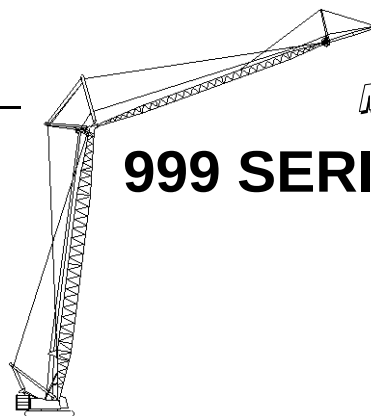
170 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.5	361.8	19,400*							65
70	73.9	360.4	19,100*							70
75	72.3	358.8	18,900*							75
80	70.7	357.0	18,600*							80
85	69.1	355.1	18,400*							85
90	67.5	353.0	18,200*							90
95	65.9	350.7	17,900*	70.7	355.6	18,700*				95
100	64.2	348.3	17,700*	69.1	353.6	18,500*				100
105	62.5	345.7	17,300*	67.4	351.5	18,300*				105
110	60.8	342.9	16,700*	65.8	349.3	18,100*				110
115	59.0	339.9	16,100*	64.1	346.8	17,900*				115
120	57.2	336.6	15,600*	62.4	344.2	17,500*				120
125	55.4	333.2	15,100*	60.7	341.4	16,800*				125
130	53.6	329.5	14,600*	58.9	338.4	16,300*				130
135	51.6	325.5	14,200*	57.2	335.1	15,700*				135
140	49.7	321.3	13,800*	55.3	331.6	15,200*				140
145	47.6	316.7	13,400*	53.5	327.9	14,700*				145
150	45.5	311.8	13,000*	51.5	324.0	14,300*				150
155	43.4	306.5	12,700*	49.6	319.7	13,800*				155
160	41.1	300.8	12,300*	47.5	315.1	13,500*				160
165	38.7	294.6	12,000*	45.4	310.2	13,100*				165
170	36.2	287.9	11,800*	43.3	304.9	12,800*	58.0	327.2	10,200	170
175	33.5	280.4	11,500*	41.0	299.2	12,400*	56.2	323.8	9,600	175
180	30.6	272.1	11,300*	38.6	293.0	12,100*	54.3	320.2	9,100	180
185	27.4	262.7	11,000*	36.0	286.2	11,800*	52.4	316.3	8,600	185
190	23.7	251.7	10,800*	33.3	278.7	11,600*	50.5	312.2	8,100	190
195	19.5	238.4	10,600*	30.4	270.3	11,300*	48.5	307.8	7,600	195
200	13.9	220.7	10,500*	27.2	260.8	11,100*	46.4	303.0	7,200	200
205				23.6	249.8	10,900*	44.3	297.9	6,800	205
210				19.3	236.4	10,700*	42.0	292.4	6,400	210
220							37.2	279.9	5,600	220
230							31.8	264.8	5,000	230
240							25.3	245.6	4,300	240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

170 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

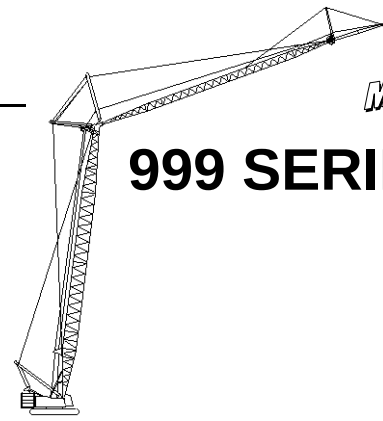
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.7	370.8	18,800*							70
75	73.3	369.3	18,600*							75
80	71.7	367.6	18,400*							80
85	70.2	365.8	18,100*							85
90	68.7	363.8	17,900*							90
95	67.1	361.7	17,700*							95
100	65.6	359.4	17,500*	70.2	364.4	18,200*				100
105	64.0	357.0	17,000*	68.6	362.4	18,000*				105
110	62.4	354.3	16,400*	67.1	360.3	17,900*				110
115	60.7	351.5	15,900*	65.5	358.0	17,700*				115
120	59.1	348.5	15,300*	63.9	355.5	17,100*				120
125	57.4	345.3	14,800*	62.3	352.9	16,500*				125
130	55.7	341.9	14,400*	60.7	350.0	16,000*				130
135	53.9	338.2	13,900*	59.0	347.0	15,500*				135
140	52.1	334.3	13,600*	57.3	343.8	15,000*				140
145	50.2	330.2	13,200*	55.6	340.4	14,500*				145
150	48.3	325.7	12,800*	53.8	336.7	14,100*				150
155	46.3	321.0	12,500*	52.0	332.8	13,600*				155
160	44.3	315.8	12,200*	50.1	328.6	13,300*				160
165	42.2	310.4	11,900*	48.2	324.1	12,900*				165
170	40.0	304.4	11,600*	46.3	319.4	12,600*				170
175	37.7	298.0	11,300*	44.2	314.2	12,300*				175
180	35.2	291.0	11,100*	42.1	308.7	12,000*	56.4	332.5	8,900	180
185	32.6	283.3	10,900*	39.9	302.8	11,700*	54.6	328.9	8,400	185
190	29.7	274.7	10,600*	37.5	296.3	11,400*	52.8	325.1	7,900	190
195	26.6	265.0	10,400*	35.1	289.3	11,200*	51.0	321.1	7,400	195
200	23.1	253.7	10,300*	32.5	281.5	10,900*	49.1	316.8	7,000	200
205	19.0	240.0	10,100*	29.6	272.9	10,700*	47.2	312.1	6,600	205
210	13.6	221.8	10,000*	26.5	263.1	10,500*	45.2	307.2	6,200	210
220				18.7	238.0	10,200*	40.9	296.1	5,500	220
230							36.2	283.1	4,800	230
240							30.9	267.5	4,200	240



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

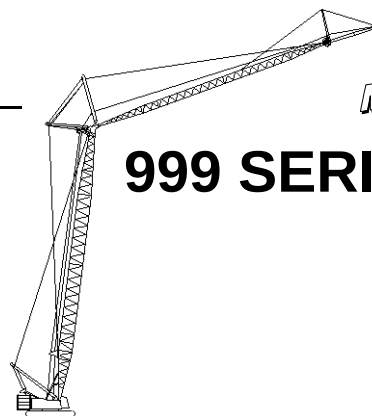
170 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.5	381.2	18,400*							70
75	74.1	379.8	18,200*							75
80	72.6	378.2	18,000*							80
85	71.2	376.5	17,800*							85
90	69.8	374.6	17,600*							90
95	68.3	372.6	17,400*							95
100	66.8	370.4	17,100*							100
105	65.3	368.1	16,700*	69.7	373.2	17,200*				105
110	63.8	365.7	16,100*	68.2	371.1	17,000*				110
115	62.3	363.0	15,600*	66.7	369.0	16,800*				115
120	60.7	360.2	15,100*	65.3	366.7	16,600*				120
125	59.1	357.2	14,600*	63.7	364.2	16,200*				125
130	57.5	354.0	14,200*	62.2	361.5	15,700*				130
135	55.9	350.6	13,700*	60.6	358.7	15,200*				135
140	54.2	347.0	13,300*	59.1	355.7	14,700*				140
145	52.5	343.1	13,000*	57.4	352.5	14,300*				145
150	50.7	339.0	12,600*	55.8	349.1	13,800*				150
155	48.9	334.7	12,300*	54.1	345.4	13,400*				155
160	47.1	330.0	12,000*	52.4	341.6	13,100*				160
165	45.2	325.1	11,700*	50.6	337.5	12,700*				165
170	43.2	319.8	11,500*	48.8	333.1	12,400*				170
175	41.1	314.1	11,200*	47.0	328.5	12,100*				175
180	39.0	307.9	11,000*	45.1	323.5	11,800*				180
185	36.7	301.3	10,700*	43.1	318.1	11,500*	56.6	341.2	7,900	185
190	34.3	294.0	10,500*	41.0	312.4	11,300*	54.9	337.7	7,400	190
195	31.8	286.1	10,300*	38.9	306.3	11,000*	53.2	333.9	6,900	195
200	29.0	277.2	10,100*	36.6	299.6	10,800*	51.5	329.9	6,500	200
205	26.0	267.2	10,000*	34.2	292.3	10,600*	49.7	325.7	6,100	205
210	22.5	255.6	9,800*	31.6	284.3	10,400*	47.8	321.2	5,700	210
220	13.2	222.9	9,500*	25.8	265.4	10,000*	44.0	311.2	5,000	220
230				18.3	239.5	9,700*	39.9	299.7	4,300	230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



999 SERIES 2

170 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

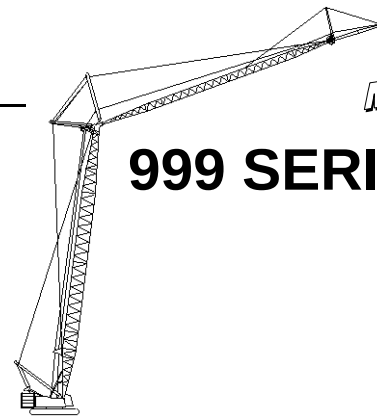
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.8	390.2	17,200*							75
80	73.5	388.7	17,000*							80
85	72.1	387.1	16,800*							85
90	70.7	385.3	16,500*							90
95	69.3	383.4	16,300*							95
100	67.9	381.3	16,100*							100
105	66.5	379.2	15,800*	70.7	383.8	16,000*				105
110	65.1	376.8	15,700*	69.3	381.9	15,800*				110
115	63.6	374.3	15,300*	67.9	379.9	15,700*				115
120	62.2	371.7	14,800*	66.4	377.7	15,500*				120
125	60.7	368.9	14,300*	65.0	375.3	15,300*				125
130	59.2	365.9	13,900*	63.6	372.8	15,200*				130
135	57.6	362.7	13,500*	62.1	370.2	14,900*				135
140	56.1	359.3	13,100*	60.6	367.4	14,400*				140
145	54.5	355.7	12,700*	59.1	364.4	14,000*				145
150	52.8	351.9	12,400*	57.6	361.2	13,600*				150
155	51.2	347.9	12,100*	56.0	357.8	13,200*				155
160	49.5	343.6	11,800*	54.4	354.2	12,800*				160
165	47.7	339.1	11,500*	52.8	350.4	12,500*				165
170	45.9	334.2	11,200*	51.1	346.3	12,200*				170
175	44.0	329.1	11,000*	49.4	342.1	11,900*				175
180	42.1	323.6	10,800*	47.6	337.5	11,600*				180
185	40.1	317.7	10,500*	45.8	332.7	11,300*				185
190	38.0	311.3	10,300*	44.0	327.5	11,100*	56.7	349.9	7,000	190
195	35.8	304.4	10,100*	42.0	322.0	10,800*	55.1	346.4	6,500	195
200	33.5	297.0	9,900*	40.0	316.0	10,600*	53.5	342.7	6,100	200
205	31.0	288.8	9,800*	37.9	309.7	10,400*	51.9	338.8	5,700	205
210	28.3	279.7	9,600*	35.7	302.8	10,200*	50.2	334.6	5,300	210
220	22.0	257.5	9,300*	30.9	287.0	9,800*	46.7	325.4	4,600	220
230	12.9	223.9	9,100*	25.2	267.5	9,500*				230
240				17.8	241.0	9,200*				240



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

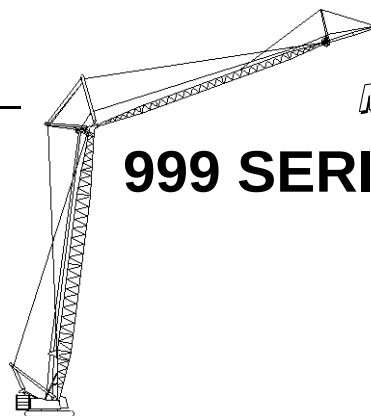
170 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.5	370.9	16,300*							70
75	73.1	369.3	16,000*							75
80	71.6	367.7	15,700*							80
85	70.0	365.9	15,300*							85
90	68.5	363.9	15,000*							90
95	67.0	361.8	14,700*							95
100	65.4	359.5	14,400*	70.0	364.4	15,100*				100
105	63.8	357.0	14,100*	68.4	362.4	14,800*				105
110	62.2	354.4	13,800*	66.9	360.3	14,500*				110
115	60.6	351.6	13,500*	65.3	358.0	14,200*				115
120	58.9	348.6	13,300*	63.7	355.6	13,900*				120
125	57.2	345.4	13,000*	62.1	352.9	13,700*				125
130	55.5	341.9	12,800*	60.5	350.1	13,400*				130
135	53.7	338.3	12,600*	58.8	347.1	13,200*				135
140	51.9	334.4	12,300*	57.1	343.9	12,900*				140
145	50.0	330.2	12,000*	55.4	340.4	12,700*				145
150	48.1	325.8	11,600*	53.6	336.8	12,500*				150
155	46.2	321.0	11,300*	51.8	332.8	12,300*				155
160	44.1	315.9	11,000*	50.0	328.7	12,000*				160
165	42.0	310.4	10,700*	48.0	324.2	11,700*				165
170	39.8	304.5	10,500*	46.1	319.4	11,400*				170
175	37.5	298.1	10,200*	44.0	314.3	11,100*	57.9	335.9	9,600	175
180	35.0	291.1	10,000*	41.9	308.8	10,800*	56.2	332.5	9,100	180
185	32.4	283.3	9,700*	39.7	302.8	10,500*	54.4	329.0	8,600	185
190	29.6	274.8	9,500*	37.4	296.4	10,300*	52.6	325.2	8,100	190
195	26.5	265.1	9,300*	34.9	289.4	10,000*	50.8	321.1	7,700	195
200	22.9	253.8	9,100*	32.3	281.6	9,800*	48.9	316.8	7,200	200
205	18.8	240.2	8,900*	29.4	273.0	9,600*	47.0	312.2	6,800	205
210	13.4	222.0	8,600*	26.3	263.2	9,400*	45.0	307.2	6,400	210
220				18.6	238.1	9,000*	40.7	296.2	5,700	220
230							36.1	283.2	5,000	230
240							30.8	267.6	4,400	240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

170 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

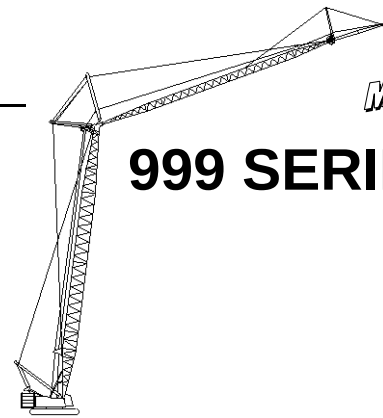
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.3	381.3	15,700*							70
75	73.9	379.8	15,400*							75
80	72.5	378.2	15,200*							80
85	71.0	376.5	14,900*							85
90	69.6	374.7	14,600*							90
95	68.1	372.6	14,300*							95
100	66.6	370.5	14,000*	71.0	375.1	14,600*				100
105	65.1	368.2	13,700*	69.5	373.2	14,300*				105
110	63.6	365.7	13,400*	68.0	371.2	14,000*				110
115	62.1	363.1	13,200*	66.6	369.0	13,800*				115
120	60.5	360.2	13,000*	65.1	366.7	13,500*				120
125	58.9	357.2	12,700*	63.6	364.2	13,300*				125
130	57.3	354.0	12,500*	62.0	361.6	13,100*				130
135	55.7	350.6	12,300*	60.5	358.7	12,800*				135
140	54.0	347.0	12,100*	58.9	355.7	12,600*				140
145	52.3	343.2	11,800*	57.3	352.5	12,400*				145
150	50.5	339.1	11,500*	55.6	349.1	12,200*				150
155	48.7	334.7	11,200*	53.9	345.5	12,000*				155
160	46.9	330.1	10,900*	52.2	341.6	11,900*				160
165	45.0	325.1	10,600*	50.5	337.5	11,600*				165
170	43.0	319.8	10,300*	48.7	333.2	11,200*				170
175	40.9	314.1	10,100*	46.8	328.5	10,900*				175
180	38.8	308.0	9,800*	44.9	323.5	10,700*	58.0	344.6	8,900	180
185	36.5	301.3	9,600*	42.9	318.2	10,400*	56.4	341.2	8,400	185
190	34.1	294.1	9,400*	40.8	312.5	10,100*	54.7	337.7	7,900	190
195	31.6	286.1	9,200*	38.7	306.3	9,900*	53.0	334.0	7,500	195
200	28.8	277.3	9,000*	36.4	299.7	9,700*	51.3	330.0	7,000	200
205	25.8	267.3	8,800*	34.0	292.4	9,400*	49.5	325.7	6,600	205
210	22.4	255.7	8,700*	31.5	284.4	9,200*	47.7	321.2	6,200	210
220	13.1	223.1	8,400*	25.6	265.5	8,900*	43.8	311.2	5,500	220
230				18.1	239.6	8,600*	39.7	299.8	4,800	230
240							35.1	286.3	4,200	240



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

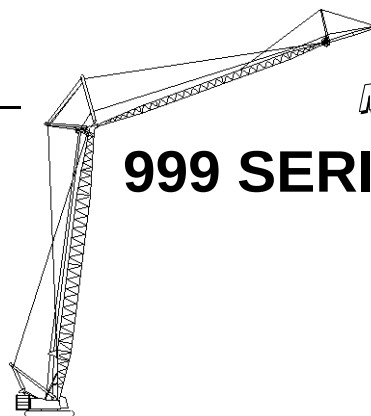
170 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	76.0	391.6	15,100*							70
75	74.6	390.2	14,800*							75
80	73.3	388.7	14,600*							80
85	71.9	387.1	14,300*							85
90	70.5	385.3	14,000*							90
95	69.2	383.4	13,800*							95
100	67.8	381.4	13,500*							100
105	66.3	379.2	13,300*	70.5	383.9	13,700*				105
110	64.9	376.9	13,000*	69.1	382.0	13,500*				110
115	63.5	374.4	12,800*	67.7	379.9	13,300*				115
120	62.0	371.7	12,600*	66.3	377.7	13,100*				120
125	60.5	368.9	12,400*	64.8	375.4	12,800*				125
130	59.0	365.9	12,200*	63.4	372.9	12,600*				130
135	57.5	362.7	12,000*	61.9	370.2	12,500*				135
140	55.9	359.4	11,800*	60.4	367.4	12,200*				140
145	54.3	355.8	11,600*	58.9	364.4	12,000*				145
150	52.7	352.0	11,300*	57.4	361.2	11,900*				150
155	51.0	348.0	11,000*	55.8	357.8	11,700*				155
160	49.3	343.7	10,700*	54.2	354.2	11,500*				160
165	47.5	339.1	10,400*	52.6	350.4	11,400*				165
170	45.7	334.3	10,200*	50.9	346.4	11,100*				170
175	43.9	329.1	9,900*	49.2	342.1	10,800*				175
180	42.0	323.6	9,700*	47.5	337.6	10,500*				180
185	39.9	317.7	9,500*	45.7	332.7	10,300*				185
190	37.8	311.4	9,300*	43.8	327.5	10,000*	56.5	349.9	7,400	190
195	35.6	304.5	9,100*	41.9	322.0	9,800*	55.0	346.4	6,900	195
200	33.3	297.1	8,900*	39.9	316.1	9,500*	53.3	342.7	6,500	200
205	30.8	288.9	8,700*	37.8	309.7	9,300*	51.7	338.8	6,100	205
210	28.1	279.8	8,600*	35.5	302.8	9,100*	50.0	334.6	5,700	210
220	21.8	257.6	8,300*	30.7	287.1	8,800*	46.5	325.5	5,000	220
230	12.8	224.1	8,000*	25.0	267.6	8,400*	42.8	315.1	4,300	230
240				17.7	241.1	8,200*				240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

