

Liftcrane Fixed Jib Capacities

**New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating**

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



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 (*).

Consult Luffing Jib Raising Procedure chart **No. 8422-B** for Maximum Number of Lower Boom Point Sheaves (Layout Jack-Knife Method table, column A).

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom, intermediate fall, 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. 196404**, luffing jib assembly **No. A01031**, Wire Rope Specification chart **No. 8357-B** and Luffing Jib Raising Procedure chart **No. 8422-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. 8360-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, 9 part luffing jib hoist reeving, luffing jib straps, two 1-1/2 in. luffing jib backstay pendants, 219,600 Lb. crane counterweight, two 22,000 Lb. and two 18,000 Lb. carbody counterweights.

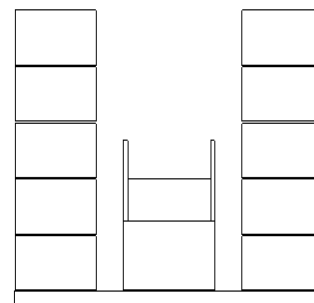
Maximum capacity on 26 mm wire rope is 29,500 Lbs. per line (20,000 Lbs. on 26 mm or 1 in. wire rope when auxiliary drum is used).

Consult chart **No. 8420-A** for luffing jib capacities. Consult chart **No. 8371-A** for intermediate fall capacities with fixed jib attached.

Lower boom point cannot be used when using this chart.

Intermediate Fall Deduct

Deduct 1,200 Lbs. From Capacities
When Luffing Jib Is Equipped
With Intermediate Fall.



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

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

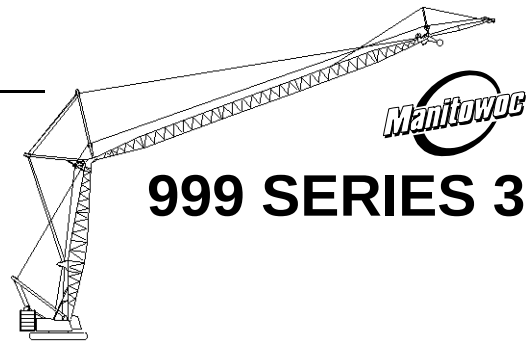
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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999 SERIES 3

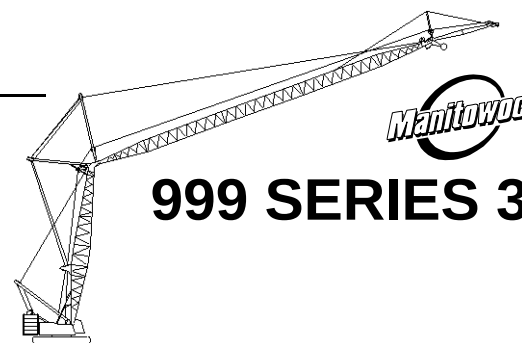
80 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.9	283.2	48,700*										65
70	73.4	281.7	47,400*										70
75	71.9	280.1	47,200*	72.8	280.8	53,700*							75
80	70.4	278.3	46,900*	71.3	279.1	51,300*							80
85	68.9	276.4	46,600*	69.8	277.3	49,000*							85
90	67.4	274.3	45,600*	68.2	275.3	47,000*	69.5	276.4	49,000*				90
95	65.8	272.1	43,800*	66.7	273.1	45,100*	68.0	274.4	47,000*				95
100	64.3	269.7	42,200*	65.1	270.8	43,300*	66.4	272.2	45,100*				100
105	62.7	267.2	40,600*	63.6	268.4	41,700*	64.9	269.9	43,300*	66.2	271.1	44,900*	105
110	61.1	264.4	39,000*	62.0	265.7	40,200*	63.3	267.4	41,700*	64.6	268.8	42,100	110
115	59.4	261.5	37,300*	60.4	262.9	38,800*	61.7	264.8	40,200*	63.0	266.2	39,400	115
120	57.8	258.4	35,600*	58.7	259.9	37,200*	60.1	261.9	38,500	61.4	263.5	37,000	120
125	56.1	255.0	33,700*	57.0	256.7	35,500*	58.4	258.9	36,200	59.8	260.6	34,700	125
130	54.3	251.5	31,900*	55.3	253.3	33,300*	56.7	255.6	34,000	58.1	257.6	32,600	130
135	52.6	247.7	30,100*	53.6	249.6	31,300*	55.0	252.1	32,100	56.4	254.3	30,700	135
140	50.7	243.6	28,400*	51.8	245.7	29,400*	53.3	248.4	30,300	54.7	250.8	29,000	140
145	48.9	239.3	26,800*	49.9	241.5	27,700*	51.5	244.5	28,600	52.9	247.0	27,300	145
150	47.0	234.7	25,200*	48.0	237.1	26,100*	49.6	240.3	27,000	51.1	243.0	25,800	150
155	45.0	229.8	23,800*	46.1	232.3	24,600*	47.7	235.8	25,600	49.3	238.8	24,400	155
160	42.9	224.5	22,500*	44.1	227.2	23,200*	45.8	231.0	24,200	47.4	234.2	23,100	160
165	40.8	218.8	21,200*	42.0	221.8	21,900*	43.7	225.8	23,000	45.4	229.4	21,900	165
170	38.5	212.6	20,100*	39.8	215.9	20,700*	41.6	220.3	21,700*	43.4	224.2	20,700	170
175	36.2	205.9	19,000*	37.5	209.5	19,600*	39.4	214.3	20,500*	41.2	218.5	19,600	175
180	33.7	198.6	18,000*	35.1	202.5	18,500*	37.1	207.8	19,400*	39.0	212.5	18,600	180
185	31.0	190.5	17,000*	32.5	194.9	17,500*	34.6	200.8	18,300*	36.7	205.9	17,600	185
190	28.0	181.4	16,100*	29.7	186.4	16,600*	32.0	193.0	17,300*	34.2	198.7	16,700	190
195	24.8	171.1	15,200*	26.6	176.8	15,700*	29.2	184.3	16,400*	31.6	190.8	15,800	195
200	21.1	158.9	14,400*	23.2	165.7	14,900*	26.1	174.5	15,500*	28.7	182.0	15,000	200
205	16.5	143.7	13,100*	19.2	152.4	14,100*	22.6	163.1	14,700*	25.5	171.9	14,200	205
210	10.1	121.5	10,300*	14.1	135.0	12,600*	18.4	149.3	13,900*	21.9	160.2	13,400	210
215				4.9	103.0	9,000*	13.0	130.8	13,000*	17.6	145.8	12,700	215
220										11.8	125.9	11,900	220

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
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999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.2	292.1	43,300*										70
75	72.8	290.6	43,000*										75
80	71.4	288.9	42,700*	72.2	289.7	49,500*							80
85	70.0	287.1	42,500*	70.8	287.9	47,600*							85
90	68.5	285.2	42,100*	69.3	286.1	45,600*							90
95	67.0	283.1	41,800*	67.9	284.0	43,700*	69.1	285.2	45,500*				95
100	65.6	280.8	40,700*	66.4	281.9	42,000*	67.6	283.2	43,700*				100
105	64.1	278.4	38,800*	64.9	279.5	40,300*	66.1	281.0	42,000*				105
110	62.6	275.8	37,100*	63.4	277.1	38,500*	64.7	278.6	40,500*	65.9	279.8	41,500	110
115	61.0	273.1	35,600*	61.9	274.4	36,900*	63.2	276.1	38,800*	64.4	277.4	38,800	115
120	59.5	270.1	34,100*	60.3	271.6	35,400*	61.6	273.4	37,200*	62.9	274.9	36,300	120
125	57.9	267.0	32,700*	58.8	268.6	33,900*	60.1	270.6	35,600	61.4	272.2	34,100	125
130	56.3	263.7	31,400*	57.2	265.4	32,600*	58.5	267.5	33,400	59.8	269.3	32,000	130
135	54.6	260.2	29,700*	55.5	262.0	30,700*	56.9	264.3	31,500	58.2	266.2	30,100	135
140	52.9	256.5	27,900*	53.9	258.3	28,900*	55.3	260.9	29,700	56.6	263.0	28,400	140
145	51.2	252.5	26,200*	52.2	254.5	27,100*	53.6	257.2	28,000	55.0	259.5	26,700	145
150	49.4	248.2	24,700*	50.4	250.4	25,500*	51.9	253.3	26,400	53.3	255.8	25,200	150
155	47.6	243.7	23,300*	48.7	246.1	24,000*	50.1	249.2	25,000	51.6	251.9	23,800	155
160	45.8	238.9	21,900*	46.8	241.4	22,700*	48.3	244.8	23,600	49.8	247.7	22,500	160
165	43.8	233.8	20,700*	44.9	236.5	21,400*	46.5	240.1	22,400*	48.0	243.2	21,300	165
170	41.8	228.3	19,500*	43.0	231.2	20,200*	44.6	235.1	21,200*	46.2	238.5	20,100	170
175	39.7	222.4	18,400*	40.9	225.5	19,000*	42.6	229.7	20,000*	44.3	233.4	19,000	175
180	37.6	216.0	17,400*	38.8	219.4	18,000*	40.6	224.0	18,800*	42.3	228.0	18,000	180
185	35.3	209.1	16,500*	36.6	212.8	17,000*	38.4	217.8	17,800*	40.2	222.2	17,000	185
190	32.8	201.5	15,500*	34.2	205.6	16,000*	36.2	211.1	16,800*	38.0	215.9	16,100	190
195	30.2	193.1	14,700*	31.7	197.7	15,100*	33.8	203.8	15,900*	35.8	209.1	15,200	195
200	27.3	183.8	13,900*	29.0	188.9	14,300*	31.2	195.7	15,000*	33.4	201.7	14,400	200
205	24.2	173.2	13,100*	26.0	179.1	13,500*	28.5	186.8	14,100*	30.8	193.5	13,600	205
210	20.5	160.7	12,400*	22.6	167.7	12,700*	25.5	176.7	13,300*	28.0	184.4	12,900	210
215	16.1	145.0	11,100*	18.7	154.0	12,000*	22.0	165.1	12,600*	24.9	174.1	12,100	215
220	9.9	122.3	8,500*	13.7	136.2	10,600*	18.0	150.9	11,900*	21.4	162.1	11,400	220
225				4.8	103.3	7,300*	12.7	131.9	11,100*	17.2	147.3	10,800	225
230										11.5	126.8	10,100	230

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

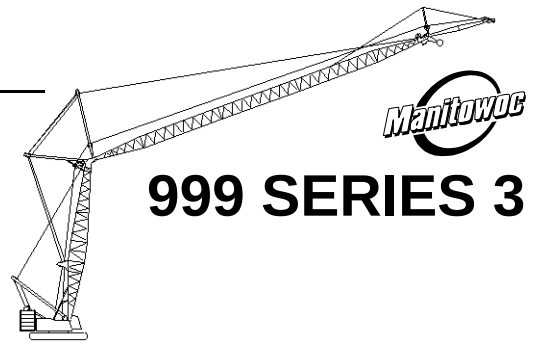
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

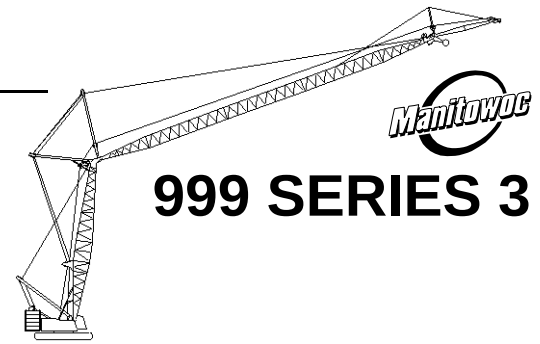
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999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.9	302.5	39,700*										70
75	73.6	301.1	39,400*										75
80	72.3	299.5	39,000*										80
85	70.9	297.8	38,700*	71.7	298.5	44,900*							85
90	69.5	295.9	38,400*	70.3	296.7	44,600*							90
95	68.1	293.9	38,100*	68.9	294.8	43,700*							95
100	66.7	291.8	37,800*	67.5	292.8	42,200*	68.7	294.0	43,600*				100
105	65.3	289.5	37,500*	66.1	290.6	40,900*	67.3	291.9	42,400*				105
110	63.9	287.1	37,000*	64.7	288.2	39,600*	65.9	289.7	41,000*				110
115	62.4	284.5	35,400*	63.3	285.7	38,400*	64.5	287.3	39,800*	65.6	288.5	38,400	115
120	61.0	281.7	33,800*	61.8	283.1	36,700*	63.0	284.8	37,500	64.2	286.1	36,000	120
125	59.5	278.8	32,200*	60.3	280.2	34,600*	61.6	282.1	35,200	62.8	283.6	33,700	125
130	58.0	275.7	30,700*	58.8	277.2	32,400*	60.1	279.2	33,100	61.3	280.9	31,700	130
135	56.4	272.4	29,300*	57.3	274.0	30,400*	58.6	276.2	31,100	59.8	278.0	29,800	135
140	54.9	268.9	27,500*	55.7	270.7	28,500*	57.0	273.0	29,300	58.3	274.9	28,000	140
145	53.3	265.2	25,900*	54.2	267.1	26,800*	55.5	269.6	27,600	56.8	271.7	26,400	145
150	51.6	261.3	24,300*	52.5	263.3	25,200*	53.9	265.9	26,100	55.2	268.2	24,900	150
155	50.0	257.1	22,900*	50.9	259.3	23,700*	52.3	262.1	24,600	53.6	264.6	23,500	155
160	48.2	252.7	21,600*	49.2	255.0	22,300*	50.6	258.0	23,300	52.0	260.7	22,100	160
165	46.5	248.0	20,300*	47.5	250.5	21,000*	48.9	253.7	22,000	50.3	256.6	20,900	165
170	44.7	243.0	19,200*	45.7	245.6	19,800*	47.2	249.1	20,800*	48.6	252.2	19,800	170
175	42.8	237.7	18,100*	43.8	240.5	18,700*	45.4	244.3	19,600*	46.9	247.6	18,700	175
180	40.8	232.0	17,100*	41.9	235.0	17,600*	43.5	239.1	18,500*	45.1	242.6	17,700	180
185	38.8	225.9	16,100*	39.9	229.1	16,600*	41.6	233.5	17,500*	43.2	237.4	16,700	185
190	36.7	219.3	15,200*	37.9	222.8	15,700*	39.6	227.6	16,500*	41.3	231.8	15,800	190
195	34.4	212.1	14,300*	35.7	216.0	14,800*	37.5	221.2	15,500*	39.2	225.7	14,900	195
200	32.0	204.3	13,500*	33.4	208.5	14,000*	35.3	214.2	14,600*	37.1	219.3	14,100	200
205	29.5	195.8	12,700*	30.9	200.4	13,200*	33.0	206.7	13,800*	34.9	212.2	13,300	205
210	26.7	186.2	12,000*	28.3	191.4	12,400*	30.5	198.5	13,000*	32.6	204.6	12,500	210
215	23.6	175.2	11,300*	25.4	181.3	11,700*	27.8	189.3	12,300*	30.0	196.2	11,800	215
220	20.1	162.4	10,700*	22.1	169.6	11,000*	24.9	178.9	11,500*	27.3	186.8	11,100	220
225	15.8	146.4	9,400*	18.3	155.6	10,300*	21.5	166.9	10,900*	24.3	176.2	10,500	225
230	9.6	123.1	7,000*	13.4	137.3	9,000*	17.6	152.4	10,200*	20.9	163.9	9,900	230
235				4.7	103.7	5,900*	12.4	132.9	9,500*	16.8	148.7	9,200	235
240										11.2	127.8	8,600	240



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Boom No. 82
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80,000 Lb. Carbody Counterweight
360 Degree Rating

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999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.3	311.5	36,000*										75
80	73.0	310.0	35,700*										80
85	71.7	308.4	35,400*	72.5	309.1	40,900*							85
90	70.4	306.6	35,100*	71.2	307.4	40,600*							90
95	69.1	304.7	34,700*	69.9	305.6	40,300*							95
100	67.8	302.7	34,400*	68.5	303.6	40,000*	69.6	304.7	39,600*				100
105	66.5	300.5	34,100*	67.2	301.5	38,700*	68.3	302.7	39,300*				105
110	65.1	298.2	33,800*	65.9	299.3	37,400*	67.0	300.6	38,800*				110
115	63.7	295.8	33,400*	64.5	296.9	36,300*	65.6	298.4	37,600*	66.7	299.5	37,800	115
120	62.3	293.2	32,600*	63.1	294.4	35,200*	64.3	296.0	36,400*	65.4	297.2	35,300	120
125	60.9	290.4	31,200*	61.7	291.7	34,000*	62.9	293.4	34,600	64.0	294.8	33,100	125
130	59.5	287.5	29,900*	60.3	288.9	31,900*	61.5	290.7	32,500	62.6	292.2	31,000	130
135	58.1	284.4	28,600*	58.9	285.9	29,900*	60.1	287.9	30,500	61.2	289.5	29,100	135
140	56.6	281.1	27,000*	57.4	282.7	28,000*	58.6	284.9	28,700	59.8	286.6	27,400	140
145	55.1	277.6	25,300*	55.9	279.4	26,300*	57.2	281.7	27,100	58.4	283.6	25,800	145
150	53.6	274.0	23,800*	54.4	275.8	24,600*	55.7	278.3	25,500	56.9	280.3	24,300	150
155	52.0	270.1	22,400*	52.9	272.1	23,200*	54.2	274.7	24,100	55.4	276.9	22,900	155
160	50.4	266.0	21,100*	51.3	268.1	21,800*	52.6	270.9	22,700	53.9	273.3	21,500	160
165	48.8	261.7	19,800*	49.7	263.9	20,500*	51.0	266.9	21,400	52.3	269.5	20,300	165
170	47.1	257.1	18,600*	48.1	259.5	19,300*	49.4	262.7	20,300*	50.8	265.4	19,200	170
175	45.4	252.2	17,600*	46.4	254.7	18,200*	47.8	258.2	19,100*	49.1	261.1	18,100	175
180	43.6	247.0	16,500*	44.6	249.7	17,100*	46.1	253.4	18,000*	47.5	256.6	17,100	180
185	41.8	241.5	15,600*	42.8	244.4	16,100*	44.3	248.3	16,900*	45.8	251.8	16,100	185
190	39.9	235.6	14,700*	41.0	238.7	15,200*	42.5	243.0	15,900*	44.0	246.7	15,200	190
195	37.9	229.3	13,800*	39.0	232.6	14,300*	40.6	237.2	15,000*	42.2	241.2	14,300	195
200	35.8	222.5	13,000*	37.0	226.1	13,400*	38.7	231.1	14,100*	40.3	235.4	13,500	200
205	33.6	215.1	12,200*	34.9	219.1	12,600*	36.7	224.5	13,300*	38.3	229.2	12,700	205
210	31.3	207.1	11,500*	32.6	211.5	11,900*	34.5	217.3	12,500*	36.3	222.5	12,000	210
215	28.8	198.3	10,800*	30.2	203.1	11,100*	32.2	209.6	11,700*	34.1	215.3	11,300	215
220	26.1	188.5	10,100*	27.6	193.9	10,500*	29.8	201.1	11,000*	31.8	207.4	10,600	220
225	23.1	177.3	9,500*	24.8	183.5	9,800*	27.2	191.7	10,300*	29.4	198.8	9,900	225
230	19.6	164.1	8,900*	21.6	171.5	9,200*	24.3	181.1	9,700*	26.7	189.2	9,300	230
235	15.4	147.7	7,700*	17.9	157.1	8,600*	21.0	168.8	9,100*	23.8	178.3	8,700	235
240	9.4	123.9	5,500*	13.1	138.4	7,300*	17.2	153.9	8,500*	20.4	165.6	8,100	240
245				4.5	104.0	4,400*	12.1	133.9	7,800*	16.4	150.1	7,600	245
250										11.0	128.7	7,000	250

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

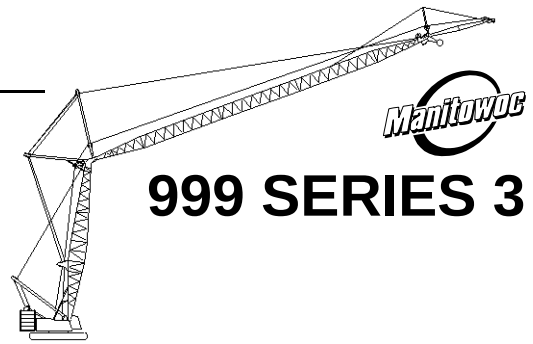
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

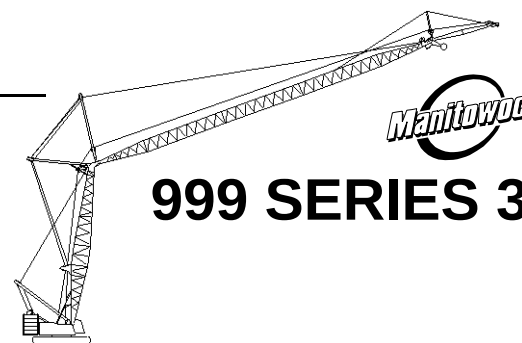
80 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.0	321.9	33,000*										75
80	73.8	320.5	32,700*										80
85	72.5	318.9	32,300*										85
90	71.3	317.2	32,000*	72.0	317.9	37,100*							90
95	70.0	315.4	31,700*	70.7	316.2	36,800*							95
100	68.8	313.5	31,400*	69.5	314.3	36,400*							100
105	67.5	311.4	31,100*	68.2	312.4	36,100*	69.3	313.5	35,900*				105
110	66.2	309.2	30,700*	66.9	310.2	35,000*	68.0	311.5	35,600*				110
115	64.9	306.9	30,400*	65.6	308.0	33,900*	66.7	309.4	35,100*				115
120	63.6	304.4	30,100*	64.3	305.6	32,900*	65.4	307.1	34,000*	66.5	308.2	34,300*	120
125	62.2	301.8	29,800*	63.0	303.1	31,900*	64.1	304.7	33,000*	65.2	305.9	32,600	125
130	60.9	299.1	28,900*	61.7	300.4	30,800*	62.8	302.1	32,000*	63.9	303.5	30,500	130
135	59.5	296.1	27,700*	60.3	297.6	29,400*	61.4	299.4	30,000	62.5	300.9	28,600	135
140	58.1	293.0	26,500*	58.9	294.6	27,500*	60.1	296.5	28,200	61.2	298.2	26,900	140
145	56.7	289.8	24,900*	57.5	291.4	25,800*	58.7	293.5	26,600	59.8	295.3	25,300	145
150	55.3	286.4	23,300*	56.1	288.1	24,200*	57.3	290.3	25,000	58.4	292.2	23,700	150
155	53.8	282.7	21,900*	54.7	284.5	22,700*	55.9	287.0	23,600	57.0	289.0	22,300	155
160	52.4	278.9	20,600*	53.2	280.8	21,300*	54.4	283.4	22,200	55.6	285.6	21,000	160
165	50.8	274.9	19,300*	51.7	276.9	20,000*	52.9	279.7	20,900	54.2	282.0	19,800	165
170	49.3	270.6	18,200*	50.2	272.8	18,800*	51.4	275.7	19,800*	52.7	278.3	18,700	170
175	47.7	266.1	17,100*	48.6	268.4	17,700*	49.9	271.5	18,600*	51.2	274.3	17,600	175
180	46.1	261.3	16,000*	47.0	263.8	16,600*	48.3	267.1	17,500*	49.6	270.1	16,600	180
185	44.4	256.3	15,100*	45.3	258.9	15,600*	46.7	262.5	16,400*	48.0	265.6	15,600	185
190	42.7	250.9	14,200*	43.6	253.7	14,700*	45.1	257.5	15,400*	46.4	260.9	14,700	190
195	40.9	245.2	13,300*	41.9	248.2	13,800*	43.3	252.3	14,500*	44.8	255.9	13,800	195
200	39.0	239.2	12,500*	40.1	242.4	12,900*	41.6	246.7	13,600*	43.0	250.6	13,000	200
205	37.1	232.6	11,700*	38.2	236.1	12,100*	39.7	240.8	12,800*	41.3	245.0	12,200	205
210	35.1	225.6	11,000*	36.2	229.4	11,400*	37.8	234.5	12,000*	39.4	239.0	11,500	210
215	32.9	218.1	10,300*	34.1	222.1	10,700*	35.9	227.7	11,200*	37.5	232.6	10,800	215
220	30.6	209.8	9,600*	31.9	214.3	10,000*	33.8	220.4	10,500*	35.5	225.7	10,100	220
225	28.2	200.8	9,000*	29.6	205.7	9,300*	31.5	212.4	9,800*	33.4	218.3	9,500	225
230	25.5	190.7	8,400*	27.0	196.2	8,700*	29.2	203.7	9,200*	31.1	210.2	8,800	230
235	22.6	179.2	7,800*	24.3	185.6	8,100*	26.6	194.0	8,600*	28.7	201.3	8,200	235
240	19.2	165.8	7,200*	21.1	173.3	7,500*	23.8	183.1	8,000*	26.1	191.5	7,700	240
245	15.1	149.0	6,100*	17.5	158.6	7,000*	20.6	170.5	7,400*	23.2	180.3	7,100	245
250	9.2	124.7	4,000*	12.8	139.5	5,800*	16.8	155.3	6,900*	20.0	167.4	6,600	250
255							11.8	134.9	6,200*	16.0	151.5	6,100	255
260										10.7	129.6	5,500	260

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.7	292.0	40,500*										70
75	73.2	290.5	40,300*										75
80	71.8	288.8	40,100*	72.6	289.6	44,000*							80
85	70.4	287.0	39,900*	71.2	287.8	42,000*							85
90	68.9	285.1	38,600*	69.8	285.9	39,900*							90
95	67.5	283.0	36,800*	68.3	283.9	38,100*	69.5	285.1	40,000*				95
100	66.0	280.7	35,100*	66.8	281.8	36,400*	68.1	283.1	38,200*				100
105	64.5	278.3	33,600*	65.3	279.4	34,800*	66.6	280.9	36,500*				105
110	63.0	275.7	32,200*	63.8	276.9	33,300*	65.1	278.5	34,900*	66.3	279.7	36,500*	110
115	61.5	273.0	30,800*	62.3	274.3	31,900*	63.6	276.0	33,500*	64.8	277.3	34,900*	115
120	59.9	270.0	29,600*	60.8	271.5	30,600*	62.1	273.3	32,100*	63.3	274.8	33,500*	120
125	58.3	266.9	28,400*	59.2	268.5	29,400*	60.5	270.4	30,800*	61.8	272.1	32,200*	125
130	56.7	263.6	27,300*	57.6	265.2	28,200*	58.9	267.4	29,600*	60.2	269.2	30,900*	130
135	55.0	260.1	26,300*	56.0	261.8	27,200*	57.3	264.2	28,500*	58.7	266.1	29,700*	135
140	53.4	256.3	25,300*	54.3	258.2	26,200*	55.7	260.7	27,400*	57.0	262.8	28,600*	140
145	51.6	252.4	24,400*	52.6	254.4	25,200*	54.0	257.1	26,400*	55.4	259.4	27,600*	145
150	49.9	248.1	23,600*	50.9	250.3	24,300*	52.3	253.2	25,500*	53.7	255.7	26,100	150
155	48.1	243.6	22,800*	49.1	245.9	23,500*	50.6	249.1	24,600*	52.0	251.7	24,700	155
160	46.2	238.8	22,000*	47.2	241.3	22,700*	48.8	244.6	23,800*	50.3	247.6	23,300	160
165	44.3	233.6	21,000*	45.3	236.3	22,000*	46.9	240.0	23,000*	48.5	243.1	22,100	165
170	42.3	228.1	19,900*	43.4	231.0	21,000*	45.0	234.9	22,000*	46.6	238.4	20,900	170
175	40.2	222.2	18,800*	41.3	225.3	19,900*	43.0	229.6	20,800*	44.7	233.3	19,800	175
180	38.0	215.8	17,900*	39.2	219.2	18,800*	41.0	223.8	19,700*	42.7	227.9	18,800	180
185	35.7	208.9	17,000*	37.0	212.6	17,800*	38.8	217.6	18,600*	40.6	222.0	17,800	185
190	33.2	201.3	16,100*	34.6	205.4	16,800*	36.6	210.9	17,600*	38.5	215.7	16,900	190
195	30.6	192.9	15,400*	32.1	197.5	15,900*	34.2	203.6	16,700*	36.2	208.9	16,000	195
200	27.7	183.6	14,700*	29.4	188.7	15,100*	31.6	195.6	15,800*	33.8	201.5	15,200	200
205	24.6	172.9	13,900*	26.4	178.8	14,300*	28.9	186.6	14,900*	31.2	193.3	14,400	205
210	20.9	160.4	13,100*	23.0	167.4	13,500*	25.8	176.5	14,100*	28.4	184.2	13,600	210
215	16.5	144.7	11,900*	19.1	153.7	12,800*	22.4	164.8	13,400*	25.3	173.9	12,900	215
220	10.2	121.7	9,300*	14.1	135.7	11,400*	18.3	150.5	12,600*	21.8	161.8	12,200	220
225				4.8	101.9	8,000*	13.0	131.4	11,900*	17.5	146.9	11,500	225
230										11.8	126.3	10,900	230

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

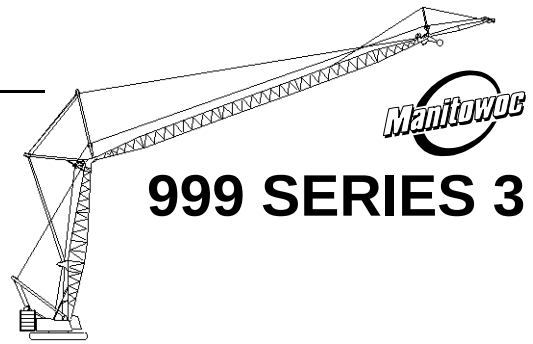
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.0	301.0	37,400*										75
80	72.7	299.4	37,100*										80
85	71.3	297.7	36,900*	72.1	298.4	40,100*							85
90	69.9	295.8	36,700*	70.7	296.6	38,200*							90
95	68.6	293.8	35,100*	69.3	294.7	36,400*							95
100	67.2	291.7	33,600*	67.9	292.7	34,700*	69.1	293.9	36,400*				100
105	65.7	289.4	32,100*	66.5	290.5	33,200*	67.7	291.8	34,800*				105
110	64.3	287.0	30,800*	65.1	288.1	31,800*	66.3	289.6	33,300*				110
115	62.9	284.4	29,500*	63.7	285.6	30,500*	64.9	287.2	31,900*	66.0	288.4	33,300*	115
120	61.4	281.6	28,300*	62.2	283.0	29,300*	63.4	284.7	30,600*	64.6	286.0	31,900*	120
125	59.9	278.7	27,200*	60.7	280.1	28,100*	62.0	282.0	29,400*	63.2	283.5	30,700*	125
130	58.4	275.6	26,100*	59.2	277.1	27,000*	60.5	279.1	28,300*	61.7	280.7	29,500*	130
135	56.8	272.3	25,100*	57.7	273.9	26,000*	59.0	276.1	27,200*	60.2	277.9	28,400*	135
140	55.3	268.8	24,200*	56.2	270.5	25,000*	57.4	272.9	26,200*	58.7	274.8	27,300*	140
145	53.7	265.1	23,400*	54.6	267.0	24,100*	55.9	269.4	25,300*	57.2	271.5	26,300*	145
150	52.0	261.2	22,600*	53.0	263.2	23,300*	54.3	265.8	24,400*	55.6	268.1	25,400*	150
155	50.4	257.0	21,800*	51.3	259.1	22,500*	52.7	262.0	23,500*	54.0	264.4	24,000	155
160	48.6	252.6	21,100*	49.6	254.9	21,700*	51.0	257.9	22,700*	52.4	260.6	22,700	160
165	46.9	247.9	20,400*	47.9	250.3	21,000*	49.3	253.6	22,000*	50.7	256.4	21,500	165
170	45.1	242.9	19,800*	46.1	245.5	20,400*	47.6	249.0	21,300*	49.0	252.1	20,300	170
175	43.2	237.6	18,700*	44.2	240.3	19,300*	45.8	244.1	20,200*	47.3	247.4	19,200	175
180	41.2	231.8	17,700*	42.3	234.8	18,200*	43.9	238.9	19,100*	45.5	242.5	18,200	180
185	39.2	225.7	16,700*	40.3	229.0	17,200*	42.0	233.4	18,100*	43.6	237.2	17,200	185
190	37.1	219.1	15,800*	38.3	222.6	16,300*	40.0	227.4	17,100*	41.7	231.6	16,300	190
195	34.8	212.0	14,900*	36.1	215.8	15,400*	37.9	221.0	16,100*	39.6	225.6	15,400	195
200	32.4	204.2	14,100*	33.8	208.4	14,500*	35.7	214.1	15,200*	37.5	219.1	14,600	200
205	29.9	195.5	13,300*	31.3	200.2	13,700*	33.4	206.5	14,400*	35.3	212.1	13,800	205
210	27.1	185.9	12,600*	28.7	191.2	13,000*	30.9	198.3	13,600*	33.0	204.4	13,100	210
215	24.0	175.0	11,900*	25.8	181.0	12,200*	28.2	189.1	12,800*	30.4	196.0	12,400	215
220	20.4	162.1	11,200*	22.5	169.3	11,600*	25.2	178.7	12,100*	27.7	186.6	11,700	220
225	16.1	146.0	10,000*	18.6	155.3	10,900*	21.9	166.6	11,400*	24.7	176.0	11,000	225
230	9.9	122.5	7,600*	13.7	136.8	9,600*	17.9	152.0	10,800*	21.2	163.6	10,400	230
235				4.7	102.2	6,400*	12.7	132.4	10,000*	17.1	148.4	9,700	235
240										11.5	127.2	9,100	240



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.7	311.4	34,500*										75
80	73.4	309.9	34,300*										80
85	72.2	308.3	34,100*	72.9	309.0	39,400*							85
90	70.8	306.5	33,800*	71.6	307.3	39,100*							90
95	69.5	304.6	33,600*	70.3	305.4	37,300*							95
100	68.2	302.6	33,300*	68.9	303.5	35,700*							100
105	66.9	300.4	33,100*	67.6	301.4	34,200*	68.7	302.6	35,800*				105
110	65.5	298.1	31,800*	66.3	299.2	32,800*	67.4	300.5	34,300*				110
115	64.1	295.6	30,500*	64.9	296.8	31,500*	66.0	298.3	33,000*				115
120	62.7	293.0	29,300*	63.5	294.3	30,300*	64.7	295.9	31,700*	65.8	297.1	33,000*	120
125	61.3	290.3	28,200*	62.1	291.6	29,200*	63.3	293.3	30,500*	64.4	294.7	31,700*	125
130	59.9	287.4	27,200*	60.7	288.8	28,100*	61.9	290.6	29,400*	63.0	292.1	30,600*	130
135	58.5	284.3	26,200*	59.3	285.8	27,100*	60.5	287.8	28,300*	61.6	289.4	29,500*	135
140	57.0	281.0	25,300*	57.8	282.6	26,100*	59.0	284.7	27,300*	60.2	286.5	28,200	140
145	55.5	277.5	24,400*	56.3	279.2	25,200*	57.6	281.5	26,400*	58.8	283.5	26,600	145
150	54.0	273.9	23,600*	54.8	275.7	24,400*	56.1	278.1	25,500*	57.3	280.2	25,100	150
155	52.4	270.0	22,800*	53.3	271.9	23,600*	54.6	274.6	24,600*	55.8	276.8	23,700	155
160	50.8	265.9	21,900*	51.7	268.0	22,600*	53.0	270.8	23,500	54.3	273.2	22,400	160
165	49.2	261.5	20,600*	50.1	263.8	21,300*	51.4	266.8	22,300	52.7	269.4	21,100	165
170	47.5	256.9	19,500*	48.4	259.3	20,100*	49.8	262.5	21,100*	51.2	265.3	20,000	170
175	45.8	252.1	18,400*	46.8	254.6	19,000*	48.2	258.0	19,900*	49.5	261.0	18,900	175
180	44.0	246.9	17,300*	45.0	249.6	17,900*	46.5	253.3	18,800*	47.9	256.5	17,900	180
185	42.2	241.4	16,400*	43.2	244.3	16,900*	44.7	248.2	17,700*	46.2	251.7	16,900	185
190	40.3	235.5	15,400*	41.3	238.6	15,900*	42.9	242.8	16,700*	44.4	246.5	16,000	190
195	38.3	229.1	14,600*	39.4	232.5	15,000*	41.0	237.1	15,800*	42.6	241.1	15,100	195
200	36.2	222.3	13,800*	37.4	226.0	14,200*	39.1	230.9	14,900*	40.7	235.3	14,300	200
205	34.0	215.0	13,000*	35.3	218.9	13,400*	37.0	224.3	14,000*	38.7	229.0	13,500	205
210	31.7	206.9	12,200*	33.0	211.3	12,600*	34.9	217.2	13,200*	36.7	222.3	12,700	210
215	29.2	198.1	11,500*	30.6	202.9	11,900*	32.6	209.4	12,500*	34.5	215.1	12,000	215
220	26.5	188.2	10,900*	28.0	193.6	11,200*	30.2	200.9	11,800*	32.2	207.2	11,300	220
225	23.4	177.0	10,200*	25.2	183.2	10,600*	27.5	191.5	11,100*	29.7	198.6	10,700	225
230	20.0	163.8	9,600*	22.0	171.2	9,900*	24.7	180.8	10,400*	27.1	188.9	10,100	230
235	15.7	147.3	8,500*	18.2	156.8	9,300*	21.4	168.5	9,800*	24.1	178.0	9,500	235
240	9.7	123.3	6,200*	13.4	137.9	8,100*	17.5	153.5	9,200*	20.7	165.3	8,900	240
245				4.6	102.5	5,100*	12.4	133.4	8,500*	16.7	149.7	8,300	245
250										11.2	128.1	7,700	250