170 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.3	400.6	14,100*							75
80	74.0	399.2	13,900*							80
85	72.7	397.6	13,700*							85
90	71.4	396.0	13,400*							90
95	70.1	394.1	13,200*							95
100	68.8	392.2	13,000*							100
105	67.4	390.1	12,800*							105
110	66.1	387.9	12,500*	70.0	392.7	12,900*				110
115	64.7	385.6	12,300*	68.7	390.8	12,700*				115
120	63.3	383.0	12,100*	67.4	388.7	12,500*				120
125	61.9	380.4	11,900*	66.0	386.5	12,300*				125
130	60.5	377.6	11,700*	64.6	384.1	12,100*				130
135	59.0	374.6	11,600*	63.2	381.6	11,900*				135
140	57.6	371.4	11,400*	61.8	378.9	11,800*				140
145	56.1	368.1	11,200*	60.4	376.1	11,600*				145
150	54.6	364.5	11,100*	59.0	373.1	11,500*				150
155	53.0	360.8	10,800*	57.5	369.9	11,300*				155
160	51.4	356.8	10,500*	56.0	366.5	11,100*				160
165	49.8	352.6	10,300*	54.5	363.0	11,000*				165
170	48.1	348.1	10,000*	52.9	359.2	10,900*				170
175	46.4	343.4	9,800*	51.3	355.2	10,600*				175
180	44.7	338.4	9,500*	49.7	351.0	10,300*				180
185	42.9	333.1	9,300*	48.1	346.6	10,100*				185
190	41.0	327.4	9,100*	46.4	341.8	9,800*				190
195	39.0	321.3	8,900*	44.6	336.8	9,600*	56.7	358.6	6,500	195
200	37.0	314.7	8,700*	42.8	331.4	9,400*	55.2	355.2	6,100	200
205	34.8	307.6	8,600*	40.9	325.7	9,200*	53.7	351.5	5,700	205
210	32.6	299.9	8,400*	38.9	319.6	9,000*	52.1	347.6	5,300	210
220	27.5	282.2	8,100*	34.7	305.9	8,600*	48.8	339.2	4,600	220
230	21.3	259.5	7,800*	30.0	289.8	8,300*	45.4	329.7	4,000	230
240	12.5	225.2	7,600*	24.5	269.8	8,000*				240
250				17.3	242.6	7,800*				250



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

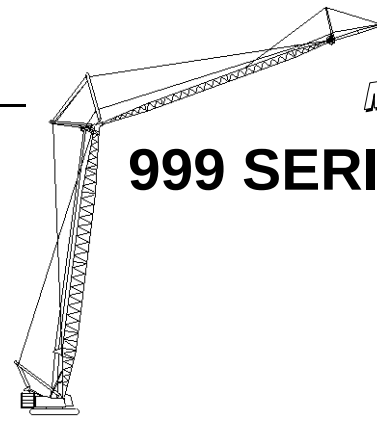
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

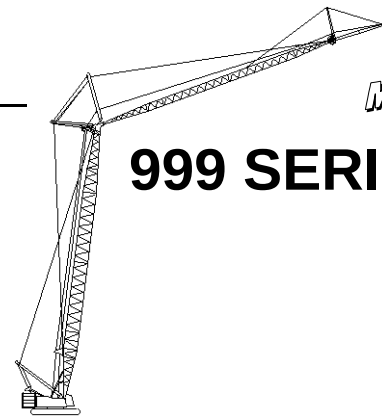
180 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.1	352.6	27,200*							60
65	73.3	351.1	26,900*							65
70	71.5	349.5	26,600*							70
75	69.8	347.7	26,300*							75
80	68.0	345.7	26,100*							80
85	66.1	343.5	25,900*							85
90	64.3	341.2	25,600*	70.0	346.5	26,600*				90
95	62.4	338.6	24,900*	68.2	344.5	26,400*				95
100	60.5	335.8	24,000*	66.4	342.4	26,200*				100
105	58.5	332.8	23,200*	64.5	340.0	26,000*				105
110	56.5	329.5	22,400*	62.6	337.5	25,400*				110
115	54.5	326.0	21,700*	60.7	334.7	24,500*				115
120	52.4	322.2	21,000*	58.8	331.8	23,700*				120
125	50.2	318.1	20,400*	56.8	328.5	22,900*				125
130	48.0	313.7	19,800*	54.7	325.1	22,100*				130
135	45.6	308.9	19,300*	52.6	321.3	21,500*				135
140	43.2	303.7	18,800*	50.5	317.3	20,800*				140
145	40.7	298.1	18,300*	48.3	312.9	20,200*				145
150	38.0	291.8	17,900*	45.9	308.1	19,600*				150
155	35.2	285.0	17,500*	43.5	303.0	19,100*				155
160	32.1	277.3	17,100*	41.0	297.4	18,600*				160
165	28.7	268.6	16,600*	38.4	291.2	18,200*	56.6	318.2	8,900	165
170	24.9	258.4	16,000*	35.5	284.5	17,800*	54.5	314.7	8,300	170
175	20.5	246.2	15,300*	32.5	276.9	17,400*	52.4	310.9	7,800	175
180	14.8	229.9	14,700*	29.2	268.3	16,900	50.3	306.8	7,300	180
185	3.6	197.0	14,100*	25.5	258.4	16,100	48.0	302.4	6,800	185
190				21.1	246.5	15,400	45.7	297.6	6,300	190
195				15.6	230.9	14,700	43.3	292.5	5,900	195
200				6.4	203.8	13,900	40.8	286.8	5,500	200
205							38.1	280.6	5,100	205
210							35.3	273.7	4,700	210
220							28.8	257.4	4,000	220

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

180 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.9	363.0	26,600*							60
65	74.3	361.6	26,300*							65
70	72.6	360.1	26,100*							70
75	70.9	358.4	25,800*							75
80	69.2	356.5	25,600*							80
85	67.5	354.5	25,400*							85
90	65.8	352.2	25,200*							90
95	64.0	349.8	24,400*	69.5	355.3	25,800*				95
100	62.3	347.3	23,500*	67.7	353.3	25,600*				100
105	60.4	344.5	22,800*	66.0	351.1	25,500*				105
110	58.6	341.5	22,000*	64.3	348.7	24,900*				110
115	56.7	338.2	21,300*	62.5	346.2	24,000*				115
120	54.8	334.7	20,700*	60.7	343.4	23,200*				120
125	52.8	331.0	20,100*	58.8	340.4	22,500*				125
130	50.8	327.0	19,500*	57.0	337.2	21,800*				130
135	48.7	322.7	19,000*	55.0	333.8	21,100*				135
140	46.5	318.0	18,500*	53.1	330.1	20,500*				140
145	44.3	313.0	18,100*	51.0	326.1	19,900*				145
150	41.9	307.6	17,600*	49.0	321.8	19,400*				150
155	39.5	301.7	17,200*	46.8	317.2	18,900*				155
160	36.9	295.2	16,800*	44.6	312.3	18,400*				160
165	34.1	288.0	16,300*	42.2	306.9	17,900*				165
170	31.2	280.1	15,700*	39.8	301.0	17,500*	56.8	326.9	8,100	170
175	27.9	271.0	15,100*	37.2	294.6	17,100*	54.8	323.4	7,600	175
180	24.2	260.6	14,500*	34.5	287.6	16,700	52.9	319.7	7,100	180
185	19.9	247.9	13,900*	31.6	279.7	16,000	50.8	315.7	6,600	185
190	14.4	231.1	13,400*	28.3	270.8	15,200	48.7	311.4	6,200	190
195	3.5	197.2	12,900*	24.7	260.6	14,600	46.6	306.7	5,700	195
200				20.5	248.3	13,900	44.3	301.7	5,300	200
205				15.2	232.2	13,300	42.0	296.3	5,000	205
210				6.2	204.3	12,600	39.6	290.4	4,600	210



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

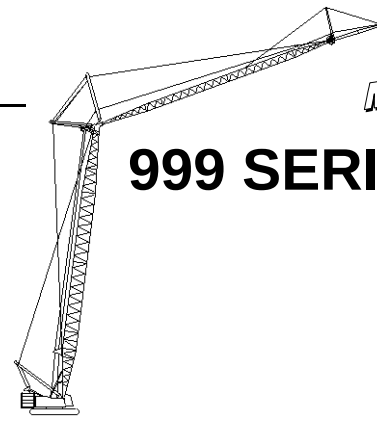
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

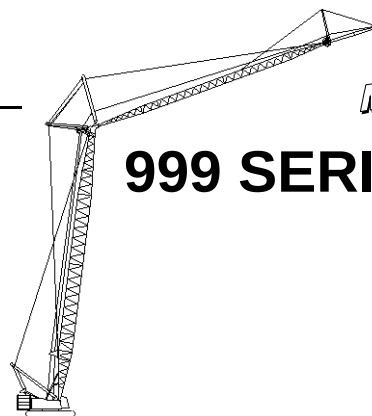
180 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.1	372.0	25,600*							65
70	73.5	370.5	25,200*							70
75	72.0	368.9	25,000*							75
80	70.4	367.2	24,700*							80
85	68.8	365.3	24,500*							85
90	67.1	363.2	24,200*							90
95	65.5	360.9	23,800*	70.6	366.0	23,700*				95
100	63.8	358.5	23,000*	69.0	364.1	23,600*				100
105	62.1	355.9	22,300*	67.4	362.0	23,500*				105
110	60.4	353.1	21,600*	65.7	359.8	23,200*				110
115	58.7	350.1	21,000*	64.0	357.4	23,100*				115
120	56.9	346.9	20,300*	62.4	354.8	22,700*				120
125	55.1	343.5	19,800*	60.6	352.1	22,000*				125
130	53.2	339.8	19,200*	58.9	349.1	21,400*				130
135	51.3	335.8	18,700*	57.1	345.9	20,700*				135
140	49.3	331.6	18,300*	55.3	342.5	20,200*				140
145	47.3	327.1	17,800*	53.4	338.8	19,600*				145
150	45.2	322.2	17,400*	51.5	334.9	19,100*				150
155	43.0	317.0	17,000*	49.6	330.7	18,600*				155
160	40.8	311.3	16,400*	47.6	326.3	18,100*				160
165	38.4	305.1	15,800*	45.5	321.4	17,700*				165
170	35.9	298.4	15,200*	43.3	316.2	17,300*				170
175	33.2	291.0	14,700*	41.1	310.6	16,900*	56.9	335.6	7,000	175
180	30.3	282.8	14,100*	38.7	304.5	16,300	55.1	332.1	6,500	180
185	27.1	273.4	13,600*	36.2	297.9	15,600	53.3	328.5	6,100	185
190	23.5	262.6	13,100*	33.5	290.6	14,900	51.3	324.5	5,600	190
195	19.4	249.6	12,700*	30.7	282.4	14,200	49.4	320.3	5,200	195
200	14.0	232.3	12,300*	27.5	273.3	13,500	47.4	315.8	4,800	200
205	3.4	197.5	11,900*	24.0	262.7	12,900	45.3	310.9	4,400	205
210				19.9	250.0	12,300	43.1	305.7	4,100	210
220				6.0	204.8	11,100				220

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

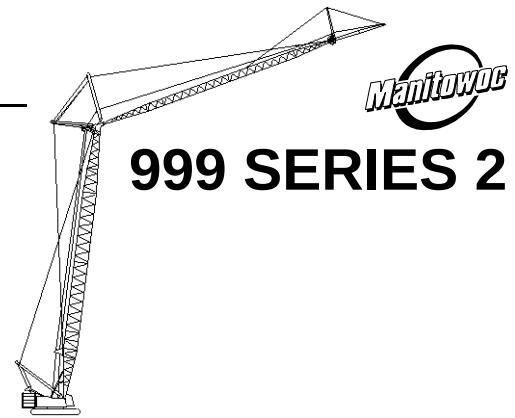
Designed And Tested
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999 SERIES 2

180 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.9	382.3	22,900*							65
70	74.4	381.0	22,800*							70
75	72.9	379.4	22,400*							75
80	71.4	377.8	22,100*							80
85	69.9	376.0	21,900*							85
90	68.3	374.0	21,600*							90
95	66.8	371.9	21,300*							95
100	65.2	369.6	21,100*	70.1	374.8	21,100*				100
105	63.6	367.2	20,900*	68.5	372.9	20,800*				105
110	62.0	364.6	20,700*	67.0	370.8	20,700*				110
115	60.4	361.8	20,500*	65.4	368.5	20,500*				115
120	58.7	358.8	19,900*	63.8	366.1	20,300*				120
125	57.0	355.6	19,300*	62.2	363.5	20,200*				125
130	55.3	352.2	18,800*	60.6	360.7	20,000*				130
135	53.6	348.5	18,300*	59.0	357.8	19,900*				135
140	51.8	344.7	17,800*	57.3	354.6	19,700*				140
145	49.9	340.5	17,300*	55.5	351.2	19,200*				145
150	48.0	336.1	16,800*	53.8	347.6	18,700*				150
155	46.0	331.3	16,200*	52.0	343.7	18,200*				155
160	44.0	326.3	15,700*	50.1	339.6	17,800*				160
165	41.9	320.8	15,200*	48.2	335.2	17,400*				165
170	39.7	314.9	14,700*	46.3	330.5	17,000*				170
175	37.4	308.5	14,200*	44.3	325.5	16,600*				175
180	34.9	301.6	13,700*	42.2	320.1	16,000	57.1	344.3	6,100	180
185	32.3	293.9	13,200*	40.0	314.3	15,200	55.4	340.8	5,700	185
190	29.5	285.4	12,800*	37.7	307.9	14,500	53.6	337.2	5,200	190
195	26.4	275.8	12,400*	35.2	301.1	13,900	51.8	333.3	4,800	195
200	22.9	264.7	12,000*	32.7	293.5	13,200	50.0	329.2	4,400	200
205	18.8	251.2	11,600*	29.9	285.1	12,600	48.1	324.8	4,100	205
210	13.6	233.5	11,300*	26.8	275.7	12,000				210
220				19.4	251.7	10,900				220
230				5.8	205.2	9,800				230



Liftcrane Fixed Jib Capacities

999 SERIES 2

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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

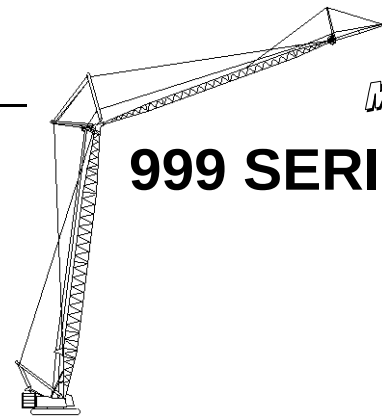
180 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.7	361.5	22,500*							65
70	73.0	360.0	22,200*							70
75	71.3	358.3	22,000*							75
80	69.6	356.4	21,700*							80
85	67.9	354.4	21,500*							85
90	66.2	352.2	21,200*							90
95	64.5	349.8	21,000*	69.9	355.3	21,900*				95
100	62.7	347.2	20,300*	68.2	353.2	21,700*				100
105	60.9	344.4	19,600*	66.4	351.1	21,500*				105
110	59.0	341.4	18,900*	64.7	348.7	21,300*				110
115	57.1	338.2	18,300*	62.9	346.1	20,700*				115
120	55.2	334.7	17,700*	61.1	343.3	20,000*				120
125	53.2	331.0	17,100*	59.2	340.4	19,300*				125
130	51.2	326.9	16,600*	57.4	337.2	18,600*				130
135	49.1	322.6	16,200*	55.4	333.7	18,000*				135
140	46.9	318.0	15,700*	53.5	330.0	17,500*				140
145	44.7	312.9	15,300*	51.4	326.0	16,900*				145
150	42.3	307.5	14,900*	49.4	321.8	16,500*				150
155	39.9	301.6	14,500*	47.2	317.2	16,000*				155
160	37.3	295.1	14,200*	45.0	312.2	15,600*				160
165	34.5	287.9	13,900*	42.6	306.8	15,200*				165
170	31.6	280.0	13,600*	40.2	300.9	14,800*	57.2	326.8	8,400	170
175	28.3	270.9	13,300*	37.6	294.5	14,400*	55.2	323.4	7,900	175
180	24.6	260.5	13,100*	34.9	287.5	14,100*	53.3	319.6	7,400	180
185	20.3	247.8	12,900*	31.9	279.6	13,800*	51.2	315.6	6,900	185
190	14.7	230.9	12,700*	28.7	270.7	13,500*	49.2	311.3	6,500	190
195	3.6	196.3	12,500*	25.1	260.5	13,300*	47.0	306.7	6,000	195
200				20.9	248.1	13,000*	44.8	301.7	5,600	200
205				15.5	232.0	12,800*	42.4	296.2	5,300	205
210				6.5	203.8	12,700*	40.0	290.3	4,900	210
220							34.6	276.7	4,200	220

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

180 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.5	371.9	22,100*							65
70	73.9	370.5	21,800*							70
75	72.4	368.9	21,600*							75
80	70.8	367.1	21,300*							80
85	69.2	365.2	21,100*							85
90	67.5	363.1	20,900*							90
95	65.9	360.9	20,600*	71.0	365.9	21,500*				95
100	64.2	358.5	19,900*	69.4	364.0	21,300*				100
105	62.5	355.9	19,200*	67.7	362.0	21,100*				105
110	60.8	353.1	18,600*	66.1	359.8	21,000*				110
115	59.1	350.1	18,000*	64.4	357.4	20,300*				115
120	57.3	346.8	17,400*	62.7	354.8	19,600*				120
125	55.5	343.4	16,900*	61.0	352.0	18,900*				125
130	53.6	339.7	16,400*	59.3	349.0	18,300*				130
135	51.7	335.8	15,900*	57.5	345.8	17,700*				135
140	49.7	331.6	15,500*	55.7	342.4	17,200*				140
145	47.7	327.0	15,100*	53.8	338.8	16,700*				145
150	45.6	322.1	14,700*	51.9	334.9	16,200*				150
155	43.4	316.9	14,300*	50.0	330.7	15,800*				155
160	41.1	311.2	14,000*	48.0	326.2	15,300*				160
165	38.8	305.1	13,700*	45.9	321.4	14,900*				165
170	36.2	298.3	13,400*	43.7	316.2	14,600*				170
175	33.6	290.9	13,100*	41.4	310.5	14,200*	57.3	335.5	7,700	175
180	30.7	282.7	12,900*	39.1	304.4	13,900*	55.5	332.1	7,200	180
185	27.5	273.3	12,600*	36.6	297.8	13,600*	53.6	328.4	6,700	185
190	23.9	262.5	12,400*	33.9	290.5	13,300*	51.7	324.5	6,300	190
195	19.7	249.4	12,200*	31.1	282.3	13,000*	49.8	320.2	5,900	195
200	14.3	232.1	11,800*	27.9	273.2	12,800*	47.7	315.7	5,500	200
205	3.5	196.5	11,400*	24.4	262.6	12,600*	45.7	310.9	5,100	205
210				20.3	249.8	12,400*	43.5	305.6	4,700	210
220				6.3	204.3	11,700	38.8	293.8	4,000	220