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

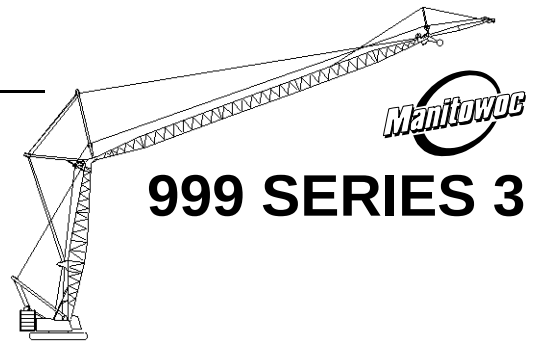
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

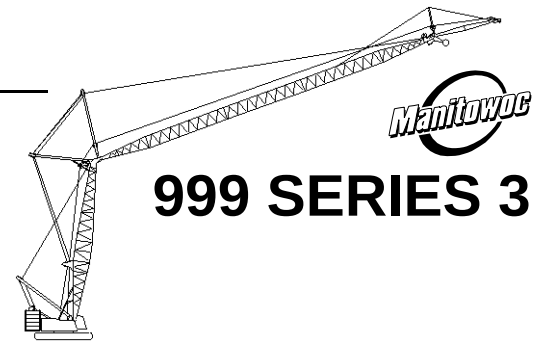
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.2	320.4	31,600*										80
85	72.9	318.8	31,400*										85
90	71.7	317.1	31,100*	72.4	317.8	36,000*							90
95	70.4	315.3	30,900*	71.1	316.1	35,800*							95
100	69.1	313.4	30,600*	69.9	314.2	34,400*							100
105	67.9	311.3	30,400*	68.6	312.3	32,900*	69.6	313.4	34,400*				105
110	66.6	309.1	30,100*	67.3	310.1	31,600*	68.4	311.4	33,000*				110
115	65.3	306.8	29,400*	66.0	307.9	30,300*	67.1	309.2	31,700*				115
120	64.0	304.3	28,300*	64.7	305.5	29,200*	65.8	307.0	30,500*	66.9	308.1	31,700*	120
125	62.6	301.7	27,200*	63.4	303.0	28,100*	64.5	304.6	29,300*	65.6	305.8	30,500*	125
130	61.3	298.9	26,200*	62.0	300.3	27,100*	63.1	302.0	28,300*	64.2	303.4	29,400*	130
135	59.9	296.0	25,300*	60.7	297.4	26,100*	61.8	299.3	27,200*	62.9	300.8	28,300*	135
140	58.5	292.9	24,400*	59.3	294.4	25,200*	60.4	296.4	26,300*	61.6	298.1	27,300*	140
145	57.1	289.7	23,500*	57.9	291.3	24,300*	59.1	293.4	25,400*	60.2	295.2	26,000*	145
150	55.7	286.2	22,800*	56.5	287.9	23,500*	57.7	290.2	24,500*	58.8	292.1	24,500	150
155	54.2	282.6	22,000*	55.0	284.4	22,700*	56.2	286.8	23,700*	57.4	288.9	23,100	155
160	52.7	278.8	21,300*	53.6	280.7	22,000*	54.8	283.3	22,900*	56.0	285.5	21,800	160
165	51.2	274.7	20,100*	52.1	276.8	20,800*	53.3	279.5	21,700	54.5	281.9	20,500	165
170	49.7	270.5	18,900*	50.5	272.7	19,600*	51.8	275.6	20,500	53.1	278.1	19,400	170
175	48.1	266.0	17,800*	49.0	268.3	18,400*	50.3	271.4	19,400*	51.5	274.1	18,300	175
180	46.4	261.2	16,800*	47.4	263.7	17,400*	48.7	267.0	18,200*	50.0	269.9	17,300	180
185	44.8	256.1	15,800*	45.7	258.8	16,400*	47.1	262.3	17,200*	48.4	265.5	16,300	185
190	43.0	250.8	14,900*	44.0	253.6	15,400*	45.4	257.4	16,200*	46.8	260.8	15,400	190
195	41.2	245.1	14,000*	42.2	248.1	14,500*	43.7	252.2	15,200*	45.1	255.8	14,500	195
200	39.4	239.0	13,200*	40.4	242.2	13,700*	41.9	246.6	14,400*	43.4	250.5	13,700	200
205	37.4	232.5	12,400*	38.5	235.9	12,900*	40.1	240.7	13,500*	41.6	244.8	12,900	205
210	35.4	225.5	11,700*	36.6	229.2	12,100*	38.2	234.3	12,700*	39.8	238.8	12,200	210
215	33.3	217.9	11,000*	34.5	222.0	11,400*	36.2	227.5	12,000*	37.9	232.4	11,500	215
220	31.0	209.6	10,300*	32.3	214.1	10,700*	34.1	220.2	11,200*	35.9	225.5	10,800	220
225	28.5	200.6	9,700*	29.9	205.5	10,000*	31.9	212.2	10,500*	33.7	218.1	10,100	225
230	25.9	190.5	9,100*	27.4	196.0	9,400*	29.5	203.5	9,900*	31.5	210.0	9,500	230
235	22.9	179.0	8,500*	24.6	185.3	8,800*	26.9	193.8	9,300*	29.1	201.1	8,900	235
240	19.5	165.4	7,900*	21.5	173.0	8,200*	24.1	182.9	8,700*	26.5	191.2	8,300	240
245	15.4	148.6	6,800*	17.8	158.3	7,700*	20.9	170.2	8,100*	23.6	180.1	7,800	245
250	9.4	124.0	4,700*	13.1	139.0	6,500*	17.1	154.9	7,500*	20.3	167.1	7,200	250
255							12.1	134.4	6,900*	16.3	151.1	6,700	255
260										11.0	129.0	6,200	260



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

80 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.8	330.8	29,200*										80
85	73.6	329.3	28,900*										85
90	72.4	327.7	28,700*										90
95	71.2	326.0	28,400*	71.9	326.7	32,900*							95
100	70.0	324.1	28,100*	70.7	324.9	32,600*							100
105	68.8	322.1	27,900*	69.5	323.0	31,300*							105
110	67.6	320.0	27,600*	68.3	321.0	30,000*	69.3	322.2	31,300*				110
115	66.3	317.8	27,400*	67.0	318.9	28,800*	68.0	320.1	30,100*				115
120	65.1	315.5	26,800*	65.8	316.6	27,700*	66.8	318.0	28,900*				120
125	63.8	313.0	25,800*	64.5	314.2	26,700*	65.6	315.7	27,800*	66.6	316.8	28,900*	125
130	62.5	310.4	24,900*	63.2	311.6	25,700*	64.3	313.2	26,800*	65.3	314.5	27,800*	130
135	61.2	307.6	24,000*	62.0	308.9	24,700*	63.0	310.7	25,800*	64.1	312.1	26,800*	135
140	59.9	304.7	23,100*	60.6	306.1	23,800*	61.7	307.9	24,900*	62.8	309.5	25,900*	140
145	58.6	301.6	22,300*	59.3	303.1	23,000*	60.4	305.1	24,000*	61.5	306.7	25,000*	145
150	57.2	298.4	21,600*	58.0	300.0	22,200*	59.1	302.1	23,200*	60.2	303.8	24,000	150
155	55.9	294.9	20,900*	56.6	296.6	21,500*	57.8	298.9	22,400*	58.9	300.8	22,600	155
160	54.5	291.3	20,200*	55.2	293.1	20,800*	56.4	295.5	21,700*	57.5	297.6	21,300	160
165	53.0	287.6	19,600*	53.8	289.5	20,200*	55.0	292.0	21,000*	56.2	294.2	20,000	165
170	51.6	283.6	18,400*	52.4	285.6	19,100*	53.6	288.3	20,000	54.8	290.6	18,900	170
175	50.1	279.4	17,300*	50.9	281.5	17,900*	52.2	284.4	18,900*	53.3	286.9	17,800	175
180	48.6	274.9	16,300*	49.4	277.2	16,900*	50.7	280.3	17,800*	51.9	283.0	16,800	180
185	47.0	270.3	15,300*	47.9	272.7	15,900*	49.2	276.0	16,700*	50.4	278.8	15,800	185
190	45.4	265.3	14,400*	46.3	267.9	14,900*	47.6	271.4	15,700*	48.9	274.4	14,900	190
195	43.8	260.1	13,500*	44.7	262.8	14,000*	46.1	266.5	14,800*	47.4	269.8	14,000	195
200	42.1	254.6	12,700*	43.1	257.5	13,200*	44.5	261.4	13,900*	45.8	264.9	13,200	200
205	40.4	248.7	11,900*	41.3	251.8	12,400*	42.8	256.0	13,000*	44.2	259.8	12,400	205
210	38.5	242.4	11,200*	39.6	245.8	11,600*	41.1	250.3	12,200*	42.5	254.3	11,700	210
215	36.7	235.7	10,500*	37.7	239.3	10,900*	39.3	244.2	11,500*	40.7	248.5	11,000	215
220	34.7	228.5	9,800*	35.8	232.4	10,200*	37.4	237.7	10,800*	38.9	242.3	10,300	220
225	32.6	220.8	9,200*	33.8	224.9	9,500*	35.4	230.7	10,100*	37.1	235.7	9,600	225
230	30.3	212.3	8,600*	31.6	216.9	8,900*	33.4	223.1	9,400*	35.1	228.6	9,000	230
235	27.9	203.0	8,000*	29.3	208.1	8,300*	31.2	214.9	8,800*	33.0	221.0	8,400	235
240	25.3	192.6	7,400*	26.8	198.3	7,700*	28.9	206.0	8,200*	30.8	212.7	7,900	240
245	22.4	180.9	6,900*	24.1	187.4	7,200*	26.4	196.1	7,600*	28.5	203.6	7,300	245
250	19.1	167.1	6,400*	21.0	174.8	6,700*	23.6	184.9	7,100*	25.9	193.5	6,800	250
255	15.0	149.8	5,300*	17.4	159.8	6,200*	20.5	172.0	6,500*	23.1	182.1	6,300	255
260				12.8	140.1	5,000*	16.7	156.3	6,000*	19.9	168.7	5,800	260
265							11.8	135.4	5,400*	16.0	152.4	5,300	265
270										10.8	129.9	4,800	270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

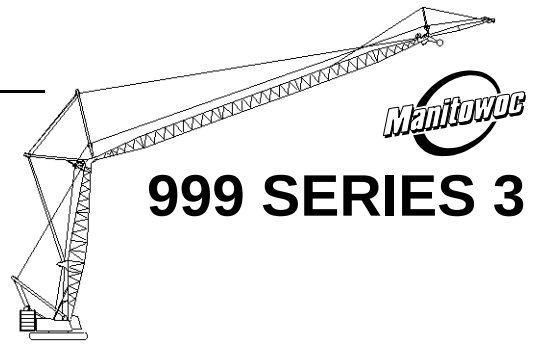
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

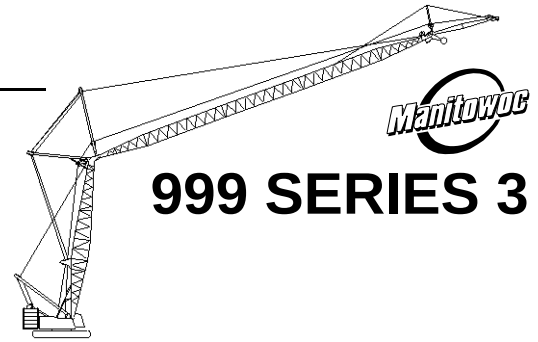
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.5	301.2	31,800*										75
80	73.2	299.7	31,600*										80
85	71.8	298.0	31,400*	72.6	298.7	34,300*							85
90	70.4	296.1	31,100*	71.2	296.9	33,900*							90
95	69.1	294.2	30,800*	69.8	295.1	33,500*							95
100	67.7	292.1	30,300*	68.4	293.0	33,100*	69.6	294.2	33,500*				100
105	66.3	289.8	30,000*	67.0	290.9	32,300*	68.2	292.2	33,100*				105
110	64.8	287.4	29,700*	65.6	288.5	30,800*	66.8	290.0	32,400*				110
115	63.4	284.8	28,500*	64.2	286.1	29,400*	65.4	287.6	30,900*	66.6	288.8	32,300*	115
120	61.9	282.1	27,300*	62.7	283.4	28,200*	63.9	285.1	29,600*	65.1	286.4	30,900*	120
125	60.4	279.2	26,100*	61.3	280.6	27,000*	62.5	282.4	28,300*	63.7	283.9	29,600*	125
130	58.9	276.1	25,100*	59.8	277.6	25,900*	61.0	279.6	27,200*	62.2	281.2	28,300*	130
135	57.4	272.9	24,100*	58.2	274.5	24,900*	59.5	276.6	26,100*	60.7	278.4	27,200*	135
140	55.8	269.4	23,100*	56.7	271.1	23,900*	58.0	273.4	25,100*	59.2	275.3	26,100*	140
145	54.2	265.8	22,300*	55.1	267.6	23,000*	56.4	270.0	24,100*	57.7	272.1	25,100*	145
150	52.6	261.9	21,400*	53.5	263.8	22,200*	54.8	266.5	23,200*	56.2	268.7	24,200*	150
155	50.9	257.8	20,700*	51.9	259.9	21,400*	53.2	262.7	22,300*	54.6	265.1	23,300*	155
160	49.2	253.4	20,000*	50.2	255.6	20,600*	51.6	258.6	21,600*	52.9	261.2	22,500*	160
165	47.5	248.7	19,300*	48.4	251.1	19,900*	49.9	254.4	20,800*	51.3	257.2	21,700*	165
170	45.6	243.8	18,600*	46.7	246.4	19,200*	48.1	249.8	20,100*	49.6	252.9	20,900*	170
175	43.8	238.5	18,000*	44.8	241.3	18,600*	46.4	245.0	19,400*	47.8	248.3	20,100	175
180	41.8	232.9	17,500*	42.9	235.8	18,000*	44.5	239.9	18,800*	46.0	243.4	19,000	180
185	39.8	226.8	16,900*	41.0	230.0	17,500*	42.6	234.4	18,200*	44.2	238.2	18,100	185
190	37.7	220.3	16,100*	38.9	223.8	16,900*	40.6	228.5	17,700*	42.3	232.6	17,100	190
195	35.5	213.3	15,300*	36.7	217.0	16,400*	38.5	222.2	17,100*	40.3	226.7	16,300	195
200	33.1	205.6	14,600*	34.5	209.7	15,600*	36.4	215.3	16,300*	38.2	220.3	15,400	200
205	30.6	197.1	13,900*	32.0	201.7	14,800*	34.1	207.9	15,400*	36.0	213.3	14,600	205
210	27.8	187.7	13,300*	29.4	192.9	14,000*	31.6	199.8	14,600*	33.6	205.8	13,900	210
215	24.8	177.0	12,700*	26.5	182.9	13,200*	28.9	190.8	13,800*	31.1	197.5	13,200	215
220	21.4	164.6	12,100*	23.3	171.6	12,500*	26.0	180.6	13,100*	28.5	188.3	12,500	220
225	17.2	149.2	11,200*	19.6	158.0	11,800*	22.8	168.9	12,400*	25.5	178.0	11,800	225
230	11.5	127.8	8,900*	15.0	140.6	10,800*	18.9	154.9	11,700*	22.1	165.9	11,200	230
235				7.6	112.4	8,000*	14.0	136.5	11,000*	18.2	151.4	10,500	235
240							5.1	102.4	8,000*	13.0	131.8	9,900	240



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	73.9	310.2	30,100*										80
85	72.6	308.5	29,900*										85
90	71.3	306.8	29,700*	72.1	307.6	33,700*							90
95	70.0	304.9	29,500*	70.7	305.8	33,400*							95
100	68.7	302.9	29,300*	69.4	303.8	32,500*							100
105	67.3	300.8	29,000*	68.1	301.8	30,900*	69.2	303.0	32,500*				105
110	66.0	298.5	28,500*	66.7	299.6	29,500*	67.9	300.9	31,000*				110
115	64.6	296.1	27,300*	65.4	297.2	28,200*	66.5	298.7	29,600*				115
120	63.2	293.5	26,100*	64.0	294.7	27,000*	65.2	296.3	28,300*	66.3	297.5	29,500*	120
125	61.8	290.8	25,000*	62.6	292.1	25,900*	63.8	293.8	27,100*	64.9	295.1	28,300*	125
130	60.4	287.9	24,000*	61.2	289.3	24,800*	62.4	291.1	26,000*	63.5	292.6	27,100*	130
135	59.0	284.8	23,100*	59.8	286.3	23,900*	61.0	288.3	25,000*	62.1	289.9	26,000*	135
140	57.5	281.6	22,200*	58.3	283.2	22,900*	59.5	285.3	24,000*	60.7	287.0	25,000*	140
145	56.0	278.1	21,400*	56.8	279.8	22,000*	58.1	282.1	23,100*	59.3	284.0	24,100*	145
150	54.5	274.5	20,600*	55.3	276.3	21,200*	56.6	278.7	22,200*	57.8	280.8	23,200*	150
155	52.9	270.7	19,900*	53.8	272.6	20,500*	55.1	275.2	21,400*	56.3	277.4	22,300*	155
160	51.3	266.6	19,200*	52.2	268.7	19,800*	53.5	271.4	20,700*	54.8	273.8	21,500*	160
165	49.7	262.3	18,500*	50.6	264.5	19,100*	52.0	267.5	19,900*	53.3	270.0	20,800*	165
170	48.1	257.8	17,900*	49.0	260.1	18,500*	50.4	263.3	19,300*	51.7	266.0	20,000*	170
175	46.3	252.9	17,300*	47.3	255.4	17,900*	48.7	258.8	18,600*	50.1	261.8	19,400*	175
180	44.6	247.8	16,800*	45.6	250.5	17,300*	47.0	254.1	18,000*	48.4	257.3	18,400	180
185	42.8	242.4	16,300*	43.8	245.2	16,700*	45.3	249.1	17,500*	46.7	252.5	17,500	185
190	40.9	236.5	15,800*	41.9	239.6	16,200*	43.5	243.8	16,900*	45.0	247.5	16,500	190
195	38.9	230.3	15,300*	40.0	233.6	15,700*	41.6	238.1	16,400*	43.1	242.1	15,700	195
200	36.8	223.6	14,600*	38.0	227.1	15,000*	39.7	232.0	15,800*	41.3	236.3	14,800	200
205	34.7	216.3	13,800*	35.9	220.2	14,200*	37.6	225.5	14,900*	39.3	230.2	14,100	205
210	32.4	208.4	13,000*	33.7	212.7	13,400*	35.5	218.5	14,100*	37.3	223.6	13,300	210
215	29.9	199.7	12,300*	31.3	204.4	12,700*	33.3	210.8	13,300*	35.1	216.4	12,600	215
220	27.2	190.1	11,600*	28.7	195.4	12,000*	30.9	202.5	12,500*	32.9	208.7	11,900	220
225	24.2	179.1	10,900*	25.9	185.2	11,300*	28.3	193.2	11,800*	30.4	200.2	11,200	225
230	20.9	166.3	10,300*	22.8	173.5	10,600*	25.4	182.8	11,200*	27.8	190.7	10,600	230
235	16.8	150.6	9,400*	19.2	159.6	10,000*	22.2	170.8	10,500*	24.9	180.1	10,000	235
240	11.2	128.6	7,200*	14.6	141.8	9,000*	18.5	156.4	9,900*	21.6	167.8	9,400	240
245				7.4	112.9	6,400*	13.7	137.6	9,300*	17.7	152.8	8,800	245
250							5.0	102.7	6,500*	12.6	132.8	8,300	250

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

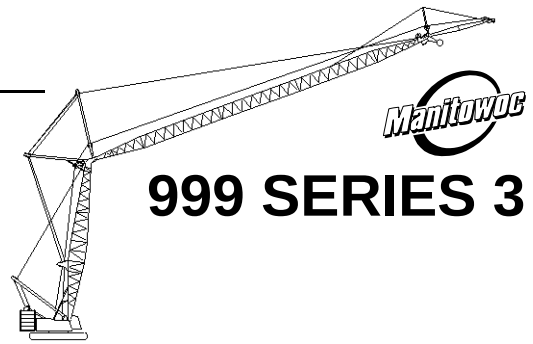
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

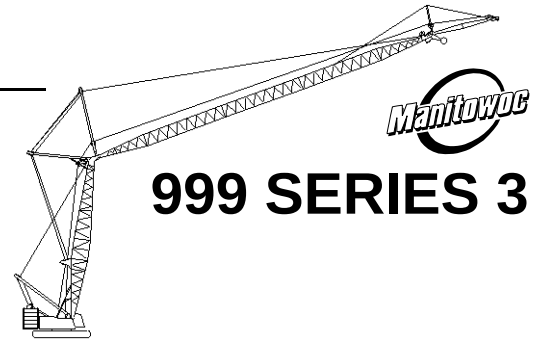
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.6	320.6	28,500*										80
85	73.4	319.1	28,300*										85
90	72.1	317.4	28,100*	72.8	318.1	32,400*							90
95	70.9	315.6	28,000*	71.6	316.4	32,200*							95
100	69.6	313.7	27,800*	70.3	314.6	32,100*							100
105	68.3	311.7	27,600*	69.0	312.6	31,800*							105
110	67.0	309.5	27,400*	67.8	310.5	30,400*	68.8	311.7	31,400*				110
115	65.7	307.2	27,200*	66.5	308.3	29,100*	67.5	309.6	30,500*				115
120	64.4	304.8	27,000*	65.2	305.9	27,900*	66.3	307.4	29,200*				120
125	63.1	302.2	26,000*	63.8	303.4	26,800*	64.9	305.0	28,000*	66.0	306.2	29,200*	125
130	61.8	299.4	24,900*	62.5	300.7	25,800*	63.6	302.4	26,900*	64.7	303.8	28,000*	130
135	60.4	296.5	24,000*	61.2	297.9	24,800*	62.3	299.8	25,900*	63.4	301.2	26,900*	135
140	59.0	293.5	23,100*	59.8	295.0	23,900*	60.9	296.9	24,900*	62.0	298.5	25,900*	140
145	57.6	290.2	22,300*	58.4	291.8	23,000*	59.5	293.9	24,000*	60.7	295.7	25,000*	145
150	56.2	286.8	21,500*	57.0	288.5	22,200*	58.1	290.8	23,200*	59.3	292.7	24,100*	150
155	54.7	283.2	20,700*	55.5	285.0	21,400*	56.7	287.4	22,300*	57.9	289.5	23,300*	155
160	53.2	279.5	20,000*	54.1	281.4	20,700*	55.3	283.9	21,600*	56.5	286.1	22,400*	160
165	51.7	275.5	19,400*	52.6	277.5	20,000*	53.8	280.2	20,900*	55.0	282.6	21,400	165
170	50.2	271.2	18,800*	51.0	273.4	19,300*	52.3	276.3	20,200*	53.6	278.8	20,200	170
175	48.6	266.8	18,200*	49.5	269.1	18,700*	50.8	272.2	19,500*	52.0	274.9	19,100	175
180	47.0	262.1	17,600*	47.9	264.5	18,200*	49.2	267.8	18,900*	50.5	270.7	18,100	180
185	45.3	257.1	16,900*	46.2	259.6	17,500*	47.6	263.2	18,100	48.9	266.3	17,100	185
190	43.6	251.7	16,000*	44.5	254.5	16,500*	46.0	258.3	17,200	47.3	261.6	16,200	190
195	41.8	246.1	15,100*	42.8	249.1	15,600*	44.3	253.1	16,300*	45.7	256.7	15,300	195
200	40.0	240.1	14,200*	41.0	243.3	14,700*	42.5	247.6	15,400*	44.0	251.4	14,500	200
205	38.0	233.7	13,400*	39.1	237.1	13,900*	40.7	241.7	14,500*	42.2	245.9	13,700	205
210	36.0	226.7	12,700*	37.1	230.4	13,100*	38.8	235.5	13,700*	40.4	239.9	13,000	210
215	33.9	219.3	11,900*	35.1	223.3	12,300*	36.8	228.7	12,900*	38.4	233.6	12,200	215
220	31.6	211.2	11,200*	32.9	215.5	11,600*	34.7	221.5	12,200*	36.5	226.8	11,600	220
225	29.2	202.2	10,600*	30.6	207.1	10,900*	32.5	213.7	11,500*	34.4	219.4	10,900	225
230	26.6	192.3	10,000*	28.1	197.8	10,300*	30.2	205.1	10,800*	32.1	211.5	10,300	230
235	23.7	181.1	9,400*	25.4	187.3	9,700*	27.7	195.6	10,200*	29.8	202.7	9,700	235
240	20.4	168.0	8,800*	22.3	175.4	9,100*	24.9	184.9	9,600*	27.2	193.1	9,100	240
245	16.4	151.9	7,900*	18.7	161.2	8,500*	21.7	172.6	9,000*	24.3	182.2	8,500	245
250	11.0	129.5	5,900*	14.3	143.0	7,600*	18.1	157.9	8,400*	21.1	169.5	8,000	250
255				7.2	113.4	5,200*	13.4	138.7	7,900*	17.3	154.2	7,500	255
260							4.9	103.0	5,200*	12.4	133.8	6,900	260



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.1	329.5	26,600*										85
90	72.9	328.0	26,400*										90
95	71.7	326.2	26,300*	72.3	327.0	30,300*							95
100	70.5	324.4	26,100*	71.1	325.2	30,100*							100
105	69.2	322.5	25,900*	69.9	323.4	29,900*							105
110	68.0	320.4	25,800*	68.7	321.4	29,300*	69.7	322.5	29,500*				110
115	66.8	318.2	25,600*	67.5	319.2	28,100*	68.5	320.5	29,400*				115
120	65.5	315.9	25,400*	66.2	317.0	26,900*	67.3	318.3	28,100*				120
125	64.3	313.4	25,100*	65.0	314.6	25,800*	66.0	316.1	27,000*				125
130	63.0	310.8	24,100*	63.7	312.1	24,900*	64.7	313.7	26,000*	65.8	314.9	27,000*	130
135	61.7	308.1	23,200*	62.4	309.4	23,900*	63.5	311.1	25,000*	64.5	312.5	26,000*	135
140	60.4	305.2	22,300*	61.1	306.6	23,000*	62.2	308.4	24,100*	63.3	309.9	25,000*	140
145	59.0	302.1	21,500*	59.8	303.6	22,200*	60.9	305.6	23,200*	62.0	307.2	24,100*	145
150	57.7	298.9	20,800*	58.5	300.5	21,400*	59.6	302.6	22,400*	60.7	304.3	23,200*	150
155	56.3	295.5	20,000*	57.1	297.2	20,700*	58.2	299.4	21,600*	59.3	301.3	22,400*	155
160	54.9	292.0	19,400*	55.7	293.8	20,000*	56.9	296.1	20,800*	58.0	298.1	21,600*	160
165	53.5	288.2	18,700*	54.3	290.1	19,300*	55.5	292.6	20,100*	56.6	294.8	20,800*	165
170	52.1	284.3	18,100*	52.9	286.3	18,700*	54.1	289.0	19,500*	55.2	291.3	19,600*	170
175	50.6	280.1	17,600*	51.4	282.2	18,100*	52.6	285.1	18,900*	53.8	287.6	18,500*	175
180	49.1	275.7	17,000*	49.9	278.0	17,500*	51.2	281.0	18,300*	52.4	283.7	17,500*	180
185	47.5	271.1	16,400*	48.4	273.5	16,900*	49.7	276.7	17,500*	50.9	279.6	16,500*	185
190	46.0	266.2	15,400*	46.8	268.8	15,900*	48.1	272.2	16,600*	49.4	275.2	15,600*	190
195	44.3	261.1	14,500*	45.2	263.7	15,000*	46.6	267.4	15,700*	47.9	270.6	14,700*	195
200	42.6	255.6	13,700*	43.6	258.4	14,100*	45.0	262.4	14,900*	46.3	265.8	13,900*	200
205	40.9	249.8	12,900*	41.9	252.8	13,300*	43.3	257.0	14,000*	44.7	260.7	13,100*	205
210	39.1	243.6	12,100*	40.1	246.8	12,500*	41.6	251.3	13,200*	43.0	255.3	12,400*	210
215	37.2	236.9	11,400*	38.3	240.5	11,800*	39.8	245.3	12,400*	41.3	249.6	11,700*	215
220	35.2	229.8	10,700*	36.4	233.6	11,100*	38.0	238.8	11,700*	39.5	243.4	11,000*	220
225	33.2	222.2	10,000*	34.3	226.3	10,400*	36.0	231.9	10,900*	37.6	236.9	10,300*	225
230	31.0	213.9	9,400*	32.2	218.4	9,800*	34.0	224.5	10,300*	35.7	229.9	9,700*	230
235	28.6	204.7	8,800*	29.9	209.7	9,100*	31.8	216.4	9,600*	33.6	222.4	9,100*	235
240	26.0	194.6	8,200*	27.5	200.1	8,500*	29.5	207.6	9,000*	31.5	214.2	8,600*	240
245	23.2	183.1	7,700*	24.8	189.4	8,000*	27.1	197.9	8,400*	29.1	205.3	8,000*	245
250	20.0	169.7	7,200*	21.8	177.2	7,400*	24.3	187.0	7,900*	26.6	195.4	7,500*	250
255	16.1	153.3	6,300*	18.3	162.7	6,900*	21.3	174.4	7,300*	23.8	184.2	7,000*	255
260	10.7	130.3	4,400*	14.0	144.1	6,000*	17.7	159.4	6,800*	20.7	171.3	6,500*	260
265							13.1	139.8	6,300*	17.0	155.6	6,000*	265
270										12.1	134.7	5,500*	270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

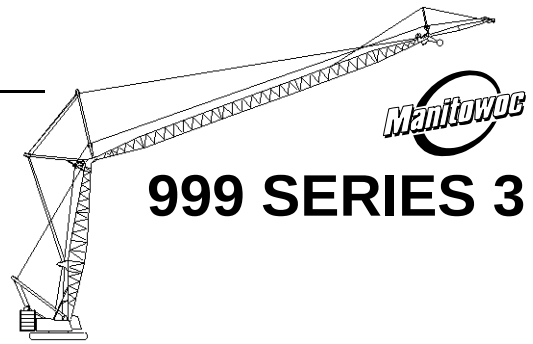
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

80 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

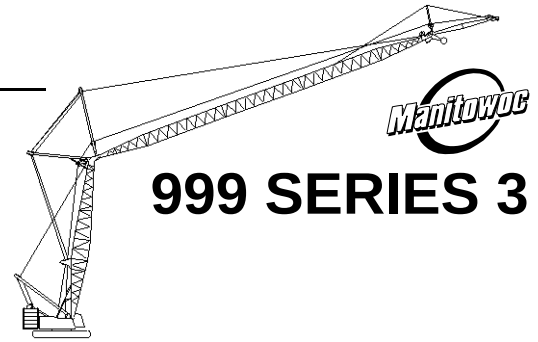
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	340.0	24,900*										85
90	73.5	338.5	24,700*										90
95	72.4	336.8	24,600*										95
100	71.2	335.1	24,400*	71.9	335.8	28,100*							100
105	70.1	333.2	24,200*	70.7	334.0	28,000*							105
110	68.9	331.2	24,000*	69.5	332.1	27,800*							110
115	67.7	329.1	23,900*	68.4	330.1	26,700*	69.4	331.3	27,400*				115
120	66.5	326.9	23,700*	67.2	328.0	25,600*	68.2	329.2	26,800*				120
125	65.3	324.6	23,500*	66.0	325.7	24,600*	67.0	327.1	25,700*				125
130	64.1	322.1	22,900*	64.8	323.3	23,700*	65.8	324.8	24,700*	66.8	325.9	25,600*	130
135	62.9	319.5	22,100*	63.6	320.7	22,800*	64.6	322.3	23,700*	65.6	323.6	24,700*	135
140	61.6	316.7	21,200*	62.3	318.1	21,900*	63.3	319.8	22,900*	64.4	321.2	23,700*	140
145	60.4	313.8	20,500*	61.1	315.3	21,100*	62.1	317.1	22,000*	63.1	318.6	22,900*	145
150	59.1	310.8	19,700*	59.8	312.3	20,300*	60.9	314.2	21,200*	61.9	315.9	22,100*	150
155	57.8	307.6	19,000*	58.5	309.2	19,600*	59.6	311.3	20,500*	60.6	313.0	21,300*	155
160	56.5	304.2	18,400*	57.2	305.9	19,000*	58.3	308.1	19,800*	59.4	310.0	20,500*	160
165	55.1	300.7	17,800*	55.9	302.5	18,300*	57.0	304.8	19,100*	58.1	306.8	19,800*	165
170	53.8	297.0	17,200*	54.5	298.9	17,700*	55.7	301.4	18,500*	56.8	303.5	19,100	170
175	52.4	293.1	16,700*	53.2	295.1	17,200*	54.3	297.7	17,900*	55.4	300.0	18,000	175
180	51.0	289.0	16,200*	51.8	291.1	16,600*	52.9	293.9	17,300*	54.1	296.3	17,000	180
185	49.5	284.7	15,700*	50.3	286.9	16,100*	51.5	289.9	16,800*	52.7	292.5	16,000	185
190	48.1	280.1	14,900*	48.9	282.5	15,500*	50.1	285.6	16,100	51.3	288.4	15,100	190
195	46.6	275.4	14,000*	47.4	277.8	14,500*	48.6	281.2	15,200	49.9	284.1	14,200	195
200	45.0	270.3	13,200*	45.9	272.9	13,700*	47.2	276.5	14,400*	48.4	279.6	13,400	200
205	43.4	265.0	12,400*	44.3	267.8	12,800*	45.6	271.6	13,500*	46.9	274.9	12,600	205
210	41.8	259.3	11,600*	42.7	262.3	12,000*	44.0	266.3	12,700*	45.3	269.9	11,900	210
215	40.1	253.3	10,900*	41.0	256.5	11,300*	42.4	260.8	11,900*	43.8	264.7	11,200	215
220	38.3	247.0	10,200*	39.3	250.3	10,600*	40.7	255.0	11,200*	42.1	259.1	10,500	220
225	36.5	240.2	9,600*	37.5	243.8	9,900*	39.0	248.8	10,500*	40.4	253.2	9,800	225
230	34.5	232.9	8,900*	35.6	236.8	9,300*	37.2	242.1	9,800*	38.7	246.9	9,200	230
235	32.5	225.0	8,300*	33.6	229.3	8,700*	35.3	235.0	9,100*	36.9	240.2	8,600	235
240	30.3	216.5	7,800*	31.6	221.1	8,100*	33.3	227.4	8,500*	34.9	233.0	8,100	240
245	28.0	207.1	7,200*	29.3	212.2	7,500*	31.2	219.1	8,000*	32.9	225.3	7,500	245
250	25.5	196.8	6,700*	26.9	202.5	7,000*	28.9	210.1	7,400*	30.8	216.9	7,000	250
255	22.7	185.0	6,200*	24.3	191.5	6,400*	26.5	200.2	6,900*	28.5	207.7	6,500	255
260	19.5	171.3	5,700*	21.4	179.0	5,900*	23.8	189.0	6,300*	26.1	197.6	6,000	260
265	15.7	154.6	4,800*	18.0	164.2	5,500*	20.8	176.2	5,800*	23.3	186.2	5,500	265
270				13.7	145.2	4,600*	17.3	160.8	5,400*	20.3	173.0	5,100	270
275							12.8	140.8	4,900*	16.6	157.0	4,600	275
280										11.8	135.7	4,100	280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.0	310.2	24,200*										80
85	72.7	308.6	24,000*										85
90	71.4	306.8	23,600*	72.1	307.6	27,200*							90
95	70.1	305.0	23,300*	70.8	305.8	26,900*							95
100	68.8	303.0	22,900*	69.5	303.9	26,500*							100
105	67.4	300.8	22,600*	68.2	301.8	26,200*	69.3	303.0	26,200*				105
110	66.1	298.5	22,300*	66.8	299.6	25,800*	67.9	300.9	25,900*				110
115	64.7	296.1	22,000*	65.5	297.3	25,500*	66.6	298.7	25,600*				115
120	63.3	293.5	21,700*	64.1	294.8	25,100*	65.2	296.3	25,200*	66.4	297.6	25,200*	120
125	61.9	290.8	21,400*	62.7	292.1	24,700*	63.8	293.8	24,900*	65.0	295.2	24,800*	125
130	60.5	287.9	21,100*	61.3	289.3	23,600*	62.5	291.1	24,500*	63.6	292.6	24,500*	130
135	59.0	284.8	20,800*	59.8	286.3	22,600*	61.0	288.3	23,700*	62.2	289.9	24,200*	135
140	57.6	281.6	20,500*	58.4	283.2	21,700*	59.6	285.3	22,700*	60.8	287.1	23,700*	140
145	56.1	278.2	20,200*	56.9	279.9	20,800*	58.1	282.1	21,800*	59.3	284.0	22,800*	145
150	54.6	274.5	19,400*	55.4	276.4	20,000*	56.7	278.8	21,000*	57.9	280.8	21,900*	150
155	53.0	270.7	18,700*	53.9	272.7	19,300*	55.1	275.2	20,200*	56.4	277.4	21,000*	155
160	51.4	266.7	18,000*	52.3	268.7	18,600*	53.6	271.5	19,400*	54.9	273.9	20,200*	160
165	49.8	262.4	17,300*	50.7	264.6	17,900*	52.0	267.5	18,700*	53.3	270.1	19,500*	165
170	48.1	257.8	16,700*	49.1	260.2	17,300*	50.4	263.3	18,000*	51.8	266.1	18,800*	170
175	46.4	253.0	16,200*	47.4	255.5	16,700*	48.8	258.9	17,400*	50.1	261.8	18,100*	175
180	44.7	247.9	15,600*	45.6	250.5	16,100*	47.1	254.2	16,800*	48.5	257.3	17,500*	180
185	42.8	242.4	15,100*	43.9	245.3	15,600*	45.3	249.2	16,300*	46.8	252.6	16,900*	185
190	40.9	236.6	14,600*	42.0	239.6	15,100*	43.5	243.8	15,700*	45.0	247.5	16,400*	190
195	39.0	230.3	14,200*	40.1	233.6	14,600*	41.7	238.1	15,200*	43.2	242.1	15,800*	195
200	36.9	223.6	13,700*	38.1	227.2	14,200*	39.7	232.1	14,800*	41.3	236.4	15,300*	200
205	34.7	216.4	13,300*	36.0	220.3	13,700*	37.7	225.5	14,300*	39.4	230.2	14,700*	205
210	32.4	208.5	12,900*	33.7	212.7	13,300*	35.6	218.5	13,900*	37.4	223.6	14,000	210
215	30.0	199.8	12,400*	31.4	204.5	12,900*	33.3	210.9	13,500*	35.2	216.5	13,300	215
220	27.3	190.1	11,900*	28.8	195.4	12,600*	30.9	202.5	13,100*	32.9	208.7	12,600	220
225	24.3	179.2	11,400*	26.0	185.2	12,000*	28.4	193.3	12,500*	30.5	200.2	11,900	225
230	20.9	166.4	10,900*	22.9	173.6	11,300*	25.5	182.9	11,800*	27.9	190.8	11,300	230
235	16.9	150.7	10,000*	19.3	159.7	10,700*	22.3	170.9	11,200*	25.0	180.2	10,700	235
240	11.4	128.8	7,900*	14.7	141.9	9,700*	18.6	156.5	10,600*	21.7	167.9	10,100	240
245				7.5	113.2	7,100*	13.8	137.8	10,000*	17.8	152.9	9,500	245
250							5.2	103.2	7,100*	12.8	132.9	9,000	250

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

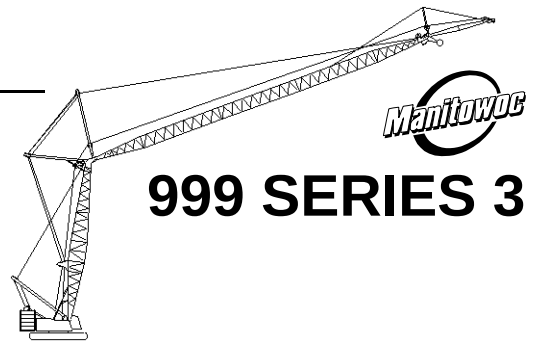
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

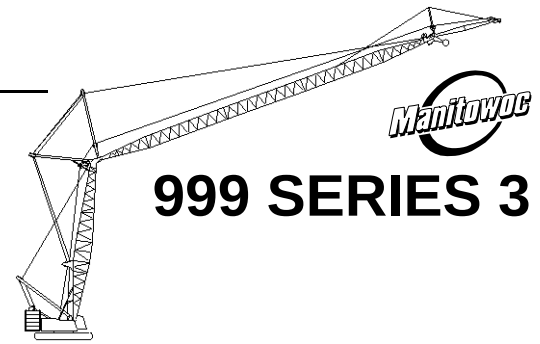
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.7	320.6	23,600*										80
85	73.4	319.1	23,400*										85
90	72.2	317.4	23,100*	72.9	318.1	26,700*							90
95	70.9	315.6	22,700*	71.6	316.4	26,400*							95
100	69.7	313.7	22,500*	70.4	314.6	26,000*							100
105	68.4	311.7	22,200*	69.1	312.6	25,700*							105
110	67.1	309.5	21,900*	67.8	310.5	25,300*	68.9	311.8	25,400*				110
115	65.8	307.2	21,600*	66.5	308.3	25,000*	67.6	309.6	25,100*				115
120	64.5	304.8	21,400*	65.2	305.9	24,700*	66.3	307.4	24,800*				120
125	63.2	302.2	21,100*	63.9	303.4	23,600*	65.0	305.0	24,500*	66.1	306.3	24,400*	125
130	61.8	299.5	20,800*	62.6	300.8	22,600*	63.7	302.5	23,700*	64.8	303.8	24,100*	130
135	60.5	296.6	20,600*	61.2	298.0	21,700*	62.4	299.8	22,700*	63.5	301.3	23,700*	135
140	59.1	293.5	20,200*	59.9	295.0	20,800*	61.0	297.0	21,800*	62.1	298.6	22,700*	140
145	57.7	290.3	19,400*	58.5	291.9	20,000*	59.6	294.0	20,900*	60.8	295.7	21,800*	145
150	56.2	286.9	18,600*	57.0	288.6	19,200*	58.2	290.8	20,100*	59.4	292.7	20,900*	150
155	54.8	283.3	17,900*	55.6	285.1	18,500*	56.8	287.5	19,300*	58.0	289.5	20,100*	155
160	53.3	279.5	17,300*	54.1	281.4	17,800*	55.4	284.0	18,600*	56.6	286.1	19,400*	160
165	51.8	275.5	16,600*	52.6	277.5	17,200*	53.9	280.3	17,900*	55.1	282.6	18,700*	165
170	50.3	271.3	16,100*	51.1	273.4	16,600*	52.4	276.3	17,300*	53.6	278.8	18,000*	170
175	48.7	266.8	15,500*	49.6	269.1	16,000*	50.9	272.2	16,700*	52.1	274.9	17,400*	175
180	47.0	262.1	15,000*	48.0	264.5	15,500*	49.3	267.8	16,100*	50.6	270.7	16,800*	180
185	45.4	257.1	14,500*	46.3	259.7	15,000*	47.7	263.2	15,600*	49.0	266.3	16,200*	185
190	43.7	251.8	14,100*	44.6	254.6	14,500*	46.0	258.3	15,100*	47.4	261.6	15,700*	190
195	41.9	246.2	13,600*	42.9	249.1	14,000*	44.3	253.1	14,600*	45.7	256.7	15,200*	195
200	40.0	240.1	13,200*	41.1	243.3	13,600*	42.6	247.6	14,200*	44.0	251.5	14,700*	200
205	38.1	233.7	12,800*	39.2	237.1	13,200*	40.8	241.8	13,700*	42.3	245.9	14,100	205
210	36.1	226.8	12,400*	37.2	230.5	12,800*	38.9	235.5	13,300*	40.4	240.0	13,400	210
215	34.0	219.3	12,100*	35.2	223.3	12,400*	36.9	228.8	12,900*	38.5	233.6	12,700	215
220	31.7	211.2	11,700*	33.0	215.6	12,100*	34.8	221.6	12,600*	36.5	226.8	12,000	220
225	29.3	202.3	11,100*	30.7	207.2	11,400*	32.6	213.7	12,000*	34.4	219.5	11,300	225
230	26.7	192.4	10,400*	28.2	197.8	10,800*	30.3	205.1	11,300*	32.2	211.5	10,700	230
235	23.8	181.2	9,800*	25.4	187.4	10,200*	27.7	195.6	10,700*	29.8	202.8	10,100	235
240	20.5	168.1	9,300*	22.4	175.5	9,600*	25.0	185.0	10,000*	27.3	193.1	9,500	240
245	16.5	152.1	8,300*	18.8	161.3	9,000*	21.8	172.7	9,500*	24.4	182.2	9,000	245
250	11.1	129.7	6,300*	14.4	143.1	8,000*	18.2	158.0	8,900*	21.2	169.6	8,400	250
255				7.3	113.7	5,600*	13.5	138.8	8,300*	17.4	154.4	7,900	255
260							5.0	103.5	5,600*	12.5	133.9	7,400	260



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.1	329.6	22,700*										85
90	72.9	328.0	22,500*										90
95	71.7	326.3	22,200*	72.4	327.0	25,600*							95
100	70.5	324.5	22,000*	71.2	325.3	25,400*							100
105	69.3	322.5	21,600*	70.0	323.4	25,100*							105
110	68.1	320.4	21,400*	68.8	321.4	24,700*	69.8	322.5	24,700*				110
115	66.8	318.2	21,200*	67.5	319.3	24,500*	68.6	320.5	24,500*				115
120	65.6	315.9	20,900*	66.3	317.0	24,200*	67.3	318.4	24,200*				120
125	64.3	313.5	20,700*	65.0	314.6	23,900*	66.1	316.1	24,000*				125
130	63.0	310.9	20,500*	63.8	312.1	23,400*	64.8	313.7	23,700*	65.9	315.0	23,500*	130
135	61.8	308.1	20,200*	62.5	309.4	22,500*	63.5	311.1	23,400*	64.6	312.5	23,300*	135
140	60.4	305.2	20,000*	61.2	306.6	21,600*	62.3	308.5	22,600*	63.3	309.9	23,100*	140
145	59.1	302.2	19,800*	59.9	303.7	20,800*	61.0	305.6	21,700*	62.0	307.2	22,600*	145
150	57.8	299.0	19,400*	58.5	300.5	20,000*	59.6	302.6	20,900*	60.7	304.4	21,800*	150
155	56.4	295.6	18,700*	57.2	297.3	19,300*	58.3	299.5	20,100*	59.4	301.4	20,900*	155
160	55.0	292.0	18,000*	55.8	293.8	18,600*	56.9	296.2	19,400*	58.1	298.2	20,200*	160
165	53.6	288.3	17,400*	54.4	290.2	17,900*	55.5	292.7	18,700*	56.7	294.8	19,500*	165
170	52.1	284.3	16,800*	53.0	286.3	17,300*	54.1	289.0	18,100*	55.3	291.3	18,800*	170
175	50.7	280.2	16,200*	51.5	282.3	16,700*	52.7	285.1	17,500*	53.9	287.6	18,200*	175
180	49.2	275.8	15,700*	50.0	278.0	16,200*	51.2	281.1	16,900*	52.5	283.7	17,600*	180
185	47.6	271.2	15,200*	48.5	273.5	15,700*	49.8	276.8	16,400*	51.0	279.6	17,000*	185
190	46.0	266.3	14,800*	46.9	268.8	15,200*	48.2	272.2	15,800*	49.5	275.3	16,300	190
195	44.4	261.1	14,300*	45.3	263.8	14,700*	46.7	267.5	15,400*	47.9	270.7	15,400	195
200	42.7	255.6	13,900*	43.7	258.5	14,300*	45.0	262.4	14,900*	46.4	265.9	14,600	200
205	41.0	249.8	13,500*	42.0	252.9	13,900*	43.4	257.0	14,500*	44.8	260.8	13,800	205
210	39.2	243.6	12,800*	40.2	246.9	13,200*	41.7	251.4	13,800*	43.1	255.3	13,000	210
215	37.3	237.0	12,000*	38.3	240.5	12,400*	39.9	245.3	13,100*	41.4	249.6	12,300	215
220	35.3	229.9	11,400*	36.4	233.7	11,700*	38.0	238.9	12,300*	39.6	243.5	11,600	220
225	33.2	222.2	10,700*	34.4	226.4	11,100*	36.1	232.0	11,600*	37.7	237.0	11,000	225
230	31.0	213.9	10,100*	32.3	218.4	10,400*	34.1	224.5	10,900*	35.8	230.0	10,400	230
235	28.7	204.8	9,500*	30.0	209.8	9,800*	31.9	216.5	10,300*	33.7	222.4	9,800	235
240	26.1	194.6	8,900*	27.6	200.2	9,200*	29.6	207.7	9,700*	31.5	214.3	9,200	240
245	23.3	183.2	8,400*	24.9	189.5	8,600*	27.1	198.0	9,100*	29.2	205.3	8,700	245
250	20.0	169.8	7,800*	21.9	177.3	8,100*	24.4	187.1	8,500*	26.7	195.4	8,100	250
255	16.1	153.4	6,900*	18.4	162.8	7,600*	21.4	174.5	8,000*	23.9	184.3	7,600	255
260	10.8	130.5	5,000*	14.1	144.2	6,700*	17.8	159.5	7,500*	20.8	171.4	7,100	260
265				7.2	114.2	4,400*	13.2	139.9	7,000*	17.1	155.8	6,600	265
270							4.9	103.8	4,400*	12.2	134.9	6,100	270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

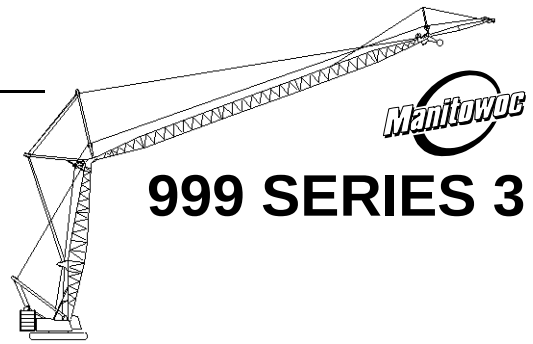
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

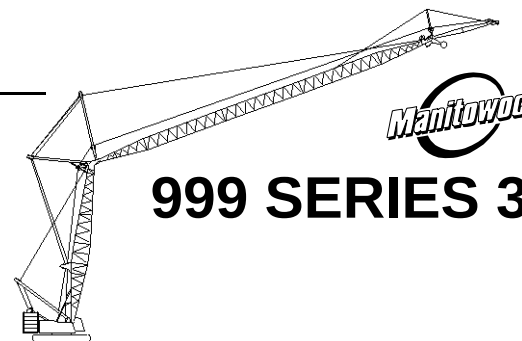
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	340.0	21,800*										85
90	73.6	338.5	21,600*										90
95	72.5	336.9	21,500*										95
100	71.3	335.1	21,300*	71.9	335.9	24,500*							100
105	70.1	333.2	21,000*	70.8	334.1	24,300*							105
110	69.0	331.3	20,900*	69.6	332.2	24,100*							110
115	67.8	329.2	20,700*	68.4	330.1	23,900*	69.4	331.3	23,800*				115
120	66.6	327.0	20,400*	67.2	328.0	23,500*	68.2	329.3	23,600*				120
125	65.4	324.6	20,200*	66.1	325.7	23,300*	67.0	327.1	23,300*				125
130	64.2	322.1	20,000*	64.8	323.3	22,600*	65.8	324.8	23,000*	66.8	326.0	22,800*	130
135	62.9	319.5	19,800*	63.6	320.8	21,700*	64.6	322.4	22,700*	65.6	323.6	22,600*	135
140	61.7	316.8	19,600*	62.4	318.1	20,900*	63.4	319.8	21,800*	64.4	321.2	22,400*	140
145	60.4	313.9	19,400*	61.1	315.3	20,100*	62.2	317.1	21,000*	63.2	318.6	21,800*	145
150	59.1	310.8	18,700*	59.9	312.3	19,300*	60.9	314.3	20,200*	62.0	315.9	21,000*	150
155	57.9	307.6	18,100*	58.6	309.2	18,600*	59.6	311.3	19,400*	60.7	313.0	20,200*	155
160	56.5	304.3	17,400*	57.3	305.9	18,000*	58.4	308.2	18,700*	59.4	310.0	19,500*	160
165	55.2	300.7	16,800*	56.0	302.5	17,300*	57.1	304.9	18,100*	58.1	306.9	18,800*	165
170	53.8	297.0	16,300*	54.6	298.9	16,800*	55.7	301.4	17,500*	56.8	303.5	18,200*	170
175	52.5	293.1	15,700*	53.2	295.1	16,200*	54.4	297.8	16,900*	55.5	300.0	17,600*	175
180	51.1	289.0	15,200*	51.8	291.1	15,700*	53.0	293.9	16,300*	54.1	296.4	17,000*	180
185	49.6	284.7	14,700*	50.4	286.9	15,200*	51.6	289.9	15,800*	52.8	292.5	16,400*	185
190	48.1	280.2	14,300*	49.0	282.5	14,700*	50.2	285.7	15,300*	51.4	288.4	15,700	190
195	46.6	275.4	13,900*	47.5	277.9	14,300*	48.7	281.2	14,900*	49.9	284.2	14,800	195
200	45.1	270.3	13,400*	45.9	273.0	13,800*	47.2	276.5	14,400*	48.5	279.7	14,000	200
205	43.5	265.0	13,000*	44.4	267.8	13,400*	45.7	271.6	14,000*	47.0	275.0	13,200	205
210	41.8	259.4	12,200*	42.8	262.3	12,600*	44.1	266.4	13,300*	45.4	270.0	12,500	210
215	40.1	253.4	11,500*	41.1	256.5	11,900*	42.5	260.9	12,500*	43.8	264.7	11,700	215
220	38.4	247.0	10,800*	39.4	250.4	11,200*	40.8	255.0	11,800*	42.2	259.1	11,100	220
225	36.5	240.2	10,200*	37.6	243.8	10,500*	39.1	248.8	11,100*	40.5	253.2	10,400	225
230	34.6	232.9	9,500*	35.7	236.8	9,900*	37.3	242.2	10,400*	38.8	246.9	9,800	230
235	32.6	225.1	8,900*	33.7	229.3	9,300*	35.4	235.1	9,800*	36.9	240.2	9,200	235
240	30.4	216.6	8,400*	31.6	221.2	8,700*	33.4	227.5	9,100*	35.0	233.1	8,600	240
245	28.1	207.2	7,800*	29.4	212.3	8,100*	31.3	219.2	8,600*	33.0	225.3	8,100	245
250	25.6	196.8	7,300*	27.0	202.5	7,600*	29.0	210.2	8,000*	30.9	217.0	7,600	250
255	22.8	185.1	6,800*	24.4	191.6	7,100*	26.6	200.3	7,500*	28.6	207.8	7,100	255
260	19.6	171.4	6,300*	21.5	179.1	6,600*	23.9	189.1	6,900*	26.1	197.7	6,600	260
265	15.8	154.7	5,400*	18.0	164.3	6,100*	20.9	176.3	6,400*	23.4	186.3	6,100	265
270				13.8	145.3	5,200*	17.4	160.9	6,000*	20.4	173.1	5,600	270
275							12.9	140.9	5,500*	16.7	157.1	5,200	275
280										11.9	135.8	4,700	280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

80 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.2	349.0	20,700*										90
95	73.1	347.4	20,600*										95
100	72.0	345.7	20,400*	72.6	346.4	23,500*							100
105	70.9	343.9	20,200*	71.5	344.7	23,300*							105
110	69.8	342.0	20,100*	70.4	342.9	23,100*							110
115	68.6	340.0	19,900*	69.3	340.9	23,000*							115
120	67.5	337.9	19,700*	68.1	338.9	22,800*	69.1	340.1	22,700*				120
125	66.3	335.7	19,500*	67.0	336.7	22,500*	67.9	338.0	22,500*				125
130	65.2	333.3	19,400*	65.8	334.4	21,500*	66.8	335.8	22,400*				130
135	64.0	330.8	19,100*	64.7	332.0	20,700*	65.6	333.5	21,600*	66.6	334.7	21,900*	135
140	62.8	328.2	19,000*	63.5	329.4	19,900*	64.5	331.0	20,700*	65.4	332.3	21,600*	140
145	61.6	325.4	18,500*	62.3	326.8	19,100*	63.3	328.5	19,900*	64.3	329.9	20,700*	145
150	60.4	322.5	17,800*	61.1	323.9	18,400*	62.1	325.8	19,200*	63.1	327.3	20,000*	150
155	59.2	319.5	17,200*	59.9	321.0	17,700*	60.9	322.9	18,500*	61.9	324.6	19,200*	155
160	57.9	316.3	16,600*	58.6	317.9	17,100*	59.7	320.0	17,800*	60.7	321.7	18,500*	160
165	56.7	313.0	16,000*	57.4	314.6	16,500*	58.4	316.8	17,200*	59.4	318.7	17,900*	165
170	55.4	309.5	15,500*	56.1	311.2	15,900*	57.2	313.5	16,600*	58.2	315.5	17,200*	170
175	54.1	305.8	14,900*	54.8	307.6	15,400*	55.9	310.1	16,000*	56.9	312.2	16,700*	175
180	52.8	301.9	14,500*	53.5	303.9	14,900*	54.6	306.5	15,500*	55.7	308.8	16,100*	180
185	51.4	297.9	14,000*	52.2	299.9	14,400*	53.3	302.7	15,000*	54.4	305.1	15,600*	185
190	50.0	293.6	13,600*	50.8	295.8	14,000*	51.9	298.7	14,500*	53.0	301.3	15,100*	190
195	48.6	289.2	13,100*	49.4	291.5	13,500*	50.6	294.6	14,100*	51.7	297.3	14,300	195
200	47.2	284.5	12,700*	48.0	286.9	13,100*	49.2	290.2	13,600*	50.3	293.1	13,500	200
205	45.7	279.5	12,400*	46.5	282.1	12,700*	47.7	285.6	13,200*	48.9	288.7	12,700	205
210	44.2	274.3	11,700*	45.0	277.0	12,100*	46.3	280.7	12,800*	47.5	284.0	11,900	210
215	42.6	268.9	11,000*	43.5	271.7	11,400*	44.8	275.6	12,000*	46.0	279.1	11,200	215
220	41.0	263.0	10,300*	41.9	266.1	10,700*	43.2	270.3	11,300*	44.5	274.0	10,600	220
225	39.3	256.9	9,700*	40.3	260.1	10,000*	41.6	264.6	10,600*	43.0	268.6	9,900	225
230	37.6	250.4	9,000*	38.6	253.8	9,400*	40.0	258.6	9,900*	41.4	262.8	9,300	230
235	35.8	243.4	8,400*	36.8	247.1	8,800*	38.3	252.2	9,300*	39.7	256.8	8,700	235
240	33.9	235.9	7,900*	35.0	239.9	8,200*	36.5	245.4	8,700*	38.0	250.3	8,100	240
245	31.9	227.9	7,300*	33.1	232.2	7,600*	34.7	238.1	8,100*	36.2	243.4	7,600	245
250	29.8	219.1	6,800*	31.0	223.9	7,100*	32.7	230.3	7,500*	34.3	236.1	7,100	250
255	27.5	209.6	6,300*	28.8	214.8	6,600*	30.7	221.9	7,000*	32.4	228.2	6,600	255
260	25.1	199.0	5,800*	26.5	204.8	6,100*	28.5	212.7	6,500*	30.3	219.6	6,100	260
265	22.4	187.0	5,300*	23.9	193.6	5,600*	26.1	202.5	6,000*	28.0	210.2	5,600	265
270	19.2	173.0	4,900*	21.0	180.9	5,100*	23.5	191.1	5,500*	25.6	199.9	5,200	270
275	15.5	155.9	4,000*	17.7	165.7	4,700*	20.5	178.0	5,000*	23.0	188.2	4,700	275
280							17.1	162.3	4,600*	19.9	174.7	4,300	280
285							12.6	141.9	4,200*				285

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

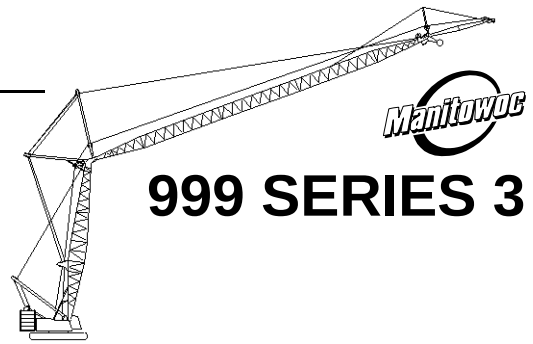
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

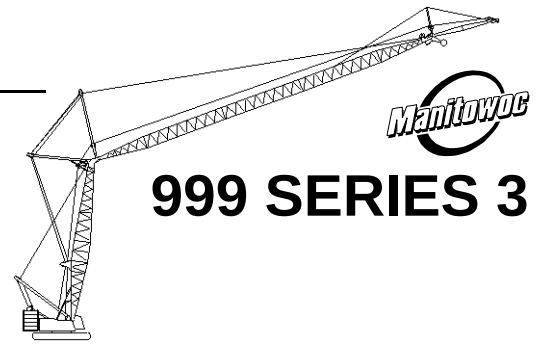
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

80 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.6	320.7	18,700*										80
85	73.3	319.2	18,400*										85
90	72.1	317.5	18,100*	72.8	318.2	21,000*							90
95	70.8	315.7	17,800*	71.5	316.5	20,700*							95
100	69.6	313.8	17,600*	70.3	314.7	20,300*							100
105	68.3	311.8	17,300*	69.0	312.7	20,000*							105
110	67.0	309.6	17,000*	67.7	310.6	19,700*	68.8	311.8	19,800*				110
115	65.7	307.3	16,700*	66.4	308.4	19,400*	67.5	309.7	19,500*				115
120	64.4	304.9	16,500*	65.1	306.0	19,100*	66.2	307.5	19,200*				120
125	63.1	302.3	16,200*	63.8	303.5	18,800*	64.9	305.1	18,900*	66.0	306.3	19,000*	125
130	61.7	299.5	16,000*	62.5	300.9	18,500*	63.6	302.6	18,600*	64.7	303.9	18,700*	130
135	60.4	296.6	15,700*	61.1	298.1	18,200*	62.2	299.9	18,400*	63.4	301.4	18,400*	135
140	59.0	293.6	15,500*	59.7	295.1	17,900*	60.9	297.0	18,100*	62.0	298.7	18,100*	140
145	57.6	290.4	15,200*	58.4	292.0	17,700*	59.5	294.1	17,800*	60.6	295.8	17,900*	145
150	56.1	287.0	15,000*	56.9	288.7	17,400*	58.1	290.9	17,700*	59.3	292.8	17,600*	150
155	54.7	283.4	14,800*	55.5	285.2	17,300*	56.7	287.6	17,400*	57.9	289.6	17,400*	155
160	53.2	279.6	14,600*	54.0	281.5	16,900*	55.3	284.0	17,000*	56.4	286.2	17,100*	160
165	51.7	275.6	14,400*	52.5	277.6	16,700*	53.8	280.3	16,800*	55.0	282.7	16,900*	165
170	50.2	271.4	14,200*	51.0	273.5	16,100*	52.3	276.4	16,700*	53.5	278.9	16,600*	170
175	48.6	266.9	14,000*	49.5	269.2	15,500*	50.8	272.3	16,200*	52.0	275.0	16,400*	175
180	46.9	262.2	13,800*	47.9	264.6	14,900*	49.2	267.9	15,600*	50.5	270.8	16,300*	180
185	45.3	257.2	13,600*	46.2	259.8	14,400*	47.6	263.3	15,000*	48.9	266.4	15,700*	185
190	43.6	251.9	13,400*	44.5	254.7	13,900*	45.9	258.4	14,500*	47.3	261.7	15,100*	190
195	41.8	246.3	13,000*	42.8	249.2	13,400*	44.2	253.2	14,000*	45.6	256.8	14,600*	195
200	39.9	240.3	12,600*	41.0	243.4	13,000*	42.5	247.7	13,600*	43.9	251.6	14,100*	200
205	38.0	233.8	12,200*	39.1	237.2	12,600*	40.7	241.9	13,100*	42.2	246.0	13,700*	205
210	36.0	226.9	11,800*	37.1	230.6	12,200*	38.8	235.6	12,700*	40.3	240.1	13,200*	210
215	33.9	219.5	11,500*	35.1	223.5	11,800*	36.8	228.9	12,300*	38.4	233.8	12,800*	215
220	31.6	211.4	11,100*	32.9	215.7	11,400*	34.7	221.7	11,900*	36.4	227.0	12,400*	220
225	29.2	202.5	10,800*	30.6	207.3	11,100*	32.5	213.8	11,600*	34.3	219.6	12,000*	225
230	26.6	192.6	10,500*	28.1	198.0	10,800*	30.2	205.3	11,200*	32.1	211.7	11,500	230
235	23.7	181.4	10,200*	25.4	187.6	10,500*	27.7	195.8	10,900*	29.8	203.0	10,900	235
240	20.4	168.3	9,800*	22.3	175.6	10,200*	24.9	185.2	10,600*	27.2	193.3	10,400	240
245	16.5	152.3	9,100*	18.8	161.5	9,800*	21.8	172.9	10,300*	24.4	182.4	9,800	245
250	11.1	130.1	7,100*	14.3	143.4	8,800*	18.1	158.3	9,700*	21.2	169.8	9,300	250
255				7.4	114.3	6,400*	13.4	139.2	9,200*	17.4	154.6	8,800	255
260							5.2	104.5	6,500*	12.4	134.3	8,200	260



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

80 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

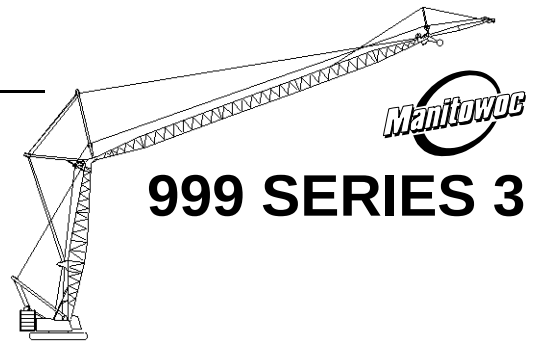
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.0	329.6	18,100*										85
90	72.8	328.1	17,800*										90
95	71.6	326.4	17,600*	72.3	327.1	20,300*							95
100	70.4	324.5	17,300*	71.1	325.3	20,100*							100
105	69.2	322.6	17,100*	69.9	323.5	19,800*							105
110	68.0	320.5	16,800*	68.7	321.5	19,500*	69.7	322.6	19,600*				110
115	66.7	318.3	16,600*	67.4	319.3	19,200*	68.5	320.6	19,300*				115
120	65.5	316.0	16,300*	66.2	317.1	18,900*	67.2	318.4	19,000*				120
125	64.2	313.5	16,100*	64.9	314.7	18,600*	66.0	316.2	18,700*				125
130	62.9	310.9	15,900*	63.7	312.2	18,400*	64.7	313.8	18,500*	65.8	315.0	18,900*	130
135	61.7	308.2	15,600*	62.4	309.5	18,100*	63.4	311.2	18,200*	64.5	312.6	18,300*	135
140	60.3	305.3	15,400*	61.1	306.7	17,800*	62.2	308.5	17,900*	63.2	310.0	18,000*	140
145	59.0	302.3	15,200*	59.8	303.8	17,600*	60.9	305.7	17,700*	61.9	307.3	17,700*	145
150	57.7	299.0	15,000*	58.4	300.6	17,300*	59.5	302.7	17,400*	60.6	304.5	17,500*	150
155	56.3	295.7	14,900*	57.1	297.3	17,100*	58.2	299.6	17,200*	59.3	301.4	17,400*	155
160	54.9	292.1	14,500*	55.7	293.9	16,700*	56.8	296.3	16,900*	58.0	298.3	17,000*	160
165	53.5	288.4	14,300*	54.3	290.2	16,000*	55.5	292.8	16,700*	56.6	294.9	16,800*	165
170	52.0	284.4	14,100*	52.9	286.4	15,400*	54.0	289.1	16,100*	55.2	291.4	16,600*	170
175	50.6	280.3	13,900*	51.4	282.4	14,900*	52.6	285.2	15,500*	53.8	287.7	16,200*	175
180	49.1	275.9	13,800*	49.9	278.1	14,300*	51.1	281.2	15,000*	52.4	283.8	15,600*	180
185	47.5	271.3	13,400*	48.4	273.6	13,800*	49.7	276.9	14,400*	50.9	279.7	15,000*	185
190	45.9	266.4	13,000*	46.8	268.9	13,300*	48.1	272.3	13,900*	49.4	275.4	14,500*	190
195	44.3	261.2	12,500*	45.2	263.9	12,900*	46.6	267.6	13,500*	47.9	270.8	14,000*	195
200	42.6	255.7	12,100*	43.6	258.6	12,500*	44.9	262.5	13,000*	46.3	266.0	13,500*	200
205	40.9	249.9	11,700*	41.9	253.0	12,100*	43.3	257.2	12,600*	44.7	260.9	13,100*	205
210	39.1	243.7	11,400*	40.1	247.0	11,700*	41.6	251.5	12,200*	43.0	255.4	12,700*	210
215	37.2	237.1	11,000*	38.3	240.6	11,300*	39.8	245.4	11,800*	41.3	249.7	12,300*	215
220	35.2	230.0	10,700*	36.3	233.8	11,000*	37.9	239.0	11,400*	39.5	243.6	11,900*	220
225	33.2	222.4	10,400*	34.3	226.5	10,700*	36.0	232.1	11,100*	37.6	237.1	11,500*	225
230	31.0	214.1	10,100*	32.2	218.6	10,300*	34.0	224.7	10,800*	35.7	230.1	11,000	230
235	28.6	204.9	9,800*	29.9	209.9	10,000*	31.8	216.6	10,500*	33.6	222.6	10,400	235
240	26.0	194.8	9,500*	27.5	200.4	9,800*	29.5	207.8	10,200*	31.4	214.4	9,800	240
245	23.2	183.4	9,000*	24.8	189.7	9,300*	27.1	198.1	9,700*	29.1	205.5	9,300	245
250	20.0	170.0	8,500*	21.8	177.5	8,800*	24.3	187.2	9,200*	26.6	195.6	8,700	250
255	16.1	153.6	7,500*	18.4	163.0	8,200*	21.3	174.7	8,600*	23.8	184.5	8,200	255
260	10.8	130.9	5,600*	14.0	144.5	7,200*	17.7	159.7	8,100*	20.7	171.6	7,700	260
265				7.2	114.9	5,000*	13.1	140.2	7,600*	17.0	156.0	7,200	265
270							5.0	104.8	5,100*	12.2	135.2	6,700	270

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82

219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

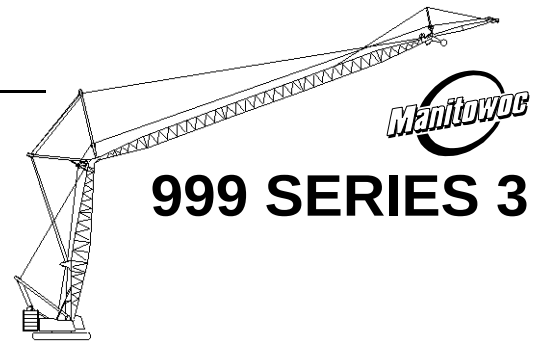
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

80 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.6	340.1	17,800*										85
90	73.5	338.6	17,500*										90
95	72.4	336.9	17,300*	73.0	337.6	20,000*							95
100	71.2	335.2	17,100*	71.8	335.9	19,700*							100
105	70.0	333.3	16,800*	70.7	334.2	19,500*							105
110	68.9	331.3	16,600*	69.5	332.2	19,200*							110
115	67.7	329.3	16,400*	68.3	330.2	18,900*	69.3	331.4	19,000*				115
120	66.5	327.0	16,100*	67.1	328.1	18,700*	68.1	329.3	18,700*				120
125	65.3	324.7	15,900*	66.0	325.8	18,400*	66.9	327.2	18,500*				125
130	64.1	322.2	15,700*	64.7	323.4	18,200*	65.7	324.9	18,300*	66.7	326.0	18,200*	130
135	62.8	319.6	15,500*	63.5	320.9	17,900*	64.5	322.4	18,000*	65.5	323.7	18,000*	135
140	61.6	316.9	15,300*	62.3	318.2	17,700*	63.3	319.9	17,800*	64.3	321.3	17,800*	140
145	60.3	314.0	15,100*	61.0	315.4	17,400*	62.1	317.2	17,500*	63.1	318.7	17,600*	145
150	59.1	310.9	14,900*	59.8	312.4	17,400*	60.8	314.4	17,300*	61.9	316.0	17,300*	150
155	57.8	307.7	14,700*	58.5	309.3	17,100*	59.6	311.4	17,100*	60.6	313.1	17,100*	155
160	56.4	304.4	14,500*	57.2	306.0	16,900*	58.3	308.2	16,800*	59.3	310.1	16,900*	160
165	55.1	300.8	14,300*	55.9	302.6	16,500*	57.0	304.9	16,600*	58.0	306.9	16,700*	165
170	53.8	297.1	14,200*	54.5	299.0	16,100*	55.6	301.5	16,400*	56.7	303.6	16,400*	170
175	52.4	293.2	13,900*	53.1	295.2	15,500*	54.3	297.8	16,200*	55.4	300.1	16,200*	175
180	51.0	289.1	13,700*	51.7	291.2	15,000*	52.9	294.0	15,700*	54.0	296.5	16,100*	180
185	49.5	284.8	13,500*	50.3	287.0	14,500*	51.5	290.0	15,100*	52.7	292.6	15,700*	185
190	48.0	280.3	13,400*	48.9	282.6	14,000*	50.1	285.8	14,600*	51.3	288.5	15,200*	190
195	46.5	275.5	13,100*	47.4	278.0	13,500*	48.6	281.3	14,100*	49.8	284.3	14,700*	195
200	45.0	270.5	12,700*	45.9	273.1	13,100*	47.1	276.6	13,700*	48.4	279.8	14,200*	200
205	43.4	265.1	12,300*	44.3	267.9	12,700*	45.6	271.7	13,200*	46.9	275.1	13,800*	205
210	41.8	259.5	12,000*	42.7	262.4	12,300*	44.0	266.5	12,800*	45.3	270.1	13,200	210
215	40.0	253.5	11,600*	41.0	256.7	11,900*	42.4	261.0	12,400*	43.7	264.8	12,500	215
220	38.3	247.1	11,300*	39.3	250.5	11,600*	40.7	255.1	12,100*	42.1	259.2	11,900	220
225	36.4	240.3	10,900*	37.5	244.0	11,300*	39.0	248.9	11,700*	40.4	253.3	11,200	225
230	34.5	233.1	10,300*	35.6	237.0	10,700*	37.2	242.3	11,200*	38.7	247.1	10,600	230
235	32.5	225.2	9,700*	33.6	229.4	10,100*	35.3	235.2	10,600*	36.8	240.4	10,000	235
240	30.3	216.7	9,200*	31.6	221.3	9,500*	33.3	227.6	10,000*	34.9	233.2	9,400	240
245	28.0	207.4	8,600*	29.3	212.4	8,900*	31.2	219.4	9,400*	32.9	225.5	8,900	245
250	25.5	197.0	8,100*	26.9	202.7	8,400*	28.9	210.4	8,800*	30.8	217.1	8,400	250
255	22.7	185.3	7,600*	24.3	191.8	7,900*	26.5	200.4	8,300*	28.5	208.0	7,900	255
260	19.6	171.7	7,100*	21.4	179.3	7,400*	23.9	189.3	7,800*	26.1	197.8	7,400	260
265	15.8	155.0	6,200*	18.0	164.5	6,900*	20.9	176.5	7,300*	23.4	186.4	6,900	265
270	10.6	131.8	4,400*	13.7	145.7	5,900*	17.3	161.2	6,800*	20.3	173.3	6,500	270
275							12.9	141.3	6,300*	16.7	157.4	6,000	275
280										11.9	136.2	5,500	280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