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

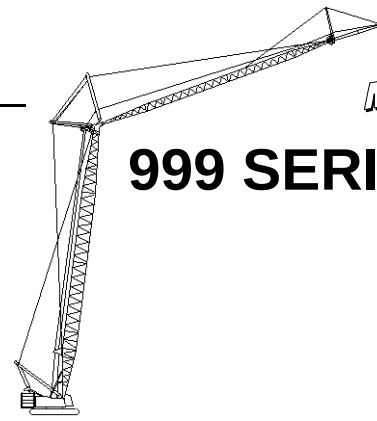
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

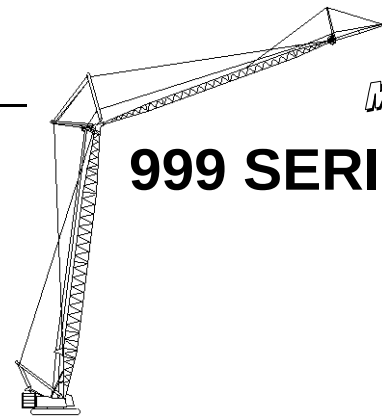
180 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.8	380.9	21,300*							70
75	73.3	379.4	21,100*							75
80	71.8	377.7	20,900*							80
85	70.2	375.9	20,700*							85
90	68.7	374.0	20,500*							90
95	67.2	371.9	20,200*							95
100	65.6	369.6	19,500*	70.4	374.7	20,600*				100
105	64.0	367.1	18,800*	68.9	372.8	20,400*				105
110	62.4	364.5	18,200*	67.4	370.7	20,300*				110
115	60.8	361.7	17,600*	65.8	368.5	19,900*				115
120	59.1	358.7	17,100*	64.2	366.0	19,200*				120
125	57.4	355.5	16,600*	62.6	363.4	18,600*				125
130	55.7	352.1	16,100*	61.0	360.7	18,000*				130
135	53.9	348.5	15,700*	59.3	357.7	17,400*				135
140	52.1	344.6	15,300*	57.6	354.5	16,900*				140
145	50.3	340.5	14,900*	55.9	351.1	16,400*				145
150	48.4	336.0	14,500*	54.2	347.5	16,000*				150
155	46.4	331.3	14,200*	52.4	343.7	15,500*				155
160	44.4	326.2	13,800*	50.5	339.6	15,100*				160
165	42.2	320.7	13,500*	48.6	335.2	14,700*				165
170	40.0	314.8	13,200*	46.7	330.5	14,400*				170
175	37.7	308.4	13,000*	44.6	325.4	14,000*				175
180	35.3	301.5	12,700*	42.5	320.0	13,700*	57.5	344.2	6,600	180
185	32.7	293.8	12,500*	40.3	314.2	13,400*	55.7	340.8	6,200	185
190	29.9	285.3	12,300*	38.0	307.9	13,200*	54.0	337.2	5,700	190
195	26.8	275.7	12,000*	35.6	301.0	12,900*	52.2	333.3	5,300	195
200	23.3	264.5	11,600*	33.0	293.4	12,600*	50.3	329.1	4,900	200
205	19.2	251.1	11,200*	30.2	285.0	12,400*	48.4	324.7	4,600	205
210	13.9	233.3	10,900*	27.2	275.5	12,200*	46.5	320.0	4,200	210
220				19.8	251.5	11,400				220
230				6.1	204.7	10,400				230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

180 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.5	391.3	20,200*							70
75	74.1	389.9	19,900*							75
80	72.7	388.3	19,700*							80
85	71.2	386.6	19,400*							85
90	69.8	384.7	19,200*							90
95	68.3	382.7	18,900*							95
100	66.8	380.6	18,700*							100
105	65.3	378.3	18,400*	70.0	383.5	18,500*				105
110	63.8	375.8	17,800*	68.5	381.6	18,300*				110
115	62.3	373.2	17,200*	67.0	379.4	18,200*				115
120	60.7	370.4	16,700*	65.5	377.2	18,000*				120
125	59.1	367.4	16,200*	64.0	374.7	17,900*				125
130	57.5	364.2	15,800*	62.5	372.1	17,500*				130
135	55.9	360.8	15,400*	60.9	369.3	17,000*				135
140	54.2	357.2	15,000*	59.4	366.4	16,500*				140
145	52.5	353.4	14,600*	57.7	363.2	16,100*				145
150	50.8	349.3	14,200*	56.1	359.8	15,600*				150
155	49.0	345.0	13,900*	54.4	356.3	15,200*				155
160	47.1	340.4	13,600*	52.7	352.5	14,800*				160
165	45.2	335.4	13,300*	51.0	348.4	14,500*				165
170	43.2	330.1	13,000*	49.2	344.1	14,100*				170
175	41.2	324.5	12,700*	47.4	339.5	13,800*				175
180	39.0	318.3	12,500*	45.5	334.6	13,500*				180
185	36.8	311.7	12,300*	43.5	329.4	13,200*	57.6	352.9	5,800	185
190	34.4	304.5	12,000*	41.4	323.8	12,900*	55.9	349.5	5,300	190
195	31.8	296.6	11,700*	39.3	317.7	12,700*	54.3	345.9	4,900	195
200	29.1	287.8	11,400*	37.1	311.2	12,400*	52.6	342.1	4,500	200
205	26.1	277.9	11,000*	34.7	304.1	12,200*	50.8	338.0	4,200	205
210	22.7	266.5	10,600*	32.2	296.2	12,000*				210
220	13.6	234.4	10,000*	26.5	277.8	11,100				220
230				19.3	253.2	10,100				230
240				5.9	205.1	9,100				240



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

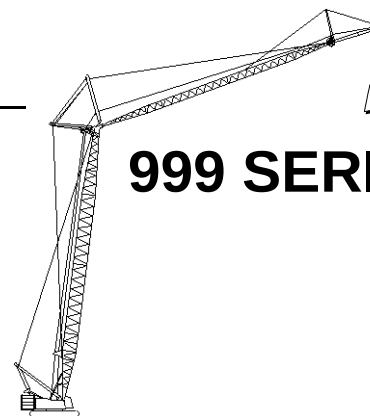
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

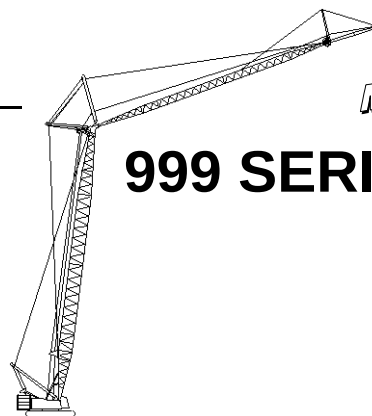
180 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.6	371.9	19,300*							65
70	74.0	370.5	19,000*							70
75	72.5	368.9	18,800*							75
80	70.9	367.1	18,500*							80
85	69.3	365.2	18,300*							85
90	67.6	363.1	18,100*							90
95	66.0	360.9	17,800*							95
100	64.3	358.5	17,600*	69.5	364.0	18,500*				100
105	62.6	355.9	17,300*	67.8	362.0	18,300*				105
110	60.9	353.1	16,700*	66.2	359.8	18,100*				110
115	59.2	350.1	16,100*	64.5	357.4	17,900*				115
120	57.4	346.9	15,500*	62.8	354.8	17,600*				120
125	55.5	343.4	15,000*	61.1	352.0	17,000*				125
130	53.7	339.7	14,600*	59.4	349.0	16,400*				130
135	51.8	335.8	14,100*	57.6	345.9	15,900*				135
140	49.8	331.6	13,700*	55.8	342.4	15,300*				140
145	47.8	327.0	13,300*	53.9	338.8	14,800*				145
150	45.7	322.2	13,000*	52.0	334.9	14,400*				150
155	43.5	316.9	12,600*	50.1	330.7	14,000*				155
160	41.2	311.2	12,300*	48.0	326.2	13,600*				160
165	38.9	305.1	12,000*	46.0	321.4	13,200*				165
170	36.3	298.3	11,700*	43.8	316.2	12,900*				170
175	33.7	290.9	11,500*	41.5	310.6	12,500*	57.4	335.5	7,900	175
180	30.8	282.7	11,200*	39.2	304.5	12,200*	55.6	332.1	7,400	180
185	27.6	273.4	11,000*	36.7	297.8	11,900*	53.7	328.4	7,000	185
190	24.0	262.5	10,800*	34.0	290.5	11,700*	51.8	324.5	6,500	190
195	19.8	249.5	10,600*	31.2	282.4	11,400*	49.9	320.3	6,100	195
200	14.4	232.1	10,500*	28.0	273.2	11,200*	47.8	315.7	5,700	200
205	3.6	196.6	10,400*	24.5	262.6	10,900*	45.8	310.9	5,300	205
210				20.4	249.9	10,800*	43.6	305.6	5,000	210
220				6.4	204.3	10,400*	38.9	293.8	4,300	220

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

180 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.8	380.9	18,700*							70
75	73.4	379.4	18,500*							75
80	71.9	377.7	18,200*							80
85	70.3	375.9	18,000*							85
90	68.8	374.0	17,800*							90
95	67.3	371.9	17,600*							95
100	65.7	369.6	17,400*	70.5	374.8	18,200*				100
105	64.1	367.2	17,000*	69.0	372.8	18,000*				105
110	62.5	364.5	16,400*	67.5	370.7	17,800*				110
115	60.9	361.7	15,800*	65.9	368.5	17,600*				115
120	59.2	358.7	15,300*	64.3	366.0	17,300*				120
125	57.5	355.5	14,800*	62.7	363.4	16,700*				125
130	55.8	352.1	14,300*	61.1	360.7	16,100*				130
135	54.0	348.5	13,900*	59.4	357.7	15,600*				135
140	52.2	344.6	13,500*	57.7	354.5	15,100*				140
145	50.4	340.5	13,100*	56.0	351.1	14,600*				145
150	48.5	336.0	12,800*	54.2	347.5	14,200*				150
155	46.5	331.3	12,500*	52.4	343.7	13,800*				155
160	44.5	326.2	12,100*	50.6	339.6	13,400*				160
165	42.3	320.7	11,900*	48.7	335.2	13,000*				165
170	40.1	314.8	11,600*	46.7	330.5	12,700*				170
175	37.8	308.5	11,300*	44.7	325.4	12,300*				175
180	35.4	301.5	11,100*	42.6	320.0	12,000*	57.6	344.2	7,200	180
185	32.8	293.8	10,800*	40.4	314.2	11,800*	55.8	340.8	6,800	185
190	29.9	285.3	10,600*	38.1	307.9	11,500*	54.1	337.2	6,300	190
195	26.9	275.7	10,400*	35.7	301.0	11,200*	52.3	333.3	5,900	195
200	23.4	264.5	10,300*	33.1	293.4	11,000*	50.4	329.1	5,500	200
205	19.3	251.1	10,100*	30.3	285.0	10,800*	48.5	324.7	5,100	205
210	14.0	233.3	9,900*	27.3	275.6	10,600*	46.5	320.0	4,800	210
220				19.9	251.6	10,200*	42.4	309.5	4,100	220
230				6.2	204.8	9,900*				230



Liftcrane Fixed Jib Capacities

999 SERIES 2

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

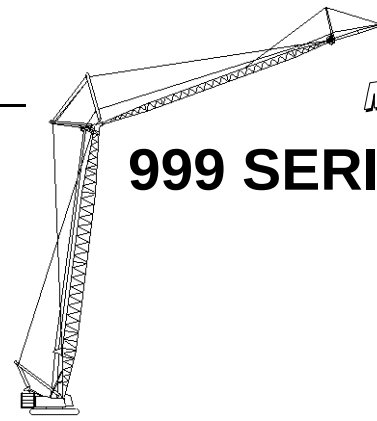
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



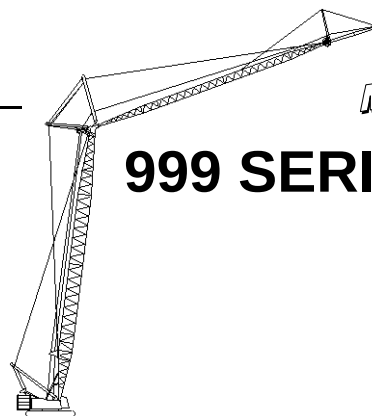
180 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.6	391.3	18,300*							70
75	74.2	389.9	18,100*							75
80	72.7	388.3	17,900*							80
85	71.3	386.6	17,700*							85
90	69.9	384.7	17,400*							90
95	68.4	382.7	17,200*							95
100	66.9	380.6	16,900*							100
105	65.4	378.3	16,600*	70.0	383.6	17,000*				105
110	63.9	375.8	16,100*	68.6	381.6	16,800*				110
115	62.4	373.2	15,500*	67.1	379.4	16,600*				115
120	60.8	370.4	15,000*	65.6	377.2	16,500*				120
125	59.2	367.4	14,600*	64.1	374.7	16,200*				125
130	57.6	364.2	14,100*	62.6	372.1	15,800*				130
135	56.0	360.8	13,700*	61.0	369.3	15,300*				135
140	54.3	357.2	13,300*	59.4	366.4	14,800*				140
145	52.6	353.4	13,000*	57.8	363.2	14,400*				145
150	50.8	349.3	12,600*	56.2	359.9	14,000*				150
155	49.1	345.0	12,300*	54.5	356.3	13,600*				155
160	47.2	340.4	12,000*	52.8	352.5	13,200*				160
165	45.3	335.4	11,700*	51.1	348.4	12,800*				165
170	43.3	330.1	11,400*	49.3	344.1	12,500*				170
175	41.3	324.5	11,200*	47.4	339.5	12,200*				175
180	39.1	318.4	10,900*	45.5	334.6	11,900*				180
185	36.9	311.7	10,700*	43.6	329.4	11,600*	57.7	352.9	6,200	185
190	34.5	304.5	10,500*	41.5	323.8	11,300*	56.0	349.5	5,800	190
195	31.9	296.6	10,300*	39.4	317.7	11,100*	54.4	345.9	5,400	195
200	29.2	287.9	10,100*	37.2	311.2	10,900*	52.7	342.1	5,000	200
205	26.2	277.9	9,900*	34.8	304.1	10,600*	50.9	338.0	4,600	205
210	22.8	266.5	9,800*	32.3	296.3	10,400*	49.1	333.7	4,300	210
220	13.6	234.4	9,500*	26.6	277.9	10,100*				220
230				19.3	253.2	9,700*				230
240				6.0	205.2	9,500*				240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

180 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.9	400.3	17,000*				75
80	73.6	398.8	16,800*				80
85	72.2	397.2	16,500*				85
90	70.8	395.4	16,300*				90
95	69.4	393.5	16,100*				95
100	68.0	391.5	15,900*				100
105	66.6	389.3	15,700*	71.0	394.2	15,900*	105
110	65.2	387.0	15,500*	69.6	392.3	15,700*	110
115	63.7	384.5	15,200*	68.2	390.3	15,500*	115
120	62.3	381.9	14,700*	66.8	388.2	15,300*	120
125	60.8	379.0	14,300*	65.4	385.9	15,200*	125
130	59.3	376.1	13,800*	63.9	383.4	15,000*	130
135	57.7	372.9	13,400*	62.5	380.8	14,900*	135
140	56.2	369.5	13,100*	61.0	378.0	14,500*	140
145	54.6	366.0	12,700*	59.5	375.0	14,100*	145
150	53.0	362.2	12,400*	57.9	371.9	13,700*	150
155	51.3	358.2	12,100*	56.4	368.5	13,300*	155
160	49.6	353.9	11,800*	54.8	365.0	12,900*	160
165	47.8	349.4	11,500*	53.2	361.3	12,600*	165
170	46.0	344.6	11,200*	51.5	357.3	12,300*	170
175	44.2	339.4	11,000*	49.8	353.1	12,000*	175
180	42.3	334.0	10,700*	48.1	348.6	11,700*	180
185	40.3	328.1	10,500*	46.3	343.8	11,400*	185
190	38.2	321.8	10,300*	44.4	338.7	11,100*	190
195	36.0	314.9	10,100*	42.5	333.3	10,900*	195
200	33.6	307.5	9,900*	40.5	327.4	10,700*	200
205	31.2	299.4	9,800*	38.4	321.2	10,500*	205
210	28.5	290.3	9,600*	36.3	314.4	10,200*	210
220	22.2	268.4	9,300*	31.5	299.0	9,900*	220
230	13.3	235.5	8,900*	25.9	280.1	9,600*	230
240				18.9	254.8	9,300*	240
250				5.8	205.7	8,500	250

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

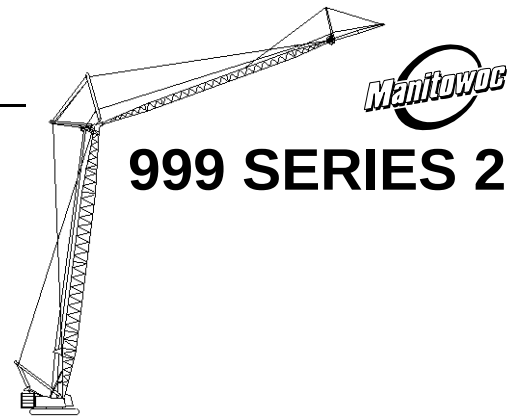
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