80 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.1	349.0	17,200*										90
95	73.0	347.5	17,000*										95
100	71.9	345.8	16,800*	72.5	346.5	19,400*							100
105	70.8	344.0	16,600*	71.4	344.8	19,200*							105
110	69.7	342.1	16,400*	70.3	343.0	18,900*							110
115	68.5	340.1	16,100*	69.2	341.0	18,700*							115
120	67.4	338.0	15,900*	68.0	339.0	18,400*	69.0	340.2	18,400*				120
125	66.3	335.7	15,700*	66.9	336.8	18,100*	67.8	338.1	18,200*				125
130	65.1	333.4	15,500*	65.7	334.5	17,900*	66.7	335.9	18,000*				130
135	63.9	330.9	15,300*	64.6	332.1	17,700*	65.5	333.6	17,700*	66.5	334.8	17,700*	135
140	62.7	328.3	15,100*	63.4	329.5	17,500*	64.4	331.1	17,500*	65.3	332.4	17,500*	140
145	61.5	325.5	14,900*	62.2	326.8	17,200*	63.2	328.6	17,500*	64.2	330.0	17,300*	145
150	60.3	322.6	14,700*	61.0	324.0	17,000*	62.0	325.9	17,300*	63.0	327.4	17,100*	150
155	59.1	319.6	14,500*	59.8	321.1	17,000*	60.8	323.0	17,100*	61.8	324.6	16,900*	155
160	57.8	316.4	14,300*	58.5	318.0	16,600*	59.6	320.0	16,700*	60.6	321.8	16,900*	160
165	56.6	313.1	14,200*	57.3	314.7	16,200*	58.3	316.9	16,400*	59.4	318.8	16,500*	165
170	55.3	309.6	14,000*	56.0	311.3	15,600*	57.1	313.6	16,300*	58.1	315.6	16,300*	170
175	54.0	305.9	14,000*	54.7	307.7	15,000*	55.8	310.2	15,700*	56.8	312.3	16,300*	175
180	52.7	302.0	13,600*	53.4	304.0	14,500*	54.5	306.6	15,100*	55.6	308.8	15,800*	180
185	51.3	298.0	13,600*	52.1	300.0	14,000*	53.2	302.8	14,600*	54.3	305.2	15,200*	185
190	49.9	293.7	13,200*	50.7	295.9	13,600*	51.8	298.8	14,100*	52.9	301.4	14,700*	190
195	48.5	289.3	12,700*	49.3	291.6	13,100*	50.5	294.7	13,700*	51.6	297.4	14,200*	195
200	47.1	284.6	12,300*	47.9	287.0	12,700*	49.1	290.3	13,200*	50.2	293.2	13,800*	200
205	45.6	279.6	12,000*	46.4	282.2	12,300*	47.7	285.7	12,800*	48.8	288.8	13,300*	205
210	44.1	274.4	11,600*	44.9	277.1	11,900*	46.2	280.8	12,400*	47.4	284.1	12,700*	210
215	42.5	269.0	11,200*	43.4	271.8	11,600*	44.7	275.8	12,000*	45.9	279.2	11,900*	215
220	40.9	263.2	10,900*	41.8	266.2	11,200*	43.1	270.4	11,700*	44.4	274.1	11,300*	220
225	39.3	257.0	10,400*	40.2	260.3	10,800*	41.6	264.7	11,300*	42.9	268.7	10,600*	225
230	37.5	250.5	9,800*	38.5	253.9	10,100*	39.9	258.7	10,700*	41.3	262.9	10,000*	230
235	35.7	243.5	9,200*	36.7	247.2	9,500*	38.2	252.3	10,000*	39.6	256.9	9,400*	235
240	33.8	236.0	8,600*	34.9	240.0	8,900*	36.4	245.5	9,400*	37.9	250.4	8,900*	240
245	31.9	228.0	8,100*	33.0	232.3	8,400*	34.6	238.3	8,800*	36.1	243.6	8,300*	245
250	29.7	219.3	7,600*	30.9	224.0	7,800*	32.6	230.5	8,300*	34.3	236.2	7,800*	250
255	27.5	209.7	7,100*	28.8	214.9	7,300*	30.6	222.0	7,700*	32.3	228.3	7,300*	255
260	25.0	199.1	6,600*	26.4	205.0	6,800*	28.4	212.8	7,200*	30.2	219.7	6,800*	260
265	22.3	187.2	6,100*	23.8	193.8	6,400*	26.0	202.7	6,700*	28.0	210.4	6,400*	265
270	19.2	173.3	5,700*	21.0	181.1	5,900*	23.4	191.3	6,300*	25.6	200.0	5,900*	270
275	15.5	156.2	4,700*	17.6	166.0	5,500*	20.4	178.2	5,800*	22.9	188.4	5,500*	275
280				13.5	146.8	4,500*	17.0	162.6	5,400*	19.9	175.0	5,000*	280
285							12.6	142.3	4,900*	16.3	158.8	4,600*	285
290										11.7	137.1	4,200*	290

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

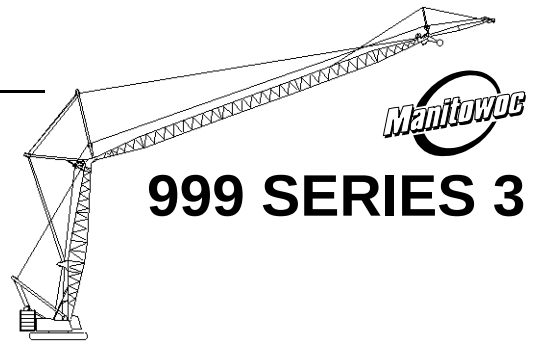
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

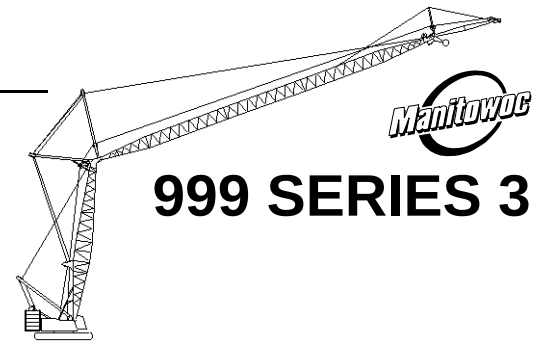
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

80 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.7	359.5	16,700*										90
95	73.6	358.0	16,600*										95
100	72.6	356.3	16,400*										100
105	71.5	354.6	16,200*	72.1	355.4	18,700*							105
110	70.4	352.8	16,000*	71.0	353.6	18,500*							110
115	69.3	350.9	15,800*	69.9	351.8	18,300*							115
120	68.2	348.9	15,600*	68.9	349.8	18,000*	69.8	350.9	18,100*				120
125	67.1	346.7	15,500*	67.8	347.7	17,800*	68.7	348.9	17,900*				125
130	66.0	344.4	15,200*	66.7	345.5	17,700*	67.6	346.8	17,600*				130
135	64.9	342.1	15,100*	65.5	343.2	17,400*	66.5	344.6	17,400*				135
140	63.8	339.6	14,900*	64.4	340.7	17,200*	65.3	342.3	17,400*	66.3	343.5	17,200*	140
145	62.6	336.9	14,700*	63.3	338.2	17,000*	64.2	339.8	17,200*	65.2	341.1	17,000*	145
150	61.5	334.2	14,500*	62.1	335.5	16,800*	63.1	337.2	16,900*	64.0	338.6	16,800*	150
155	60.3	331.3	14,400*	61.0	332.7	16,600*	61.9	334.5	16,700*	62.9	336.0	16,800*	155
160	59.1	328.3	14,200*	59.8	329.7	16,000*	60.8	331.7	16,700*	61.7	333.3	16,500*	160
165	57.9	325.1	14,000*	58.6	326.6	15,400*	59.6	328.7	16,100*	60.6	330.4	16,300*	165
170	56.7	321.8	13,900*	57.4	323.4	14,800*	58.4	325.6	15,500*	59.4	327.4	16,100*	170
175	55.5	318.3	13,700*	56.2	320.0	14,300*	57.2	322.3	14,900*	58.2	324.3	15,500*	175
180	54.2	314.6	13,400*	54.9	316.5	13,800*	55.9	318.9	14,400*	57.0	321.0	15,000*	180
185	52.9	310.8	12,900*	53.7	312.7	13,300*	54.7	315.3	13,900*	55.7	317.5	14,400*	185
190	51.6	306.8	12,500*	52.4	308.8	12,900*	53.4	311.6	13,400*	54.5	313.9	13,900*	190
195	50.3	302.6	12,100*	51.1	304.8	12,400*	52.1	307.6	13,000*	53.2	310.2	13,500*	195
200	49.0	298.2	11,700*	49.7	300.5	12,000*	50.8	303.5	12,500*	51.9	306.2	13,000*	200
205	47.6	293.6	11,300*	48.4	296.0	11,700*	49.5	299.2	12,100*	50.6	302.1	12,600*	205
210	46.2	288.8	11,000*	47.0	291.3	11,300*	48.1	294.7	11,800*	49.3	297.7	12,100	210
215	44.7	283.7	10,700*	45.5	286.3	11,000*	46.7	290.0	11,400*	47.9	293.1	11,400	215
220	43.3	278.4	10,300*	44.1	281.1	10,600*	45.3	285.0	11,100*	46.5	288.4	10,800	220
225	41.7	272.7	9,900*	42.6	275.7	10,300*	43.8	279.7	10,700*	45.0	283.3	10,100	225
230	40.1	266.8	9,300*	41.0	269.9	9,600*	42.3	274.2	10,200*	43.6	278.0	9,500	230
235	38.5	260.4	8,700*	39.4	263.8	9,000*	40.8	268.4	9,500*	42.1	272.5	8,900	235
240	36.8	253.7	8,100*	37.8	257.3	8,400*	39.2	262.2	8,900*	40.5	266.6	8,400	240
245	35.1	246.6	7,600*	36.1	250.4	7,900*	37.5	255.7	8,300*	38.9	260.3	7,800	245
250	33.2	239.0	7,100*	34.2	243.1	7,300*	35.8	248.7	7,800*	37.2	253.7	7,300	250
255	31.3	230.7	6,600*	32.4	235.2	6,800*	33.9	241.3	7,200*	35.4	246.7	6,800	255
260	29.2	221.8	6,100*	30.4	226.7	6,300*	32.0	233.3	6,700*	33.6	239.2	6,300	260
265	27.0	212.1	5,600*	28.2	217.4	5,900*	30.0	224.6	6,200*	31.7	231.1	5,900	265
270	24.5	201.3	5,200*	25.9	207.2	5,400*	27.8	215.2	5,800*	29.6	222.3	5,400	270
275	21.9	189.0	4,700*	23.4	195.8	5,000*	25.5	204.9	5,300*	27.4	212.7	5,000	275
280	18.8	174.9	4,300*	20.6	182.8	4,500*	22.9	193.2	4,900*	25.1	202.2	4,600	280
285				17.3	167.4	4,100*	20.1	179.9	4,500*	22.5	190.3	4,200	285
290							16.7	164.0	4,000*				290



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

80 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	331.2	14,600*										80
85	73.7	329.7	14,300*										85
90	72.6	328.1	14,100*										90
95	71.4	326.4	13,900*	72.0	327.2	16,100*							95
100	70.2	324.6	13,600*	70.8	325.4	15,800*							100
105	68.9	322.7	13,400*	69.6	323.5	15,500*							105
110	67.7	320.6	13,200*	68.4	321.5	15,300*	69.4	322.7	15,400*				110
115	66.5	318.4	13,000*	67.2	319.4	15,000*	68.2	320.7	15,100*				115
120	65.2	316.1	12,700*	65.9	317.2	14,800*	67.0	318.5	14,900*				120
125	64.0	313.6	12,500*	64.7	314.8	14,500*	65.7	316.3	14,600*	66.7	317.4	14,700*	125
130	62.7	311.0	12,300*	63.4	312.3	14,300*	64.5	313.9	14,400*	65.5	315.1	14,500*	130
135	61.4	308.3	12,100*	62.1	309.6	14,000*	63.2	311.3	14,200*	64.2	312.7	14,200*	135
140	60.1	305.4	11,900*	60.8	306.8	13,800*	61.9	308.6	13,900*	63.0	310.1	14,000*	140
145	58.8	302.3	11,700*	59.5	303.8	13,600*	60.6	305.8	13,700*	61.7	307.4	13,800*	145
150	57.4	299.1	11,600*	58.2	300.7	13,500*	59.3	302.8	13,500*	60.4	304.5	13,600*	150
155	56.0	295.8	11,400*	56.8	297.4	13,100*	57.9	299.7	13,400*	59.0	301.5	13,400*	155
160	54.7	292.2	11,200*	55.4	294.0	13,000*	56.6	296.4	13,100*	57.7	298.4	13,200*	160
165	53.2	288.5	11,000*	54.0	290.3	12,800*	55.2	292.9	12,900*	56.3	295.0	13,000*	165
170	51.8	284.5	10,900*	52.6	286.5	12,600*	53.8	289.2	12,700*	54.9	291.5	12,800*	170
175	50.3	280.4	10,800*	51.1	282.5	12,400*	52.4	285.3	12,500*	53.5	287.8	12,700*	175
180	48.8	276.0	10,600*	49.7	278.2	12,300*	50.9	281.3	12,300*	52.1	283.9	12,400*	180
185	47.3	271.4	10,400*	48.1	273.7	12,200*	49.4	277.0	12,200*	50.6	279.8	12,200*	185
190	45.7	266.5	10,300*	46.6	269.0	12,000*	47.9	272.4	12,000*	49.1	275.5	12,100*	190
195	44.1	261.3	10,100*	45.0	264.0	11,700*	46.3	267.7	11,800*	47.6	270.9	11,900*	195
200	42.4	255.9	10,000*	43.3	258.7	11,600*	44.7	262.6	11,700*	46.0	266.1	11,700*	200
205	40.6	250.0	9,900*	41.6	253.1	11,400*	43.0	257.3	11,600*	44.4	261.0	11,600*	205
210	38.8	243.9	9,700*	39.8	247.1	11,300*	41.3	251.6	11,400*	42.7	255.6	11,400*	210
215	37.0	237.3	9,600*	38.0	240.8	10,900*	39.5	245.6	11,200*	41.0	249.8	11,300*	215
220	35.0	230.2	9,500*	36.1	234.0	10,600*	37.7	239.1	11,000*	39.2	243.7	11,100*	220
225	32.9	222.5	9,400*	34.1	226.6	10,200*	35.8	232.2	10,700*	37.4	237.2	11,000*	225
230	30.7	214.2	9,300*	32.0	218.7	9,900*	33.7	224.8	10,300*	35.4	230.2	10,800*	230
235	28.4	205.1	9,200*	29.7	210.1	9,600*	31.6	216.8	10,000*	33.4	222.7	10,400*	235
240	25.8	195.0	9,000*	27.3	200.5	9,300*	29.3	208.0	9,700*	31.2	214.6	10,100*	240
245	23.0	183.6	8,700*	24.6	189.9	9,000*	26.8	198.3	9,400*	28.9	205.6	9,800*	245
250	19.8	170.3	8,500*	21.6	177.7	8,700*	24.1	187.4	9,100*	26.4	195.8	9,300	250
255	15.9	153.9	8,000*	18.2	163.3	8,500*	21.1	175.0	8,800*	23.6	184.7	8,800	255
260	10.7	131.4	6,100*	13.8	144.9	7,700*	17.5	160.0	8,600*	20.5	171.8	8,300	260
265				7.1	115.6	5,500*	13.0	140.6	8,200*	16.8	156.3	7,800	265
270							5.0	105.9	5,600*	12.0	135.6	7,400	270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

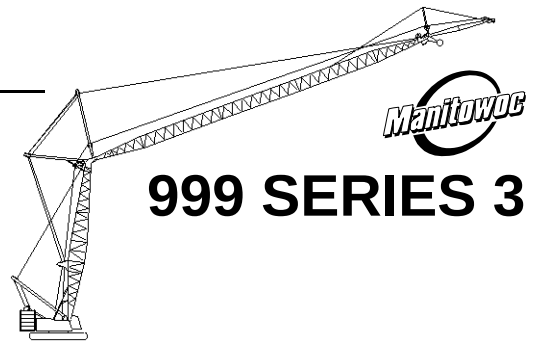
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

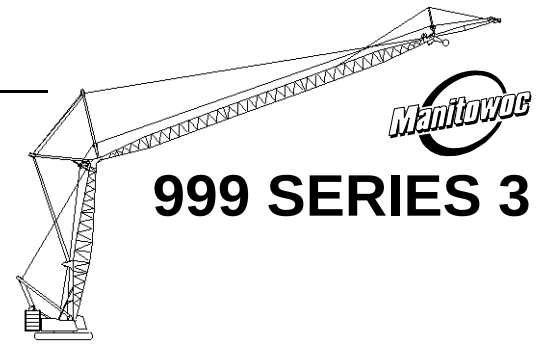
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

80 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	340.2	14,200*										85
90	73.2	338.6	13,900*										90
95	72.1	337.0	13,700*	72.7	337.7	15,900*							95
100	70.9	335.3	13,500*	71.6	336.0	15,600*							100
105	69.8	333.4	13,300*	70.4	334.2	15,400*							105
110	68.6	331.4	13,100*	69.3	332.3	15,100*							110
115	67.4	329.3	12,900*	68.1	330.3	14,900*	69.1	331.5	15,000*				115
120	66.2	327.1	12,700*	66.9	328.1	14,700*	67.9	329.4	14,800*				120
125	65.0	324.8	12,500*	65.7	325.9	14,500*	66.7	327.3	14,600*				125
130	63.8	322.3	12,300*	64.5	323.5	14,200*	65.5	325.0	14,300*	66.5	326.1	14,400*	130
135	62.6	319.7	12,100*	63.3	320.9	14,000*	64.3	322.5	14,100*	65.3	323.8	14,200*	135
140	61.3	316.9	11,900*	62.0	318.3	13,800*	63.1	320.0	14,000*	64.1	321.4	14,000*	140
145	60.1	314.1	11,700*	60.8	315.5	13,500*	61.8	317.3	13,700*	62.8	318.8	13,700*	145
150	58.8	311.0	11,500*	59.5	312.5	13,300*	60.6	314.5	13,500*	61.6	316.1	13,500*	150
155	57.5	307.8	11,300*	58.2	309.4	13,200*	59.3	311.5	13,200*	60.4	313.2	13,400*	155
160	56.2	304.5	11,200*	56.9	306.1	12,900*	58.0	308.3	13,100*	59.1	310.2	13,100*	160
165	54.9	300.9	11,100*	55.6	302.7	12,800*	56.7	305.0	12,800*	57.8	307.0	12,900*	165
170	53.5	297.2	10,800*	54.3	299.1	12,600*	55.4	301.6	12,700*	56.5	303.7	12,800*	170
175	52.1	293.3	10,700*	52.9	295.3	12,300*	54.0	297.9	12,600*	55.1	300.2	12,500*	175
180	50.7	289.2	10,600*	51.5	291.3	12,200*	52.7	294.1	12,300*	53.8	296.5	12,400*	180
185	49.3	284.9	10,400*	50.1	287.1	12,000*	51.3	290.1	12,100*	52.4	292.7	12,300*	185
190	47.8	280.4	10,200*	48.6	282.7	11,900*	49.8	285.9	11,900*	51.0	288.6	12,000*	190
195	46.3	275.6	10,100*	47.1	278.1	11,700*	48.4	281.4	11,800*	49.6	284.4	11,900*	195
200	44.7	270.6	10,100*	45.6	273.2	11,500*	46.9	276.7	11,600*	48.1	279.9	11,700*	200
205	43.2	265.2	9,900*	44.0	268.0	11,200*	45.4	271.8	11,500*	46.6	275.2	11,700*	205
210	41.5	259.6	9,700*	42.4	262.6	10,900*	43.8	266.6	11,300*	45.1	270.2	11,500*	210
215	39.8	253.6	9,600*	40.8	256.8	10,500*	42.2	261.1	11,000*	43.5	264.9	11,300*	215
220	38.0	247.3	9,500*	39.0	250.6	10,100*	40.5	255.2	10,600*	41.9	259.4	11,000*	220
225	36.2	240.5	9,400*	37.2	244.1	9,800*	38.7	249.0	10,200*	40.2	253.5	10,700*	225
230	34.3	233.2	9,200*	35.4	237.1	9,500*	36.9	242.4	9,900*	38.4	247.2	10,300*	230
235	32.3	225.4	8,900*	33.4	229.6	9,200*	35.0	235.4	9,600*	36.6	240.5	10,000*	235
240	30.1	216.9	8,600*	31.3	221.5	8,900*	33.1	227.7	9,300*	34.7	233.3	9,700*	240
245	27.8	207.5	8,400*	29.1	212.6	8,600*	31.0	219.5	9,000*	32.7	225.6	9,300	245
250	25.3	197.2	8,100*	26.7	202.9	8,400*	28.7	210.5	8,700*	30.6	217.3	8,700	250
255	22.5	185.5	7,900*	24.1	192.0	8,100*	26.3	200.6	8,500*	28.3	208.1	8,200	255
260	19.4	171.9	7,600*	21.2	179.5	7,800*	23.6	189.5	8,200*	25.8	198.0	7,800	260
265	15.6	155.3	6,500*	17.8	164.8	7,300*	20.6	176.7	7,700*	23.1	186.7	7,300	265
270	10.4	132.2	4,800*	13.5	146.0	6,300*	17.1	161.5	7,200*	20.1	173.5	6,800	270
275				6.9	116.1	4,200*	12.7	141.7	6,700*	16.5	157.7	6,400	275
280							4.9	106.3	4,300*	11.7	136.6	5,900	280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

80 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.0	350.6	14,000*										85
90	73.9	349.1	13,800*										90
95	72.8	347.5	13,600*										95
100	71.7	345.9	13,400*	72.3	346.6	15,500*							100
105	70.6	344.1	13,200*	71.2	344.9	15,300*							105
110	69.4	342.2	13,000*	70.1	343.0	15,000*							110
115	68.3	340.2	12,800*	68.9	341.1	14,800*	69.9	342.2	14,900*				115
120	67.2	338.1	12,600*	67.8	339.0	14,600*	68.7	340.2	14,600*				120
125	66.0	335.8	12,400*	66.7	336.9	14,400*	67.6	338.2	14,400*				125
130	64.8	333.5	12,200*	65.5	334.6	14,100*	66.5	336.0	14,300*				130
135	63.7	331.0	12,000*	64.3	332.2	13,900*	65.3	333.7	14,000*	66.3	334.8	14,100*	135
140	62.5	328.4	11,800*	63.2	329.6	13,700*	64.1	331.2	13,800*	65.1	332.5	13,800*	140
145	61.3	325.6	11,600*	62.0	326.9	13,500*	63.0	328.6	13,700*	63.9	330.0	13,600*	145
150	60.1	322.7	11,500*	60.8	324.1	13,300*	61.8	326.0	13,400*	62.7	327.5	13,500*	150
155	58.8	319.7	11,300*	59.5	321.2	13,100*	60.6	323.1	13,200*	61.5	324.7	13,400*	155
160	57.6	316.5	11,100*	58.3	318.1	12,900*	59.3	320.1	13,000*	60.3	321.9	13,100*	160
165	56.3	313.2	11,100*	57.0	314.8	12,700*	58.1	317.0	12,800*	59.1	318.9	12,900*	165
170	55.1	309.7	10,800*	55.8	311.4	12,500*	56.8	313.7	12,700*	57.9	315.7	12,700*	170
175	53.8	306.0	10,700*	54.5	307.8	12,500*	55.6	310.3	12,500*	56.6	312.4	12,500*	175
180	52.4	302.1	10,500*	53.2	304.1	12,200*	54.3	306.7	12,300*	55.3	308.9	12,500*	180
185	51.1	298.1	10,500*	51.8	300.1	12,000*	52.9	302.9	12,200*	54.0	305.3	12,200*	185
190	49.7	293.8	10,300*	50.5	296.0	12,000*	51.6	298.9	11,900*	52.7	301.5	12,100*	190
195	48.3	289.4	10,200*	49.1	291.7	11,700*	50.2	294.8	11,800*	51.4	297.5	11,800*	195
200	46.9	284.7	10,000*	47.7	287.1	11,600*	48.8	290.4	11,600*	50.0	293.3	11,700*	200
205	45.4	279.8	9,800*	46.2	282.3	11,400*	47.4	285.8	11,500*	48.6	288.9	11,600*	205
210	43.9	274.6	9,700*	44.7	277.3	11,200*	46.0	281.0	11,400*	47.2	284.2	11,400*	210
215	42.3	269.1	9,600*	43.2	271.9	11,100*	44.5	275.9	11,200*	45.7	279.4	11,300*	215
220	40.7	263.3	9,500*	41.6	266.3	10,700*	42.9	270.5	11,100*	44.2	274.2	11,100*	220
225	39.0	257.1	9,400*	40.0	260.4	10,400*	41.3	264.8	10,800*	42.6	268.8	11,000*	225
230	37.3	250.6	9,300*	38.3	254.1	10,000*	39.7	258.8	10,500*	41.0	263.1	10,600	230
235	35.5	243.6	9,200*	36.5	247.4	9,700*	38.0	252.5	10,200*	39.4	257.0	10,000	235
240	33.6	236.2	9,100*	34.7	240.2	9,500*	36.2	245.7	9,800*	37.7	250.6	9,400	240
245	31.6	228.2	8,700*	32.8	232.5	8,900*	34.4	238.4	9,400*	35.9	243.7	8,900	245
250	29.5	219.4	8,100*	30.7	224.2	8,400*	32.4	230.6	8,800*	34.0	236.3	8,400	250
255	27.3	209.9	7,600*	28.5	215.1	7,900*	30.4	222.2	8,300*	32.1	228.4	7,900	255
260	24.8	199.3	7,200*	26.2	205.1	7,400*	28.2	213.0	7,800*	30.0	219.9	7,400	260
265	22.1	187.4	6,700*	23.6	194.0	6,900*	25.8	202.8	7,300*	27.8	210.5	6,900	265
270	19.0	173.5	6,300*	20.8	181.3	6,500*	23.2	191.5	6,800*	25.3	200.2	6,500	270
275	15.3	156.5	5,200*	17.4	166.3	6,100*	20.2	178.5	6,400*	22.7	188.6	6,100	275
280				13.3	147.1	5,000*	16.8	162.9	6,000*	19.7	175.2	5,600	280
285							12.4	142.7	5,500*	16.1	159.1	5,200	285
290										11.5	137.6	4,800	290

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

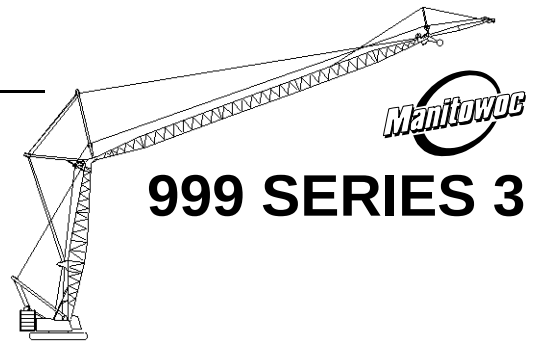
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

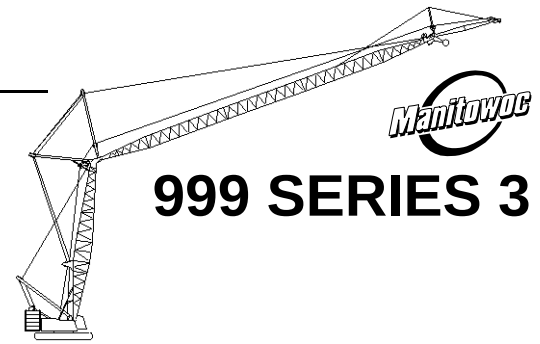
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

80 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.5	359.5	13,600*										90
95	73.4	358.0	13,400*										95
100	72.3	356.4	13,200*	72.9	357.1	15,300*							100
105	71.3	354.7	13,000*	71.9	355.5	15,100*							105
110	70.2	352.9	12,800*	70.8	353.7	14,800*							110
115	69.1	351.0	12,600*	69.7	351.8	14,600*							115
120	68.0	348.9	12,500*	68.6	349.9	14,400*	69.5	351.0	14,500*				120
125	66.9	346.8	12,300*	67.5	347.8	14,200*	68.4	349.0	14,300*				125
130	65.8	344.5	12,100*	66.4	345.6	14,000*	67.3	346.9	14,100*				130
135	64.7	342.2	11,900*	65.3	343.3	13,900*	66.2	344.7	13,900*				135
140	63.5	339.7	11,700*	64.2	340.8	13,600*	65.1	342.4	13,700*	66.0	343.5	13,800*	140
145	62.4	337.0	11,600*	63.0	338.3	13,400*	64.0	339.9	13,500*	64.9	341.2	13,500*	145
150	61.2	334.3	11,400*	61.9	335.6	13,200*	62.8	337.3	13,300*	63.8	338.7	13,300*	150
155	60.1	331.4	11,200*	60.7	332.8	13,000*	61.7	334.6	13,100*	62.6	336.1	13,100*	155
160	58.9	328.3	11,200*	59.6	329.8	12,900*	60.5	331.8	12,900*	61.5	333.4	13,000*	160
165	57.7	325.2	11,000*	58.4	326.7	12,700*	59.4	328.8	12,700*	60.3	330.5	12,800*	165
170	56.5	321.8	10,900*	57.2	323.5	12,500*	58.2	325.7	12,700*	59.1	327.5	12,600*	170
175	55.2	318.4	10,600*	55.9	320.1	12,400*	56.9	322.4	12,400*	57.9	324.4	12,500*	175
180	54.0	314.7	10,600*	54.7	316.6	12,100*	55.7	319.0	12,300*	56.7	321.1	12,400*	180
185	52.7	310.9	10,400*	53.4	312.8	12,000*	54.5	315.4	12,200*	55.5	317.6	12,100*	185
190	51.4	306.9	10,300*	52.1	308.9	11,800*	53.2	311.7	12,000*	54.3	314.0	12,100*	190
195	50.1	302.7	10,100*	50.8	304.9	11,800*	51.9	307.7	11,800*	53.0	310.3	11,900*	195
200	48.7	298.3	9,900*	49.5	300.6	11,500*	50.6	303.6	11,600*	51.7	306.3	11,700*	200
205	47.4	293.7	9,800*	48.1	296.1	11,500*	49.3	299.3	11,400*	50.4	302.2	11,500*	205
210	46.0	288.9	9,700*	46.7	291.4	11,100*	47.9	294.8	11,300*	49.0	297.8	11,400*	210
215	44.5	283.8	9,600*	45.3	286.5	10,700*	46.5	290.1	11,200*	47.7	293.3	11,300*	215
220	43.0	278.5	9,400*	43.9	281.3	10,400*	45.1	285.1	10,800*	46.3	288.5	11,200*	220
225	41.5	272.8	9,300*	42.4	275.8	10,000*	43.6	279.8	10,500*	44.8	283.4	10,600	225
230	39.9	266.9	9,200*	40.8	270.0	9,700*	42.1	274.3	10,100*	43.4	278.2	10,000	230
235	38.3	260.6	9,200*	39.2	263.9	9,400*	40.5	268.5	9,800*	41.8	272.6	9,400	235
240	36.6	253.9	8,600*	37.6	257.4	8,900*	38.9	262.3	9,400*	40.3	266.7	8,900	240
245	34.8	246.7	8,100*	35.8	250.6	8,400*	37.3	255.8	8,800*	38.7	260.5	8,300	245
250	33.0	239.1	7,600*	34.0	243.2	7,900*	35.5	248.8	8,300*	37.0	253.9	7,800	250
255	31.0	230.9	7,100*	32.1	235.3	7,300*	33.7	241.4	7,800*	35.2	246.8	7,300	255
260	29.0	222.0	6,600*	30.1	226.8	6,900*	31.8	233.4	7,300*	33.4	239.3	6,800	260
265	26.8	212.2	6,100*	28.0	217.6	6,400*	29.8	224.8	6,800*	31.5	231.2	6,400	265
270	24.3	201.5	5,700*	25.7	207.4	5,900*	27.6	215.4	6,300*	29.4	222.5	5,900	270
275	21.7	189.3	5,300*	23.2	196.0	5,500*	25.3	205.0	5,800*	27.2	212.9	5,500	275
280	18.6	175.1	4,900*	20.4	183.1	5,100*	22.7	193.5	5,400*	24.9	202.4	5,100	280
285				17.1	167.7	4,700*	19.9	180.2	5,000*	22.3	190.5	4,700	285
290							16.5	164.3	4,600*	19.3	176.9	4,300	290
295							12.2	143.7	4,100*				295



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

80 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.0	368.5	13,200*										95
100	73.0	366.9	13,000*										100
105	71.9	365.3	12,900*	72.5	366.0	14,900*							105
110	70.9	363.6	12,600*	71.5	364.3	14,600*							110
115	69.9	361.7	12,500*	70.4	362.5	14,400*							115
120	68.8	359.7	12,300*	69.4	360.6	14,200*							120
125	67.7	357.7	12,100*	68.3	358.6	14,000*	69.2	359.8	14,100*				125
130	66.7	355.5	12,000*	67.3	356.5	13,800*	68.2	357.8	14,000*				130
135	65.6	353.2	11,800*	66.2	354.3	13,700*	67.1	355.6	13,700*				135
140	64.5	350.8	11,700*	65.1	352.0	13,500*	66.0	353.4	13,500*	66.9	354.5	13,600*	140
145	63.4	348.3	11,500*	64.0	349.5	13,300*	64.9	351.0	13,400*	65.8	352.3	13,500*	145
150	62.3	345.7	11,300*	62.9	346.9	13,100*	63.9	348.6	13,200*	64.8	349.9	13,300*	150
155	61.2	342.9	11,200*	61.8	344.3	12,900*	62.8	346.0	13,100*	63.7	347.4	13,000*	155
160	60.1	340.0	11,100*	60.7	341.4	12,700*	61.6	343.3	12,800*	62.6	344.8	13,000*	160
165	58.9	337.0	10,900*	59.6	338.5	12,600*	60.5	340.4	12,700*	61.4	342.0	12,700*	165
170	57.8	333.8	10,700*	58.4	335.4	12,400*	59.4	337.5	12,500*	60.3	339.2	12,500*	170
175	56.6	330.5	10,700*	57.3	332.2	12,200*	58.2	334.4	12,400*	59.2	336.2	12,400*	175
180	55.4	327.1	10,400*	56.1	328.8	12,100*	57.1	331.1	12,300*	58.0	333.1	12,300*	180
185	54.2	323.5	10,300*	54.9	325.3	12,000*	55.9	327.7	12,100*	56.8	329.8	12,200*	185
190	53.0	319.7	10,200*	53.7	321.6	11,800*	54.7	324.1	12,000*	55.7	326.4	12,000*	190
195	51.7	315.7	10,000*	52.4	317.7	11,700*	53.5	320.4	11,700*	54.5	322.8	11,700*	195
200	50.5	311.6	9,900*	51.2	313.7	11,200*	52.2	316.5	11,600*	53.2	319.0	11,600*	200
205	49.2	307.3	9,800*	49.9	309.5	10,900*	51.0	312.5	11,300*	52.0	315.1	11,500*	205
210	47.8	302.7	9,700*	48.6	305.1	10,500*	49.7	308.2	10,900*	50.7	311.0	11,300*	210
215	46.5	298.0	9,600*	47.2	300.4	10,100*	48.4	303.8	10,600*	49.4	306.7	11,000*	215
220	45.1	293.0	9,400*	45.9	295.6	9,800*	47.0	299.1	10,200*	48.1	302.3	10,600*	220
225	43.7	287.8	9,200*	44.5	290.5	9,500*	45.7	294.2	9,900*	46.8	297.6	10,100	225
230	42.2	282.3	8,900*	43.1	285.2	9,200*	44.3	289.1	9,600*	45.4	292.6	9,500	230
235	40.7	276.5	8,600*	41.6	279.6	8,900*	42.8	283.7	9,300*	44.0	287.5	8,900	235
240	39.2	270.4	8,100*	40.1	273.6	8,400*	41.3	278.1	8,900*	42.6	282.0	8,300	240
245	37.6	263.9	7,600*	38.5	267.4	7,900*	39.8	272.1	8,300*	41.1	276.3	7,800	245
250	35.9	257.1	7,100*	36.9	260.7	7,400*	38.2	265.8	7,800*	39.5	270.3	7,300	250
255	34.2	249.8	6,600*	35.2	253.7	6,800*	36.6	259.1	7,300*	37.9	263.9	6,800	255
260	32.4	242.0	6,100*	33.4	246.2	6,400*	34.9	251.9	6,700*	36.3	257.1	6,300	260
265	30.5	233.6	5,600*	31.6	238.1	5,900*	33.1	244.3	6,300*	34.6	249.9	5,900	265
270	28.5	224.5	5,200*	29.6	229.4	5,400*	31.2	236.2	5,800*	32.8	242.2	5,400	270
275	26.3	214.5	4,800*	27.5	220.0	5,000*	29.3	227.4	5,300*	30.9	233.9	5,000	275
280	23.9	203.5	4,400*	25.3	209.6	4,600*	27.1	217.8	4,900*	28.9	225.0	4,600	280
285	21.3	191.1	4,000*	22.8	198.0	4,200*	24.9	207.2	4,500*	26.8	215.3	4,200	285
290							22.3	195.4	4,100*				290

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

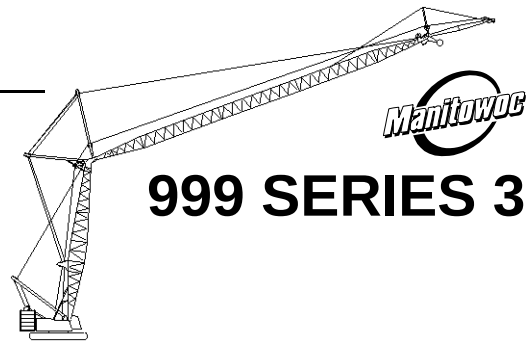
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	73.8	322.1	40,600*										70
75	72.3	320.5	40,300*										75
80	70.8	318.8	40,100*	72.1	320.0	46,900*							80
85	69.3	316.9	39,700*	70.6	318.2	46,700*							85
90	67.8	314.9	39,200*	69.1	316.3	46,300*							90
95	66.3	312.7	38,200*	67.6	314.3	44,400*	69.5	316.1	46,300*				95
100	64.7	310.4	36,300*	66.0	312.1	42,500*	67.9	314.1	46,200*				100
105	63.1	307.9	34,400*	64.5	309.7	40,600*	66.4	311.9	44,500*				105
110	61.5	305.2	32,600*	62.9	307.1	38,700*	64.8	309.6	42,000	66.8	311.4	39,400	110
115	59.9	302.3	30,900*	61.3	304.4	36,800*	63.3	307.1	39,300	65.2	309.1	36,800	115
120	58.2	299.2	29,200*	59.6	301.5	35,000*	61.7	304.4	36,900	63.6	306.6	34,500	120
125	56.6	296.0	27,600*	58.0	298.4	33,100*	60.0	301.5	34,600	62.0	304.0	32,300	125
130	54.8	292.5	26,100*	56.3	295.1	31,400*	58.4	298.5	32,600	60.4	301.2	30,300	130
135	53.1	288.7	24,600*	54.5	291.6	29,700*	56.7	295.2	30,700	58.8	298.2	28,500	135
140	51.3	284.8	23,200*	52.8	287.8	28,000*	55.0	291.7	28,900	57.1	295.0	26,900	140
145	49.4	280.5	22,000*	51.0	283.8	26,500*	53.2	288.0	27,300	55.4	291.6	25,300	145
150	47.5	276.0	20,800*	49.1	279.5	25,000*	51.4	284.1	25,800	53.6	287.9	23,900	150
155	45.5	271.2	19,600*	47.2	274.9	23,600*	49.6	279.9	24,400	51.8	284.0	22,500	155
160	43.5	266.0	18,600*	45.2	270.0	22,300*	47.7	275.4	23,000	50.0	279.9	21,300	160
165	41.4	260.4	17,600*	43.2	264.8	21,000*	45.7	270.6	21,800	48.1	275.4	20,100	165
170	39.2	254.3	16,700*	41.0	259.1	19,900*	43.7	265.4	20,700	46.2	270.7	19,000	170
175	36.8	247.8	15,800*	38.8	253.0	18,800*	41.6	259.8	19,600	44.2	265.6	18,000	175
180	34.4	240.7	15,100*	36.4	246.4	17,800*	39.4	253.9	18,500	42.1	260.2	17,000	180
185	31.7	232.8	14,300*	34.0	239.1	16,900*	37.0	247.4	17,600	39.9	254.3	16,100	185
190	28.9	224.0	13,700*	31.3	231.1	16,100*	34.6	240.3	16,600	37.6	247.9	15,200	190
195	25.7	214.1	13,100*	28.4	222.2	15,300*	32.0	232.5	15,800	35.2	241.0	14,300	195
200	22.2	202.5	12,600*	25.2	212.0	14,600*	29.1	223.8	14,900	32.6	233.4	13,600	200
205	17.9	188.3	12,200*	21.5	200.1	14,000*	26.0	214.0	14,100	29.8	224.9	12,800	205
210	12.3	169.0	12,000*	17.1	185.3	13,500*	22.5	202.5	13,400	26.8	215.4	12,100	210
215				11.1	164.5	13,100*	18.3	188.6	12,600	23.4	204.4	11,400	215
220							12.8	169.9	11,900	19.4	191.2	10,700	220
225										14.3	174.1	10,100	225
230										5.7	143.9	9,400	230



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.6	332.5	37,700*										70
75	73.2	331.0	37,500*										75
80	71.8	329.4	36,800*	73.0	330.5	43,000*							80
85	70.4	327.6	36,500*	71.6	328.8	42,800*							85
90	68.9	325.7	36,200*	70.1	327.0	42,600*							90
95	67.5	323.6	35,900*	68.7	325.1	42,200*							95
100	66.0	321.4	34,900*	67.2	323.0	40,600*	69.0	324.9	42,200*				100
105	64.5	319.1	33,300*	65.7	320.8	39,000*	67.6	322.8	42,200*				105
110	63.0	316.5	31,700*	64.2	318.4	37,300*	66.1	320.6	41,400				110
115	61.5	313.8	30,100*	62.7	315.8	35,700*	64.6	318.3	38,700	66.5	320.1	36,100	115
120	59.9	311.0	28,600*	61.2	313.1	34,000*	63.1	315.7	36,200	65.0	317.8	33,800	120
125	58.3	307.9	27,100*	59.6	310.2	32,400*	61.6	313.1	34,000	63.5	315.3	31,600	125
130	56.7	304.6	25,700*	58.1	307.1	30,800*	60.0	310.2	31,900	62.0	312.7	29,700	130
135	55.1	301.2	24,400*	56.4	303.8	29,200*	58.5	307.1	30,000	60.4	309.8	27,900	135
140	53.4	297.5	23,100*	54.8	300.3	27,800*	56.9	303.9	28,300	58.8	306.8	26,200	140
145	51.7	293.6	21,800*	53.1	296.6	26,300*	55.2	300.5	26,700	57.2	303.7	24,700	145
150	49.9	289.4	20,700*	51.4	292.6	24,900*	53.5	296.8	25,200	55.6	300.3	23,200	150
155	48.1	285.0	19,600*	49.7	288.4	23,600*	51.8	292.9	23,700	54.0	296.7	21,900	155
160	46.3	280.3	18,600*	47.8	283.9	22,400*	50.1	288.8	22,400	52.3	292.8	20,600	160
165	44.4	275.2	17,700*	46.0	279.2	21,200*	48.3	284.4	21,200	50.5	288.7	19,500	165
170	42.4	269.8	16,800*	44.1	274.1	20,100*	46.5	279.7	20,000	48.7	284.4	18,400	170
175	40.3	264.0	15,900*	42.1	268.6	19,000*	44.5	274.7	19,000	46.9	279.8	17,300	175
180	38.2	257.8	15,100*	40.0	262.7	18,100*	42.6	269.3	17,900	45.0	274.8	16,300	180
185	35.9	251.0	14,400*	37.8	256.4	17,100*	40.5	263.5	17,000	43.0	269.6	15,400	185
190	33.5	243.6	13,800*	35.5	249.6	16,300*	38.4	257.3	16,100	41.0	263.9	14,600	190
195	30.9	235.5	13,200*	33.1	242.1	15,500*	36.1	250.6	15,200	38.9	257.8	13,700	195
200	28.2	226.5	12,600*	30.5	233.8	14,800*	33.7	243.3	14,400	36.7	251.2	12,900	200
205	25.1	216.3	12,100*	27.7	224.6	14,100*	31.2	235.2	13,600	34.3	244.0	12,200	205
210	21.6	204.4	11,700*	24.6	214.2	13,500*	28.4	226.3	12,800	31.8	236.2	11,500	210
215	17.5	189.8	11,300*	21.0	201.9	13,000*	25.4	216.2	12,100	29.1	227.5	10,800	215
220	12.0	170.0	11,200*	16.7	186.7	12,500*	21.9	204.4	11,400	26.1	217.7	10,100	220
225				10.8	165.4	11,900*	17.9	190.2	10,700	22.8	206.4	9,500	225
230							12.5	171.0	10,100	18.9	192.9	8,900	230
235										14.0	175.3	8,300	235
240										5.5	144.3	7,700	240

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

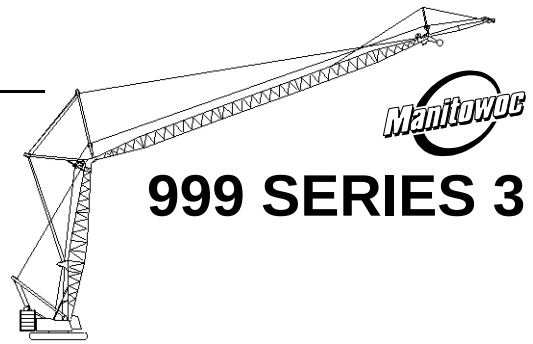
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

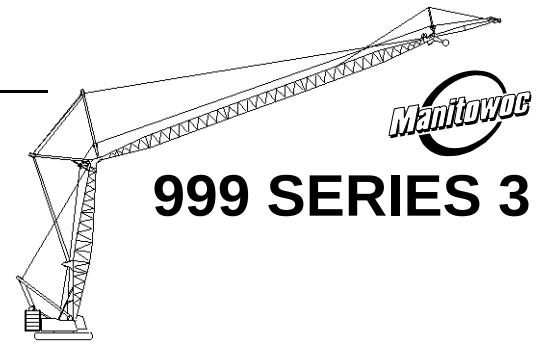
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.0	341.5	34,400*										75
80	72.6	339.9	33,900*										80
85	71.3	338.2	33,600*	72.4	339.4	39,200*							85
90	69.9	336.4	33,300*	71.1	337.7	39,000*							90
95	68.5	334.5	33,100*	69.7	335.8	38,800*							95
100	67.1	332.4	32,700*	68.3	333.8	38,600*							100
105	65.7	330.1	32,100*	66.9	331.7	37,200*	68.6	333.6	38,500*				105
110	64.3	327.7	30,600*	65.5	329.5	35,800*	67.2	331.5	38,400*				110
115	62.9	325.2	29,200*	64.1	327.0	34,300*	65.8	329.3	38,300*				115
120	61.4	322.5	27,800*	62.6	324.5	32,900*	64.4	326.9	35,900	66.2	328.8	33,400	120
125	59.9	319.6	26,500*	61.1	321.7	31,500*	63.0	324.4	33,600	64.8	326.5	31,300	125
130	58.4	316.6	25,200*	59.7	318.8	30,000*	61.5	321.7	31,600	63.3	324.0	29,300	130
135	56.9	313.3	24,000*	58.1	315.7	28,700*	60.0	318.9	29,700	61.9	321.3	27,500	135
140	55.3	309.9	22,800*	56.6	312.5	27,300*	58.5	315.8	27,900	60.4	318.5	25,800	140
145	53.7	306.3	21,700*	55.0	309.0	26,000*	57.0	312.6	26,300	58.9	315.5	24,300	145
150	52.1	302.4	20,600*	53.5	305.3	24,700*	55.4	309.2	24,800	57.4	312.3	22,900	150
155	50.4	298.3	19,500*	51.8	301.4	23,500*	53.9	305.6	23,400	55.8	309.0	21,500	155
160	48.7	294.0	18,600*	50.2	297.3	22,300*	52.2	301.7	22,100	54.2	305.4	20,300	160
165	47.0	289.3	17,600*	48.4	292.9	21,200*	50.6	297.6	20,900	52.6	301.6	19,100	165
170	45.2	284.4	16,800*	46.7	288.3	20,200*	48.9	293.3	19,700	51.0	297.6	18,000	170
175	43.3	279.2	16,000*	44.9	283.3	19,200*	47.1	288.7	18,600	49.3	293.3	17,000	175
180	41.4	273.6	15,200*	43.0	278.0	18,200*	45.3	283.8	17,600	47.5	288.8	16,000	180
185	39.4	267.6	14,500*	41.1	272.4	17,300*	43.5	278.6	16,600	45.8	284.0	15,100	185
190	37.3	261.2	13,800*	39.0	266.3	16,500*	41.5	273.1	15,700	43.9	278.9	14,200	190
195	35.1	254.2	13,200*	36.9	259.7	15,700*	39.5	267.1	14,900	42.0	273.4	13,400	195
200	32.7	246.6	12,600*	34.7	252.7	14,900*	37.5	260.7	14,000	40.0	267.5	12,600	200
205	30.2	238.2	12,100*	32.3	245.0	14,300*	35.3	253.8	13,200	38.0	261.2	11,900	205
210	27.5	228.9	11,600*	29.8	236.5	13,600*	32.9	246.2	12,500	35.8	254.4	11,200	210
215	24.5	218.4	11,200*	27.0	227.0	13,100*	30.4	237.9	11,800	33.5	247.0	10,500	215
220	21.1	206.2	10,900*	24.0	216.3	12,400	27.7	228.7	11,100	31.0	238.9	9,800	220
225	17.1	191.3	10,600*	20.5	203.7	11,700	24.8	218.3	10,400	28.4	230.0	9,200	225
230	11.7	170.9	10,300*	16.3	188.1	11,000	21.4	206.3	9,800	25.5	219.9	8,600	230
235				10.5	166.2	10,300*	17.4	191.7	9,200	22.3	208.3	8,000	235
240							12.2	172.0	8,600	18.5	194.4	7,500	240
245										13.7	176.4	6,900	245
250										5.4	144.8	6,300	250



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.7	351.9	31,400*										75
80	73.4	350.4	31,100*										80
85	72.1	348.8	30,900*										85
90	70.8	347.1	30,600*	71.9	348.2	36,400*							90
95	69.5	345.2	30,400*	70.6	346.5	35,500*							95
100	68.2	343.2	30,100*	69.3	344.6	35,300*							100
105	66.8	341.1	29,800*	68.0	342.6	35,000*	69.6	344.4	35,200*				105
110	65.5	338.8	29,400*	66.6	340.4	34,100*	68.3	342.4	35,000*				110
115	64.1	336.4	28,200*	65.3	338.2	32,900*	66.9	340.3	34,900*				115
120	62.7	333.9	26,900*	63.9	335.7	31,600*	65.6	338.0	34,800*				120
125	61.3	331.2	25,700*	62.5	333.1	30,300*	64.2	335.6	33,000	65.9	337.5	30,600	125
130	59.9	328.3	24,600*	61.1	330.4	29,100*	62.8	333.1	31,000	64.6	335.2	28,700	130
135	58.5	325.2	23,400*	59.7	327.5	27,900*	61.4	330.4	29,100	63.2	332.7	26,900	135
140	57.0	322.0	22,300*	58.2	324.4	26,600*	60.0	327.5	27,300	61.8	330.0	25,200	140
145	55.5	318.6	21,300*	56.8	321.2	25,400*	58.6	324.5	25,700	60.4	327.2	23,700	145
150	54.0	315.0	20,300*	55.3	317.7	24,300*	57.1	321.3	24,200	58.9	324.2	22,200	150
155	52.5	311.2	19,300*	53.7	314.1	23,200*	55.6	317.9	22,800	57.5	321.0	20,900	155
160	50.9	307.2	18,400*	52.2	310.2	22,100*	54.1	314.3	21,500	56.0	317.7	19,600	160
165	49.3	302.9	17,500*	50.6	306.2	21,100*	52.6	310.5	20,300	54.5	314.1	18,500	165
170	47.6	298.4	16,700*	49.0	301.9	20,100*	51.0	306.5	19,100	53.0	310.4	17,400	170
175	45.9	293.6	15,900*	47.3	297.3	19,100*	49.4	302.2	18,000	51.4	306.4	16,300	175
180	44.1	288.5	15,200*	45.6	292.5	18,200*	47.7	297.7	17,000	49.8	302.2	15,400	180
185	42.3	283.1	14,500*	43.8	287.3	17,400*	46.0	293.0	16,000	48.1	297.8	14,500	185
190	40.4	277.3	13,800*	42.0	281.8	16,500*	44.3	287.9	15,100	46.4	293.1	13,600	190
195	38.5	271.1	13,200*	40.1	276.0	15,800*	42.5	282.5	14,300	44.7	288.1	12,800	195
200	36.4	264.4	12,600*	38.1	269.7	14,900	40.6	276.8	13,400	42.9	282.8	12,000	200
205	34.3	257.2	12,100*	36.1	263.0	14,100	38.6	270.6	12,700	41.0	277.1	11,300	205
210	32.0	249.4	11,600*	33.9	255.7	13,300	36.6	264.0	11,900	39.1	271.1	10,600	210
215	29.5	240.8	11,100*	31.6	247.8	12,600	34.5	256.8	11,200	37.1	264.6	9,900	215
220	26.9	231.3	10,700*	29.1	239.0	11,800	32.2	249.1	10,500	35.0	257.6	9,200	220
225	24.0	220.5	10,400*	26.4	229.3	11,200	29.7	240.6	9,900	32.7	250.0	8,600	225
230	20.6	208.0	10,100*	23.4	218.3	10,500	27.1	231.1	9,300	30.3	241.6	8,000	230
235	16.7	192.7	9,900*	20.0	205.4	9,900	24.2	220.5	8,700	27.8	232.4	7,500	235
240	11.4	171.9	8,500*	15.9	189.5	9,300	20.9	208.1	8,100	24.9	222.1	6,900	240
245				10.3	167.1	8,600*	17.0	193.1	7,500	21.8	210.2	6,400	245
250							11.9	173.0	7,000	18.1	196.0	5,900	250
255										13.3	177.6	5,400	255
260										5.3	145.2	4,800	260

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

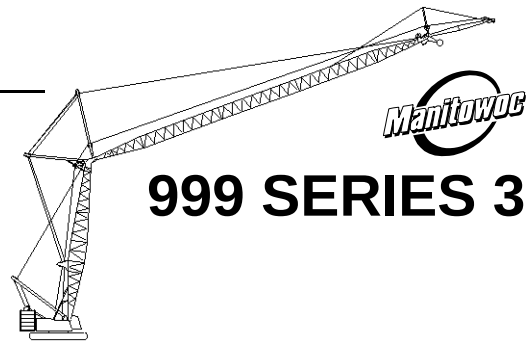
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

120 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

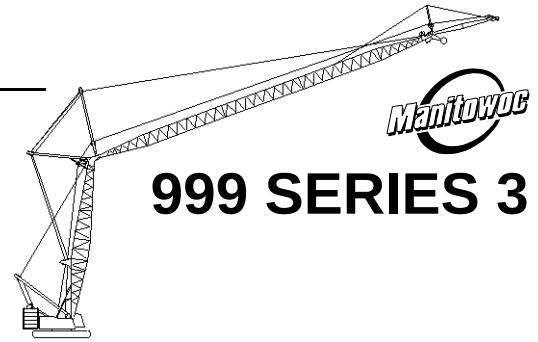
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.1	360.9	28,600*										80
85	72.9	359.3	28,400*										85
90	71.6	357.7	28,100*	72.7	358.8	32,700*							90
95	70.4	355.9	27,900*	71.4	357.1	32,500*							95
100	69.1	354.0	27,600*	70.2	355.3	32,300*							100
105	67.8	352.0	27,400*	68.9	353.4	32,000*							105
110	66.6	349.8	27,100*	67.6	351.3	31,800*	69.2	353.2	32,000*				110
115	65.3	347.5	26,900*	66.3	349.2	31,300*	68.0	351.1	31,900*				115
120	63.9	345.1	26,000*	65.0	346.9	30,200*	66.7	349.0	31,700*				120
125	62.6	342.5	24,900*	63.7	344.4	29,100*	65.4	346.7	31,600*	67.0	348.5	30,100	125
130	61.3	339.8	23,800*	62.4	341.8	28,000*	64.1	344.3	30,400	65.7	346.2	28,100	130
135	59.9	336.9	22,800*	61.1	339.1	26,900*	62.7	341.7	28,500	64.4	343.9	26,300	135
140	58.5	333.9	21,800*	59.7	336.2	25,900*	61.4	339.0	26,800	63.1	341.3	24,700	140
145	57.1	330.7	20,900*	58.3	333.1	24,800*	60.0	336.2	25,200	61.7	338.7	23,100	145
150	55.7	327.3	19,900*	56.9	329.9	23,800*	58.7	333.1	23,700	60.4	335.8	21,700	150
155	54.3	323.7	19,000*	55.5	326.4	22,700*	57.3	330.0	22,300	59.0	332.8	20,400	155
160	52.8	320.0	18,200*	54.0	322.8	21,700*	55.8	326.6	21,000	57.6	329.7	19,100	160
165	51.3	316.0	17,300*	52.5	319.0	20,800*	54.4	323.0	19,700	56.2	326.4	17,900	165
170	49.7	311.8	16,600*	51.0	315.0	19,900*	52.9	319.3	18,600	54.7	322.9	16,800	170
175	48.2	307.4	15,800*	49.5	310.8	19,000*	51.4	315.3	17,500	53.3	319.1	15,800	175
180	46.5	302.7	15,100*	47.9	306.3	18,100*	49.9	311.1	16,500	51.8	315.2	14,900	180
185	44.9	297.7	14,400*	46.3	301.6	17,100	48.3	306.7	15,500	50.2	311.1	13,900	185
190	43.2	292.4	13,800*	44.6	296.6	16,200	46.7	302.1	14,600	48.7	306.8	13,100	190
195	41.4	286.8	13,200*	42.9	291.2	15,300	45.0	297.1	13,800	47.1	302.2	12,300	195
200	39.5	280.9	12,600*	41.1	285.6	14,400	43.3	291.9	12,900	45.4	297.3	11,500	200
205	37.6	274.5	12,100*	39.2	279.5	13,600	41.5	286.3	12,200	43.7	292.1	10,700	205
210	35.6	267.6	11,600*	37.3	273.1	12,800	39.7	280.4	11,400	42.0	286.6	10,000	210
215	33.5	260.2	11,100*	35.3	266.2	12,100	37.8	274.0	10,700	40.1	280.8	9,400	215
220	31.3	252.2	10,700*	33.2	258.7	11,400	35.8	267.2	10,100	38.3	274.5	8,700	220
225	28.9	243.4	10,300*	30.9	250.5	10,700	33.7	259.9	9,400	36.3	267.8	8,100	225
230	26.3	233.6	10,000*	28.5	241.6	10,000	31.5	251.9	8,800	34.2	260.6	7,500	230
235	23.4	222.6	9,700*	25.9	231.6	9,400	29.1	243.1	8,200	32.0	252.8	7,000	235
240	20.2	209.7	9,400*	22.9	220.3	8,800	26.5	233.5	7,600	29.7	244.3	6,400	240
245	16.3	194.1	8,500*	19.6	207.1	8,200	23.7	222.5	7,100	27.2	234.8	5,900	245
250	11.2	172.8	7,000*	15.6	190.8	7,700	20.5	209.9	6,500	24.4	224.2	5,400	250
255				10.1	167.9	7,000*	16.7	194.6	6,000	21.3	212.1	4,900	255
260							11.7	174.0	5,500	17.7	197.5	4,400	260
265										13.1	178.7	4,000	265



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	73.6	330.9	35,400*										75
80	72.2	329.3	35,100*										80
85	70.8	327.5	34,900*	72.0	328.7	40,800*							85
90	69.4	325.6	34,600*	70.6	326.9	40,200*							90
95	67.9	323.5	34,400*	69.1	325.0	38,300*							95
100	66.4	321.3	33,900*	67.7	322.9	36,500*	69.5	324.8	39,300*				100
105	64.9	319.0	32,600*	66.2	320.6	34,900*	68.0	322.7	37,500*				105
110	63.4	316.4	31,000*	64.7	318.3	33,400*	66.5	320.5	35,800*				110
115	61.9	313.7	29,400*	63.2	315.7	31,900*	65.1	318.1	34,300*	66.9	320.0	36,600*	115
120	60.3	310.8	27,900*	61.6	313.0	30,600*	63.6	315.6	32,900*	65.4	317.7	34,700	120
125	58.8	307.8	26,500*	60.1	310.1	29,400*	62.0	312.9	31,500*	63.9	315.2	32,500	125
130	57.1	304.5	25,100*	58.5	307.0	28,200*	60.5	310.1	30,300*	62.4	312.6	30,600	130
135	55.5	301.1	23,700*	56.9	303.7	27,000*	58.9	307.0	29,100*	60.8	309.7	28,700	135
140	53.8	297.4	22,400*	55.2	300.2	26,000*	57.3	303.8	27,900*	59.3	306.7	27,100	140
145	52.1	293.5	21,200*	53.6	296.5	25,000*	55.6	300.3	26,900*	57.7	303.5	25,500	145
150	50.4	289.3	20,100*	51.8	292.5	23,900*	54.0	296.7	25,900*	56.0	300.1	24,100	150
155	48.6	284.9	19,000*	50.1	288.3	22,600*	52.3	292.8	24,600	54.4	296.5	22,700	155
160	46.7	280.1	18,000*	48.3	283.8	21,400*	50.5	288.6	23,300	52.7	292.7	21,500	160
165	44.8	275.1	17,000*	46.4	279.0	20,200*	48.7	284.2	22,000	50.9	288.6	20,300	165
170	42.8	269.7	16,100*	44.5	273.9	19,100*	46.9	279.5	20,900	49.2	284.3	19,200	170
175	40.8	263.9	15,300*	42.5	268.5	18,100*	45.0	274.5	19,800	47.3	279.6	18,200	175
180	38.6	257.6	14,500*	40.4	262.6	17,100*	43.0	269.1	18,800	45.4	274.7	17,200	180
185	36.3	250.9	13,800*	38.2	256.3	16,200*	40.9	263.4	17,800	43.5	269.4	16,200	185
190	33.9	243.5	13,100*	35.9	249.4	15,400*	38.8	257.2	16,900	41.4	263.7	15,400	190
195	31.4	235.3	12,500*	33.5	241.9	14,600*	36.5	250.4	16,000	39.3	257.6	14,500	195
200	28.6	226.3	11,900*	30.9	233.6	13,900*	34.1	243.1	15,200	37.1	251.0	13,700	200
205	25.5	216.0	11,400*	28.1	224.4	13,200*	31.6	235.0	14,400	34.7	243.9	13,000	205
210	22.0	204.1	11,000*	25.0	213.9	12,600*	28.8	226.1	13,600	32.2	236.0	12,300	210
215	17.8	189.5	10,600*	21.4	201.6	12,100*	25.8	215.9	12,900	29.5	227.3	11,600	215
220	12.3	169.5	10,400*	17.1	186.4	11,600*	22.3	204.2	12,200	26.5	217.5	10,900	220
225				11.1	164.8	11,300*	18.2	189.8	11,500	23.2	206.1	10,300	225
230							12.8	170.5	10,800	19.3	192.5	9,700	230
235										14.3	174.8	9,100	235
240										5.7	143.2	8,400	240

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

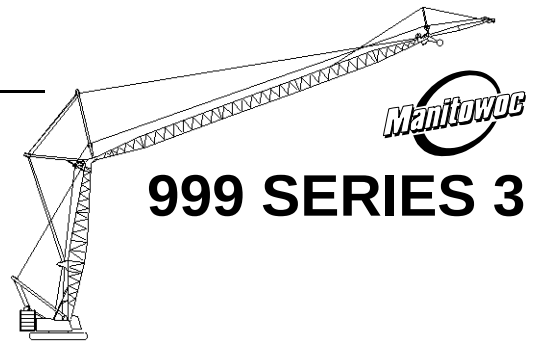
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.4	341.4	32,700*										75
80	73.1	339.8	32,500*										80
85	71.7	338.1	32,300*	72.8	339.3	37,700*							85
90	70.3	336.3	32,100*	71.5	337.6	37,600*							90
95	68.9	334.4	31,900*	70.1	335.7	36,600*							95
100	67.6	332.3	31,700*	68.7	333.7	34,900*							100
105	66.1	330.0	31,200*	67.3	331.6	33,400*	69.1	333.5	35,800*				105
110	64.7	327.6	30,000*	65.9	329.4	31,900*	67.7	331.4	34,200*				110
115	63.3	325.1	28,600*	64.5	326.9	30,600*	66.3	329.2	32,800*				115
120	61.8	322.4	27,200*	63.0	324.4	29,300*	64.8	326.8	31,400*	66.6	328.7	33,400*	120
125	60.3	319.5	25,900*	61.6	321.6	28,100*	63.4	324.3	30,100*	65.2	326.4	31,900	125
130	58.8	316.4	24,600*	60.1	318.7	27,000*	61.9	321.6	28,900*	63.7	323.9	29,900	130
135	57.3	313.2	23,400*	58.6	315.6	25,900*	60.4	318.7	27,800*	62.3	321.2	28,100	135
140	55.7	309.8	22,200*	57.0	312.4	24,900*	58.9	315.7	26,700*	60.8	318.4	26,400	140
145	54.1	306.1	21,100*	55.5	308.9	24,000*	57.4	312.5	25,700*	59.3	315.4	24,900	145
150	52.5	302.3	20,000*	53.9	305.2	23,100*	55.9	309.1	24,700*	57.8	312.2	23,400	150
155	50.8	298.2	18,900*	52.2	301.3	22,300*	54.3	305.4	23,900*	56.2	308.8	22,100	155
160	49.1	293.8	18,000*	50.6	297.2	21,400*	52.6	301.6	22,700	54.6	305.3	20,800	160
165	47.4	289.2	17,000*	48.8	292.8	20,300*	51.0	297.5	21,400	53.0	301.5	19,700	165
170	45.6	284.3	16,200*	47.1	288.1	19,200*	49.3	293.2	20,300	51.4	297.5	18,500	170
175	43.7	279.1	15,400*	45.3	283.2	18,200*	47.5	288.6	19,200	49.7	293.2	17,500	175
180	41.8	273.5	14,600*	43.4	277.9	17,300*	45.7	283.7	18,200	48.0	288.7	16,500	180
185	39.8	267.4	13,900*	41.5	272.2	16,400*	43.9	278.5	17,200	46.2	283.9	15,600	185
190	37.7	261.0	13,200*	39.4	266.1	15,600*	41.9	272.9	16,300	44.3	278.7	14,700	190
195	35.5	254.0	12,600*	37.3	259.6	14,800*	39.9	267.0	15,400	42.4	273.2	13,900	195
200	33.1	246.4	12,000*	35.1	252.5	14,100*	37.8	260.5	14,600	40.4	267.4	13,100	200
205	30.6	238.0	11,500*	32.7	244.8	13,400*	35.6	253.6	13,800	38.4	261.1	12,400	205
210	27.9	228.7	11,000*	30.2	236.3	12,800*	33.3	246.0	13,000	36.2	254.3	11,700	210
215	24.9	218.2	10,600*	27.4	226.8	12,200*	30.8	237.7	12,300	33.9	246.9	11,000	215
220	21.5	205.9	10,200*	24.4	216.0	11,700*	28.1	228.5	11,600	31.4	238.8	10,300	220
225	17.4	190.9	9,900*	20.9	203.4	11,200*	25.1	218.1	11,000	28.8	229.8	9,700	225
230	12.0	170.4	9,700*	16.6	187.8	10,900*	21.8	206.0	10,300	25.9	219.7	9,100	230
235				10.8	165.7	10,600*	17.8	191.3	9,700	22.6	208.1	8,500	235
240							12.5	171.5	9,100	18.8	194.1	8,000	240
245										14.0	176.0	7,400	245
250										5.5	143.5	6,800	250



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

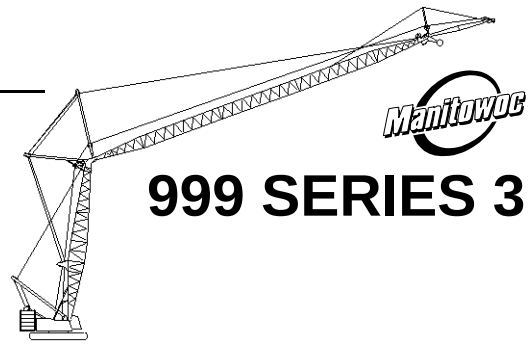
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	73.8	350.3	30,900*										80
85	72.5	348.7	29,900*										85
90	71.2	347.0	29,700*	72.3	348.1	34,800*							90
95	69.9	345.1	29,500*	71.0	346.4	34,600*							95
100	68.6	343.1	29,200*	69.7	344.5	34,400*							100
105	67.2	341.0	29,000*	68.4	342.5	34,200*							105
110	65.9	338.7	28,700*	67.0	340.3	32,800*	68.7	342.3	34,000*				110
115	64.5	336.3	27,700*	65.7	338.0	31,500*	67.3	340.2	33,700*				115
120	63.1	333.8	26,400*	64.3	335.6	30,200*	66.0	337.9	32,400*				120
125	61.7	331.0	25,200*	62.9	333.0	29,100*	64.6	335.5	31,100*	66.3	337.4	31,500	125
130	60.3	328.2	24,100*	61.5	330.3	28,000*	63.2	333.0	29,900*	65.0	335.1	29,500	130
135	58.9	325.1	22,900*	60.1	327.4	26,900*	61.8	330.3	28,800*	63.6	332.5	27,700	135
140	57.4	321.9	21,900*	58.6	324.3	25,800*	60.4	327.4	27,800*	62.2	329.9	26,000	140
145	55.9	318.5	20,800*	57.2	321.0	24,600*	59.0	324.4	26,500	60.8	327.0	24,500	145
150	54.4	314.9	19,800*	55.7	317.6	23,400*	57.5	321.2	25,000	59.3	324.1	23,100	150
155	52.8	311.1	18,800*	54.1	314.0	22,300*	56.0	317.8	23,600	57.9	320.9	21,700	155
160	51.3	307.0	17,900*	52.6	310.1	21,200*	54.5	314.2	22,300	56.4	317.5	20,500	160
165	49.6	302.8	17,000*	51.0	306.0	20,200*	53.0	310.4	21,100	54.9	314.0	19,300	165
170	48.0	298.2	16,200*	49.4	301.7	19,200*	51.4	306.4	19,900	53.3	310.3	18,200	170
175	46.3	293.4	15,400*	47.7	297.2	18,300*	49.8	302.1	18,800	51.8	306.3	17,200	175
180	44.5	288.3	14,600*	46.0	292.3	17,400*	48.1	297.6	17,800	50.2	302.1	16,200	180
185	42.7	282.9	13,900*	44.2	287.2	16,500*	46.4	292.8	16,800	48.5	297.7	15,300	185
190	40.8	277.1	13,300*	42.4	281.7	15,700*	44.7	287.8	15,900	46.8	293.0	14,400	190
195	38.9	270.9	12,700*	40.5	275.8	14,900*	42.9	282.4	15,100	45.1	288.0	13,600	195
200	36.8	264.3	12,100*	38.5	269.6	14,200*	41.0	276.6	14,200	43.3	282.6	12,800	200
205	34.6	257.1	11,600*	36.5	262.8	13,600*	39.0	270.4	13,400	41.4	277.0	12,000	205
210	32.4	249.2	11,100*	34.3	255.5	12,900*	37.0	263.8	12,700	39.5	270.9	11,300	210
215	29.9	240.6	10,600*	32.0	247.6	12,400*	34.8	256.7	12,000	37.5	264.4	10,700	215
220	27.2	231.1	10,200*	29.5	238.8	11,800*	32.5	248.9	11,300	35.4	257.4	10,000	220
225	24.3	220.3	9,800*	26.8	229.1	11,400*	30.1	240.4	10,700	33.1	249.8	9,400	225
230	21.0	207.7	9,500*	23.8	218.0	10,900*	27.5	230.9	10,000	30.7	241.4	8,800	230
235	17.0	192.4	9,300*	20.4	205.1	10,500*	24.6	220.2	9,400	28.1	232.2	8,200	235
240	11.7	171.4	9,100*	16.3	189.1	10,000	21.3	207.8	8,800	25.3	221.9	7,700	240
245				10.5	166.5	9,300*	17.4	192.8	8,300	22.1	209.9	7,100	245
250							12.2	172.5	7,700	18.4	195.7	6,600	250
255										13.7	177.1	6,100	255
260										5.4	143.9	5,500	260