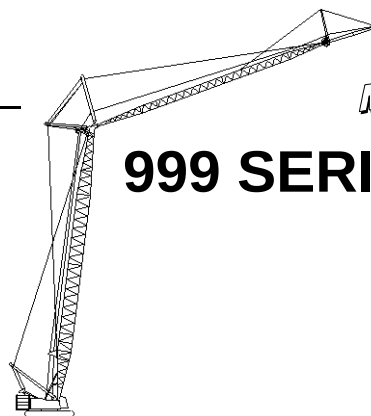
180 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.6	381.0	16,200*							70
75	73.2	379.4	15,800*							75
80	71.7	377.8	15,500*							80
85	70.1	376.0	15,200*							85
90	68.6	374.0	14,900*							90
95	67.1	371.9	14,600*							95
100	65.5	369.6	14,300*	70.3	374.8	15,000*				100
105	63.9	367.2	14,000*	68.8	372.9	14,700*				105
110	62.3	364.6	13,700*	67.3	370.8	14,400*				110
115	60.7	361.8	13,400*	65.7	368.5	14,100*				115
120	59.0	358.8	13,200*	64.1	366.1	13,900*				120
125	57.3	355.6	13,000*	62.5	363.5	13,600*				125
130	55.6	352.2	12,700*	60.9	360.7	13,400*				130
135	53.8	348.5	12,500*	59.2	357.8	13,200*				135
140	52.0	344.7	12,300*	57.5	354.6	12,900*				140
145	50.2	340.5	11,900*	55.8	351.2	12,700*				145
150	48.3	336.1	11,600*	54.1	347.6	12,500*				150
155	46.3	331.3	11,300*	52.3	343.7	12,300*				155
160	44.3	326.3	11,000*	50.4	339.6	12,100*				160
165	42.2	320.8	10,700*	48.5	335.2	11,800*				165
170	40.0	314.9	10,400*	46.6	330.5	11,500*				170
175	37.6	308.5	10,200*	44.5	325.5	11,200*				175
180	35.2	301.6	10,000*	42.4	320.1	10,900*	57.4	344.3	7,400	180
185	32.6	293.9	9,700*	40.2	314.3	10,600*	55.6	340.8	7,000	185
190	29.8	285.4	9,500*	37.9	307.9	10,300*	53.9	337.2	6,500	190
195	26.7	275.8	9,300*	35.5	301.1	10,100*	52.1	333.3	6,100	195
200	23.2	264.7	9,000*	32.9	293.5	9,900*	50.2	329.2	5,700	200
205	19.1	251.2	8,800*	30.1	285.1	9,600*	48.3	324.8	5,400	205
210	13.9	233.5	8,600*	27.1	275.7	9,400*	46.4	320.1	5,000	210
220				19.7	251.7	9,100*	42.2	309.5	4,300	220
230				6.1	205.2	8,700*				230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

180 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.4	391.3	15,600*							70
75	74.0	389.9	15,300*							75
80	72.6	388.3	15,000*							80
85	71.1	386.6	14,700*							85
90	69.7	384.8	14,500*							90
95	68.2	382.8	14,200*							95
100	66.7	380.6	13,900*							100
105	65.2	378.3	13,600*	69.9	383.6	14,200*				105
110	63.7	375.9	13,400*	68.4	381.6	14,000*				110
115	62.2	373.2	13,100*	66.9	379.5	13,700*				115
120	60.6	370.4	12,900*	65.4	377.2	13,500*				120
125	59.1	367.5	12,600*	63.9	374.8	13,300*				125
130	57.4	364.3	12,500*	62.4	372.2	13,000*				130
135	55.8	360.9	12,200*	60.8	369.4	12,800*				135
140	54.1	357.3	12,000*	59.3	366.4	12,600*				140
145	52.4	353.5	11,800*	57.7	363.3	12,400*				145
150	50.7	349.4	11,500*	56.0	359.9	12,200*				150
155	48.9	345.0	11,100*	54.3	356.3	12,000*				155
160	47.0	340.4	10,800*	52.6	352.5	11,800*				160
165	45.1	335.5	10,600*	50.9	348.5	11,700*				165
170	43.1	330.2	10,300*	49.1	344.2	11,300*				170
175	41.1	324.5	10,000*	47.3	339.6	11,000*				175
180	38.9	318.4	9,800*	45.4	334.7	10,700*				180
185	36.7	311.8	9,600*	43.4	329.5	10,500*	57.5	352.9	6,800	185
190	34.3	304.6	9,400*	41.4	323.9	10,200*	55.9	349.6	6,300	190
195	31.8	296.7	9,200*	39.2	317.8	10,000*	54.2	346.0	5,900	195
200	29.0	287.9	9,000*	37.0	311.3	9,700*	52.5	342.1	5,500	200
205	26.0	278.0	8,800*	34.6	304.1	9,500*	50.7	338.1	5,200	205
210	22.6	266.6	8,700*	32.1	296.3	9,300*	48.9	333.7	4,800	210
220	13.5	234.6	8,400*	26.4	278.0	8,900*	45.2	324.2	4,100	220
230				19.2	253.3	8,600*				230
240				5.9	205.7	8,400*				240

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

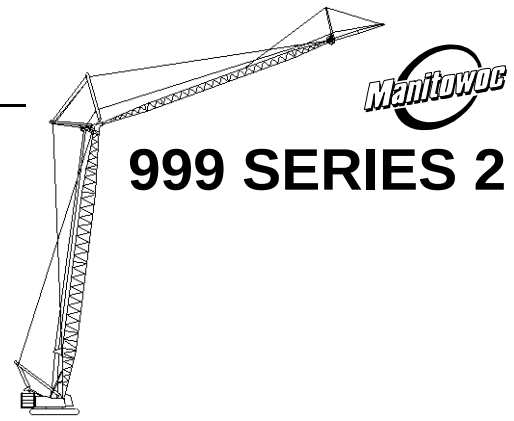
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

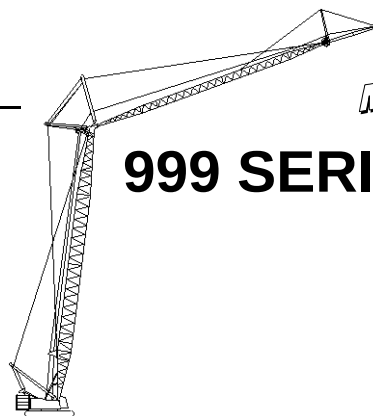
180 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.7	400.3	14,700*							75
80	73.4	398.8	14,400*							80
85	72.0	397.2	14,100*							85
90	70.6	395.5	13,900*							90
95	69.3	393.6	13,700*							95
100	67.9	391.5	13,400*							100
105	66.4	389.4	13,200*	70.8	394.3	13,700*				105
110	65.0	387.0	12,900*	69.4	392.4	13,400*				110
115	63.6	384.5	12,700*	68.0	390.4	13,200*				115
120	62.1	381.9	12,500*	66.6	388.2	13,000*				120
125	60.6	379.1	12,300*	65.2	385.9	12,800*				125
130	59.1	376.1	12,100*	63.7	383.4	12,600*				130
135	57.6	372.9	11,900*	62.3	380.8	12,400*				135
140	56.0	369.6	11,700*	60.8	378.0	12,200*				140
145	54.4	366.0	11,500*	59.3	375.1	12,000*				145
150	52.8	362.2	11,300*	57.8	371.9	11,800*				150
155	51.1	358.2	11,000*	56.2	368.6	11,700*				155
160	49.4	354.0	10,700*	54.6	365.1	11,500*				160
165	47.7	349.5	10,400*	53.0	361.3	11,400*				165
170	45.9	344.6	10,200*	51.3	357.3	11,200*				170
175	44.0	339.5	9,900*	49.6	353.1	10,900*				175
180	42.1	334.0	9,700*	47.9	348.6	10,600*				180
185	40.1	328.2	9,500*	46.1	343.8	10,300*				185
190	38.0	321.8	9,300*	44.3	338.8	10,100*	57.6	361.6	5,800	190
195	35.8	315.0	9,100*	42.3	333.3	9,800*	56.0	358.3	5,400	195
200	33.5	307.6	8,900*	40.3	327.5	9,600*	54.5	354.7	5,000	200
205	31.0	299.5	8,700*	38.3	321.2	9,400*	52.8	350.9	4,600	205
210	28.3	290.4	8,500*	36.1	314.5	9,200*	51.2	346.9	4,300	210
220	22.1	268.5	8,200*	31.3	299.1	8,800*				220
230	13.2	235.7	8,000*	25.8	280.2	8,500*				230
240				18.7	254.9	8,200*				240
250				5.8	206.1	8,000*				250

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

180 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.4	410.7	13,900*				75
80	74.1	409.3	13,700*				80
85	72.8	407.7	13,500*				85
90	71.5	406.1	13,300*				90
95	70.2	404.3	13,100*				95
100	68.9	402.3	12,900*				100
105	67.5	400.3	12,600*				105
110	66.2	398.1	12,500*	70.4	403.1	12,800*	110
115	64.8	395.7	12,300*	69.0	401.2	12,600*	115
120	63.4	393.2	12,000*	67.7	399.1	12,500*	120
125	62.0	390.6	11,800*	66.3	396.9	12,200*	125
130	60.6	387.8	11,700*	65.0	394.6	12,100*	130
135	59.1	384.8	11,500*	63.6	392.1	11,900*	135
140	57.7	381.6	11,300*	62.2	389.5	11,700*	140
145	56.2	378.3	11,200*	60.8	386.7	11,600*	145
150	54.7	374.8	11,000*	59.3	383.7	11,400*	150
155	53.1	371.0	10,800*	57.9	380.6	11,300*	155
160	51.5	367.1	10,500*	56.4	377.3	11,100*	160
165	49.9	362.9	10,200*	54.9	373.8	11,000*	165
170	48.3	358.4	10,000*	53.3	370.1	10,800*	170
175	46.6	353.7	9,700*	51.7	366.2	10,700*	175
180	44.8	348.8	9,500*	50.1	362.0	10,400*	180
185	43.0	343.4	9,300*	48.5	357.6	10,100*	185
190	41.1	337.8	9,100*	46.8	352.9	9,900*	190
195	39.2	331.7	8,900*	45.0	348.0	9,700*	195
200	37.1	325.2	8,700*	43.2	342.7	9,400*	200
205	35.0	318.1	8,600*	41.4	337.1	9,200*	205
210	32.7	310.5	8,400*	39.4	331.1	9,000*	210
220	27.7	292.9	8,100*	35.3	317.6	8,700*	220
230	21.6	270.4	7,800*	30.6	301.8	8,300*	230
240	12.9	236.8	7,600*	25.2	282.4	8,000*	240
250				18.3	256.5	7,800*	250
260				5.6	206.6	7,600*	260



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

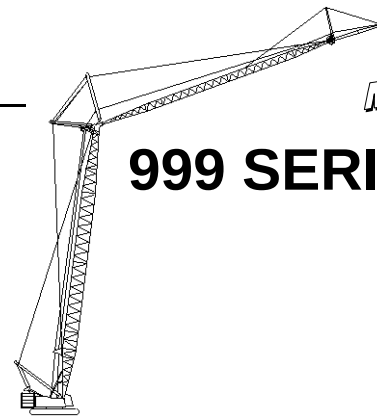
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

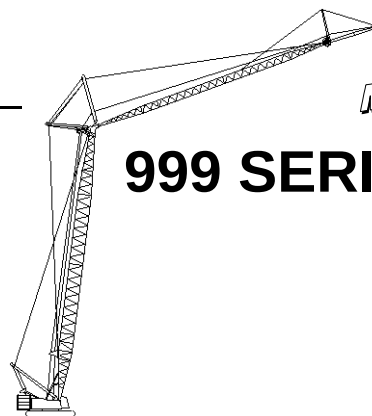
190 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.2	362.7	27,000*							60
65	73.4	361.2	26,700*							65
70	71.7	359.6	26,400*							70
75	69.9	357.8	26,200*							75
80	68.1	355.8	25,900*							80
85	66.3	353.7	25,700*							85
90	64.4	351.3	25,500*	70.4	356.9	26,400*				90
95	62.5	348.8	24,900*	68.6	355.0	26,200*				95
100	60.6	346.0	24,000*	66.8	352.9	26,000*				100
105	58.7	343.0	23,200*	65.0	350.6	25,900*				105
110	56.7	339.8	22,400*	63.1	348.1	25,600*				110
115	54.6	336.3	21,700*	61.2	345.4	24,700*				115
120	52.5	332.5	21,000*	59.2	342.4	23,900*				120
125	50.4	328.4	20,400*	57.3	339.3	23,100*				125
130	48.1	324.0	19,800*	55.2	335.9	22,300*				130
135	45.8	319.3	19,300*	53.2	332.2	21,600*				135
140	43.4	314.1	18,800*	51.0	328.2	21,000*				140
145	40.9	308.5	18,300*	48.8	323.9	20,400*				145
150	38.2	302.3	17,900*	46.5	319.3	19,800*				150
155	35.4	295.5	17,500*	44.1	314.2	19,300*				155
160	32.3	287.9	16,900*	41.6	308.7	18,800*				160
165	29.0	279.2	16,200*	39.0	302.7	18,300*	57.9	329.8	8,100	165
170	25.2	269.2	15,500*	36.2	296.1	17,900*	55.9	326.5	7,500	170
175	20.8	257.1	14,900*	33.3	288.7	17,500*	53.9	322.9	7,000	175
180	15.3	241.2	14,400*	30.0	280.5	16,700	51.8	319.1	6,500	180
185	5.3	212.1	13,900*	26.4	270.9	15,900	49.6	314.9	6,100	185
190				22.2	259.6	15,200	47.3	310.4	5,700	190
195				17.1	245.1	14,500	45.0	305.5	5,200	195
200				9.6	223.1	13,800	42.5	300.1	4,900	200
205							39.9	294.3	4,500	205
210							37.2	287.9	4,100	210

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

190 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	76.0	373.1	26,400*							60
65	74.4	371.7	26,200*							65
70	72.7	370.2	25,900*							70
75	71.0	368.5	25,700*							75
80	69.4	366.6	25,400*							80
85	67.6	364.6	25,200*							85
90	65.9	362.4	25,000*							90
95	64.2	360.0	24,400*	69.9	365.7	25,600*				95
100	62.4	357.4	23,500*	68.2	363.7	25,500*				100
105	60.6	354.7	22,800*	66.4	361.6	25,300*				105
110	58.7	351.7	22,000*	64.7	359.3	25,100*				110
115	56.8	348.4	21,400*	62.9	356.7	24,200*				115
120	54.9	345.0	20,700*	61.1	354.0	23,400*				120
125	52.9	341.3	20,100*	59.3	351.1	22,600*				125
130	50.9	337.3	19,600*	57.4	347.9	21,900*				130
135	48.8	333.0	19,000*	55.5	344.6	21,300*				135
140	46.7	328.4	18,500*	53.5	340.9	20,600*				140
145	44.4	323.4	18,100*	51.5	337.0	20,100*				145
150	42.1	318.0	17,600*	49.5	332.8	19,500*				150
155	39.7	312.1	17,200*	47.3	328.3	19,000*				155
160	37.1	305.6	16,500*	45.1	323.4	18,500*				160
165	34.3	298.6	15,900*	42.8	318.1	18,100*				165
170	31.4	290.6	15,300*	40.4	312.4	17,600*				170
175	28.1	281.7	14,700*	37.9	306.2	17,200*	56.2	335.2	6,800	175
180	24.5	271.4	14,100*	35.2	299.3	16,500	54.2	331.7	6,400	180
185	20.2	258.9	13,600*	32.3	291.6	15,800	52.2	327.9	5,900	185
190	14.8	242.5	13,100*	29.1	283.0	15,100	50.2	323.8	5,500	190
195	5.2	212.5	12,600*	25.6	273.2	14,400	48.1	319.4	5,100	195
200				21.6	261.4	13,700	45.9	314.6	4,700	200
205				16.6	246.6	13,100	43.6	309.5	4,300	205
210				9.3	223.9	12,500	41.3	303.9	4,000	210



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

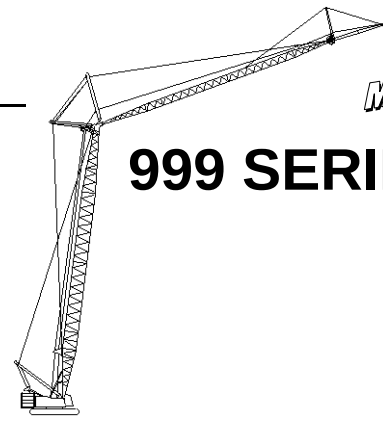
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

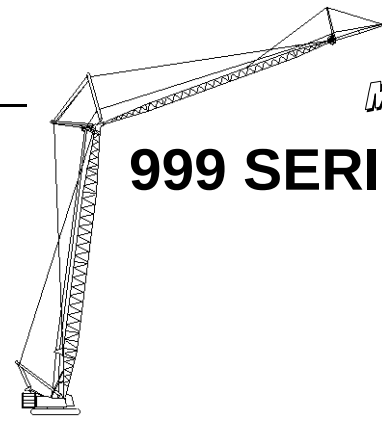
190 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.2	382.1	25,000*							65
70	73.6	380.6	24,700*							70
75	72.1	379.0	24,500*							75
80	70.5	377.3	24,200*							80
85	68.9	375.4	24,000*							85
90	67.3	373.3	23,700*							90
95	65.6	371.1	23,500*	71.0	376.3	23,200*				95
100	63.9	368.7	23,000*	69.4	374.5	23,100*				100
105	62.3	366.1	22,300*	67.7	372.5	23,200*				105
110	60.5	363.3	21,600*	66.1	370.3	22,800*				110
115	58.8	360.3	21,000*	64.5	367.9	22,600*				115
120	57.0	357.1	20,400*	62.8	365.4	22,500*				120
125	55.2	353.7	19,800*	61.1	362.7	22,200*				125
130	53.3	350.0	19,300*	59.3	359.8	21,500*				130
135	51.4	346.1	18,800*	57.6	356.6	20,900*				135
140	49.5	341.9	18,300*	55.7	353.3	20,300*				140
145	47.4	337.4	17,700*	53.9	349.7	19,700*				145
150	45.4	332.6	17,100*	52.0	345.8	19,200*				150
155	43.2	327.3	16,500*	50.1	341.7	18,700*				155
160	40.9	321.7	16,000*	48.1	337.3	18,300*				160
165	38.6	315.6	15,400*	46.0	332.6	17,800*				165
170	36.1	308.9	14,800*	43.9	327.5	17,400*				170
175	33.4	301.5	14,300*	41.6	322.0	16,900				175
180	30.5	293.4	13,800*	39.3	316.0	16,100	56.4	343.9	5,800	180
185	27.4	284.1	13,300*	36.8	309.5	15,400	54.5	340.4	5,400	185
190	23.8	273.4	12,800*	34.2	302.3	14,700	52.7	336.6	4,900	190
195	19.7	260.6	12,400*	31.4	294.4	14,000	50.7	332.6	4,500	195
200	14.4	243.7	12,000*	28.3	285.6	13,300	48.8	328.3	4,200	200
205	5.0	212.9	11,600*	24.9	275.4	12,700				205
210				21.0	263.3	12,100				210
220				9.0	224.6	11,000				220