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82

219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

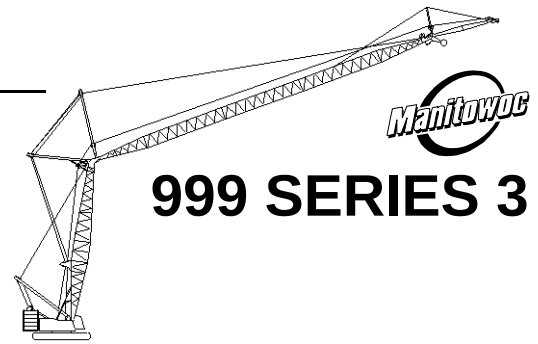
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.5	360.8	27,900*										80
85	73.3	359.2	27,700*										85
90	72.0	357.6	27,400*										90
95	70.8	355.8	27,200*	71.8	357.0	31,900*							95
100	69.5	353.9	27,000*	70.6	355.2	31,700*							100
105	68.2	351.9	26,800*	69.3	353.3	31,500*							105
110	66.9	349.7	26,500*	68.0	351.2	31,300*	69.6	353.0	31,300*				110
115	65.6	347.4	26,300*	66.7	349.1	30,300*	68.3	351.0	31,200*				115
120	64.3	345.0	25,500*	65.4	346.7	29,100*	67.1	348.9	31,100*				120
125	63.0	342.4	24,400*	64.1	344.3	28,000*	65.8	346.6	29,900*				125
130	61.7	339.7	23,400*	62.8	341.7	27,000*	64.4	344.2	28,800*	66.1	346.1	28,900	130
135	60.3	336.8	22,400*	61.4	338.9	26,000*	63.1	341.6	27,700*	64.8	343.7	27,100	135
140	58.9	333.8	21,400*	60.1	336.0	25,000*	61.8	338.9	26,700*	63.4	341.2	25,400	140
145	57.5	330.6	20,400*	58.7	333.0	24,000*	60.4	336.1	25,800*	62.1	338.5	23,900	145
150	56.1	327.2	19,500*	57.3	329.7	23,000*	59.0	333.0	24,400	60.7	335.7	22,400	150
155	54.6	323.6	18,600*	55.8	326.3	21,900*	57.6	329.8	23,000	59.4	332.7	21,100	155
160	53.2	319.8	17,700*	54.4	322.7	20,900*	56.2	326.5	21,700	58.0	329.6	19,800	160
165	51.6	315.9	16,900*	52.9	318.9	20,000*	54.8	322.9	20,500	56.5	326.2	18,700	165
170	50.1	311.7	16,100*	51.4	314.9	19,100*	53.3	319.2	19,300	55.1	322.7	17,600	170
175	48.5	307.2	15,300*	49.8	310.7	18,200*	51.8	315.2	18,200	53.6	319.0	16,500	175
180	46.9	302.5	14,600*	48.3	306.2	17,300*	50.2	311.0	17,200	52.1	315.1	15,600	180
185	45.2	297.6	13,900*	46.6	301.4	16,500*	48.7	306.6	16,200	50.6	311.0	14,600	185
190	43.5	292.3	13,300*	45.0	296.4	15,700*	47.0	301.9	15,300	49.0	306.6	13,800	190
195	41.7	286.7	12,700*	43.2	291.1	15,000*	45.4	297.0	14,500	47.4	302.0	13,000	195
200	39.9	280.7	12,100*	41.5	285.4	14,300*	43.7	291.7	13,600	45.8	297.1	12,200	200
205	38.0	274.3	11,600*	39.6	279.4	13,700*	41.9	286.1	12,900	44.1	292.0	11,400	205
210	36.0	267.5	11,100*	37.7	272.9	13,000*	40.1	280.2	12,100	42.3	286.5	10,700	210
215	33.9	260.0	10,600*	35.7	266.0	12,500*	38.2	273.9	11,400	40.5	280.6	10,100	215
220	31.6	252.0	10,200*	33.5	258.5	11,900*	36.2	267.0	10,700	38.6	274.4	9,400	220
225	29.2	243.2	9,800*	31.3	250.3	11,400*	34.1	259.7	10,100	36.6	267.7	8,800	225
230	26.6	233.4	9,500*	28.8	241.3	10,700	31.8	251.7	9,500	34.6	260.4	8,200	230
235	23.8	222.3	9,100*	26.2	231.4	10,100	29.5	242.9	8,900	32.4	252.6	7,600	235
240	20.5	209.4	8,900*	23.3	220.0	9,500	26.9	233.2	8,300	30.0	244.1	7,100	240
245	16.6	193.7	8,700*	19.9	206.8	8,900	24.0	222.3	7,700	27.5	234.6	6,600	245
250	11.4	172.3	7,600*	15.9	190.5	8,300	20.8	209.6	7,200	24.7	224.0	6,100	250
255				10.3	167.3	7,700*	17.0	194.2	6,700	21.6	211.8	5,600	255
260							12.0	173.5	6,100	18.0	197.2	5,100	260
265										13.3	178.2	4,600	265
270										5.2	144.3	4,100	270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

120 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	73.9	369.7	26,100*										85
90	72.8	368.1	25,400*										90
95	71.6	366.4	25,200*	72.6	367.5	29,400*							95
100	70.4	364.6	24,900*	71.4	365.8	29,300*							100
105	69.1	362.7	24,700*	70.2	364.0	29,100*							105
110	67.9	360.6	24,500*	68.9	362.0	28,900*							110
115	66.7	358.4	24,300*	67.7	360.0	28,600*	69.2	361.8	28,600*				115
120	65.4	356.1	24,000*	66.5	357.8	27,700*	68.0	359.8	28,500*				120
125	64.2	353.7	23,600*	65.2	355.4	26,600*	66.8	357.6	28,400*				125
130	62.9	351.1	22,600*	64.0	353.0	25,600*	65.5	355.3	27,300*				130
135	61.6	348.4	21,700*	62.7	350.4	24,700*	64.3	352.9	26,300*	65.8	354.8	26,500	135
140	60.3	345.5	20,800*	61.4	347.6	23,800*	63.0	350.3	25,300*	64.6	352.4	24,900	140
145	59.0	342.4	19,900*	60.1	344.7	22,900*	61.7	347.6	24,400*	63.3	349.9	23,300	145
150	57.6	339.3	19,100*	58.7	341.6	22,100*	60.4	344.7	23,600*	62.0	347.2	21,900	150
155	56.2	335.9	18,200*	57.4	338.4	21,400*	59.1	341.7	22,500	60.7	344.4	20,500	155
160	54.9	332.3	17,400*	56.0	335.0	20,500*	57.7	338.5	21,200	59.4	341.4	19,300	160
165	53.4	328.6	16,700*	54.6	331.4	19,600*	56.4	335.2	20,000	58.0	338.2	18,100	165
170	52.0	324.7	15,900*	53.2	327.7	18,800*	55.0	331.6	18,800	56.7	334.9	17,000	170
175	50.5	320.5	15,200*	51.8	323.7	18,000*	53.6	327.9	17,700	55.3	331.4	16,000	175
180	49.0	316.2	14,500*	50.3	319.5	17,200*	52.1	324.0	16,700	53.9	327.8	15,000	180
185	47.5	311.6	13,900*	48.8	315.1	16,400*	50.7	319.9	15,700	52.5	323.9	14,100	185
190	45.9	306.7	13,300*	47.2	310.5	15,700*	49.1	315.5	14,800	51.0	319.8	13,300	190
195	44.3	301.6	12,700*	45.6	305.6	15,000*	47.6	311.0	14,000	49.5	315.6	12,400	195
200	42.6	296.1	12,100*	44.0	300.4	14,300*	46.0	306.1	13,100	48.0	311.0	11,700	200
205	40.9	290.4	11,600*	42.3	294.9	13,700*	44.4	301.0	12,400	46.4	306.3	10,900	205
210	39.1	284.2	11,100*	40.6	289.1	13,000	42.7	295.6	11,600	44.8	301.2	10,200	210
215	37.2	277.6	10,600*	38.8	282.9	12,300	41.0	289.8	10,900	43.1	295.9	9,500	215
220	35.2	270.6	10,200*	36.9	276.2	11,600	39.2	283.7	10,200	41.4	290.2	8,900	220
225	33.2	263.0	9,800*	34.9	269.1	10,900	37.4	277.2	9,600	39.7	284.2	8,300	225
230	31.0	254.7	9,400*	32.8	261.4	10,300	35.4	270.2	9,000	37.8	277.7	7,700	230
235	28.6	245.7	9,100*	30.6	253.0	9,600	33.3	262.6	8,400	35.9	270.9	7,100	235
240	26.1	235.6	8,800*	28.2	243.8	9,000	31.2	254.4	7,800	33.8	263.4	6,600	240
245	23.3	224.3	8,500*	25.6	233.6	8,500	28.8	245.4	7,300	31.7	255.4	6,100	245
250	20.1	211.2	8,300*	22.8	222.0	7,900	26.3	235.5	6,700	29.4	246.6	5,600	250
255	16.3	195.1	7,600*	19.5	208.5	7,400	23.5	224.3	6,200	26.9	236.9	5,100	255
260	11.2	173.2	6,100*	15.6	191.8	6,800	20.4	211.3	5,700	24.2	226.1	4,600	260
265				10.1	168.1	6,200*	16.6	195.6	5,200	21.2	213.6	4,200	265
270							11.7	174.4	4,800				270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

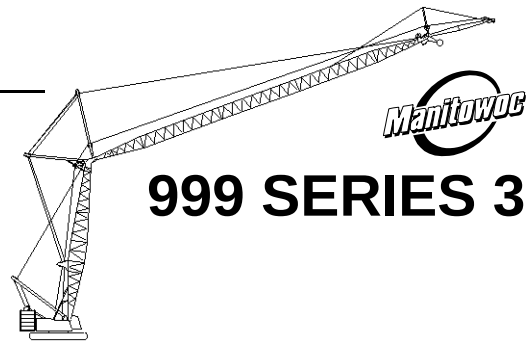
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.9	341.6	29,300*										75
80	73.6	340.1	29,100*										80
85	72.2	338.4	29,000*										85
90	70.8	336.6	28,800*	72.0	337.8	33,400*							90
95	69.4	334.7	28,700*	70.6	336.0	33,000*							95
100	68.1	332.6	28,500*	69.2	334.1	32,600*							100
105	66.6	330.4	28,300*	67.8	332.0	32,300*	69.6	333.9	32,800*				105
110	65.2	328.1	28,100*	66.4	329.7	31,100*	68.2	331.8	32,500*				110
115	63.8	325.5	27,900*	65.0	327.4	29,700*	66.8	329.6	31,900*				115
120	62.3	322.9	26,800*	63.5	324.8	28,300*	65.3	327.2	30,500*				120
125	60.8	320.0	25,600*	62.1	322.1	27,100*	63.9	324.7	29,100*	65.7	326.8	31,100*	125
130	59.3	317.0	24,300*	60.6	319.2	26,000*	62.4	322.1	27,900*	64.3	324.3	29,800*	130
135	57.8	313.8	23,100*	59.1	316.2	24,900*	61.0	319.2	26,700*	62.8	321.7	28,500*	135
140	56.3	310.4	21,900*	57.6	312.9	23,900*	59.5	316.2	25,600*	61.3	318.9	27,300*	140
145	54.7	306.8	20,800*	56.0	309.5	22,900*	57.9	313.0	24,600*	59.8	315.9	25,700	145
150	53.0	303.0	19,700*	54.4	305.9	22,100*	56.4	309.7	23,700*	58.3	312.8	24,300	150
155	51.4	298.9	18,700*	52.8	302.0	21,200*	54.8	306.1	22,800*	56.8	309.4	22,900	155
160	49.7	294.6	17,700*	51.1	297.9	20,400*	53.2	302.3	21,900*	55.2	305.9	21,700	160
165	48.0	290.0	16,800*	49.4	293.6	19,700*	51.5	298.2	21,100*	53.6	302.2	20,500	165
170	46.2	285.2	15,900*	47.7	289.0	19,000*	49.8	294.0	20,400*	51.9	298.2	19,400	170
175	44.3	280.0	15,100*	45.9	284.1	18,100*	48.1	289.4	19,600*	50.2	294.0	18,300	175
180	42.4	274.5	14,300*	44.0	278.8	17,200*	46.3	284.6	19,000*	48.5	289.5	17,400	180
185	40.4	268.5	13,600*	42.1	273.2	16,200*	44.5	279.4	18,000	46.7	284.7	16,400	185
190	38.3	262.2	12,900*	40.1	267.2	15,400*	42.5	273.9	17,100	44.9	279.7	15,600	190
195	36.1	255.3	12,200*	38.0	260.8	14,600*	40.6	268.0	16,200	43.0	274.2	14,700	195
200	33.8	247.8	11,700*	35.7	253.8	13,900*	38.5	261.7	15,400	41.0	268.4	13,900	200
205	31.3	239.6	11,100*	33.4	246.2	13,200*	36.3	254.9	14,600	39.0	262.2	13,200	205
210	28.6	230.4	10,600*	30.9	237.8	12,500*	34.0	247.4	13,800	36.8	255.5	12,500	210
215	25.7	220.2	10,200*	28.2	228.5	11,900*	31.5	239.3	13,100	34.6	248.2	11,800	215
220	22.4	208.3	9,800*	25.2	218.0	11,400*	28.9	230.2	12,400	32.1	240.2	11,100	220
225	18.5	193.9	9,500*	21.8	205.8	10,900*	26.0	220.1	11,800	29.5	231.4	10,500	225
230	13.4	174.8	9,200*	17.7	190.9	10,500*	22.7	208.3	11,100	26.7	221.6	9,900	230
235				12.3	170.5	10,200*	18.8	194.2	10,500	23.5	210.3	9,300	235
240							13.9	175.7	9,900	19.8	196.8	8,800	240
245							4.6	140.2	9,200	15.2	179.7	8,200	245
250										8.1	152.5	7,600	250



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.3	350.6	27,500*										80
85	73.0	349.0	27,400*										85
90	71.7	347.3	27,300*	72.8	348.4	31,600*							90
95	70.4	345.4	27,100*	71.5	346.7	31,500*							95
100	69.1	343.5	26,900*	70.2	344.8	31,300*							100
105	67.7	341.4	26,800*	68.8	342.8	31,200*							105
110	66.4	339.1	26,600*	67.5	340.7	29,800*	69.2	342.6	30,900*				110
115	65.0	336.7	26,400*	66.1	338.4	28,400*	67.8	340.5	30,500*				115
120	63.6	334.2	25,800*	64.8	336.0	27,200*	66.5	338.3	29,200*				120
125	62.2	331.5	24,700*	63.4	333.5	26,000*	65.1	335.9	27,900*	66.8	337.8	29,700*	125
130	60.8	328.7	23,700*	62.0	330.8	24,900*	63.7	333.4	26,700*	65.4	335.5	28,500*	130
135	59.4	325.7	22,600*	60.6	327.9	23,900*	62.3	330.7	25,600*	64.1	333.0	27,300*	135
140	57.9	322.5	21,600*	59.1	324.8	22,900*	60.9	327.9	24,600*	62.7	330.3	26,200*	140
145	56.4	319.1	20,500*	57.7	321.6	22,000*	59.5	324.9	23,600*	61.3	327.5	25,100*	145
150	54.9	315.5	19,500*	56.2	318.2	21,200*	58.0	321.7	22,700*	59.8	324.6	23,600	150
155	53.4	311.7	18,500*	54.7	314.6	20,400*	56.5	318.4	21,800*	58.4	321.5	22,300	155
160	51.8	307.7	17,600*	53.1	310.8	19,700*	55.0	314.8	21,000*	56.9	318.1	21,000	160
165	50.2	303.5	16,700*	51.5	306.8	19,000*	53.5	311.1	20,200*	55.4	314.6	19,900	165
170	48.5	299.0	15,900*	49.9	302.5	18,300*	51.9	307.1	19,500*	53.9	310.9	18,800	170
175	46.8	294.3	15,100*	48.2	298.0	17,700*	50.3	302.9	18,900*	52.3	307.0	17,700	175
180	45.1	289.3	14,300*	46.5	293.2	17,100*	48.7	298.4	18,200*	50.7	302.9	16,700	180
185	43.3	283.9	13,600*	44.8	288.1	16,400*	47.0	293.7	17,400	49.1	298.5	15,800	185
190	41.4	278.2	13,000*	43.0	282.7	15,600*	45.2	288.7	16,500	47.4	293.8	14,900	190
195	39.4	272.0	12,300*	41.1	276.9	14,800*	43.4	283.3	15,600	45.6	288.9	14,100	195
200	37.4	265.5	11,800*	39.1	270.7	14,100*	41.6	277.7	14,800	43.9	283.6	13,300	200
205	35.3	258.4	11,200*	37.1	264.0	13,400*	39.6	271.6	14,000	42.0	278.0	12,600	205
210	33.0	250.7	10,700*	34.9	256.9	12,700*	37.6	265.0	13,300	40.1	272.0	11,900	210
215	30.6	242.2	10,200*	32.6	249.0	12,100*	35.5	258.0	12,500	38.1	265.6	11,200	215
220	28.0	232.8	9,800*	30.2	240.4	11,600*	33.2	250.3	11,900	36.0	258.7	10,500	220
225	25.1	222.3	9,400*	27.5	230.9	11,100*	30.8	241.9	11,200	33.8	251.2	9,900	225
230	21.9	210.1	9,100*	24.6	220.1	10,600*	28.2	232.7	10,600	31.4	243.0	9,300	230
235	18.0	195.4	8,800*	21.3	207.6	10,200*	25.4	222.2	10,000	28.8	233.9	8,800	235
240	13.1	175.8	8,700*	17.3	192.3	9,800*	22.1	210.2	9,400	26.1	223.8	8,200	240
245				12.0	171.4	9,600*	18.4	195.7	8,800	23.0	212.2	7,700	245
250							13.5	176.8	8,200	19.3	198.4	7,100	250
255							4.5	140.4	7,600	14.9	180.9	6,600	255
260										7.9	153.0	6,100	260

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

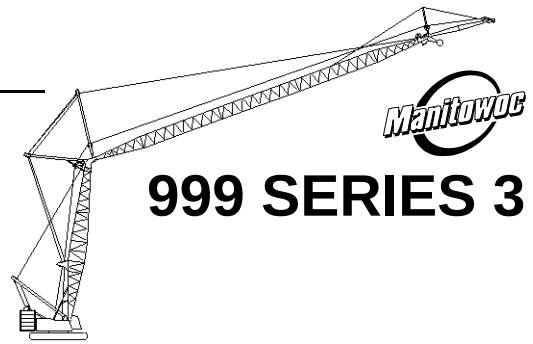
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

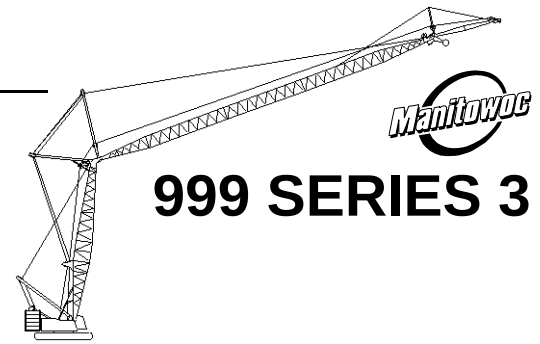
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	361.0	25,900*										80
85	73.7	359.5	25,800*										85
90	72.5	357.9	25,600*										90
95	71.2	356.1	25,500*	72.3	357.3	29,600*							95
100	70.0	354.2	25,300*	71.0	355.5	29,500*							100
105	68.7	352.2	25,200*	69.8	353.6	29,300*							105
110	67.4	350.1	25,000*	68.5	351.6	29,200*							110
115	66.1	347.8	24,800*	67.2	349.4	29,100*	68.8	351.4	28,900*				115
120	64.8	345.4	24,700*	65.9	347.1	28,000*	67.5	349.3	28,900*				120
125	63.5	342.9	24,100*	64.6	344.7	26,900*	66.2	347.0	28,800*				125
130	62.1	340.2	23,100*	63.3	342.1	25,800*	64.9	344.6	27,600*	66.5	346.5	28,000*	130
135	60.8	337.3	22,100*	61.9	339.4	24,800*	63.6	342.1	26,500*	65.2	344.2	27,700*	135
140	59.4	334.3	21,100*	60.5	336.5	23,800*	62.2	339.4	25,500*	63.9	341.7	26,300	140
145	58.0	331.1	20,100*	59.2	333.5	22,900*	60.9	336.6	24,500*	62.6	339.0	24,700	145
150	56.6	327.8	19,200*	57.8	330.3	22,100*	59.5	333.6	23,600*	61.2	336.2	23,300	150
155	55.1	324.2	18,300*	56.3	326.9	21,300*	58.1	330.4	22,700*	59.8	333.2	21,900	155
160	53.7	320.5	17,400*	54.9	323.3	20,500*	56.7	327.1	21,900*	58.5	330.1	20,700	160
165	52.1	316.6	16,600*	53.4	319.6	19,800*	55.2	323.5	21,100*	57.0	326.8	19,500	165
170	50.6	312.4	15,800*	51.9	315.6	19,000*	53.8	319.8	20,100	55.6	323.3	18,400	170
175	49.0	308.0	15,100*	50.4	311.4	18,100*	52.3	315.9	19,000	54.1	319.7	17,400	175
180	47.4	303.4	14,300*	48.8	307.0	17,300*	50.7	311.8	18,000	52.6	315.8	16,400	180
185	45.8	298.5	13,700*	47.2	302.3	16,500*	49.2	307.4	17,000	51.1	311.7	15,500	185
190	44.1	293.2	13,000*	45.5	297.3	15,700*	47.6	302.8	16,100	49.6	307.4	14,600	190
195	42.3	287.7	12,400*	43.8	292.0	14,900*	45.9	297.9	15,300	48.0	302.8	13,800	195
200	40.5	281.8	11,800*	42.0	286.4	14,200*	44.2	292.7	14,400	46.3	298.0	13,000	200
205	38.6	275.5	11,300*	40.2	280.5	13,500*	42.5	287.2	13,700	44.6	292.9	12,200	205
210	36.6	268.7	10,800*	38.3	274.1	12,900*	40.6	281.3	12,900	42.9	287.5	11,500	210
215	34.5	261.4	10,300*	36.2	267.2	12,300*	38.7	275.0	12,200	41.1	281.7	10,800	215
220	32.3	253.5	9,900*	34.1	259.8	11,700*	36.8	268.3	11,500	39.2	275.5	10,200	220
225	29.9	244.8	9,500*	31.9	251.8	11,200*	34.7	261.0	10,900	37.2	268.9	9,600	225
230	27.4	235.2	9,100*	29.5	243.0	10,700*	32.5	253.2	10,200	35.2	261.8	9,000	230
235	24.5	224.4	8,800*	26.9	233.2	10,300*	30.1	244.5	9,600	33.0	254.0	8,400	235
240	21.4	211.9	8,500*	24.1	222.2	9,900*	27.6	235.0	9,100	30.7	245.6	7,900	240
245	17.6	196.8	8,300*	20.8	209.3	9,500*	24.8	224.3	8,500	28.2	236.4	7,300	245
250	12.8	176.8	8,200*	16.9	193.7	9,100	21.7	212.0	8,000	25.5	226.0	6,800	250
255				11.7	172.4	8,500	18.0	197.2	7,400	22.4	214.1	6,300	255
260							13.2	177.8	6,900	18.9	200.0	5,900	260
265							4.4	140.7	6,300	14.5	182.1	5,400	265
270										7.7	153.6	4,900	270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	369.9	24,100*										85
90	73.2	368.4	24,000*										90
95	72.0	366.7	23,900*										95
100	70.8	364.9	23,700*	71.8	366.1	27,500*							100
105	69.6	363.0	23,500*	70.6	364.3	27,400*							105
110	68.4	361.0	23,400*	69.4	362.4	27,300*							110
115	67.1	358.8	23,200*	68.2	360.3	27,200*	69.7	362.2	27,000*				115
120	65.9	356.5	23,000*	66.9	358.2	27,000*	68.5	360.1	26,900*				120
125	64.6	354.1	22,900*	65.7	355.8	25,900*	67.2	358.0	26,900*				125
130	63.3	351.5	22,300*	64.4	353.4	24,900*	66.0	355.7	26,600*				130
135	62.0	348.8	21,400*	63.1	350.8	23,900*	64.7	353.3	25,600*	66.3	355.2	26,100*	135
140	60.7	346.0	20,500*	61.8	348.1	23,000*	63.4	350.7	24,600*	65.0	352.8	25,600	140
145	59.4	343.0	19,600*	60.5	345.2	22,100*	62.2	348.1	23,600*	63.8	350.3	24,100	145
150	58.1	339.8	18,800*	59.2	342.2	21,300*	60.9	345.2	22,800*	62.5	347.7	22,600	150
155	56.7	336.5	18,000*	57.9	339.0	20,600*	59.5	342.2	21,900*	61.2	344.9	21,300	155
160	55.3	333.0	17,200*	56.5	335.6	19,900*	58.2	339.1	21,200*	59.8	341.9	20,000	160
165	53.9	329.3	16,400*	55.1	332.1	19,200*	56.8	335.8	20,400*	58.5	338.8	18,900	165
170	52.5	325.4	15,600*	53.7	328.4	18,500*	55.4	332.3	19,500	57.2	335.5	17,800	170
175	51.0	321.3	14,900*	52.2	324.4	17,900*	54.0	328.6	18,400	55.8	332.1	16,700	175
180	49.5	317.0	14,200*	50.8	320.3	17,100*	52.6	324.7	17,400	54.4	328.4	15,800	180
185	48.0	312.4	13,600*	49.3	315.9	16,400*	51.1	320.6	16,500	52.9	324.6	14,800	185
190	46.4	307.6	13,000*	47.7	311.3	15,600*	49.6	316.3	15,500	51.5	320.6	14,000	190
195	44.8	302.5	12,400*	46.1	306.5	14,900*	48.1	311.8	14,700	50.0	316.3	13,100	195
200	43.1	297.1	11,800*	44.5	301.3	14,200*	46.5	307.0	13,900	48.5	311.8	12,400	200
205	41.4	291.4	11,300*	42.8	295.9	13,600*	44.9	301.9	13,100	46.9	307.1	11,600	205
210	39.6	285.3	10,800*	41.1	290.1	13,000*	43.3	296.6	12,300	45.3	302.1	10,900	210
215	37.8	278.8	10,300*	39.3	284.0	12,400*	41.5	290.9	11,600	43.7	296.8	10,200	215
220	35.8	271.9	9,900*	37.4	277.4	11,800*	39.8	284.8	10,900	42.0	291.2	9,600	220
225	33.8	264.4	9,500*	35.5	270.4	11,300*	37.9	278.4	10,300	40.2	285.3	9,000	225
230	31.6	256.2	9,100*	33.4	262.8	10,800*	36.0	271.4	9,700	38.4	278.9	8,400	230
235	29.3	247.3	8,800*	31.2	254.5	10,300	33.9	264.0	9,100	36.4	272.1	7,800	235
240	26.8	237.5	8,400*	28.9	245.5	9,700	31.8	255.9	8,500	34.4	264.8	7,300	240
245	24.0	226.4	8,200*	26.3	235.5	9,200	29.5	247.1	8,000	32.3	256.9	6,800	245
250	20.9	213.7	7,900*	23.5	224.2	8,600	27.0	237.3	7,400	30.1	248.2	6,300	250
255	17.2	198.2	7,700*	20.4	211.0	8,000	24.3	226.4	6,900	27.6	238.7	5,800	255
260	12.5	177.8	7,100*	16.6	195.0	7,500	21.2	213.8	6,400	24.9	228.1	5,300	260
265				11.5	173.3	7,000	17.6	198.7	5,900	22.0	215.9	4,900	265
270							12.9	178.9	5,400	18.5	201.5	4,400	270
275							4.3	140.9	4,900	14.2	183.2	4,000	275

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

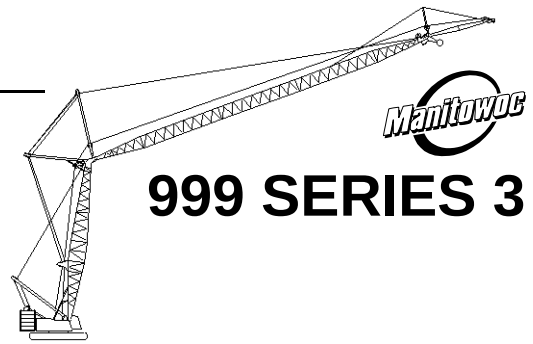
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

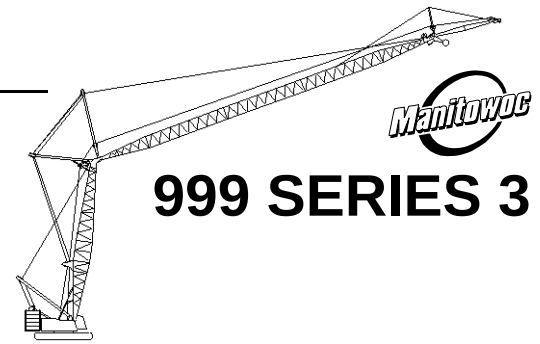
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

120 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	73.9	378.9	22,700*										90
95	72.7	377.3	22,200*										95
100	71.6	375.6	22,100*	72.5	376.7	25,700*							100
105	70.4	373.7	22,000*	71.4	375.0	25,500*							105
110	69.2	371.8	21,800*	70.2	373.1	25,400*							110
115	68.0	369.7	21,600*	69.0	371.2	25,200*							115
120	66.9	367.5	21,400*	67.8	369.1	25,100*	69.3	370.9	25,000*				120
125	65.7	365.2	21,300*	66.7	366.9	24,700*	68.1	368.9	24,900*				125
130	64.4	362.8	21,100*	65.5	364.5	23,700*	67.0	366.7	24,800*				130
135	63.2	360.2	20,700*	64.2	362.1	22,800*	65.8	364.4	24,300*				135
140	62.0	357.5	19,800*	63.0	359.5	21,900*	64.5	362.0	23,400*	66.0	363.9	24,100*	140
145	60.7	354.6	19,000*	61.8	356.7	21,100*	63.3	359.4	22,500*	64.8	361.5	23,500	145
150	59.4	351.6	18,300*	60.5	353.9	20,300*	62.1	356.7	21,700*	63.6	359.0	22,100	150
155	58.2	348.5	17,500*	59.2	350.8	19,600*	60.8	353.9	20,900*	62.4	356.3	20,800	155
160	56.8	345.2	16,800*	57.9	347.7	18,900*	59.5	350.9	20,100*	61.1	353.5	19,500	160
165	55.5	341.7	16,100*	56.6	344.3	18,200*	58.3	347.7	19,400*	59.9	350.6	18,300	165
170	54.2	338.0	15,400*	55.3	340.8	17,600*	57.0	344.4	18,800*	58.6	347.5	17,200	170
175	52.8	334.2	14,700*	53.9	337.1	17,000*	55.6	341.0	17,900	57.3	344.2	16,200	175
180	51.4	330.1	14,100*	52.6	333.2	16,500*	54.3	337.3	16,900	55.9	340.8	15,200	180
185	49.9	325.9	13,400*	51.1	329.2	16,000*	52.9	333.5	15,900	54.6	337.2	14,300	185
190	48.5	321.4	12,900*	49.7	324.9	15,500*	51.5	329.5	15,000	53.2	333.4	13,400	190
195	47.0	316.7	12,300*	48.2	320.3	14,800*	50.1	325.2	14,200	51.8	329.4	12,600	195
200	45.4	311.7	11,800*	46.7	315.6	14,200*	48.6	320.8	13,300	50.4	325.2	11,800	200
205	43.9	306.5	11,300*	45.2	310.6	13,600*	47.1	316.1	12,600	49.0	320.8	11,100	205
210	42.2	300.9	10,800*	43.6	305.3	13,000*	45.6	311.1	11,800	47.5	316.2	10,400	210
215	40.5	295.0	10,300*	42.0	299.7	12,400*	44.0	305.9	11,100	45.9	311.3	9,700	215
220	38.8	288.8	9,900*	40.3	293.7	11,800	42.4	300.4	10,400	44.4	306.1	9,100	220
225	37.0	282.1	9,500*	38.5	287.4	11,100	40.7	294.5	9,800	42.8	300.7	8,500	225
230	35.1	274.9	9,100*	36.7	280.7	10,500	39.0	288.3	9,200	41.1	294.9	7,900	230
235	33.1	267.3	8,700*	34.8	273.4	9,900	37.1	281.7	8,600	39.4	288.8	7,300	235
240	31.0	258.9	8,400*	32.7	265.6	9,300	35.2	274.6	8,000	37.6	282.2	6,800	240
245	28.7	249.8	8,100*	30.6	257.2	8,700	33.2	266.9	7,500	35.7	275.3	6,300	245
250	26.2	239.7	7,800*	28.3	247.9	8,100	31.1	258.6	6,900	33.7	267.7	5,800	250
255	23.5	228.4	7,600*	25.8	237.7	7,600	28.9	249.6	6,400	31.7	259.6	5,300	255
260	20.5	215.4	7,400*	23.1	226.1	7,100	26.5	239.6	6,000	29.4	250.8	4,800	260
265	16.9	199.6	7,000*	19.9	212.7	6,600	23.8	228.4	5,500	27.1	241.1	4,400	265
270	12.2	178.8	5,700*	16.2	196.4	6,100	20.8	215.5	5,000				270
275				11.2	174.2	5,600	17.2	200.1	4,600				275
280							12.7	179.9	4,100				280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.4	350.6	23,200*										80
85	73.1	349.0	23,000*										85
90	71.8	347.3	22,700*	72.8	348.4	26,300*							90
95	70.4	345.5	22,500*	71.5	346.7	26,100*							95
100	69.1	343.5	22,300*	70.2	344.9	25,800*							100
105	67.8	341.4	21,900*	68.9	342.9	25,400*							105
110	66.4	339.2	21,700*	67.6	340.7	25,200*	69.2	342.7	25,200*				110
115	65.1	336.8	21,400*	66.2	338.5	24,900*	67.9	340.6	25,000*				115
120	63.7	334.2	21,200*	64.9	336.1	24,600*	66.6	338.3	24,700*				120
125	62.3	331.6	21,000*	63.5	333.5	24,300*	65.2	336.0	24,500*	66.9	337.8	24,300*	125
130	60.9	328.7	20,700*	62.1	330.8	23,800*	63.8	333.4	24,200*	65.5	335.5	24,100*	130
135	59.4	325.7	20,500*	60.6	327.9	22,700*	62.4	330.8	23,900*	64.1	333.0	23,900*	135
140	58.0	322.5	20,200*	59.2	324.9	21,800*	61.0	327.9	23,400*	62.8	330.4	23,700*	140
145	56.5	319.1	19,800*	57.7	321.7	20,900*	59.6	324.9	22,400*	61.3	327.6	23,400*	145
150	55.0	315.6	19,000*	56.2	318.3	20,000*	58.1	321.8	21,500*	59.9	324.6	22,900*	150
155	53.4	311.8	18,100*	54.7	314.7	19,200*	56.6	318.4	20,600*	58.5	321.5	22,000*	155
160	51.9	307.8	17,200*	53.2	310.8	18,500*	55.1	314.8	19,800*	57.0	318.2	21,100*	160
165	50.3	303.6	16,300*	51.6	306.8	17,800*	53.6	311.1	19,000*	55.5	314.7	20,300*	165
170	48.6	299.1	15,500*	50.0	302.6	17,100*	52.0	307.1	18,300*	53.9	311.0	19,400	170
175	46.9	294.3	14,700*	48.3	298.0	16,500*	50.4	302.9	17,700*	52.4	307.0	18,400	175
180	45.2	289.3	14,000*	46.6	293.2	15,900*	48.7	298.5	17,000*	50.8	302.9	17,400	180
185	43.3	283.9	13,200*	44.9	288.1	15,400*	47.0	293.7	16,400*	49.1	298.5	16,500	185
190	41.5	278.2	12,600*	43.0	282.7	14,900*	45.3	288.7	15,900*	47.5	293.8	15,600	190
195	39.5	272.1	11,900*	41.2	276.9	14,300*	43.5	283.4	15,300*	45.7	288.9	14,800	195
200	37.5	265.5	11,400*	39.2	270.8	13,600*	41.6	277.7	14,800*	43.9	283.6	14,000	200
205	35.4	258.4	10,800*	37.2	264.1	12,900*	39.7	271.6	14,400*	42.1	278.0	13,300	205
210	33.1	250.7	10,300*	35.0	256.9	12,200*	37.7	265.1	13,900*	40.2	272.1	12,600	210
215	30.7	242.3	9,800*	32.7	249.1	11,600*	35.5	258.0	13,200	38.2	265.6	11,900	215
220	28.1	232.9	9,400*	30.3	240.5	11,100*	33.3	250.4	12,500	36.1	258.7	11,200	220
225	25.2	222.4	9,000*	27.6	231.0	10,600*	30.9	242.0	11,900	33.8	251.2	10,600	225
230	21.9	210.2	8,600*	24.7	220.2	10,100*	28.3	232.7	11,300	31.5	243.0	10,000	230
235	18.1	195.5	8,400*	21.4	207.7	9,600*	25.4	222.3	10,600	28.9	234.0	9,400	235
240	13.2	176.0	8,200*	17.4	192.4	9,300*	22.2	210.3	10,100	26.2	223.9	8,900	240
245				12.1	171.6	9,000*	18.5	195.8	9,500	23.0	212.3	8,300	245
250							13.6	176.9	8,900	19.4	198.5	7,800	250
255							4.7	141.0	8,300	15.0	181.0	7,300	255
260										8.0	153.3	6,800	260

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

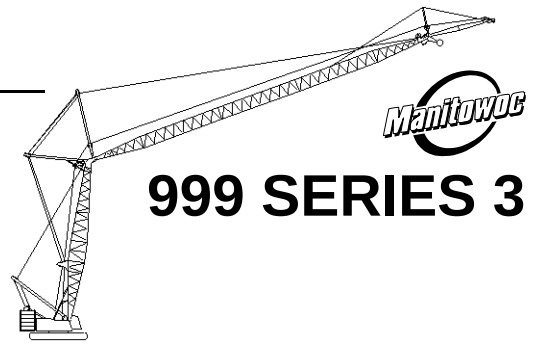
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

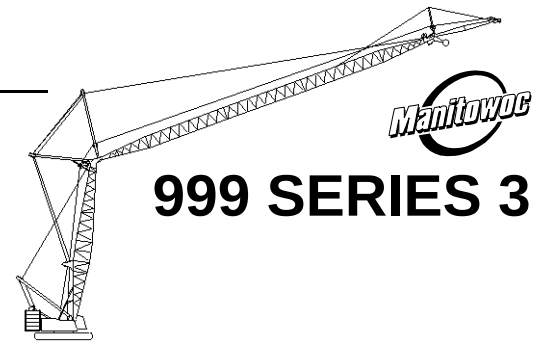
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	73.8	359.5	22,200*										85
90	72.5	357.9	22,000*										90
95	71.3	356.1	21,800*	72.3	357.3	25,300*							95
100	70.0	354.3	21,600*	71.1	355.5	25,100*							100
105	68.8	352.3	21,400*	69.8	353.6	24,800*							105
110	67.5	350.1	21,200*	68.5	351.6	24,600*							110
115	66.2	347.9	20,900*	67.3	349.5	24,300*	68.9	351.4	24,300*				115
120	64.9	345.5	20,700*	66.0	347.2	24,000*	67.6	349.3	24,100*				120
125	63.5	342.9	20,500*	64.7	344.8	23,800*	66.3	347.0	23,900*				125
130	62.2	340.2	20,300*	63.3	342.2	22,800*	65.0	344.6	23,700*	66.6	346.5	23,500*	130
135	60.8	337.4	20,100*	62.0	339.5	21,800*	63.7	342.1	23,400*	65.3	344.2	23,300*	135
140	59.5	334.4	19,900*	60.6	336.6	20,900*	62.3	339.4	22,400*	64.0	341.7	23,100*	140
145	58.1	331.2	19,100*	59.2	333.5	20,000*	61.0	336.6	21,500*	62.6	339.0	22,900*	145
150	56.6	327.8	18,300*	57.8	330.3	19,200*	59.6	333.6	20,600*	61.3	336.2	22,000*	150
155	55.2	324.3	17,600*	56.4	327.0	18,500*	58.2	330.4	19,800*	59.9	333.3	21,100*	155
160	53.7	320.6	16,900*	55.0	323.4	17,800*	56.8	327.1	19,000*	58.5	330.2	20,200*	160
165	52.2	316.6	16,300*	53.5	319.6	17,100*	55.3	323.6	18,300*	57.1	326.9	19,500*	165
170	50.7	312.5	15,500*	52.0	315.6	16,500*	53.9	319.9	17,600*	55.7	323.4	18,700*	170
175	49.1	308.1	14,700*	50.4	311.5	15,900*	52.3	315.9	17,000*	54.2	319.7	17,800*	175
180	47.5	303.4	14,000*	48.9	307.0	15,300*	50.8	311.8	16,400*	52.7	315.8	16,800*	180
185	45.8	298.5	13,300*	47.2	302.3	14,800*	49.2	307.4	15,800*	51.2	311.8	15,900*	185
190	44.1	293.3	12,700*	45.6	297.4	14,300*	47.6	302.8	15,300*	49.6	307.4	15,000*	190
195	42.4	287.7	12,000*	43.9	292.1	13,800*	46.0	297.9	14,800*	48.0	302.9	14,200*	195
200	40.6	281.8	11,500*	42.1	286.5	13,400*	44.3	292.7	14,300*	46.4	298.1	13,400*	200
205	38.6	275.5	10,900*	40.2	280.5	13,000*	42.5	287.2	13,800*	44.7	292.9	12,600*	205
210	36.7	268.8	10,400*	38.3	274.1	12,500*	40.7	281.3	13,300*	43.0	287.5	11,900*	210
215	34.6	261.5	9,900*	36.3	267.3	11,900*	38.8	275.1	12,600*	41.1	281.7	11,300*	215
220	32.4	253.5	9,500*	34.2	259.9	11,300*	36.8	268.3	12,000*	39.3	275.5	10,600*	220
225	30.0	244.9	9,100*	32.0	251.9	10,800*	34.8	261.1	11,300*	37.3	268.9	10,000*	225
230	27.4	235.3	8,700*	29.6	243.1	10,300*	32.6	253.2	10,700*	35.3	261.8	9,400*	230
235	24.6	224.5	8,400*	27.0	233.3	9,800*	30.2	244.6	10,100*	33.1	254.1	8,800*	235
240	21.5	212.0	8,100*	24.1	222.2	9,400*	27.7	235.1	9,500*	30.8	245.7	8,300*	240
245	17.7	196.9	7,800*	20.9	209.4	9,000*	24.9	224.4	8,900*	28.3	236.4	7,800*	245
250	12.9	177.0	7,700*	17.0	193.8	8,700*	21.7	212.1	8,400*	25.6	226.0	7,300*	250
255				11.9	172.5	8,500*	18.1	197.3	7,900*	22.5	214.2	6,800*	255
260							13.3	178.0	7,400*	19.0	200.1	6,300*	260
265							4.6	141.2	6,800*	14.6	182.2	5,800*	265
270										7.8	153.9	5,300*	270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	370.0	21,300*										85
90	73.3	368.4	21,200*										90
95	72.1	366.7	21,000*										95
100	70.9	365.0	20,900*	71.9	366.2	24,200*							100
105	69.6	363.0	20,700*	70.7	364.3	24,000*							105
110	68.4	361.0	20,500*	69.4	362.4	23,800*							110
115	67.2	358.8	20,300*	68.2	360.4	23,600*	69.7	362.2	23,600*				115
120	65.9	356.6	20,200*	67.0	358.2	23,400*	68.5	360.2	23,400*				120
125	64.7	354.1	20,100*	65.7	355.9	23,300*	67.3	358.0	23,100*				125
130	63.4	351.6	19,800*	64.5	353.4	22,900*	66.0	355.7	23,000*				130
135	62.1	348.9	19,600*	63.2	350.8	22,600*	64.8	353.3	22,800*	66.3	355.3	22,500*	135
140	60.8	346.0	19,400*	61.9	348.1	21,700*	63.5	350.8	22,600*	65.1	352.9	22,400*	140
145	59.5	343.0	19,300*	60.6	345.2	20,800*	62.2	348.1	22,300*	63.8	350.4	22,300*	145
150	58.1	339.9	18,500*	59.3	342.2	20,000*	60.9	345.3	21,400*	62.5	347.7	22,100*	150
155	56.8	336.5	17,600*	57.9	339.0	19,200*	59.6	342.3	20,600*	61.2	344.9	21,900*	155
160	55.4	333.0	16,800*	56.6	335.7	18,500*	58.3	339.1	19,800*	59.9	341.9	20,700	160
165	54.0	329.3	16,100*	55.2	332.1	17,900*	56.9	335.8	19,100*	58.6	338.8	19,500	165
170	52.5	325.4	15,400*	53.8	328.4	17,200*	55.5	332.3	18,400*	57.2	335.6	18,400	170
175	51.1	321.3	14,600*	52.3	324.5	16,600*	54.1	328.6	17,700*	55.8	332.1	17,400	175
180	49.6	317.0	14,000*	50.8	320.3	16,100*	52.7	324.7	17,100*	54.4	328.5	16,400	180
185	48.1	312.4	13,300*	49.3	316.0	15,500*	51.2	320.7	16,600*	53.0	324.6	15,500	185
190	46.5	307.6	12,700*	47.8	311.4	15,000*	49.7	316.4	16,000*	51.6	320.6	14,600	190
195	44.9	302.6	12,100*	46.2	306.5	14,500*	48.2	311.8	15,300	50.1	316.4	13,800	195
200	43.2	297.2	11,500*	44.6	301.4	13,900*	46.6	307.0	14,500	48.6	311.9	13,000	200
205	41.5	291.4	11,000*	42.9	296.0	13,200*	45.0	302.0	13,700	47.0	307.2	12,300	205
210	39.7	285.4	10,500*	41.2	290.2	12,600*	43.3	296.6	13,000	45.4	302.2	11,600	210
215	37.8	278.9	10,000*	39.4	284.0	12,000*	41.6	290.9	12,300	43.7	296.9	10,900	215
220	35.9	271.9	9,600*	37.5	277.5	11,500*	39.8	284.9	11,600	42.0	291.3	10,300	220
225	33.8	264.4	9,200*	35.6	270.4	10,900*	38.0	278.4	10,900	40.3	285.3	9,600	225
230	31.7	256.3	8,800*	33.5	262.8	10,400*	36.0	271.5	10,300	38.4	279.0	9,100	230
235	29.4	247.4	8,400*	31.3	254.6	10,000*	34.0	264.1	9,700	36.5	272.2	8,500	235
240	26.9	237.6	8,100*	29.0	245.6	9,600*	31.9	256.0	9,200	34.5	264.8	7,900	240
245	24.1	226.5	7,800*	26.4	235.5	9,200*	29.6	247.2	8,600	32.4	256.9	7,400	245
250	21.0	213.7	7,600*	23.6	224.2	8,800*	27.1	237.4	8,100	30.1	248.3	6,900	250
255	17.3	198.4	7,400*	20.4	211.1	8,500*	24.3	226.5	7,600	27.7	238.8	6,400	255
260	12.6	178.0	7,200*	16.6	195.2	8,200*	21.3	213.9	7,100	25.0	228.2	6,000	260
265				11.6	173.4	7,600	17.7	198.8	6,600	22.1	216.0	5,500	265
270							13.0	179.0	6,100	18.6	201.7	5,100	270
275							4.4	141.5	5,600	14.3	183.4	4,600	275
280										7.6	154.4	4,200	280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

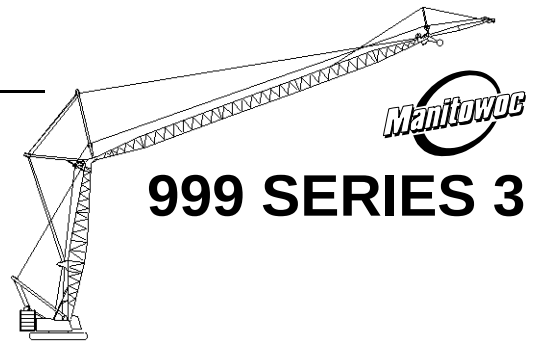
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

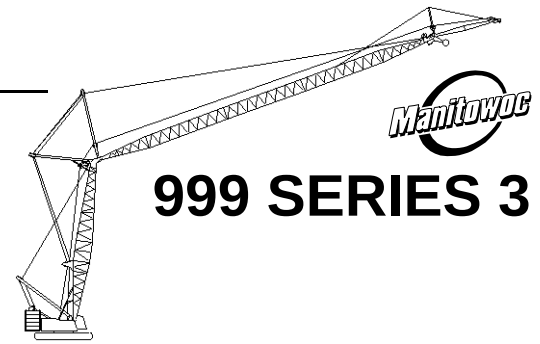
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	73.9	378.9	20,200*										90
95	72.8	377.3	20,100*										95
100	71.6	375.6	20,000*	72.6	376.7	23,100*							100
105	70.5	373.8	19,800*	71.4	375.0	23,000*							105
110	69.3	371.8	19,700*	70.3	373.1	22,800*							110
115	68.1	369.8	19,500*	69.1	371.2	22,700*							115
120	66.9	367.6	19,400*	67.9	369.1	22,500*	69.4	371.0	22,400*				120
125	65.7	365.3	19,200*	66.7	366.9	22,400*	68.2	368.9	22,400*				125
130	64.5	362.8	19,100*	65.5	364.6	22,200*	67.0	366.7	22,200*				130
135	63.3	360.2	19,000*	64.3	362.1	21,800*	65.8	364.4	22,100*				135
140	62.0	357.5	18,800*	63.1	359.5	21,000*	64.6	362.0	22,000*	66.1	364.0	21,600*	140
145	60.8	354.7	18,600*	61.8	356.8	20,100*	63.4	359.4	21,500*	64.9	361.6	21,400*	145
150	59.5	351.7	18,000*	60.6	353.9	19,400*	62.1	356.8	20,700*	63.7	359.0	21,400*	150
155	58.2	348.5	17,200*	59.3	350.9	18,600*	60.9	353.9	19,900*	62.4	356.4	21,100*	155
160	56.9	345.2	16,500*	58.0	347.7	17,900*	59.6	350.9	19,100*	61.2	353.6	20,100	160
165	55.6	341.7	15,800*	56.7	344.4	17,300*	58.3	347.8	18,400*	59.9	350.6	18,900	165
170	54.2	338.1	15,100*	55.4	340.8	16,700*	57.0	344.5	17,800*	58.6	347.5	17,800	170
175	52.9	334.2	14,500*	54.0	337.1	16,100*	55.7	341.0	17,200*	57.3	344.2	16,800	175
180	51.4	330.2	13,800*	52.6	333.3	15,600*	54.3	337.4	16,600*	56.0	340.8	15,800	180
185	50.0	325.9	13,200*	51.2	329.2	15,100*	53.0	333.5	16,000*	54.7	337.2	14,900	185
190	48.6	321.4	12,600*	49.8	324.9	14,600*	51.6	329.5	15,500*	53.3	333.4	14,000	190
195	47.1	316.7	12,000*	48.3	320.4	14,100*	50.1	325.3	14,700	51.9	329.4	13,200	195
200	45.5	311.8	11,500*	46.8	315.6	13,700*	48.7	320.8	13,900	50.5	325.3	12,400	200
205	43.9	306.5	11,000*	45.3	310.6	13,200*	47.2	316.1	13,100	49.0	320.9	11,700	205
210	42.3	301.0	10,500*	43.7	305.3	12,700*	45.6	311.2	12,400	47.5	316.2	11,000	210
215	40.6	295.1	10,000*	42.0	299.7	12,100*	44.1	305.9	11,700	46.0	311.3	10,300	215
220	38.9	288.8	9,600*	40.3	293.8	11,600*	42.4	300.4	11,000	44.4	306.2	9,700	220
225	37.1	282.1	9,200*	38.6	287.5	11,000*	40.8	294.6	10,400	42.8	300.7	9,000	225
230	35.1	275.0	8,800*	36.7	280.7	10,600*	39.0	288.3	9,800	41.2	295.0	8,500	230
235	33.1	267.3	8,400*	34.8	273.5	10,100*	37.2	281.7	9,200	39.4	288.8	7,900	235
240	31.0	259.0	8,100*	32.8	265.7	9,700*	35.3	274.6	8,600	37.6	282.3	7,400	240
245	28.8	249.9	7,800*	30.7	257.2	9,300*	33.3	267.0	8,100	35.8	275.3	6,800	245
250	26.3	239.8	7,500*	28.4	248.0	8,700	31.2	258.7	7,500	33.8	267.8	6,300	250
255	23.6	228.5	7,300*	25.9	237.8	8,200	29.0	249.7	7,000	31.7	259.7	5,900	255
260	20.6	215.5	7,100*	23.1	226.2	7,700	26.5	239.7	6,500	29.5	250.9	5,400	260
265	17.0	199.8	6,900*	20.0	212.8	7,200	23.9	228.5	6,100	27.1	241.1	5,000	265
270	12.3	179.0	6,200*	16.3	196.5	6,700	20.8	215.6	5,600	24.5	230.3	4,500	270
275				11.3	174.3	6,200	17.3	200.2	5,100	21.6	217.9	4,100	275
280							12.8	180.0	4,700				280
285							4.3	141.7	4,200				285



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

120 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.5	389.3	19,200*										90
95	73.4	387.8	19,100*										95
100	72.3	386.2	19,000*										100
105	71.2	384.4	18,800*	72.1	385.6	21,900*							105
110	70.1	382.6	18,700*	71.0	383.8	21,700*							110
115	69.0	380.6	18,600*	69.9	381.9	21,600*							115
120	67.8	378.5	18,400*	68.8	379.9	21,500*							120
125	66.7	376.3	18,300*	67.6	377.8	21,400*	69.1	379.7	21,300*				125
130	65.5	373.9	18,200*	66.5	375.6	21,200*	67.9	377.6	21,200*				130
135	64.3	371.5	18,100*	65.3	373.3	20,800*	66.8	375.5	21,100*				135
140	63.2	368.9	17,900*	64.1	370.8	20,000*	65.6	373.1	21,000*				140
145	62.0	366.2	17,800*	63.0	368.2	19,200*	64.4	370.7	20,500*	65.9	372.7	20,500*	145
150	60.8	363.3	17,500*	61.8	365.4	18,400*	63.3	368.1	19,700*	64.7	370.2	20,400*	150
155	59.5	360.3	16,800*	60.6	362.6	17,700*	62.1	365.4	18,900*	63.5	367.7	20,100*	155
160	58.3	357.2	16,100*	59.3	359.5	17,100*	60.9	362.6	18,200*	62.3	365.0	19,300*	160
165	57.0	353.9	15,500*	58.1	356.4	16,500*	59.6	359.6	17,500*	61.1	362.2	18,400	165
170	55.7	350.4	14,800*	56.8	353.0	15,900*	58.4	356.5	16,900*	59.9	359.3	17,300	170
175	54.4	346.8	14,200*	55.5	349.6	15,300*	57.1	353.2	16,300*	58.7	356.2	16,200	175
180	53.1	343.0	13,600*	54.2	345.9	14,800*	55.9	349.7	15,800*	57.4	352.9	15,300	180
185	51.8	339.0	13,000*	52.9	342.1	14,300*	54.6	346.1	15,200*	56.2	349.5	14,300	185
190	50.4	334.8	12,500*	51.6	338.0	13,800*	53.2	342.3	14,700*	54.9	345.9	13,500	190
195	49.0	330.4	11,900*	50.2	333.8	13,400*	51.9	338.3	14,200	53.6	342.2	12,700	195
200	47.6	325.8	11,400*	48.8	329.4	13,000*	50.5	334.2	13,400	52.2	338.3	11,900	200
205	46.1	320.9	10,900*	47.3	324.7	12,600*	49.1	329.8	12,600	50.9	334.1	11,100	205
210	44.6	315.8	10,500*	45.9	319.8	12,200*	47.7	325.2	11,900	49.5	329.8	10,400	210
215	43.1	310.4	10,000*	44.4	314.6	11,800*	46.2	320.3	11,200	48.0	325.2	9,800	215
220	41.5	304.7	9,600*	42.8	309.2	11,500*	44.7	315.2	10,500	46.6	320.5	9,100	220
225	39.8	298.6	9,200*	41.2	303.4	11,100*	43.2	309.8	9,900	45.1	315.4	8,500	225
230	38.1	292.2	8,800*	39.5	297.3	10,600*	41.6	304.2	9,300	43.6	310.1	7,900	230
235	36.3	285.4	8,400*	37.8	290.8	10,000	40.0	298.1	8,700	42.0	304.5	7,400	235
240	34.5	278.0	8,100*	36.0	283.9	9,400	38.3	291.7	8,100	40.4	298.6	6,800	240
245	32.5	270.2	7,800*	34.1	276.5	8,800	36.5	284.9	7,600	38.7	292.3	6,300	245
250	30.4	261.6	7,500*	32.2	268.5	8,200	34.6	277.6	7,000	36.9	285.6	5,800	250
255	28.2	252.3	7,200*	30.1	259.9	7,700	32.7	269.8	6,500	35.1	278.4	5,400	255
260	25.8	242.0	7,000*	27.8	250.4	7,200	30.6	261.4	6,100	33.1	270.7	4,900	260
265	23.2	230.5	6,800*	25.4	239.9	6,700	28.4	252.1	5,600	31.1	262.4	4,500	265
270	20.2	217.2	6,600*	22.7	228.1	6,200	26.0	241.9	5,100	28.9	253.4	4,000	270
275	16.6	201.1	6,100*	19.6	214.5	5,800	23.4	230.5	4,700				275
280	12.1	179.9	4,900*	16.0	197.8	5,300	20.4	217.3	4,300				280
285				11.1	175.2	4,800							285

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

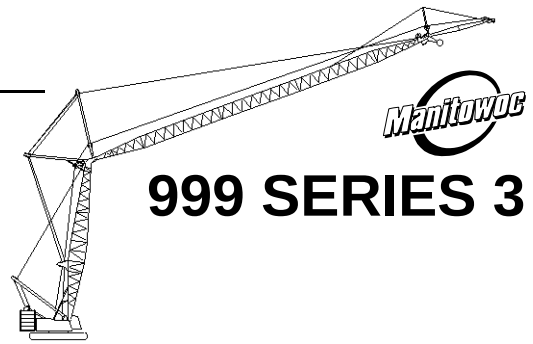
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

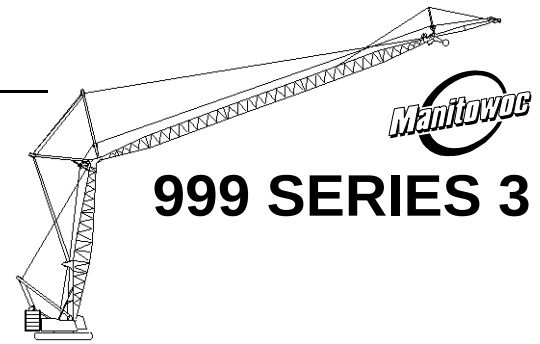
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

120 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	361.1	18,200*										80
85	73.7	359.6	17,900*										85
90	72.4	358.0	17,700*										90
95	71.2	356.2	17,400*	72.2	357.4	20,200*							95
100	69.9	354.3	17,200*	71.0	355.6	20,000*							100
105	68.7	352.3	16,900*	69.7	353.7	19,700*							105
110	67.4	350.2	16,700*	68.4	351.7	19,400*							110
115	66.1	347.9	16,500*	67.2	349.5	19,100*	68.8	351.5	19,300*				115
120	64.8	345.5	16,300*	65.9	347.3	18,900*	67.5	349.4	19,000*				120
125	63.4	343.0	16,000*	64.5	344.8	18,600*	66.2	347.1	18,800*				125
130	62.1	340.3	15,800*	63.2	342.3	18,300*	64.9	344.7	18,500*	66.5	346.6	18,600*	130
135	60.7	337.4	15,600*	61.9	339.5	18,100*	63.6	342.2	18,300*	65.2	344.3	18,400*	135
140	59.4	334.4	15,400*	60.5	336.7	17,800*	62.2	339.5	18,000*	63.9	341.8	18,100*	140
145	58.0	331.3	15,100*	59.1	333.6	17,600*	60.9	336.7	17,800*	62.5	339.1	17,900*	145
150	56.5	327.9	15,100*	57.7	330.4	17,500*	59.5	333.7	17,500*	61.2	336.3	17,700*	150
155	55.1	324.4	14,700*	56.3	327.0	17,100*	58.1	330.5	17,300*	59.8	333.4	17,400*	155
160	53.6	320.6	14,500*	54.9	323.5	17,100*	56.7	327.2	17,000*	58.4	330.2	17,200*	160
165	52.1	316.7	14,300*	53.4	319.7	16,600*	55.2	323.7	16,800*	57.0	327.0	17,000*	165
170	50.6	312.5	14,100*	51.9	315.7	16,000*	53.7	319.9	16,700*	55.6	323.5	16,900*	170
175	49.0	308.2	13,900*	50.3	311.5	15,400*	52.2	316.0	16,300*	54.1	319.8	16,500*	175
180	47.4	303.5	13,700*	48.8	307.1	14,800*	50.7	311.9	15,900*	52.6	315.9	16,300*	180
185	45.7	298.6	13,000*	47.1	302.4	14,300*	49.1	307.5	15,300*	51.1	311.9	16,100*	185
190	44.0	293.4	12,400*	45.5	297.5	13,800*	47.5	302.9	14,700*	49.5	307.5	15,700*	190
195	42.3	287.8	11,700*	43.8	292.2	13,300*	45.9	298.0	14,200*	47.9	303.0	15,000	195
200	40.5	281.9	11,200*	42.0	286.6	12,800*	44.2	292.8	13,700*	46.3	298.2	14,200	200
205	38.6	275.6	10,600*	40.1	280.6	12,400*	42.4	287.3	13,200*	44.6	293.0	13,500	205
210	36.6	268.9	10,100*	38.2	274.3	12,000*	40.6	281.4	12,800*	42.9	287.6	12,700	210
215	34.5	261.6	9,600*	36.2	267.4	11,500*	38.7	275.2	12,400*	41.1	281.8	12,100	215
220	32.3	253.7	9,200*	34.1	260.0	10,900*	36.7	268.4	12,000*	39.2	275.7	11,400	220
225	29.9	245.0	8,800*	31.9	252.0	10,400*	34.7	261.2	11,600*	37.2	269.1	10,800	225
230	27.4	235.4	8,400*	29.5	243.2	9,900*	32.5	253.3	11,200*	35.2	261.9	10,200	230
235	24.6	224.6	8,000*	26.9	233.4	9,400*	30.1	244.8	10,900*	33.0	254.2	9,700	235
240	21.4	212.2	7,700*	24.1	222.4	9,000*	27.6	235.3	10,300	30.7	245.8	9,100	240
245	17.7	197.2	7,500*	20.8	209.6	8,600*	24.8	224.6	9,800	28.2	236.6	8,600	245
250	12.8	177.3	7,300*	17.0	194.1	8,300*	21.7	212.3	9,200	25.5	226.2	8,100	250
255		133.7	7,300*		172.9	8,000*	18.0	197.6	8,700	22.5	214.4	7,600	255
260							13.3	178.3	8,200	18.9	200.3	7,100	260
265							4.7	142.4	7,600	14.6	182.5	6,700	265
270										7.8	154.5	6,200	270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

120 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.3	370.0	17,500*										85
90	73.2	368.5	17,300*										90
95	72.0	366.8	17,100*	73.0	367.9	19,800*							95
100	70.8	365.0	16,900*	71.8	366.2	19,600*							100
105	69.5	363.1	16,700*	70.6	364.4	19,300*							105
110	68.3	361.1	16,700*	69.3	362.5	19,100*							110
115	67.1	358.9	16,200*	68.1	360.4	18,900*	69.6	362.3	19,000*				115
120	65.8	356.6	16,100*	66.9	358.3	18,600*	68.4	360.2	18,700*				120
125	64.6	354.2	15,800*	65.6	356.0	18,400*	67.2	358.1	18,500*				125
130	63.3	351.7	15,600*	64.4	353.5	18,100*	65.9	355.8	18,300*				130
135	62.0	349.0	15,400*	63.1	350.9	17,900*	64.7	353.4	18,100*	66.2	355.3	18,100*	135
140	60.7	346.1	15,200*	61.8	348.2	17,700*	63.4	350.9	17,800*	65.0	353.0	17,900*	140
145	59.4	343.1	15,000*	60.5	345.3	17,400*	62.1	348.2	17,600*	63.7	350.4	17,700*	145
150	58.0	339.9	14,800*	59.2	342.3	17,200*	60.8	345.3	17,400*	62.4	347.8	17,500*	150
155	56.7	336.6	14,600*	57.8	339.1	17,100*	59.5	342.3	17,200*	61.1	345.0	17,300*	155
160	55.3	333.1	14,600*	56.5	335.7	16,700*	58.2	339.2	16,900*	59.8	342.0	17,000*	160
165	53.9	329.4	14,300*	55.1	332.2	16,000*	56.8	335.9	16,700*	58.5	338.9	16,800*	165
170	52.5	325.5	14,100*	53.7	328.5	15,400*	55.4	332.4	16,500*	57.1	335.6	16,600*	170
175	51.0	321.4	13,900*	52.2	324.6	14,800*	54.0	328.7	15,900*	55.7	332.2	16,600*	175
180	49.5	317.1	13,600*	50.7	320.4	14,300*	52.6	324.8	15,200*	54.3	328.6	16,200*	180
185	48.0	312.5	13,000*	49.2	316.1	13,700*	51.1	320.8	14,700*	52.9	324.7	15,600*	185
190	46.4	307.7	12,400*	47.7	311.5	13,200*	49.6	316.5	14,100*	51.5	320.7	15,000*	190
195	44.8	302.7	11,800*	46.1	306.6	12,800*	48.1	311.9	13,600*	50.0	316.5	14,300	195
200	43.1	297.3	11,300*	44.5	301.5	12,300*	46.5	307.1	13,200*	48.5	312.0	13,600	200
205	41.4	291.6	10,700*	42.8	296.1	11,900*	44.9	302.1	12,700*	46.9	307.3	12,800	205
210	39.6	285.5	10,200*	41.1	290.3	11,500*	43.2	296.7	12,300*	45.3	302.3	12,100	210
215	37.7	279.0	9,700*	39.3	284.1	11,200*	41.5	291.0	11,900*	43.6	297.0	11,500	215
220	35.8	272.0	9,300*	37.4	277.6	10,800*	39.7	285.0	11,500*	41.9	291.4	10,800	220
225	33.8	264.5	8,900*	35.5	270.5	10,500*	37.9	278.5	11,100*	40.2	285.4	10,200	225
230	31.6	256.4	8,500*	33.4	263.0	10,100*	36.0	271.6	10,800*	38.3	279.1	9,600	230
235	29.3	247.5	8,100*	31.2	254.7	9,600*	33.9	264.2	10,300	36.4	272.3	9,100	235
240	26.8	237.7	7,800*	28.9	245.7	9,200*	31.8	256.1	9,800	34.4	265.0	8,500	240
245	24.0	226.7	7,500*	26.3	235.7	8,800*	29.5	247.3	9,200	32.3	257.1	8,000	245
250	20.9	214.0	7,200*	23.6	224.4	8,400*	27.0	237.6	8,700	30.0	248.5	7,500	250
255	17.3	198.6	7,000*	20.4	211.3	8,100*	24.3	226.7	8,200	27.6	239.0	7,000	255
260	12.5	178.3	6,800*	16.6	195.4	7,800*	21.2	214.1	7,700	25.0	228.4	6,600	260
265	2.3	133.7	5,900*	11.6	173.8	7,600*	17.6	199.0	7,200	22.0	216.2	6,100	265
270							13.0	179.4	6,700	18.5	201.9	5,700	270
275							4.6	142.7	6,200	14.3	183.7	5,200	275
280										7.7	155.0	4,800	280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

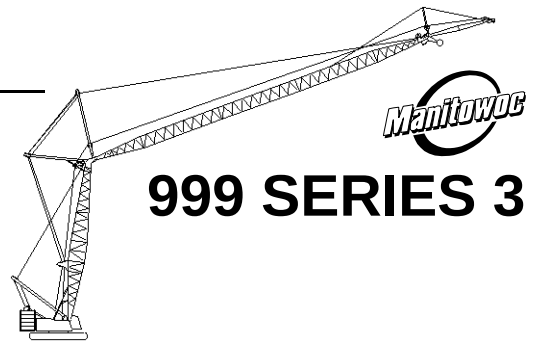
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

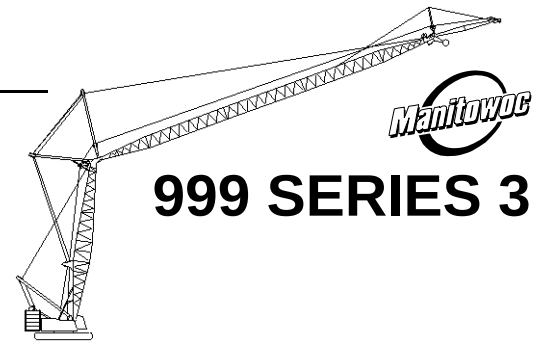
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

120 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.0	380.5	17,100*										85
90	73.8	379.0	17,000*										90
95	72.7	377.4	16,800*										95
100	71.5	375.7	16,600*	72.5	376.8	19,200*							100
105	70.4	373.8	16,400*	71.3	375.1	19,000*							105
110	69.2	371.9	16,200*	70.2	373.2	18,800*							110
115	68.0	369.8	16,100*	69.0	371.3	18,500*							115
120	66.8	367.6	15,800*	67.8	369.2	18,300*	69.3	371.0	18,400*				120
125	65.6	365.3	15,600*	66.6	367.0	18,100*	68.1	369.0	18,200*				125
130	64.4	362.9	15,400*	65.4	364.6	17,900*	66.9	366.8	18,000*				130
135	63.2	360.3	15,200*	64.2	362.2	17,700*	65.7	364.5	17,800*				135
140	61.9	357.6	15,000*	63.0	359.6	17,500*	64.5	362.1	17,600*	66.0	364.0	17,600*	140
145	60.7	354.8	14,900*	61.7	356.9	17,300*	63.3	359.5	17,400*	64.8	361.6	17,400*	145
150	59.4	351.8	14,700*	60.5	354.0	17,000*	62.0	356.8	17,200*	63.6	359.1	17,200*	150
155	58.1	348.6	14,500*	59.2	351.0	16,800*	60.8	354.0	17,000*	62.3	356.4	17,000*	155
160	56.8	345.3	14,300*	57.9	347.8	16,600*	59.5	351.0	16,800*	61.1	353.6	16,800*	160
165	55.5	341.8	14,200*	56.6	344.4	16,600*	58.2	347.9	16,600*	59.8	350.7	16,600*	165
170	54.1	338.2	14,000*	55.3	340.9	16,100*	56.9	344.6	16,400*	58.5	347.6	16,500*	170
175	52.8	334.3	13,800*	53.9	337.2	15,500*	55.6	341.1	16,200*	57.2	344.3	16,300*	175
180	51.4	330.3	13,600*	52.5	333.4	14,900*	54.2	337.5	16,000*	55.9	340.9	16,100*	180
185	49.9	326.0	13,000*	51.1	329.3	14,400*	52.9	333.6	15,400*	54.6	337.3	15,700	185
190	48.5	321.5	12,400*	49.7	325.0	13,900*	51.5	329.6	14,800*	53.2	333.5	14,800	190
195	47.0	316.8	11,800*	48.2	320.5	13,400*	50.0	325.4	14,300*	51.8	329.5	14,000	195
200	45.4	311.9	11,300*	46.7	315.7	13,000*	48.6	320.9	13,800*	50.4	325.4	13,200	200
205	43.8	306.6	10,800*	45.2	310.7	12,500*	47.1	316.2	13,400*	48.9	321.0	12,500	205
210	42.2	301.1	10,300*	43.6	305.4	12,100*	45.6	311.3	12,900*	47.5	316.3	11,800	210
215	40.5	295.2	9,800*	41.9	299.8	11,800*	44.0	306.1	12,500*	45.9	311.4	11,100	215
220	38.8	288.9	9,400*	40.2	293.9	11,300*	42.4	300.5	11,800	44.4	306.3	10,400	220
225	37.0	282.3	9,000*	38.5	287.6	10,800*	40.7	294.7	11,200	42.7	300.8	9,800	225
230	35.1	275.1	8,600*	36.7	280.8	10,300*	38.9	288.5	10,600	41.1	295.1	9,300	230
235	33.1	267.4	8,200*	34.7	273.6	9,800*	37.1	281.8	10,000	39.4	288.9	8,700	235
240	30.9	259.1	7,900*	32.7	265.8	9,400*	35.2	274.7	9,400	37.6	282.4	8,200	240
245	28.7	250.0	7,600*	30.6	257.4	9,000*	33.2	267.1	8,900	35.7	275.4	7,600	245
250	26.2	240.0	7,300*	28.3	248.2	8,600*	31.1	258.8	8,300	33.7	267.9	7,200	250
255	23.5	228.7	7,000*	25.8	237.9	8,200*	28.9	249.8	7,800	31.6	259.8	6,700	255
260	20.5	215.7	6,800*	23.1	226.4	7,900*	26.5	239.9	7,300	29.4	251.0	6,200	260
265	16.9	200.0	6,600*	20.0	213.0	7,600*	23.8	228.7	6,900	27.1	241.3	5,800	265
270	12.3	179.3	6,500*	16.3	196.8	7,400*	20.8	215.8	6,400	24.4	230.4	5,300	270
275	2.3	133.8	4,700*	11.3	174.7	7,000	17.2	200.5	6,000	21.5	218.1	4,900	275
280							12.7	180.4	5,500	18.2	203.4	4,500	280
285							4.5	142.9	5,000	14.0	184.8	4,100	285