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

190 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

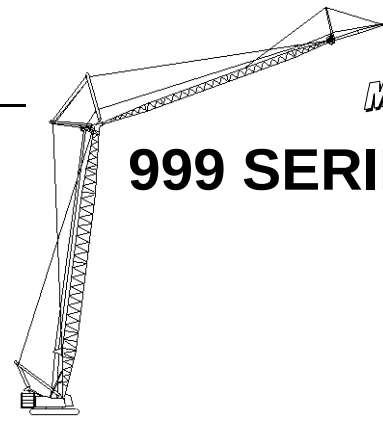
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	76.0	392.4	22,400*				65
70	74.5	391.1	22,400*				70
75	73.0	389.6	22,000*				75
80	71.5	387.9	21,700*				80
85	70.0	386.1	21,500*				85
90	68.5	384.2	21,200*				90
95	66.9	382.1	21,000*				95
100	65.3	379.8	20,700*	70.4	385.2	20,600*	100
105	63.8	377.4	20,500*	68.9	383.3	20,500*	105
110	62.1	374.8	20,300*	67.4	381.2	20,300*	110
115	60.5	372.0	20,000*	65.8	379.0	20,100*	115
120	58.9	369.0	19,500*	64.2	376.6	20,000*	120
125	57.2	365.8	18,900*	62.6	374.1	19,800*	125
130	55.4	362.4	18,400*	61.0	371.3	19,700*	130
135	53.7	358.8	17,900*	59.4	368.4	19,500*	135
140	51.9	354.9	17,300*	57.7	365.3	19,400*	140
145	50.0	350.8	16,800*	56.0	362.0	19,300*	145
150	48.1	346.4	16,300*	54.2	358.4	18,800*	150
155	46.2	341.7	15,800*	52.4	354.6	18,300*	155
160	44.1	336.6	15,300*	50.6	350.6	17,900*	160
165	42.0	331.2	14,800*	48.7	346.3	17,500*	165
170	39.8	325.3	14,300*	46.8	341.6	17,100*	170
175	37.5	319.0	13,800*	44.8	336.7	16,600	175
180	35.1	312.1	13,400*	42.7	331.4	15,800	180
185	32.5	304.5	12,900*	40.5	325.7	15,000	185
190	29.7	296.0	12,500*	38.2	319.5	14,300	190
195	26.6	286.5	12,000*	35.9	312.7	13,700	195
200	23.2	275.5	11,700*	33.3	305.3	13,000	200
205	19.2	262.3	11,300*	30.6	297.2	12,400	205
210	14.0	244.9	11,000*	27.6	288.0	11,800	210
220				20.5	265.1	10,700	220
230				8.8	225.4	9,700	230



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



999 SERIES 2

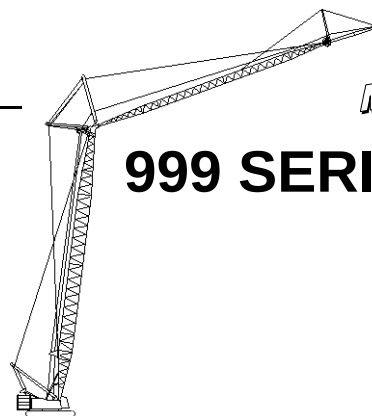
190 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.8	371.6	22,300*							65
70	73.1	370.1	22,100*							70
75	71.5	368.4	21,800*							75
80	69.8	366.6	21,600*							80
85	68.1	364.5	21,400*							85
90	66.3	362.3	21,100*							90
95	64.6	360.0	20,900*	70.3	365.6	21,800*				95
100	62.8	357.4	20,300*	68.6	363.7	21,600*				100
105	61.0	354.6	19,600*	66.9	361.5	21,400*				105
110	59.1	351.6	18,900*	65.1	359.2	21,300*				110
115	57.3	348.4	18,300*	63.3	356.7	20,900*				115
120	55.3	344.9	17,700*	61.5	354.0	20,200*				120
125	53.4	341.2	17,200*	59.7	351.0	19,500*				125
130	51.3	337.2	16,700*	57.8	347.9	18,800*				130
135	49.2	332.9	16,200*	55.9	344.5	18,200*				135
140	47.1	328.3	15,700*	54.0	340.9	17,600*				140
145	44.8	323.3	15,300*	51.9	337.0	17,100*				145
150	42.5	317.9	14,900*	49.9	332.8	16,600*				150
155	40.1	312.0	14,600*	47.7	328.2	16,100*				155
160	37.5	305.6	14,200*	45.5	323.4	15,700*				160
165	34.7	298.5	13,900*	43.2	318.1	15,300*				165
170	31.8	290.6	13,600*	40.8	312.3	14,900*				170
175	28.5	281.6	13,300*	38.3	306.1	14,500*	56.6	335.2	7,100	175
180	24.9	271.2	13,100*	35.6	299.2	14,200*	54.6	331.6	6,600	180
185	20.6	258.7	12,900*	32.7	291.5	13,900*	52.6	327.8	6,200	185
190	15.2	242.3	12,600*	29.5	282.9	13,600*	50.6	323.7	5,800	190
195	5.4	211.9	12,300*	26.0	273.1	13,300*	48.5	319.3	5,400	195
200				22.0	261.3	13,100*	46.3	314.5	5,000	200
205				17.0	246.4	12,900*	44.0	309.4	4,600	205
210				9.6	223.5	12,700*	41.7	303.8	4,300	210

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

190 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.6	382.0	21,900*							65
70	74.0	380.6	21,700*							70
75	72.5	379.0	21,400*							75
80	70.9	377.2	21,200*							80
85	69.3	375.3	21,000*							85
90	67.6	373.3	20,800*							90
95	66.0	371.0	20,600*							95
100	64.3	368.6	19,900*	69.8	374.4	21,200*				100
105	62.6	366.0	19,200*	68.1	372.4	21,000*				105
110	60.9	363.3	18,600*	66.5	370.2	20,900*				110
115	59.2	360.3	18,000*	64.8	367.9	20,500*				115
120	57.4	357.1	17,400*	63.2	365.3	19,800*				120
125	55.6	353.6	16,900*	61.5	362.6	19,100*				125
130	53.7	350.0	16,400*	59.7	359.7	18,500*				130
135	51.8	346.1	15,900*	57.9	356.6	17,900*				135
140	49.9	341.9	15,500*	56.1	353.2	17,300*				140
145	47.8	337.3	15,100*	54.3	349.6	16,800*				145
150	45.7	332.5	14,700*	52.4	345.8	16,300*				150
155	43.6	327.3	14,400*	50.4	341.7	15,900*				155
160	41.3	321.6	14,000*	48.4	337.2	15,500*				160
165	38.9	315.5	13,700*	46.4	332.5	15,100*				165
170	36.4	308.8	13,400*	44.2	327.4	14,700*				170
175	33.8	301.5	13,100*	42.0	321.9	14,300*				175
180	30.9	293.3	12,900*	39.7	315.9	14,000*	56.8	343.8	6,400	180
185	27.7	284.0	12,600*	37.2	309.4	13,700*	54.9	340.3	6,000	185
190	24.2	273.3	12,400*	34.6	302.3	13,400*	53.0	336.6	5,600	190
195	20.0	260.4	12,000*	31.8	294.3	13,100*	51.1	332.6	5,200	195
200	14.7	243.5	11,600*	28.7	285.4	12,900*	49.1	328.2	4,800	200
205	5.2	212.2	11,200*	25.3	275.2	12,600*	47.1	323.6	4,400	205
210				21.4	263.1	12,400*	45.0	318.6	4,100	210
220				9.3	224.3	11,600				220

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

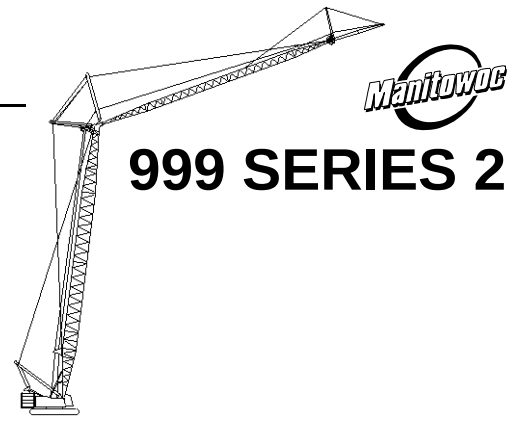
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

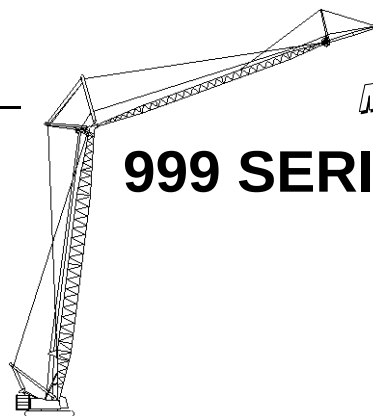
190 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.9	391.0	21,200*				70
75	73.4	389.5	21,000*				75
80	71.9	387.9	20,800*				80
85	70.4	386.1	20,600*				85
90	68.8	384.1	20,400*				90
95	67.3	382.0	20,200*				95
100	65.7	379.7	19,500*	70.8	385.1	20,300*	100
105	64.1	377.3	18,800*	69.3	383.2	20,100*	105
110	62.5	374.7	18,200*	67.7	381.2	19,900*	110
115	60.9	371.9	17,700*	66.2	378.9	19,800*	115
120	59.2	368.9	17,100*	64.6	376.6	19,300*	120
125	57.5	365.8	16,600*	63.0	374.0	18,700*	125
130	55.8	362.4	16,100*	61.4	371.3	18,100*	130
135	54.0	358.7	15,700*	59.7	368.4	17,500*	135
140	52.2	354.9	15,300*	58.0	365.2	17,000*	140
145	50.4	350.7	14,900*	56.3	361.9	16,500*	145
150	48.5	346.3	14,500*	54.6	358.4	16,100*	150
155	46.5	341.6	14,200*	52.8	354.6	15,600*	155
160	44.5	336.6	13,800*	51.0	350.5	15,200*	160
165	42.4	331.1	13,500*	49.1	346.2	14,800*	165
170	40.2	325.3	13,300*	47.1	341.6	14,500*	170
175	37.9	318.9	13,000*	45.1	336.6	14,100*	175
180	35.5	312.0	12,700*	43.0	331.3	13,800*	180
185	32.9	304.4	12,500*	40.9	325.6	13,500*	185
190	30.1	295.9	12,200*	38.6	319.4	13,200*	190
195	27.0	286.4	11,700*	36.2	312.6	13,000*	195
200	23.5	275.4	11,300*	33.7	305.2	12,700*	200
205	19.5	262.1	11,000*	30.9	297.1	12,500*	205
210	14.3	244.7	10,600*	28.0	287.9	12,300*	210
220				20.8	264.9	11,300	220
230				9.0	225.0	10,200	230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

190 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.6	401.4	19,800*				70
75	74.2	400.0	19,600*				75
80	72.8	398.4	19,300*				80
85	71.3	396.7	19,100*				85
90	69.9	394.9	18,900*				90
95	68.4	392.9	18,700*				95
100	66.9	390.7	18,400*				100
105	65.4	388.4	18,300*	70.3	393.9	18,200*	105
110	63.9	386.0	17,800*	68.9	392.0	18,100*	110
115	62.4	383.4	17,300*	67.4	389.9	17,900*	115
120	60.8	380.6	16,700*	65.9	387.7	17,800*	120
125	59.3	377.6	16,300*	64.4	385.3	17,600*	125
130	57.7	374.4	15,800*	62.9	382.7	17,500*	130
135	56.0	371.1	15,400*	61.3	379.9	17,100*	135
140	54.3	367.5	15,000*	59.7	377.0	16,600*	140
145	52.6	363.7	14,600*	58.1	373.9	16,200*	145
150	50.9	359.6	14,200*	56.5	370.6	15,700*	150
155	49.1	355.3	13,900*	54.9	367.1	15,300*	155
160	47.2	350.7	13,600*	53.2	363.3	14,900*	160
165	45.3	345.8	13,300*	51.4	359.4	14,500*	165
170	43.4	340.5	13,000*	49.6	355.1	14,200*	170
175	41.3	334.9	12,700*	47.8	350.6	13,900*	175
180	39.2	328.8	12,500*	45.9	345.8	13,600*	180
185	36.9	322.2	12,200*	44.0	340.6	13,300*	185
190	34.6	315.0	11,800*	41.9	335.1	13,000*	190
195	32.0	307.2	11,400*	39.8	329.2	12,700*	195
200	29.3	298.5	11,100*	37.6	322.7	12,500*	200
205	26.3	288.7	10,700*	35.3	315.8	12,300*	205
210	22.9	277.3	10,400*	32.8	308.1	12,000*	210
220	14.0	245.9	9,800*	27.2	290.3	11,000	220
230				20.3	266.6	10,000	230
240				8.8	225.7	9,000	240



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

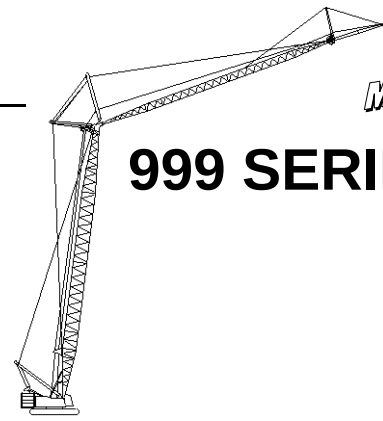
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

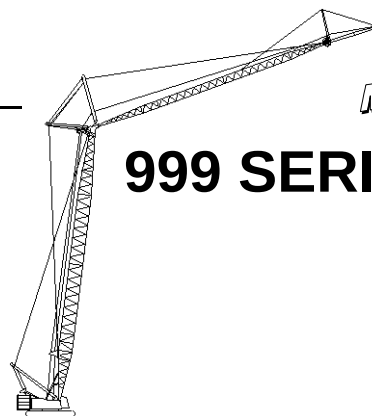
190 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.7	382.0	19,200*							65
70	74.1	380.6	18,900*							70
75	72.6	379.0	18,700*							75
80	71.0	377.3	18,400*							80
85	69.4	375.4	18,200*							85
90	67.7	373.3	18,000*							90
95	66.1	371.1	17,800*							95
100	64.4	368.6	17,500*	69.9	374.4	18,400*				100
105	62.7	366.1	17,300*	68.2	372.4	18,200*				105
110	61.0	363.3	16,700*	66.6	370.2	18,000*				110
115	59.3	360.3	16,100*	64.9	367.9	17,800*				115
120	57.5	357.1	15,600*	63.3	365.4	17,700*				120
125	55.7	353.7	15,100*	61.5	362.6	17,200*				125
130	53.8	350.0	14,600*	59.8	359.7	16,600*				130
135	51.9	346.1	14,200*	58.0	356.6	16,000*				135
140	49.9	341.9	13,800*	56.2	353.2	15,500*				140
145	47.9	337.4	13,400*	54.4	349.6	15,000*				145
150	45.8	332.5	13,000*	52.5	345.8	14,500*				150
155	43.7	327.3	12,700*	50.5	341.7	14,100*				155
160	41.4	321.6	12,400*	48.5	337.3	13,700*				160
165	39.0	315.5	12,100*	46.5	332.5	13,300*				165
170	36.5	308.8	11,800*	44.3	327.4	13,000*				170
175	33.9	301.5	11,500*	42.1	321.9	12,600*				175
180	31.0	293.3	11,300*	39.8	315.9	12,300*	56.9	343.9	6,700	180
185	27.8	284.0	11,000*	37.3	309.4	12,000*	55.0	340.3	6,200	185
190	24.3	273.3	10,800*	34.7	302.3	11,700*	53.1	336.6	5,800	190
195	20.1	260.5	10,600*	31.9	294.4	11,500*	51.2	332.6	5,400	195
200	14.8	243.6	10,500*	28.8	285.5	11,200*	49.2	328.3	5,000	200
205	5.3	212.3	10,400*	25.4	275.3	11,000*	47.2	323.6	4,700	205
210				21.5	263.2	10,800*	45.1	318.7	4,300	210
220				9.4	224.3	10,500*				220

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

190 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.9	391.0	18,600*							70
75	73.5	389.5	18,400*							75
80	72.0	387.9	18,100*							80
85	70.4	386.1	17,900*							85
90	68.9	384.1	17,700*							90
95	67.4	382.0	17,500*							95
100	65.8	379.8	17,300*	70.9	385.1	18,100*				100
105	64.2	377.3	17,000*	69.4	383.2	17,900*				105
110	62.6	374.7	16,400*	67.8	381.2	17,700*				110
115	61.0	371.9	15,800*	66.3	379.0	17,500*				115
120	59.3	368.9	15,300*	64.7	376.6	17,200*				120
125	57.6	365.8	14,800*	63.1	374.0	16,800*				125
130	55.9	362.4	14,400*	61.5	371.3	16,300*				130
135	54.1	358.7	13,900*	59.8	368.4	15,700*				135
140	52.3	354.9	13,500*	58.1	365.2	15,200*				140
145	50.5	350.8	13,200*	56.4	361.9	14,700*				145
150	48.6	346.3	12,800*	54.7	358.4	14,300*				150
155	46.6	341.6	12,500*	52.9	354.6	13,900*				155
160	44.6	336.6	12,200*	51.1	350.5	13,500*				160
165	42.5	331.1	11,900*	49.2	346.2	13,100*				165
170	40.3	325.3	11,600*	47.2	341.6	12,800*				170
175	38.0	318.9	11,300*	45.2	336.6	12,400*				175
180	35.6	312.0	11,100*	43.1	331.3	12,100*				180
185	33.0	304.4	10,900*	41.0	325.6	11,800*	57.0	352.5	6,000	185
190	30.2	295.9	10,600*	38.7	319.4	11,600*	55.3	349.1	5,600	190
195	27.1	286.4	10,500*	36.3	312.6	11,300*	53.5	345.4	5,200	195
200	23.6	275.4	10,300*	33.8	305.3	11,100*	51.7	341.4	4,800	200
205	19.6	262.1	10,100*	31.0	297.1	10,800*	49.8	337.2	4,500	205
210	14.4	244.8	10,000*	28.0	287.9	10,600*	47.9	332.7	4,100	210
220				20.9	264.9	10,300*				220
230				9.2	225.1	10,000*				230



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

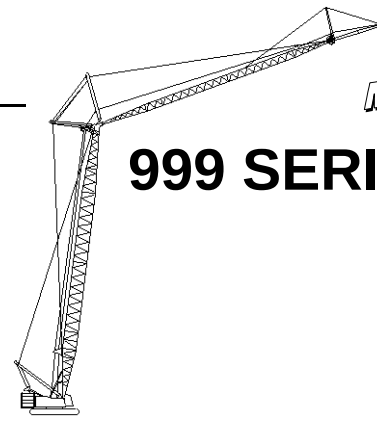
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

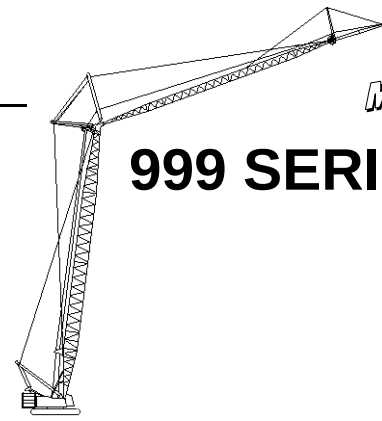
190 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.7	401.4	18,200*				70
75	74.3	400.0	18,000*				75
80	72.8	398.4	17,700*				80
85	71.4	396.7	17,500*				85
90	70.0	394.9	17,200*				90
95	68.5	392.9	17,000*				95
100	67.0	390.7	16,800*				100
105	65.5	388.5	16,500*	70.4	393.9	16,800*	105
110	64.0	386.0	16,100*	68.9	392.0	16,700*	110
115	62.5	383.4	15,500*	67.5	389.9	16,500*	115
120	60.9	380.6	15,100*	66.0	387.7	16,300*	120
125	59.3	377.6	14,600*	64.5	385.3	16,100*	125
130	57.7	374.4	14,100*	62.9	382.7	15,900*	130
135	56.1	371.1	13,700*	61.4	380.0	15,400*	135
140	54.4	367.5	13,300*	59.8	377.0	14,900*	140
145	52.7	363.7	13,000*	58.2	373.9	14,500*	145
150	51.0	359.6	12,600*	56.6	370.6	14,100*	150
155	49.2	355.3	12,300*	54.9	367.1	13,700*	155
160	47.3	350.7	12,000*	53.2	363.4	13,300*	160
165	45.4	345.8	11,700*	51.5	359.4	12,900*	165
170	43.5	340.5	11,500*	49.7	355.1	12,600*	170
175	41.4	334.9	11,200*	47.9	350.6	12,300*	175
180	39.3	328.8	11,000*	46.0	345.8	12,000*	180
185	37.0	322.2	10,700*	44.1	340.6	11,700*	185
190	34.7	315.1	10,500*	42.0	335.1	11,400*	190
195	32.1	307.2	10,300*	39.9	329.2	11,200*	195
200	29.4	298.5	10,100*	37.7	322.8	10,900*	200
205	26.4	288.7	10,000*	35.4	315.8	10,700*	205
210	23.0	277.4	9,800*	32.9	308.2	10,500*	210
220	14.1	245.9	9,400*	27.3	290.3	10,100*	220
230				20.4	266.7	9,800*	230
240				8.9	225.8	9,500*	240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

190 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

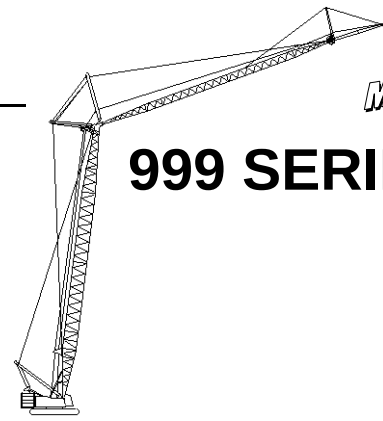
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.0	410.4	16,800*				75
80	73.6	408.9	16,600*				80
85	72.3	407.3	16,300*				85
90	70.9	405.5	16,100*				90
95	69.5	403.7	15,900*				95
100	68.1	401.6	15,700*				100
105	66.7	399.5	15,500*				105
110	65.3	397.1	15,300*	69.9	402.7	15,500*	110
115	63.8	394.7	15,100*	68.6	400.8	15,300*	115
120	62.4	392.0	14,700*	67.1	398.6	15,200*	120
125	60.9	389.2	14,300*	65.7	396.4	15,000*	125
130	59.4	386.3	13,900*	64.3	393.9	14,900*	130
135	57.8	383.1	13,500*	62.8	391.4	14,700*	135
140	56.3	379.8	13,100*	61.3	388.6	14,600*	140
145	54.7	376.2	12,700*	59.8	385.7	14,200*	145
150	53.1	372.5	12,400*	58.3	382.6	13,800*	150
155	51.4	368.5	12,100*	56.8	379.3	13,400*	155
160	49.7	364.2	11,800*	55.2	375.8	13,000*	160
165	48.0	359.7	11,500*	53.6	372.1	12,700*	165
170	46.2	354.9	11,200*	51.9	368.2	12,300*	170
175	44.3	349.8	11,000*	50.2	364.0	12,000*	175
180	42.4	344.4	10,800*	48.5	359.6	11,800*	180
185	40.4	338.5	10,500*	46.7	354.9	11,500*	185
190	38.3	332.2	10,300*	44.9	349.9	11,200*	190
195	36.1	325.4	10,100*	43.0	344.5	11,000*	195
200	33.8	318.0	9,900*	41.0	338.8	10,700*	200
205	31.3	310.0	9,800*	39.0	332.7	10,500*	205
210	28.7	301.0	9,600*	36.8	326.0	10,300*	210
220	22.5	279.3	9,200*	32.1	311.0	9,900*	220
230	13.7	247.1	8,700*	26.7	292.6	9,600*	230
240				19.9	268.4	9,300*	240
250				8.7	226.4	8,400	250



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
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999 SERIES 2

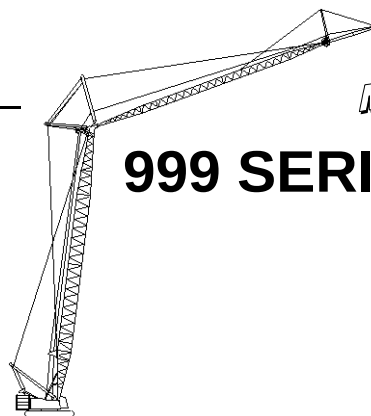
190 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.8	391.1	16,100*							70
75	73.3	389.6	15,800*							75
80	71.8	387.9	15,500*							80
85	70.2	386.1	15,100*							85
90	68.7	384.2	14,800*							90
95	67.2	382.1	14,500*							95
100	65.6	379.8	14,200*	70.7	385.2	14,900*				100
105	64.0	377.4	13,900*	69.2	383.3	14,700*				105
110	62.4	374.8	13,700*	67.6	381.2	14,400*				110
115	60.8	372.0	13,400*	66.1	379.0	14,100*				115
120	59.1	369.0	13,100*	64.5	376.6	13,800*				120
125	57.4	365.8	12,900*	62.9	374.1	13,600*				125
130	55.7	362.4	12,700*	61.3	371.3	13,400*				130
135	53.9	358.8	12,500*	59.6	368.4	13,100*				135
140	52.1	354.9	12,300*	57.9	365.3	12,900*				140
145	50.3	350.8	11,900*	56.2	362.0	12,700*				145
150	48.4	346.4	11,600*	54.5	358.4	12,500*				150
155	46.4	341.7	11,300*	52.7	354.6	12,300*				155
160	44.4	336.6	11,000*	50.9	350.6	12,100*				160
165	42.3	331.2	10,700*	49.0	346.3	11,900*				165
170	40.1	325.3	10,500*	47.0	341.6	11,600*				170
175	37.8	319.0	10,200*	45.0	336.7	11,300*				175
180	35.4	312.1	10,000*	43.0	331.4	11,000*				180
185	32.8	304.5	9,800*	40.8	325.7	10,700*	56.8	352.6	6,200	185
190	30.0	296.0	9,500*	38.5	319.5	10,400*	55.1	349.1	5,800	190
195	26.9	286.5	9,300*	36.1	312.7	10,200*	53.3	345.4	5,400	195
200	23.5	275.5	9,000*	33.6	305.3	9,900*	51.5	341.5	5,100	200
205	19.4	262.3	8,800*	30.8	297.2	9,700*	49.6	337.2	4,700	205
210	14.3	244.9	8,600*	27.9	288.0	9,500*	47.7	332.7	4,400	210
220				20.7	265.1	9,100*				220
230				9.0	225.4	8,700*				230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

190 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.5	401.4	15,400*							70
75	74.1	400.0	15,200*							75
80	72.7	398.5	14,900*							80
85	71.2	396.8	14,600*							85
90	69.8	394.9	14,400*							90
95	68.3	392.9	14,100*							95
100	66.8	390.8	13,800*							100
105	65.3	388.5	13,600*	70.2	394.0	14,200*				105
110	63.8	386.0	13,300*	68.8	392.0	13,900*				110
115	62.3	383.4	13,000*	67.3	390.0	13,700*				115
120	60.7	380.6	12,800*	65.8	387.7	13,400*				120
125	59.2	377.7	12,600*	64.3	385.3	13,200*				125
130	57.6	374.5	12,400*	62.8	382.7	13,000*				130
135	55.9	371.1	12,200*	61.2	380.0	12,800*				135
140	54.2	367.5	12,000*	59.6	377.1	12,600*				140
145	52.5	363.7	11,800*	58.0	374.0	12,400*				145
150	50.8	359.7	11,500*	56.4	370.7	12,200*				150
155	49.0	355.4	11,200*	54.8	367.1	12,000*				155
160	47.2	350.8	10,900*	53.1	363.4	11,800*				160
165	45.2	345.8	10,600*	51.3	359.4	11,700*				165
170	43.3	340.6	10,300*	49.5	355.2	11,400*				170
175	41.2	334.9	10,100*	47.7	350.7	11,100*				175
180	39.1	328.9	9,800*	45.8	345.9	10,800*				180
185	36.8	322.3	9,600*	43.9	340.7	10,500*				185
190	34.5	315.1	9,400*	41.9	335.2	10,300*	57.0	361.3	5,600	190
195	32.0	307.3	9,200*	39.7	329.2	10,000*	55.3	357.8	5,200	195
200	29.2	298.6	9,000*	37.5	322.8	9,800*	53.6	354.2	4,800	200
205	26.2	288.8	8,800*	35.2	315.9	9,600*	51.9	350.3	4,500	205
210	22.9	277.5	8,700*	32.7	308.2	9,400*	50.2	346.1	4,200	210
220	13.9	246.1	8,400*	27.2	290.4	9,000*				220
230				20.2	266.8	8,600*				230
240				8.8	226.1	8,400*				240



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

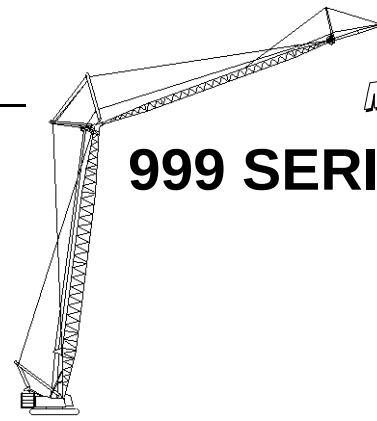
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

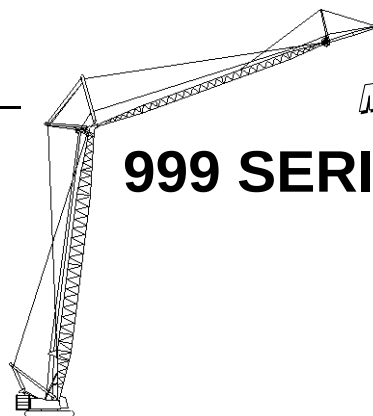
190 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.8	410.4	14,500*				75
80	73.5	408.9	14,300*				80
85	72.1	407.3	14,000*				85
90	70.7	405.6	13,800*				90
95	69.3	403.7	13,600*				95
100	68.0	401.7	13,300*				100
105	66.5	399.5	13,100*				105
110	65.1	397.2	12,800*	69.8	402.8	13,400*	110
115	63.7	394.7	12,600*	68.4	400.8	13,100*	115
120	62.2	392.1	12,400*	67.0	398.7	13,000*	120
125	60.7	389.3	12,200*	65.5	396.4	12,700*	125
130	59.2	386.3	12,000*	64.1	394.0	12,500*	130
135	57.7	383.2	11,900*	62.6	391.4	12,400*	135
140	56.1	379.8	11,600*	61.2	388.7	12,200*	140
145	54.5	376.3	11,500*	59.7	385.7	12,000*	145
150	52.9	372.5	11,300*	58.1	382.6	11,800*	150
155	51.2	368.5	11,000*	56.6	379.4	11,600*	155
160	49.5	364.3	10,700*	55.0	375.9	11,500*	160
165	47.8	359.8	10,400*	53.4	372.2	11,300*	165
170	46.0	355.0	10,200*	51.7	368.3	11,200*	170
175	44.1	349.9	9,900*	50.1	364.1	11,000*	175
180	42.2	344.4	9,700*	48.3	359.7	10,700*	180
185	40.2	338.6	9,500*	46.5	355.0	10,400*	185
190	38.1	332.3	9,300*	44.7	350.0	10,100*	190
195	36.0	325.5	9,100*	42.8	344.6	9,900*	195
200	33.7	318.1	8,900*	40.8	338.9	9,700*	200
205	31.2	310.0	8,700*	38.8	332.7	9,500*	205
210	28.5	301.1	8,600*	36.6	326.1	9,300*	210
220	22.3	279.4	8,300*	31.9	311.1	8,900*	220
230	13.6	247.3	8,000*	26.5	292.7	8,500*	230
240				19.7	268.5	8,200*	240
250				8.6	226.8	8,000*	250

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

190 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

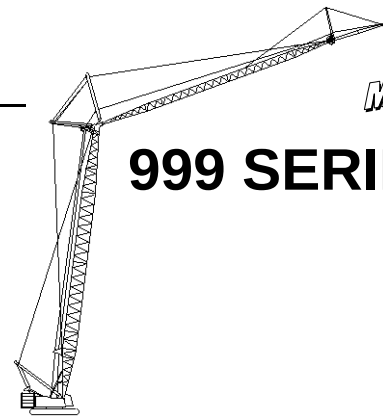
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.5	420.8	13,800*				75
80	74.2	419.4	13,600*				80
85	72.9	417.9	13,400*				85
90	71.6	416.2	13,200*				90
95	70.3	414.4	13,000*				95
100	69.0	412.5	12,800*				100
105	67.6	410.4	12,600*				105
110	66.3	408.2	12,400*	70.7	413.5	12,700*	110
115	64.9	405.9	12,200*	69.4	411.6	12,500*	115
120	63.5	403.4	12,000*	68.0	409.6	12,400*	120
125	62.1	400.8	11,800*	66.7	407.4	12,200*	125
130	60.7	398.0	11,600*	65.3	405.1	12,000*	130
135	59.2	395.0	11,400*	63.9	402.7	11,800*	135
140	57.8	391.8	11,300*	62.5	400.1	11,700*	140
145	56.3	388.5	11,100*	61.1	397.3	11,500*	145
150	54.8	385.0	11,000*	59.7	394.4	11,400*	150
155	53.2	381.3	10,800*	58.2	391.3	11,200*	155
160	51.6	377.3	10,500*	56.7	388.0	11,100*	160
165	50.0	373.2	10,300*	55.2	384.6	10,900*	165
170	48.4	368.8	10,000*	53.7	380.9	10,800*	170
175	46.7	364.1	9,800*	52.1	377.1	10,700*	175
180	44.9	359.1	9,500*	50.5	373.0	10,500*	180
185	43.1	353.8	9,300*	48.9	368.6	10,200*	185
190	41.2	348.2	9,100*	47.2	364.0	10,000*	190
195	39.3	342.1	8,900*	45.5	359.1	9,700*	195
200	37.3	335.6	8,700*	43.7	353.9	9,500*	200
205	35.1	328.6	8,600*	41.8	348.4	9,300*	205
210	32.9	321.1	8,400*	39.9	342.5	9,100*	210
220	27.9	303.5	8,100*	35.8	329.3	8,700*	220
230	21.8	281.3	7,800*	31.2	313.8	8,400*	230
240	13.3	248.4	7,600*	25.9	295.0	8,100*	240
250				19.3	270.1	7,800*	250
260				8.4	227.4	7,600*	260



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

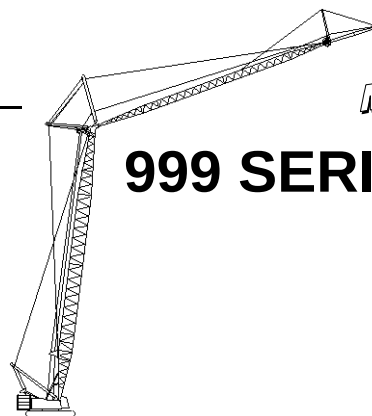
200 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.3	372.8	26,800*							60
65	73.5	371.3	26,500*							65
70	71.8	369.7	26,300*							70
75	70.0	367.9	26,000*							75
80	68.2	366.0	25,800*							80
85	66.4	363.8	25,500*							85
90	64.5	361.5	25,300*	70.9	367.3	26,200*				90
95	62.7	358.9	24,900*	69.1	365.4	26,000*				95
100	60.7	356.2	24,000*	67.3	363.3	25,900*				100
105	58.8	353.2	23,200*	65.4	361.1	25,700*				105
110	56.8	350.0	22,400*	63.6	358.6	25,500*				110
115	54.8	346.5	21,700*	61.7	356.0	24,900*				115
120	52.7	342.8	21,100*	59.7	353.1	24,100*				120
125	50.5	338.7	20,500*	57.7	350.0	23,300*				125
130	48.3	334.4	19,900*	55.7	346.6	22,500*				130
135	46.0	329.6	19,300*	53.7	343.0	21,800*				135
140	43.6	324.5	18,800*	51.5	339.1	21,100*				140
145	41.1	318.9	18,400*	49.3	334.9	20,500*				145
150	38.4	312.7	17,900*	47.1	330.4	19,900*				150
155	35.6	306.0	17,200*	44.7	325.4	19,400*				155
160	32.5	298.4	16,500*	42.3	320.0	18,900*				160
165	29.2	289.9	15,800*	39.7	314.2	18,400*				165
170	25.5	280.0	15,200*	36.9	307.7	18,000*	57.3	338.2	6,700	170
175	21.2	268.0	14,600*	34.0	300.5	17,200	55.3	334.8	6,300	175
180	15.7	252.5	14,100*	30.8	292.5	16,400	53.2	331.1	5,800	180
185	6.6	225.8	13,700*	27.3	283.3	15,700	51.1	327.2	5,400	185
190				23.3	272.5	15,000	48.9	322.9	5,000	190
195				18.5	259.0	14,300	46.6	318.2	4,600	195
200				11.9	239.8	13,600	44.2	313.2	4,200	200

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

200 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.5	381.8	25,900*							65
70	72.8	380.3	25,700*							70
75	71.2	378.6	25,500*							75
80	69.5	376.7	25,300*							80
85	67.8	374.7	25,000*							85
90	66.0	372.5	24,800*							90
95	64.3	370.2	24,400*	70.3	376.1	25,400*				95
100	62.5	367.6	23,500*	68.6	374.1	25,300*				100
105	60.7	364.9	22,800*	66.9	372.0	25,100*				105
110	58.9	361.9	22,000*	65.1	369.8	25,000*				110
115	57.0	358.7	21,400*	63.4	367.3	24,400*				115
120	55.1	355.2	20,700*	61.6	364.6	23,500*				120
125	53.1	351.5	20,100*	59.7	361.8	22,800*				125
130	51.1	347.6	19,600*	57.9	358.7	22,100*				130
135	49.0	343.3	19,100*	56.0	355.3	21,400*				135
140	46.8	338.7	18,600*	54.0	351.8	20,800*				140
145	44.6	333.7	18,100*	52.0	347.9	20,200*				145
150	42.3	328.4	17,400*	50.0	343.8	19,600*				150
155	39.8	322.5	16,800*	47.9	339.4	19,100*				155
160	37.3	316.1	16,100*	45.7	334.6	18,600*				160
165	34.5	309.1	15,500*	43.4	329.4	18,200*				165
170	31.6	301.2	14,900*	41.0	323.8	17,700*				170
175	28.4	292.4	14,300*	38.5	317.7	17,100	57.5	346.9	6,100	175
180	24.8	282.1	13,800*	35.9	310.9	16,300	55.6	343.5	5,600	180
185	20.6	269.8	13,300*	33.0	303.5	15,500	53.6	339.9	5,200	185
190	15.3	253.9	12,800*	29.9	295.2	14,800	51.6	336.0	4,800	190
195	6.4	226.3	12,600*	26.5	285.6	14,100	49.5	331.8	4,400	195
200				22.7	274.4	13,500	47.4	327.3	4,000	200
205				18.0	260.5	12,900				205
210				11.5	240.8	12,300				210



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

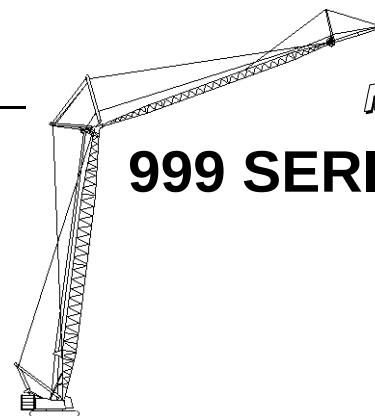
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

Designed And Tested
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ANSI B30.5



999 SERIES 2

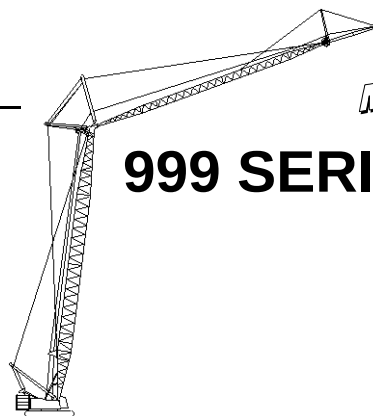
200 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.3	392.2	24,400*				65
70	73.8	390.7	24,400*				70
75	72.2	389.2	23,900*				75
80	70.6	387.4	23,700*				80
85	69.0	385.5	23,500*				85
90	67.4	383.5	23,300*				90
95	65.7	381.3	23,000*				95
100	64.1	378.9	22,600*	69.8	384.9	22,600*	100
105	62.4	376.3	22,100*	68.1	382.9	22,400*	105
110	60.7	373.5	21,500*	66.5	380.8	22,300*	110
115	58.9	370.5	20,900*	64.9	378.5	22,200*	115
120	57.1	367.4	20,300*	63.2	376.0	22,100*	120
125	55.3	364.0	19,700*	61.5	373.3	21,900*	125
130	53.5	360.3	19,100*	59.8	370.4	21,600*	130
135	51.6	356.4	18,500*	58.0	367.3	21,000*	135
140	49.6	352.2	17,900*	56.2	364.0	20,400*	140
145	47.6	347.7	17,300*	54.4	360.5	19,800*	145
150	45.5	342.9	16,700*	52.5	356.7	19,300*	150
155	43.3	337.7	16,100*	50.5	352.7	18,800*	155
160	41.1	332.1	15,500*	48.6	348.3	18,400*	160
165	38.7	326.0	15,000*	46.5	343.7	17,900*	165
170	36.2	319.4	14,500*	44.4	338.7	17,500*	170
175	33.6	312.1	13,900*	42.2	333.3	16,600	175
180	30.7	304.0	13,500*	39.9	327.4	15,900	180
185	27.6	294.8	13,000*	37.4	321.0	15,100	185
190	24.1	284.2	12,500*	34.9	314.1	14,400	190
195	20.0	271.6	12,100*	32.1	306.4	13,800	195
200	14.8	255.1	11,700*	29.1	297.7	13,100	200
205	6.2	226.8	11,500*	25.8	287.9	12,500	205
210				22.0	276.4	11,900	210
220				11.2	241.8	10,800	220

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

200 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

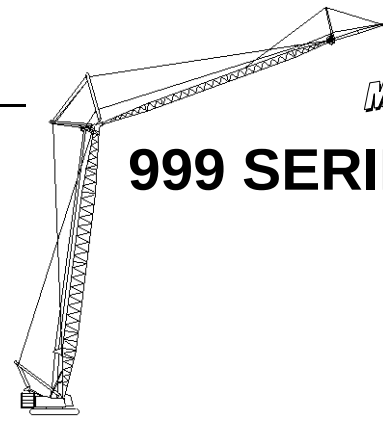
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.6	401.2	21,700*				70
75	73.1	399.7	21,500*				75
80	71.6	398.0	21,300*				80
85	70.1	396.2	21,100*				85
90	68.6	394.3	20,800*				90
95	67.0	392.2	20,600*				95
100	65.4	390.0	20,300*	70.8	395.5	20,200*	100
105	63.9	387.5	20,100*	69.3	393.7	20,100*	105
110	62.3	384.9	19,900*	67.7	391.7	19,900*	110
115	60.6	382.2	19,400*	66.2	389.5	19,800*	115
120	59.0	379.2	18,900*	64.6	387.1	19,600*	120
125	57.3	376.0	18,400*	63.0	384.6	19,500*	125
130	55.6	372.7	17,900*	61.4	381.9	19,300*	130
135	53.8	369.1	17,400*	59.8	379.1	19,200*	135
140	52.0	365.2	16,900*	58.1	376.0	19,100*	140
145	50.2	361.1	16,400*	56.4	372.7	19,000*	145
150	48.3	356.7	15,900*	54.6	369.2	18,900*	150
155	46.3	352.0	15,400*	52.9	365.5	18,400*	155
160	44.3	347.0	14,900*	51.0	361.5	18,000*	160
165	42.2	341.6	14,400*	49.2	357.3	17,500*	165
170	40.0	335.8	13,900*	47.2	352.7	17,100	170
175	37.7	329.4	13,500*	45.3	347.9	16,300	175
180	35.3	322.6	13,000*	43.2	342.6	15,500	180
185	32.7	315.0	12,600*	41.1	337.0	14,800	185
190	29.9	306.6	12,200*	38.8	330.9	14,100	190
195	26.9	297.2	11,800*	36.4	324.3	13,400	195
200	23.5	286.3	11,400*	33.9	317.1	12,800	200
205	19.5	273.3	11,100*	31.3	309.2	12,200	205
210	14.4	256.4	10,800*	28.4	300.3	11,600	210
220				21.5	278.2	10,500	220
230				10.9	242.7	9,500	230



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

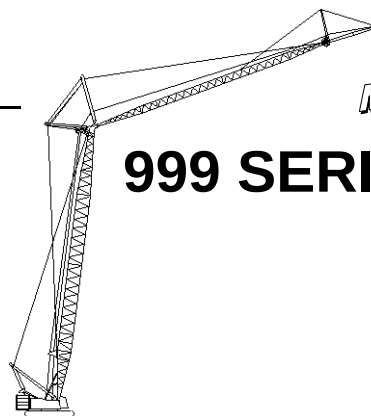
200 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.9	381.7	22,200*							65
70	73.2	380.2	21,900*							70
75	71.6	378.5	21,700*							75
80	69.9	376.7	21,500*							80
85	68.2	374.7	21,200*							85
90	66.5	372.5	21,000*							90
95	64.7	370.1	20,800*	70.7	376.0	21,700*				95
100	62.9	367.6	20,300*	69.0	374.1	21,500*				100
105	61.1	364.8	19,600*	67.3	372.0	21,300*				105
110	59.3	361.8	19,000*	65.5	369.7	21,100*				110
115	57.4	358.6	18,300*	63.8	367.2	21,000*				115
120	55.5	355.2	17,700*	62.0	364.6	20,300*				120
125	53.5	351.5	17,200*	60.1	361.7	19,600*				125
130	51.5	347.5	16,700*	58.3	358.6	19,000*				130
135	49.4	343.2	16,200*	56.4	355.3	18,400*				135
140	47.2	338.6	15,800*	54.4	351.7	17,800*				140
145	45.0	333.7	15,400*	52.4	347.9	17,200*				145
150	42.7	328.3	15,000*	50.4	343.7	16,700*				150
155	40.2	322.4	14,600*	48.3	339.3	16,200*				155
160	37.7	316.0	14,300*	46.1	334.5	15,800*				160
165	34.9	309.0	13,900*	43.8	329.3	15,400*				165
170	32.0	301.1	13,600*	41.4	323.7	15,000*				170
175	28.8	292.3	13,400*	38.9	317.6	14,600*	57.9	346.8	6,300	175
180	25.1	282.0	13,100*	36.3	310.9	14,300*	56.0	343.5	5,900	180
185	20.9	269.7	12,800*	33.4	303.4	14,000*	54.0	339.8	5,500	185
190	15.6	253.7	12,300*	30.3	295.1	13,700*	52.0	335.9	5,100	190
195	6.6	225.8	12,000*	26.9	285.5	13,400*	49.9	331.7	4,700	195
200				23.0	274.3	13,200*	47.8	327.2	4,300	200
205				18.3	260.4	12,900*	45.6	322.4	4,000	205
210				11.9	240.5	12,600				210

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

200 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.7	392.1	21,800*							65
70	74.1	390.7	21,500*							70
75	72.6	389.1	21,300*							75
80	71.0	387.4	21,100*							80
85	69.4	385.5	20,900*							85
90	67.8	383.4	20,700*							90
95	66.1	381.2	20,500*							95
100	64.5	378.8	19,900*	70.1	384.8	21,100*				100
105	62.8	376.2	19,200*	68.5	382.9	20,900*				105
110	61.1	373.5	18,600*	66.9	380.7	20,700*				110
115	59.3	370.5	18,000*	65.2	378.4	20,600*				115
120	57.5	367.3	17,400*	63.6	375.9	19,900*				120
125	55.7	363.9	16,900*	61.9	373.2	19,200*				125
130	53.9	360.2	16,400*	60.1	370.4	18,600*				130
135	51.9	356.3	16,000*	58.4	367.3	18,000*				135
140	50.0	352.1	15,500*	56.6	364.0	17,500*				140
145	48.0	347.7	15,100*	54.7	360.4	16,900*				145
150	45.9	342.8	14,700*	52.9	356.7	16,500*				150
155	43.7	337.6	14,400*	50.9	352.6	16,000*				155
160	41.5	332.0	14,000*	48.9	348.3	15,600*				160
165	39.1	325.9	13,700*	46.9	343.6	15,200*				165
170	36.6	319.3	13,400*	44.8	338.6	14,800*				170
175	34.0	312.0	13,200*	42.6	333.2	14,400*				175
180	31.1	303.9	12,900*	40.2	327.3	14,100*	58.0	355.5	5,700	180
185	28.0	294.7	12,600*	37.8	321.0	13,800*	56.2	352.2	5,300	185
190	24.4	284.1	12,200*	35.2	314.0	13,500*	54.3	348.6	4,900	190
195	20.3	271.4	11,700*	32.5	306.3	13,200*	52.4	344.7	4,500	195
200	15.2	254.9	11,300*	29.5	297.6	12,900*	50.5	340.6	4,100	200
205	6.4	226.3	11,100*	26.2	287.8	12,700*				205
210				22.4	276.2	12,500*				210
220				11.5	241.5	11,400				220

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

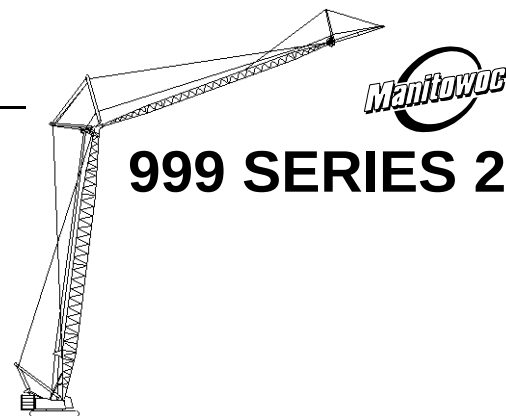
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

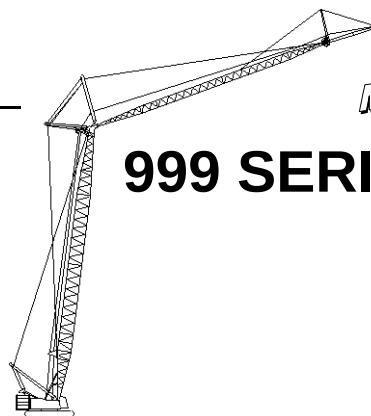
200 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.0	401.1	21,000*				70
75	73.5	399.6	20,800*				75
80	72.0	398.0	20,600*				80
85	70.5	396.2	20,400*				85
90	68.9	394.2	20,200*				90
95	67.4	392.2	20,000*				95
100	65.8	389.9	19,500*				100
105	64.2	387.5	18,900*	69.7	393.6	19,700*	105
110	62.6	384.9	18,200*	68.1	391.6	19,600*	110
115	61.0	382.1	17,700*	66.6	389.4	19,500*	115
120	59.3	379.1	17,100*	65.0	387.1	19,300*	120
125	57.7	376.0	16,600*	63.4	384.6	18,800*	125
130	55.9	372.6	16,100*	61.8	381.9	18,200*	130
135	54.2	369.0	15,700*	60.1	379.0	17,700*	135
140	52.4	365.1	15,300*	58.5	375.9	17,100*	140
145	50.5	361.0	14,900*	56.8	372.7	16,600*	145
150	48.6	356.6	14,500*	55.0	369.2	16,200*	150
155	46.7	351.9	14,200*	53.2	365.4	15,700*	155
160	44.7	346.9	13,900*	51.4	361.5	15,300*	160
165	42.5	341.5	13,600*	49.5	357.2	14,900*	165
170	40.4	335.7	13,300*	47.6	352.7	14,600*	170
175	38.1	329.4	13,000*	45.6	347.8	14,200*	175
180	35.6	322.5	12,700*	43.6	342.6	13,900*	180
185	33.0	314.9	12,300*	41.4	336.9	13,600*	185
190	30.3	306.5	11,900*	39.2	330.9	13,300*	190
195	27.2	297.1	11,500*	36.8	324.3	13,000*	195
200	23.8	286.2	11,100*	34.3	317.0	12,800*	200
205	19.8	273.1	10,700*	31.6	309.1	12,500*	205
210	14.8	256.2	10,400*	28.7	300.2	12,200	210
220				21.8	278.1	11,100	220
230				11.2	242.4	10,000	230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

200 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.7	411.5	19,400*				70
75	74.3	410.1	19,200*				75
80	72.9	408.5	19,000*				80
85	71.4	406.8	18,800*				85
90	70.0	405.0	18,500*				90
95	68.5	403.0	18,300*				95
100	67.0	400.9	18,100*				100
105	65.5	398.6	18,000*	70.7	404.3	17,900*	105
110	64.0	396.2	17,800*	69.2	402.4	17,800*	110
115	62.5	393.6	17,200*	67.7	400.3	17,600*	115
120	61.0	390.8	16,700*	66.3	398.1	17,500*	120
125	59.4	387.8	16,200*	64.8	395.8	17,300*	125
130	57.8	384.7	15,800*	63.2	393.2	17,200*	130
135	56.1	381.3	15,400*	61.7	390.6	17,100*	135
140	54.5	377.7	15,000*	60.1	387.7	16,700*	140
145	52.8	373.9	14,600*	58.5	384.6	16,300*	145
150	51.0	369.9	14,200*	56.9	381.4	15,800*	150
155	49.2	365.6	13,900*	55.3	377.9	15,400*	155
160	47.4	361.0	13,600*	53.6	374.2	15,000*	160
165	45.5	356.1	13,300*	51.8	370.3	14,600*	165
170	43.5	350.9	13,000*	50.1	366.1	14,300*	170
175	41.5	345.3	12,700*	48.3	361.7	13,900*	175
180	39.3	339.2	12,300*	46.4	356.9	13,600*	180
185	37.1	332.7	11,900*	44.5	351.8	13,300*	185
190	34.7	325.6	11,600*	42.4	346.4	13,100*	190
195	32.2	317.8	11,200*	40.4	340.6	12,800*	195
200	29.5	309.1	10,800*	38.2	334.3	12,500*	200
205	26.5	299.4	10,500*	35.9	327.5	12,300*	205
210	23.2	288.2	10,100*	33.4	320.0	11,800	210
220	14.4	257.4	9,600*	28.0	302.6	10,800	220
230				21.2	279.9	9,800	230
240				10.9	243.3	8,800	240

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

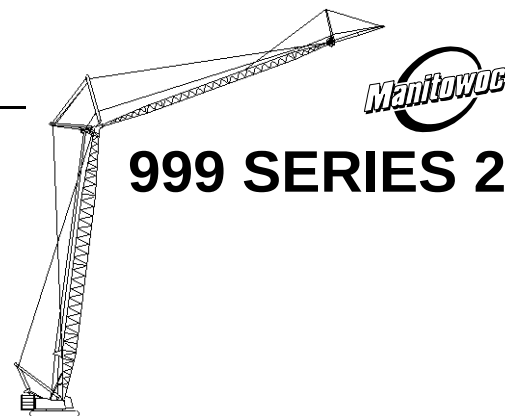
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



999 SERIES 2

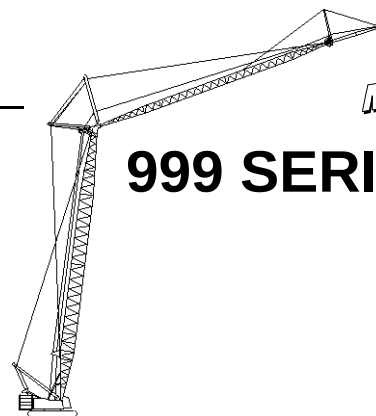
200 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.8	392.1	19,000*							65
70	74.2	390.7	18,800*							70
75	72.7	389.1	18,600*							75
80	71.1	387.4	18,300*							80
85	69.5	385.5	18,100*							85
90	67.9	383.4	17,900*							90
95	66.2	381.2	17,700*							95
100	64.6	378.8	17,500*	70.2	384.8	18,300*				100
105	62.9	376.2	17,300*	68.6	382.9	18,100*				105
110	61.1	373.5	16,700*	67.0	380.7	17,900*				110
115	59.4	370.5	16,100*	65.3	378.4	17,800*				115
120	57.6	367.3	15,600*	63.7	375.9	17,600*				120
125	55.8	363.9	15,100*	62.0	373.2	17,300*				125
130	53.9	360.3	14,600*	60.2	370.4	16,700*				130
135	52.0	356.3	14,200*	58.5	367.3	16,100*				135
140	50.1	352.2	13,800*	56.7	364.0	15,600*				140
145	48.1	347.7	13,400*	54.8	360.5	15,100*				145
150	46.0	342.8	13,000*	53.0	356.7	14,600*				150
155	43.8	337.7	12,700*	51.0	352.6	14,200*				155
160	41.6	332.0	12,400*	49.0	348.3	13,800*				160
165	39.2	326.0	12,100*	47.0	343.6	13,400*				165
170	36.7	319.3	11,800*	44.9	338.6	13,100*				170
175	34.0	312.0	11,500*	42.7	333.2	12,700*				175
180	31.2	303.9	11,300*	40.3	327.3	12,400*				180
185	28.1	294.7	11,100*	37.9	321.0	12,100*	56.3	352.2	5,500	185
190	24.5	284.1	10,800*	35.3	314.0	11,800*	54.4	348.6	5,100	190
195	20.4	271.5	10,700*	32.6	306.3	11,600*	52.5	344.7	4,700	195
200	15.3	255.0	10,500*	29.6	297.7	11,300*	50.6	340.6	4,400	200
205	6.6	226.4	10,400*	26.3	287.8	11,100*	48.6	336.2	4,000	205
210				22.5	276.3	10,900*				210
220				11.6	241.5	10,500*				220

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

200 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.1	401.1	18,500*				70
75	73.6	399.6	18,200*				75
80	72.1	398.0	18,000*				80
85	70.5	396.2	17,800*				85
90	69.0	394.3	17,600*				90
95	67.5	392.2	17,400*				95
100	65.9	389.9	17,200*				100
105	64.3	387.5	17,000*	69.7	393.6	17,800*	105
110	62.7	384.9	16,400*	68.2	391.6	17,600*	110
115	61.1	382.1	15,900*	66.7	389.4	17,300*	115
120	59.4	379.2	15,300*	65.1	387.1	17,100*	120
125	57.7	376.0	14,900*	63.5	384.6	16,800*	125
130	56.0	372.6	14,400*	61.9	381.9	16,400*	130
135	54.3	369.0	14,000*	60.2	379.0	15,900*	135
140	52.5	365.2	13,600*	58.6	376.0	15,300*	140
145	50.6	361.0	13,200*	56.8	372.7	14,900*	145
150	48.7	356.7	12,800*	55.1	369.2	14,400*	150
155	46.8	352.0	12,500*	53.3	365.4	14,000*	155
160	44.7	346.9	12,200*	51.5	361.5	13,600*	160
165	42.6	341.5	11,900*	49.6	357.2	13,200*	165
170	40.5	335.7	11,600*	47.7	352.7	12,900*	170
175	38.2	329.4	11,400*	45.7	347.8	12,500*	175
180	35.7	322.5	11,100*	43.7	342.6	12,200*	180
185	33.1	314.9	10,900*	41.5	336.9	11,900*	185
190	30.4	306.5	10,700*	39.3	330.9	11,600*	190
195	27.3	297.1	10,500*	36.9	324.3	11,400*	195
200	23.9	286.2	10,300*	34.4	317.0	11,100*	200
205	19.9	273.1	10,100*	31.7	309.1	10,900*	205
210	14.9	256.2	10,000*	28.8	300.2	10,700*	210
220				21.9	278.1	10,300*	220
230				11.3	242.4	10,000*	230

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

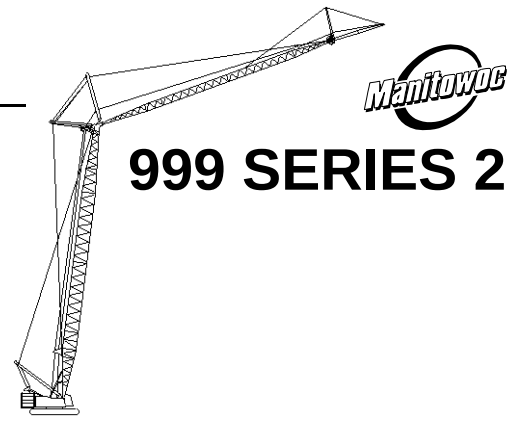
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

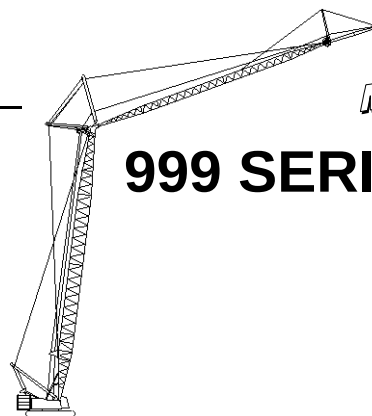
200 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.8	411.5	18,000*				70
75	74.4	410.1	17,700*				75
80	72.9	408.5	17,500*				80
85	71.5	406.8	17,300*				85
90	70.1	405.0	17,000*				90
95	68.6	403.0	16,800*				95
100	67.1	400.9	16,600*				100
105	65.6	398.6	16,400*	70.8	404.3	16,600*	105
110	64.1	396.2	16,100*	69.3	402.4	16,500*	110
115	62.6	393.6	15,600*	67.8	400.4	16,300*	115
120	61.0	390.8	15,100*	66.3	398.1	16,100*	120
125	59.5	387.8	14,600*	64.8	395.8	15,900*	125
130	57.9	384.7	14,200*	63.3	393.3	15,700*	130
135	56.2	381.3	13,800*	61.8	390.6	15,500*	135
140	54.5	377.7	13,400*	60.2	387.7	15,100*	140
145	52.8	373.9	13,000*	58.6	384.6	14,600*	145
150	51.1	369.9	12,700*	57.0	381.4	14,200*	150
155	49.3	365.6	12,300*	55.3	377.9	13,800*	155
160	47.5	361.0	12,000*	53.7	374.2	13,400*	160
165	45.6	356.1	11,700*	51.9	370.3	13,000*	165
170	43.6	350.9	11,500*	50.2	366.1	12,700*	170
175	41.6	345.3	11,200*	48.3	361.7	12,300*	175
180	39.4	339.2	11,000*	46.5	356.9	12,000*	180
185	37.2	332.7	10,700*	44.5	351.9	11,800*	185
190	34.8	325.6	10,500*	42.5	346.4	11,500*	190
195	32.3	317.8	10,300*	40.4	340.6	11,200*	195
200	29.6	309.1	10,100*	38.3	334.3	11,000*	200
205	26.6	299.4	10,000*	36.0	327.5	10,800*	205
210	23.3	288.2	9,800*	33.5	320.0	10,600*	210
220	14.5	257.4	9,200*	28.1	302.6	10,200*	220
230				21.3	279.9	9,800*	230
240				11.0	243.3	9,300	240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



999 SERIES 2

200 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

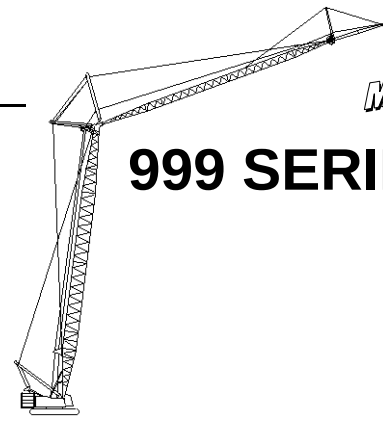
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.1	420.5	16,500*				75
80	73.7	419.0	16,300*				80
85	72.4	417.4	16,100*				85
90	71.0	415.7	15,900*				90
95	69.6	413.8	15,700*				95
100	68.2	411.8	15,600*				100
105	66.8	409.6	15,300*				105
110	65.4	407.3	15,100*	70.3	413.1	15,300*	110
115	63.9	404.8	14,900*	68.9	411.2	15,100*	115
120	62.5	402.2	14,700*	67.5	409.1	15,000*	120
125	61.0	399.4	14,300*	66.1	406.9	14,800*	125
130	59.5	396.5	13,900*	64.6	404.5	14,700*	130
135	58.0	393.3	13,500*	63.2	401.9	14,600*	135
140	56.4	390.0	13,100*	61.7	399.2	14,400*	140
145	54.8	386.5	12,700*	60.2	396.3	14,300*	145
150	53.2	382.7	12,400*	58.7	393.3	13,900*	150
155	51.5	378.7	12,100*	57.1	390.0	13,500*	155
160	49.8	374.5	11,800*	55.6	386.6	13,100*	160
165	48.1	370.0	11,500*	54.0	383.0	12,800*	165
170	46.3	365.3	11,300*	52.3	379.1	12,400*	170
175	44.4	360.2	11,000*	50.6	375.0	12,100*	175
180	42.5	354.7	10,800*	48.9	370.6	11,800*	180
185	40.5	348.9	10,500*	47.2	366.0	11,500*	185
190	38.5	342.7	10,300*	45.3	361.1	11,300*	190
195	36.3	335.9	10,100*	43.4	355.8	11,000*	195
200	34.0	328.6	10,000*	41.5	350.2	10,800*	200
205	31.5	320.5	9,800*	39.5	344.1	10,600*	205
210	28.9	311.6	9,600*	37.3	337.6	10,400*	210
220	22.7	290.1	9,000*	32.7	322.9	10,000*	220
230	14.1	258.6	8,500*	27.4	305.0	9,600*	230
240				20.8	281.7	9,100	240
250				10.7	244.2	8,200	250



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

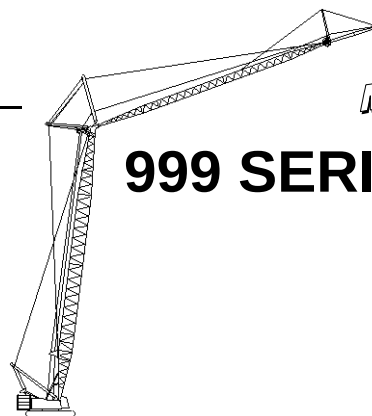
200 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.9	401.2	15,900*							70
75	73.4	399.7	15,600*							75
80	71.9	398.0	15,300*							80
85	70.4	396.2	15,000*							85
90	68.8	394.3	14,700*							90
95	67.3	392.2	14,400*							95
100	65.7	390.0	14,100*							100
105	64.1	387.5	13,900*	69.6	393.7	14,600*				105
110	62.5	384.9	13,600*	68.0	391.7	14,300*				110
115	60.9	382.2	13,300*	66.5	389.5	14,100*				115
120	59.2	379.2	13,100*	64.9	387.1	13,800*				120
125	57.6	376.0	12,800*	63.3	384.6	13,600*				125
130	55.8	372.7	12,800*	61.7	381.9	13,300*				130
135	54.1	369.1	12,400*	60.0	379.1	13,100*				135
140	52.3	365.2	12,200*	58.4	376.0	12,900*				140
145	50.4	361.1	12,000*	56.7	372.7	12,700*				145
150	48.5	356.7	11,600*	54.9	369.2	12,500*				150
155	46.6	352.0	11,300*	53.1	365.5	12,300*				155
160	44.6	347.0	11,000*	51.3	361.5	12,100*				160
165	42.5	341.6	10,800*	49.4	357.3	11,900*				165
170	40.3	335.7	10,500*	47.5	352.7	11,700*				170
175	38.0	329.4	10,200*	45.5	347.9	11,400*				175
180	35.5	322.6	10,000*	43.5	342.6	11,100*				180
185	33.0	315.0	9,800*	41.3	337.0	10,800*	58.0	364.2	5,500	185
190	30.2	306.6	9,500*	39.1	330.9	10,500*	56.3	360.9	5,100	190
195	27.1	297.2	9,300*	36.7	324.3	10,300*	54.5	357.4	4,700	195
200	23.7	286.3	9,000*	34.2	317.1	10,000*	52.7	353.6	4,400	200
205	19.7	273.3	8,800*	31.5	309.2	9,800*	50.9	349.6	4,000	205
210	14.7	256.4	8,600*	28.6	300.3	9,600*				210
220				21.7	278.2	9,200*				220
230				11.2	242.7	8,800*				230

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

200 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.6	411.5	15,300*				70
75	74.2	410.1	15,100*				75
80	72.8	408.6	14,800*				80
85	71.3	406.9	14,600*				85
90	69.9	405.0	14,300*				90
95	68.4	403.1	14,000*				95
100	66.9	400.9	13,700*				100
105	65.5	398.7	13,500*	70.6	404.4	14,100*	105
110	63.9	396.2	13,200*	69.1	402.5	13,900*	110
115	62.4	393.6	13,000*	67.6	400.4	13,600*	115
120	60.9	390.8	12,800*	66.2	398.2	13,400*	120
125	59.3	387.9	12,500*	64.7	395.8	13,200*	125
130	57.7	384.7	12,300*	63.1	393.3	12,900*	130
135	56.0	381.4	12,100*	61.6	390.6	12,700*	135
140	54.4	377.8	12,000*	60.0	387.7	12,500*	140
145	52.7	374.0	11,800*	58.4	384.7	12,300*	145
150	50.9	370.0	11,500*	56.8	381.4	12,200*	150
155	49.1	365.7	11,200*	55.2	378.0	12,000*	155
160	47.3	361.1	10,900*	53.5	374.3	11,800*	160
165	45.4	356.2	10,600*	51.8	370.3	11,600*	165
170	43.4	351.0	10,300*	50.0	366.2	11,500*	170
175	41.4	345.3	10,100*	48.2	361.7	11,200*	175
180	39.2	339.3	9,800*	46.3	357.0	10,900*	180
185	37.0	332.8	9,600*	44.4	351.9	10,600*	185
190	34.6	325.6	9,400*	42.4	346.5	10,300*	190
195	32.1	317.9	9,200*	40.3	340.7	10,100*	195
200	29.4	309.2	9,000*	38.1	334.4	9,900*	200
205	26.5	299.5	8,800*	35.8	327.5	9,600*	205
210	23.1	288.3	8,700*	33.4	320.1	9,400*	210
220	14.3	257.6	8,400*	27.9	302.7	9,000*	220
230				21.2	280.1	8,700*	230
240				10.9	243.6	8,400*	240



Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 138 At

3 Degree Offset Angle On

Luffing Jib No. 135 On

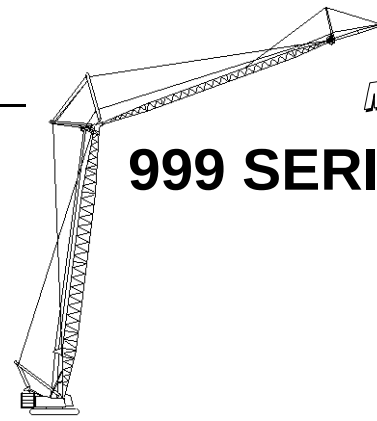
Boom No. 82 or 22EL

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



999 SERIES 2

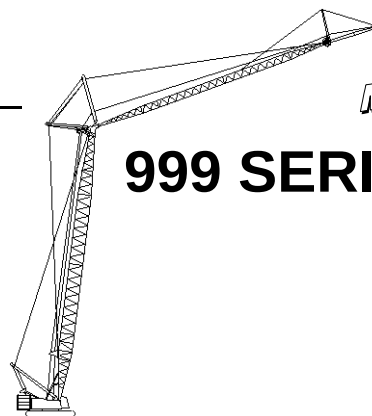
200 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.9	420.5	14,400*				75
80	73.6	419.0	14,200*				80
85	72.2	417.4	13,900*				85
90	70.8	415.7	13,700*				90
95	69.4	413.8	13,500*				95
100	68.0	411.8	13,300*				100
105	66.6	409.7	13,100*				105
110	65.2	407.4	12,800*	70.1	413.2	13,300*	110
115	63.8	404.9	12,500*	68.7	411.2	13,100*	115
120	62.3	402.3	12,400*	67.3	409.1	12,900*	120
125	60.8	399.5	12,100*	65.9	406.9	12,600*	125
130	59.3	396.5	12,000*	64.5	404.5	12,500*	130
135	57.8	393.4	11,800*	63.0	402.0	12,300*	135
140	56.2	390.1	11,600*	61.5	399.3	12,100*	140
145	54.6	386.5	11,400*	60.0	396.4	11,900*	145
150	53.0	382.8	11,300*	58.5	393.3	11,800*	150
155	51.4	378.8	11,000*	57.0	390.1	11,600*	155
160	49.7	374.6	10,700*	55.4	386.7	11,400*	160
165	47.9	370.1	10,500*	53.8	383.0	11,300*	165
170	46.1	365.3	10,200*	52.1	379.2	11,200*	170
175	44.3	360.2	10,000*	50.5	375.1	11,000*	175
180	42.4	354.8	9,700*	48.8	370.7	10,800*	180
185	40.4	349.0	9,500*	47.0	366.1	10,500*	185
190	38.3	342.7	9,300*	45.2	361.1	10,200*	190
195	36.1	336.0	9,100*	43.3	355.9	10,000*	195
200	33.8	328.7	8,900*	41.3	350.2	9,700*	200
205	31.4	320.6	8,700*	39.3	344.2	9,500*	205
210	28.7	311.7	8,600*	37.2	337.7	9,300*	210
220	22.6	290.3	8,300*	32.6	323.0	8,900*	220
230	14.0	258.7	8,000*	27.2	305.1	8,600*	230
240				20.7	281.9	8,300*	240
250				10.6	244.4	8,000*	250

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
184,600 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

200 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.6	430.9	13,700*				75
80	74.3	429.5	13,500*				80
85	73.0	428.0	13,300*				85
90	71.7	426.3	13,100*				90
95	70.4	424.5	12,800*				95
100	69.0	422.6	12,700*				100
105	67.7	420.6	12,500*				105
110	66.4	418.4	12,200*	71.0	423.8	12,600*	110
115	65.0	416.0	12,000*	69.7	422.0	12,500*	115
120	63.6	413.6	11,900*	68.3	420.0	12,300*	120
125	62.2	410.9	11,700*	67.0	417.9	12,100*	125
130	60.8	408.1	11,500*	65.6	415.6	11,900*	130
135	59.3	405.2	11,300*	64.3	413.2	11,800*	135
140	57.9	402.1	11,200*	62.9	410.6	11,600*	140
145	56.4	398.8	11,000*	61.5	407.9	11,500*	145
150	54.9	395.2	10,900*	60.0	405.1	11,300*	150
155	53.3	391.5	10,700*	58.6	402.0	11,200*	155
160	51.8	387.6	10,500*	57.1	398.8	11,000*	160
165	50.1	383.5	10,300*	55.6	395.4	10,900*	165
170	48.5	379.1	10,000*	54.1	391.8	10,800*	170
175	46.8	374.4	9,800*	52.5	387.9	10,700*	175
180	45.0	369.5	9,600*	50.9	383.9	10,500*	180
185	43.2	364.2	9,300*	49.3	379.6	10,300*	185
190	41.4	358.6	9,100*	47.6	375.1	10,000*	190
195	39.4	352.6	8,900*	45.9	370.3	9,800*	195
200	37.4	346.1	8,800*	44.1	365.2	9,600*	200
205	35.3	339.1	8,600*	42.3	359.7	9,300*	205
210	33.0	331.6	8,400*	40.4	353.9	9,100*	210
220	28.1	314.2	8,100*	36.3	341.0	8,800*	220
230	22.1	292.2	7,800*	31.8	325.8	8,400*	230
240	13.7	259.9	7,600*	26.6	307.4	8,100*	240
250				20.2	283.6	7,900*	250
260				10.4	245.3	7,600*	260