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

120 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.4	389.4	16,500*										90
95	73.3	387.9	16,300*										95
100	72.2	386.2	16,200*										100
105	71.1	384.5	16,000*	72.0	385.7	18,500*							105
110	70.0	382.6	15,800*	70.9	383.9	18,300*							110
115	68.9	380.7	15,600*	69.8	382.0	18,200*							115
120	67.7	378.6	15,500*	68.7	380.0	18,000*							120
125	66.6	376.4	15,300*	67.5	377.9	17,700*	69.0	379.8	17,800*				125
130	65.4	374.0	15,200*	66.4	375.7	17,700*	67.8	377.7	17,600*				130
135	64.2	371.6	15,000*	65.2	373.3	17,400*	66.7	375.5	17,400*				135
140	63.1	369.0	14,800*	64.1	370.9	17,200*	65.5	373.2	17,200*	66.9	375.0	17,100*	140
145	61.9	366.3	14,600*	62.9	368.3	17,000*	64.3	370.8	17,100*	65.8	372.7	17,000*	145
150	60.7	363.4	14,500*	61.7	365.5	16,800*	63.2	368.2	16,900*	64.6	370.3	16,800*	150
155	59.4	360.4	14,300*	60.5	362.6	16,600*	62.0	365.5	16,700*	63.4	367.8	16,700*	155
160	58.2	357.3	14,200*	59.2	359.6	16,400*	60.8	362.7	16,500*	62.3	365.1	16,500*	160
165	56.9	354.0	14,000*	58.0	356.5	16,200*	59.5	359.7	16,400*	61.0	362.3	16,400*	165
170	55.7	350.5	13,900*	56.7	353.1	15,600*	58.3	356.5	16,200*	59.8	359.3	16,400*	170
175	54.4	346.9	13,800*	55.4	349.6	15,000*	57.0	353.3	16,000*	58.6	356.3	16,100*	175
180	53.0	343.1	13,400*	54.1	346.0	14,500*	55.8	349.8	15,400*	57.3	353.0	15,900*	180
185	51.7	339.1	12,800*	52.8	342.2	14,000*	54.5	346.2	14,900*	56.1	349.6	15,000	185
190	50.3	334.9	12,300*	51.5	338.1	13,500*	53.1	342.4	14,400*	54.8	346.0	14,200	190
195	48.9	330.5	11,800*	50.1	333.9	13,000*	51.8	338.4	13,900*	53.5	342.3	13,400	195
200	47.5	325.9	11,200*	48.7	329.5	12,600*	50.4	334.3	13,400*	52.1	338.4	12,600	200
205	46.0	321.0	10,700*	47.3	324.8	12,200*	49.0	329.9	13,000*	50.8	334.2	11,800	205
210	44.5	315.9	10,300*	45.8	319.9	11,800*	47.6	325.3	12,500*	49.4	329.9	11,100	210
215	43.0	310.5	9,800*	44.3	314.7	11,400*	46.2	320.4	11,900	48.0	325.3	10,500	215
220	41.4	304.8	9,400*	42.7	309.3	11,100*	44.7	315.3	11,200	46.5	320.6	9,800	220
225	39.7	298.7	9,000*	41.1	303.5	10,700*	43.1	309.9	10,600	45.0	315.5	9,200	225
230	38.0	292.3	8,600*	39.5	297.4	10,400*	41.5	304.3	10,000	43.5	310.2	8,700	230
235	36.2	285.5	8,300*	37.7	290.9	9,900*	39.9	298.2	9,400	41.9	304.6	8,100	235
240	34.4	278.2	7,900*	35.9	284.0	9,500*	38.2	291.9	8,800	40.3	298.7	7,600	240
245	32.4	270.3	7,600*	34.1	276.6	9,100*	36.4	285.1	8,300	38.6	292.4	7,100	245
250	30.3	261.8	7,300*	32.1	268.6	8,700*	34.5	277.8	7,800	36.8	285.7	6,600	250
255	28.1	252.5	7,000*	30.0	260.0	8,400*	32.6	270.0	7,300	35.0	278.5	6,100	255
260	25.7	242.2	6,800*	27.7	250.6	7,900	30.5	261.5	6,800	33.1	270.8	5,600	260
265	23.1	230.7	6,500*	25.3	240.1	7,400	28.3	252.3	6,300	31.0	262.5	5,200	265
270	20.1	217.4	6,300*	22.6	228.3	7,000	25.9	242.1	5,900	28.9	253.5	4,800	270
275	16.6	201.4	6,200*	19.6	214.7	6,500	23.3	230.7	5,400	26.5	243.6	4,400	275
280	12.0	180.3	5,600*	15.9	198.1	6,000	20.4	217.6	5,000				280
285				11.1	175.6	5,600	16.9	201.9	4,600				285
290							12.5	181.4	4,200				290

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

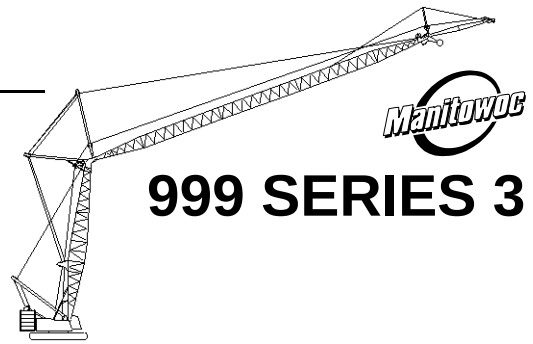
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

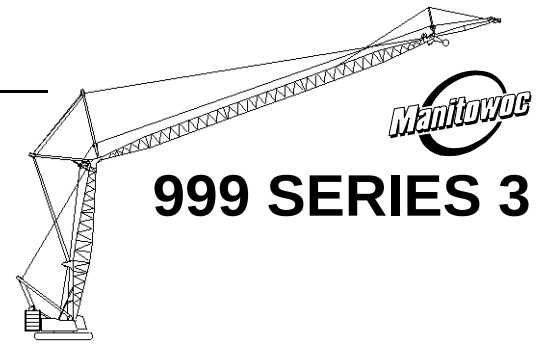
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

120 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	73.9	398.4	15,800*										95
100	72.9	396.8	15,700*										100
105	71.8	395.1	15,500*	72.7	396.2	17,900*							105
110	70.7	393.3	15,400*	71.6	394.5	17,800*							110
115	69.6	391.4	15,300*	70.6	392.7	17,700*							115
120	68.6	389.4	15,100*	69.5	390.8	17,500*							120
125	67.5	387.3	14,900*	68.4	388.8	17,300*	69.7	390.6	17,300*				125
130	66.3	385.1	14,800*	67.3	386.6	17,200*	68.6	388.6	17,200*				130
135	65.2	382.7	14,600*	66.2	384.4	17,000*	67.5	386.5	17,000*				135
140	64.1	380.2	14,500*	65.0	382.0	16,800*	66.4	384.2	16,900*				140
145	63.0	377.7	14,300*	63.9	379.5	16,600*	65.3	381.9	16,700*	66.7	383.7	16,700*	145
150	61.8	374.9	14,200*	62.8	376.9	16,500*	64.2	379.4	16,600*	65.6	381.4	16,400*	150
155	60.6	372.1	14,000*	61.6	374.2	16,300*	63.1	376.9	16,400*	64.5	379.0	16,300*	155
160	59.5	369.1	13,900*	60.4	371.3	16,100*	61.9	374.2	16,200*	63.3	376.4	16,200*	160
165	58.3	366.0	13,800*	59.3	368.3	15,400*	60.7	371.3	16,100*	62.2	373.8	16,200*	165
170	57.0	362.7	13,700*	58.1	365.1	14,800*	59.6	368.3	15,800*	61.0	371.0	15,900*	170
175	55.8	359.2	13,500*	56.8	361.8	14,300*	58.4	365.2	15,200*	59.8	368.0	15,800*	175
180	54.6	355.6	13,100*	55.6	358.4	13,800*	57.1	361.9	14,700*	58.6	364.9	15,400	180
185	53.3	351.9	12,600*	54.4	354.7	13,300*	55.9	358.5	14,200*	57.4	361.7	14,500	185
190	52.0	347.9	12,100*	53.1	350.9	12,800*	54.7	354.9	13,700*	56.2	358.3	13,600	190
195	50.7	343.8	11,600*	51.8	347.0	12,400*	53.4	351.2	13,200*	55.0	354.8	12,800	195
200	49.4	339.5	11,100*	50.5	342.8	12,000*	52.1	347.2	12,700*	53.7	351.0	12,000	200
205	48.0	334.9	10,700*	49.1	338.4	11,600*	50.8	343.1	12,300*	52.4	347.2	11,300	205
210	46.6	330.1	10,200*	47.8	333.8	11,200*	49.5	338.8	11,900*	51.1	343.1	10,600	210
215	45.1	325.1	9,800*	46.3	329.0	10,800*	48.1	334.3	11,400	49.8	338.8	10,000	215
220	43.7	319.9	9,400*	44.9	324.0	10,500*	46.7	329.5	10,700	48.4	334.3	9,300	220
225	42.2	314.3	9,000*	43.4	318.7	10,200*	45.3	324.5	10,100	47.0	329.6	8,700	225
230	40.6	308.4	8,600*	41.9	313.1	9,900*	43.8	319.3	9,500	45.6	324.7	8,100	230
235	39.0	302.2	8,300*	40.3	307.1	9,600*	42.3	313.8	8,900	44.2	319.5	7,600	235
240	37.3	295.6	7,900*	38.7	300.9	9,300*	40.7	307.9	8,300	42.7	314.1	7,000	240
245	35.6	288.6	7,600*	37.0	294.2	9,000*	39.1	301.7	7,800	41.1	308.3	6,500	245
250	33.7	281.1	7,300*	35.3	287.1	8,500	37.4	295.2	7,300	39.5	302.2	6,000	250
255	31.8	273.1	7,000*	33.4	279.5	8,000	35.7	288.2	6,800	37.9	295.7	5,600	255
260	29.8	264.4	6,800*	31.5	271.4	7,500	33.9	280.8	6,300	36.1	288.9	5,100	260
265	27.6	254.9	6,500*	29.4	262.6	7,000	32.0	272.8	5,800	34.3	281.5	4,700	265
270	25.2	244.4	6,300*	27.2	252.9	6,500	30.0	264.1	5,400	32.4	273.7	4,300	270
275	22.7	232.6	6,100*	24.8	242.2	6,000	27.8	254.7	4,900				275
280	19.7	219.0	5,900*	22.2	230.2	5,600	25.4	244.3	4,500				280
285	16.3	202.7	5,400*	19.2	216.3	5,200	22.9	232.6	4,100				285
290	11.8	181.3	4,300*	15.6	199.4	4,700							290
295				10.9	176.5	4,300							295



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

120 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.1	370.1	14,100*										85
90	72.9	368.6	13,900*										90
95	71.7	366.9	13,700*	72.7	368.0	15,800*							95
100	70.5	365.1	13,500*	71.5	366.3	15,600*							100
105	69.3	363.2	13,300*	70.3	364.5	15,400*							105
110	68.1	361.2	13,000*	69.1	362.6	15,100*							110
115	66.8	359.0	12,800*	67.9	360.5	14,900*	69.4	362.3	15,100*				115
120	65.6	356.7	12,600*	66.6	358.3	14,700*	68.2	360.3	14,800*				120
125	64.3	354.3	12,400*	65.4	356.0	14,400*	66.9	358.2	14,600*				125
130	63.0	351.7	12,300*	64.1	353.6	14,200*	65.7	355.9	14,400*				130
135	61.8	349.0	12,100*	62.8	351.0	14,000*	64.4	353.5	14,200*	66.0	355.4	14,300*	135
140	60.5	346.2	11,900*	61.5	348.3	13,800*	63.2	350.9	13,900*	64.7	353.0	14,000*	140
145	59.1	343.2	11,700*	60.2	345.4	13,600*	61.9	348.3	13,700*	63.5	350.5	13,900*	145
150	57.8	340.0	11,500*	58.9	342.4	13,400*	60.6	345.4	13,600*	62.2	347.9	13,700*	150
155	56.4	336.7	11,500*	57.6	339.2	13,200*	59.2	342.4	13,300*	60.9	345.1	13,600*	155
160	55.0	333.2	11,200*	56.2	335.8	13,000*	57.9	339.3	13,100*	59.6	342.1	13,200*	160
165	53.6	329.5	11,000*	54.8	332.3	12,800*	56.5	336.0	13,000*	58.2	339.0	13,100*	165
170	52.2	325.6	10,900*	53.4	328.6	12,600*	55.2	332.5	12,700*	56.9	335.7	12,900*	170
175	50.7	321.5	10,700*	52.0	324.7	12,500*	53.8	328.8	12,600*	55.5	332.3	12,700*	175
180	49.2	317.2	10,600*	50.5	320.5	12,200*	52.3	324.9	12,400*	54.1	328.7	12,500*	180
185	47.7	312.7	10,400*	49.0	316.2	12,100*	50.9	320.9	12,200*	52.7	324.8	12,300*	185
190	46.1	307.8	10,400*	47.4	311.6	11,900*	49.4	316.6	12,000*	51.2	320.8	12,300*	190
195	44.5	302.8	10,100*	45.9	306.7	11,700*	47.8	312.0	11,900*	49.7	316.6	12,000*	195
200	42.9	297.4	10,000*	44.2	301.6	11,600*	46.3	307.2	11,700*	48.2	312.1	11,900*	200
205	41.1	291.7	9,900*	42.6	296.2	11,400*	44.7	302.2	11,600*	46.6	307.4	11,700*	205
210	39.3	285.6	9,800*	40.8	290.4	11,100*	43.0	296.8	11,400*	45.0	302.4	11,600*	210
215	37.5	279.1	9,500*	39.0	284.3	10,700*	41.3	291.2	11,300*	43.4	297.1	11,400*	215
220	35.6	272.2	9,100*	37.2	277.7	10,400*	39.5	285.1	11,100*	41.7	291.5	11,300*	220
225	33.5	264.7	8,600*	35.2	270.7	10,000*	37.7	278.7	10,700*	39.9	285.5	10,800	225
230	31.4	256.6	8,200*	33.2	263.1	9,700*	35.7	271.8	10,300*	38.1	279.2	10,200	230
235	29.0	247.7	7,900*	31.0	254.9	9,300*	33.7	264.3	10,000*	36.2	272.4	9,700	235
240	26.6	237.9	7,500*	28.6	245.9	8,800*	31.5	256.3	9,700*	34.2	265.1	9,100	240
245	23.8	226.9	7,200*	26.1	235.9	8,400*	29.2	247.5	9,300*	32.1	257.2	8,600	245
250	20.7	214.2	6,900*	23.3	224.6	8,100*	26.8	237.8	9,000*	29.8	248.6	8,100	250
255	17.1	198.9	6,700*	20.2	211.6	7,700*	24.0	226.9	8,800*	27.4	239.1	7,600	255
260	12.4	178.7	6,500*	16.4	195.7	7,400*	21.0	214.3	8,300	24.7	228.5	7,200	260
265	2.7	136.5	6,500*	11.4	174.2	7,200*	17.4	199.3	7,800	21.8	216.5	6,700	265
270							12.8	179.7	7,300	18.3	202.1	6,300	270
275							4.6	143.9	6,800	14.1	184.0	5,800	275
280										7.5	155.7	5,400	280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

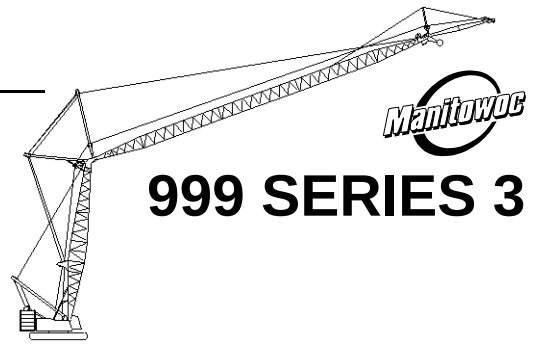
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

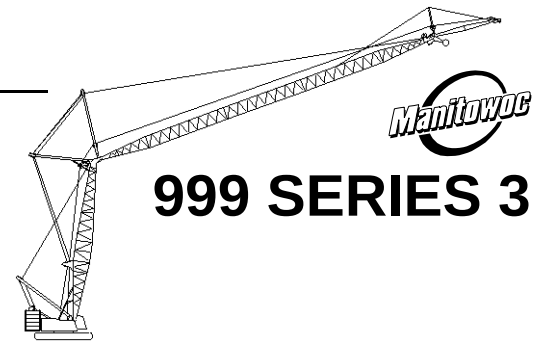
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

120 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	380.5	13,900*										85
90	73.6	379.1	13,700*										90
95	72.4	377.5	13,500*										95
100	71.3	375.7	13,300*	72.2	376.9	15,400*							100
105	70.1	373.9	13,100*	71.1	375.2	15,200*							105
110	68.9	372.0	12,900*	69.9	373.3	15,000*							110
115	67.8	369.9	12,700*	68.7	371.3	14,700*							115
120	66.6	367.7	12,500*	67.6	369.3	14,500*	69.0	371.1	14,700*				120
125	65.4	365.4	12,400*	66.4	367.1	14,300*	67.9	369.1	14,500*				125
130	64.2	363.0	12,200*	65.2	364.7	14,100*	66.7	366.9	14,300*				130
135	62.9	360.4	12,000*	64.0	362.3	13,900*	65.5	364.6	14,100*	67.0	366.4	14,200*	135
140	61.7	357.7	11,800*	62.7	359.7	13,700*	64.3	362.2	13,900*	65.8	364.1	13,900*	140
145	60.4	354.9	11,700*	61.5	356.9	13,500*	63.0	359.6	13,600*	64.5	361.7	13,700*	145
150	59.2	351.9	11,500*	60.2	354.1	13,300*	61.8	356.9	13,500*	63.3	359.2	13,600*	150
155	57.9	348.7	11,300*	59.0	351.1	13,100*	60.5	354.1	13,300*	62.1	356.5	13,400*	155
160	56.6	345.4	11,200*	57.7	347.9	12,900*	59.3	351.1	13,200*	60.8	353.7	13,200*	160
165	55.2	341.9	11,000*	56.3	344.5	12,700*	58.0	348.0	12,900*	59.6	350.8	13,100*	165
170	53.9	338.3	10,900*	55.0	341.0	12,700*	56.7	344.7	12,700*	58.3	347.7	12,800*	170
175	52.5	334.4	10,700*	53.7	337.3	12,400*	55.4	341.2	12,500*	57.0	344.4	12,800*	175
180	51.1	330.4	10,500*	52.3	333.5	12,200*	54.0	337.5	12,300*	55.7	341.0	12,500*	180
185	49.7	326.1	10,400*	50.9	329.4	12,000*	52.6	333.7	12,200*	54.3	337.4	12,300*	185
190	48.2	321.6	10,300*	49.4	325.1	11,900*	51.2	329.7	12,000*	53.0	333.6	12,100*	190
195	46.7	316.9	10,100*	48.0	320.6	11,700*	49.8	325.5	11,900*	51.6	329.6	12,100*	195
200	45.2	312.0	10,000*	46.5	315.8	11,500*	48.3	321.0	11,700*	50.1	325.5	11,800*	200
205	43.6	306.7	9,900*	44.9	310.8	11,100*	46.8	316.3	11,600*	48.7	321.1	11,700*	205
210	42.0	301.2	9,700*	43.3	305.5	10,700*	45.3	311.4	11,400*	47.2	316.4	11,500*	210
215	40.3	295.3	9,600*	41.7	299.9	10,300*	43.7	306.2	11,100*	45.7	311.5	11,400*	215
220	38.5	289.1	9,200*	40.0	294.0	10,000*	42.1	300.6	10,700*	44.1	306.4	10,800	220
225	36.7	282.4	8,800*	38.3	287.7	9,600*	40.4	294.8	10,300*	42.5	301.0	10,200	225
230	34.8	275.3	8,400*	36.4	281.0	9,300*	38.7	288.6	9,900*	40.8	295.2	9,600	230
235	32.8	267.6	8,000*	34.5	273.7	9,000*	36.9	282.0	9,600*	39.1	289.1	9,000	235
240	30.7	259.3	7,700*	32.5	266.0	8,700*	35.0	274.9	9,300*	37.3	282.5	8,500	240
245	28.5	250.2	7,300*	30.4	257.6	8,400*	33.0	267.2	9,000*	35.5	275.6	8,000	245
250	26.0	240.2	7,000*	28.1	248.3	8,200*	30.9	259.0	8,700*	33.5	268.1	7,500	250
255	23.3	228.9	6,800*	25.6	238.1	7,900*	28.7	250.0	8,200	31.4	260.0	7,000	255
260	20.3	215.9	6,500*	22.9	226.6	7,600*	26.2	240.0	7,700	29.2	251.2	6,600	260
265	16.7	200.3	6,300*	19.8	213.3	7,300*	23.6	228.9	7,300	26.8	241.5	6,100	265
270	12.1	179.7	6,200*	16.1	197.1	7,000*	20.6	216.1	6,800	24.2	230.6	5,700	270
275	2.6	136.6	5,200*	11.2	175.2	6,800*	17.0	200.7	6,400	21.3	218.3	5,300	275
280							12.6	180.8	5,900	18.0	203.7	4,900	280
285							4.5	144.2	5,400	13.8	185.2	4,500	285
290										7.4	156.3	4,100	290



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

120 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.2	389.5	13,500*										90
95	73.1	388.0	13,300*										95
100	72.0	386.3	13,100*	72.9	387.4	15,200*							100
105	70.9	384.6	13,000*	71.8	385.7	15,000*							105
110	69.7	382.7	12,800*	70.7	384.0	14,800*							110
115	68.6	380.7	12,600*	69.6	382.1	14,600*							115
120	67.5	378.7	12,400*	68.4	380.1	14,400*	69.8	381.9	14,500*				120
125	66.3	376.4	12,300*	67.3	378.0	14,200*	68.7	379.9	14,300*				125
130	65.2	374.1	12,100*	66.1	375.8	14,000*	67.6	377.8	14,100*				130
135	64.0	371.7	11,900*	65.0	373.4	13,800*	66.4	375.6	13,900*				135
140	62.8	369.1	11,800*	63.8	370.9	13,600*	65.3	373.3	13,700*	66.7	375.1	13,800*	140
145	61.6	366.4	11,600*	62.6	368.3	13,400*	64.1	370.9	13,500*	65.5	372.8	13,600*	145
150	60.4	363.5	11,400*	61.4	365.6	13,200*	62.9	368.3	13,400*	64.4	370.4	13,400*	150
155	59.2	360.5	11,300*	60.2	362.7	13,000*	61.7	365.6	13,200*	63.2	367.9	13,300*	155
160	58.0	357.4	11,100*	59.0	359.7	13,000*	60.5	362.7	13,100*	62.0	365.2	13,100*	160
165	56.7	354.1	11,000*	57.7	356.5	12,700*	59.3	359.8	12,800*	60.8	362.4	13,000*	165
170	55.4	350.6	10,800*	56.5	353.2	12,500*	58.1	356.6	12,600*	59.6	359.4	12,800*	170
175	54.1	347.0	10,700*	55.2	349.7	12,300*	56.8	353.3	12,600*	58.4	356.3	12,600*	175
180	52.8	343.2	10,500*	53.9	346.1	12,200*	55.5	349.9	12,400*	57.1	353.1	12,500*	180
185	51.5	339.2	10,500*	52.6	342.3	12,000*	54.2	346.3	12,200*	55.8	349.7	12,300*	185
190	50.1	335.0	10,200*	51.2	338.2	11,800*	52.9	342.5	12,000*	54.5	346.1	12,100*	190
195	48.7	330.6	10,100*	49.9	334.0	11,700*	51.6	338.5	11,800*	53.2	342.4	11,900*	195
200	47.3	326.0	10,000*	48.5	329.6	11,600*	50.2	334.4	11,700*	51.9	338.5	11,800*	200
205	45.8	321.1	9,800*	47.0	324.9	11,400*	48.8	330.0	11,500*	50.5	334.3	11,600*	205
210	44.3	316.0	9,700*	45.6	320.0	11,300*	47.4	325.4	11,500*	49.1	330.0	11,500*	210
215	42.7	310.6	9,600*	44.0	314.8	10,900*	45.9	320.5	11,200*	47.7	325.5	11,000*	215
220	41.2	304.9	9,300*	42.5	309.4	10,500*	44.4	315.4	11,200*	46.3	320.7	10,400	220
225	39.5	298.9	8,900*	40.9	303.6	10,200*	42.9	310.1	10,900*	44.8	315.6	9,800	225
230	37.8	292.4	8,500*	39.2	297.5	9,900*	41.3	304.4	10,500*	43.3	310.3	9,200	230
235	36.0	285.6	8,100*	37.5	291.1	9,500*	39.6	298.4	9,900	41.7	304.7	8,700	235
240	34.2	278.3	7,800*	35.7	284.1	9,200*	37.9	292.0	9,400	40.0	298.8	8,100	240
245	32.2	270.4	7,400*	33.8	276.8	8,800*	36.2	285.2	8,800	38.4	292.5	7,600	245
250	30.1	261.9	7,100*	31.9	268.8	8,400*	34.3	277.9	8,300	36.6	285.8	7,100	250
255	27.9	252.6	6,800*	29.8	260.2	8,100*	32.4	270.1	7,800	34.8	278.7	6,700	255
260	25.5	242.4	6,600*	27.5	250.7	7,700*	30.3	261.7	7,400	32.8	271.0	6,200	260
265	22.9	230.9	6,300*	25.1	240.3	7,400*	28.1	252.4	6,900	30.8	262.7	5,800	265
270	19.9	217.6	6,100*	22.4	228.5	7,100*	25.7	242.3	6,400	28.6	253.7	5,300	270
275	16.4	201.7	6,000*	19.4	214.9	6,900*	23.1	230.9	6,000	26.3	243.8	4,900	275
280	11.9	180.7	5,800*	15.7	198.4	6,600*	20.2	217.8	5,600	23.8	232.7	4,500	280
285	2.6	136.8	4,000*	10.9	176.1	6,200*	16.7	202.2	5,200	20.9	220.1	4,200	285
290							12.3	181.8	4,800				290
295							4.4	144.5	4,300				295

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

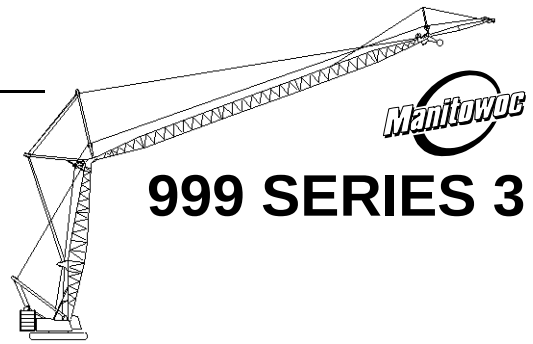
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

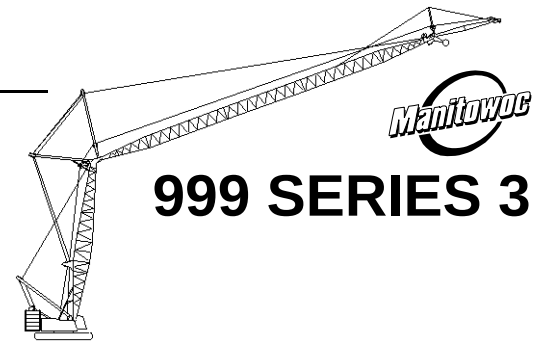
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

120 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.8	399.9	13,200*										90
95	73.7	398.4	13,100*										95
100	72.6	396.9	12,900*										100
105	71.6	395.2	12,800*	72.5	396.3	14,700*							105
110	70.5	393.4	12,600*	71.4	394.6	14,600*							110
115	69.4	391.5	12,400*	70.3	392.8	14,400*							115
120	68.3	389.5	12,300*	69.2	390.9	14,200*							120
125	67.2	387.4	12,100*	68.1	388.9	14,000*	69.5	390.6	14,100*				125
130	66.1	385.2	12,000*	67.0	386.7	13,800*	68.4	388.7	13,900*				130
135	65.0	382.8	11,800*	65.9	384.5	13,600*	67.3	386.5	13,700*				135
140	63.9	380.3	11,700*	64.8	382.1	13,500*	66.2	384.3	13,600*				140
145	62.7	377.7	11,500*	63.7	379.6	13,300*	65.1	382.0	13,400*	66.5	383.8	13,500*	145
150	61.6	375.0	11,300*	62.5	377.0	13,100*	64.0	379.5	13,200*	65.4	381.5	13,200*	150
155	60.4	372.2	11,200*	61.4	374.3	12,900*	62.8	377.0	13,000*	64.2	379.1	13,200*	155
160	59.2	369.2	11,000*	60.2	371.4	12,900*	61.7	374.2	12,900*	63.1	376.5	12,900*	160
165	58.0	366.0	10,900*	59.0	368.4	12,600*	60.5	371.4	12,700*	61.9	373.9	12,900*	165
170	56.8	362.8	10,800*	57.8	365.2	12,400*	59.3	368.4	12,600*	60.8	371.0	12,600*	170
175	55.6	359.3	10,600*	56.6	361.9	12,200*	58.1	365.3	12,400*	59.6	368.1	12,500*	175
180	54.3	355.7	10,500*	55.4	358.5	12,100*	56.9	362.0	12,300*	58.4	365.0	12,400*	180
185	53.1	352.0	10,400*	54.1	354.8	12,000*	55.7	358.6	12,200*	57.2	361.8	12,200*	185
190	51.8	348.0	10,200*	52.9	351.0	11,800*	54.4	355.0	12,100*	56.0	358.4	12,000*	190
195	50.5	343.9	10,100*	51.6	347.1	11,700*	53.2	351.3	11,800*	54.7	354.9	11,800*	195
200	49.1	339.6	10,000*	50.2	342.9	11,500*	51.9	347.3	11,600*	53.5	351.1	11,800*	200
205	47.8	335.0	9,900*	48.9	338.5	11,400*	50.6	343.2	11,600*	52.2	347.3	11,600*	205
210	46.4	330.2	9,700*	47.5	334.0	11,000*	49.2	338.9	11,300*	50.9	343.2	11,100	210
215	44.9	325.2	9,600*	46.1	329.1	10,600*	47.9	334.4	11,200*	49.6	338.9	10,400	215
220	43.4	320.0	9,300*	44.7	324.1	10,200*	46.5	329.6	10,900*	48.2	334.4	9,800	220
225	41.9	314.4	8,900*	43.2	318.8	9,900*	45.0	324.7	10,500	46.8	329.8	9,200	225
230	40.4	308.6	8,500*	41.7	313.2	9,600*	43.6	319.4	9,900	45.4	324.8	8,600	230
235	38.8	302.3	8,200*	40.1	307.3	9,300*	42.1	313.9	9,400	43.9	319.6	8,100	235
240	37.1	295.8	7,800*	38.5	301.0	9,000*	40.5	308.0	8,800	42.4	314.2	7,500	240
245	35.3	288.8	7,500*	36.8	294.3	8,700*	38.9	301.9	8,300	40.9	308.4	7,000	245
250	33.5	281.3	7,200*	35.0	287.3	8,400*	37.2	295.3	7,800	39.3	302.3	6,500	250
255	31.6	273.2	6,900*	33.2	279.7	8,200*	35.5	288.4	7,300	37.6	295.9	6,100	255
260	29.6	264.5	6,600*	31.3	271.5	7,800*	33.7	280.9	6,800	35.9	289.0	5,600	260
265	27.4	255.0	6,400*	29.2	262.7	7,500*	31.8	272.9	6,300	34.1	281.7	5,200	265
270	25.0	244.6	6,100*	27.0	253.1	7,000	29.7	264.3	5,900	32.2	273.8	4,800	270
275	22.5	232.8	5,900*	24.6	242.4	6,600	27.6	254.9	5,500	30.2	265.4	4,400	275
280	19.5	219.3	5,800*	22.0	230.4	6,100	25.2	244.5	5,000	28.1	256.1	4,000	280
285	16.1	203.0	5,600*	19.0	216.5	5,700	22.7	232.8	4,600				285
290	11.6	181.7	4,800*	15.4	199.7	5,300	19.8	219.5	4,200				290
295				10.7	176.9	4,800							295



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

120 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.3	408.9	12,800*										95
100	73.3	407.4	12,600*										100
105	72.2	405.7	12,500*										105
110	71.2	404.0	12,400*	72.1	405.2	14,300*							110
115	70.1	402.2	12,200*	71.0	403.4	14,100*							115
120	69.1	400.3	12,100*	70.0	401.6	14,000*							120
125	68.0	398.2	11,900*	68.9	399.7	13,800*							125
130	67.0	396.1	11,800*	67.9	397.6	13,700*	69.2	399.4	13,700*				130
135	65.9	393.9	11,600*	66.8	395.5	13,400*	68.1	397.4	13,500*				135
140	64.8	391.5	11,500*	65.7	393.2	13,300*	67.1	395.3	13,400*				140
145	63.7	389.0	11,400*	64.6	390.8	13,100*	66.0	393.0	13,300*				145
150	62.6	386.4	11,200*	63.6	388.3	12,900*	64.9	390.7	13,000*	66.3	392.5	13,100*	150
155	61.5	383.7	11,100*	62.4	385.7	12,800*	63.8	388.2	13,000*	65.2	390.2	12,900*	155
160	60.4	380.8	10,900*	61.3	382.9	12,600*	62.7	385.6	12,700*	64.1	387.8	12,800*	160
165	59.2	377.8	10,800*	60.2	380.1	12,500*	61.6	382.9	12,600*	63.0	385.2	12,700*	165
170	58.1	374.7	10,700*	59.1	377.0	12,300*	60.5	380.1	12,500*	61.9	382.5	12,500*	170
175	56.9	371.5	10,600*	57.9	373.9	12,200*	59.3	377.1	12,400*	60.8	379.7	12,300*	175
180	55.7	368.0	10,400*	56.7	370.6	12,000*	58.2	374.0	12,200*	59.6	376.8	12,300*	180
185	54.5	364.5	10,300*	55.5	367.2	11,900*	57.0	370.7	12,000*	58.5	373.7	12,100*	185
190	53.3	360.7	10,300*	54.3	363.6	11,700*	55.8	367.3	11,800*	57.3	370.5	11,900*	190
195	52.1	356.8	10,100*	53.1	359.8	11,600*	54.6	363.8	11,800*	56.1	367.1	11,900*	195
200	50.8	352.8	10,000*	51.9	355.9	11,200*	53.4	360.0	11,600*	54.9	363.6	11,700*	200
205	49.5	348.5	9,800*	50.6	351.8	10,800*	52.2	356.2	11,500*	53.7	359.9	11,200	205
210	48.2	344.0	9,700*	49.3	347.5	10,400*	50.9	352.1	11,100*	52.5	356.1	10,500	210
215	46.9	339.3	9,600*	48.0	343.0	10,000*	49.6	347.8	10,700*	51.2	352.0	9,900	215
220	45.5	334.4	9,300*	46.7	338.2	9,700*	48.3	343.4	10,300*	49.9	347.8	9,200	220
225	44.1	329.3	8,900*	45.3	333.3	9,400*	47.0	338.7	10,000*	48.6	343.4	8,600	225
230	42.7	323.8	8,500*	43.9	328.1	9,100*	45.6	333.8	9,400	47.3	338.8	8,100	230
235	41.2	318.1	8,200*	42.4	322.6	8,800*	44.2	328.7	8,800	45.9	334.0	7,500	235
240	39.6	312.1	7,800*	40.9	316.9	8,500*	42.8	323.3	8,300	44.6	328.9	7,000	240
245	38.1	305.8	7,500*	39.4	310.8	8,200*	41.3	317.6	7,800	43.1	323.6	6,500	245
250	36.4	299.0	7,200*	37.8	304.4	8,000*	39.8	311.6	7,200	41.7	318.0	6,000	250
255	34.7	291.8	6,900*	36.1	297.6	7,700*	38.2	305.3	6,800	40.1	312.0	5,500	255
260	32.9	284.2	6,700*	34.4	290.3	7,500*	36.6	298.6	6,300	38.6	305.8	5,100	260
265	31.0	276.0	6,400*	32.6	282.6	7,000	34.8	291.5	5,800	37.0	299.2	4,700	265
270	29.0	267.1	6,200*	30.7	274.3	6,500	33.1	283.8	5,400	35.3	292.2	4,200	270
275	26.9	257.4	6,000*	28.7	265.2	6,100	31.2	275.7	5,000				275
280	24.6	246.7	5,800*	26.5	255.4	5,600	29.2	266.8	4,500				280
285	22.0	234.7	5,600*	24.2	244.5	5,200	27.1	257.2	4,100				285
290	19.2	220.9	5,300*	21.6	232.3	4,800							290
295	15.8	204.4	4,600*	18.7	218.1	4,400							295
300				15.2	201.0	4,000							300

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

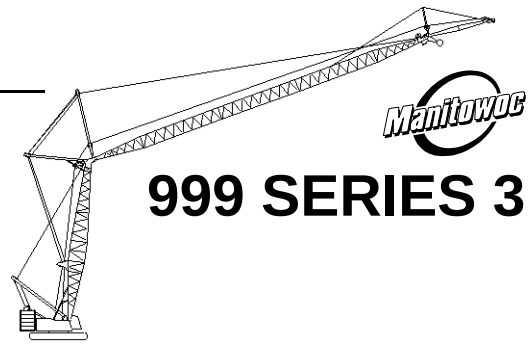
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.2	362.5	33,900*										70
75	72.8	361.0	33,300*										75
80	71.3	359.3	33,000*	72.9	360.8	39,600*							80
85	69.8	357.4	32,500*	71.4	359.1	39,400*							85
90	68.2	355.5	31,800*	69.9	357.3	38,400*							90
95	66.7	353.3	31,200*	68.4	355.3	36,900*							95
100	65.2	351.0	29,800*	66.9	353.2	35,300*	69.4	355.7	38,600*				100
105	63.6	348.6	28,300*	65.3	350.9	33,700*	67.9	353.7	38,500*				105
110	62.0	345.9	26,800*	63.8	348.5	32,200*	66.4	351.5	38,300*				110
115	60.4	343.1	25,400*	62.2	345.9	30,700*	64.8	349.2	37,300				115
120	58.7	340.1	24,100*	60.5	343.1	29,100*	63.2	346.7	35,000	65.8	349.4	31,600	120
125	57.0	336.9	22,800*	58.9	340.1	27,700*	61.6	344.0	32,800	64.3	347.0	29,500	125
130	55.3	333.4	21,600*	57.2	336.9	26,200*	60.0	341.2	30,800	62.7	344.4	27,700	130
135	53.6	329.8	20,400*	55.5	333.5	24,800*	58.3	338.1	29,000	61.1	341.7	26,000	135
140	51.8	325.9	19,300*	53.8	329.8	23,500*	56.7	334.8	27,300	59.4	338.8	24,400	140
145	49.9	321.7	18,200*	52.0	326.0	22,300*	54.9	331.4	25,700	57.8	335.6	22,900	145
150	48.0	317.3	17,200*	50.1	321.8	21,100*	53.2	327.7	24,300	56.1	332.3	21,600	150
155	46.1	312.5	16,300*	48.3	317.4	20,000*	51.4	323.7	22,900	54.3	328.7	20,300	155
160	44.1	307.4	15,500*	46.3	312.7	18,900*	49.5	319.5	21,700	52.6	325.0	19,200	160
165	42.0	302.0	14,700*	44.3	307.7	17,900*	47.6	315.0	20,500	50.7	320.9	18,000	165
170	39.8	296.1	13,900*	42.2	302.2	16,900*	45.7	310.1	19,300	48.9	316.6	17,000	170
175	37.5	289.7	13,200*	40.0	296.4	16,000*	43.6	305.0	18,300	46.9	312.0	16,000	175
180	35.1	282.7	12,600*	37.8	290.0	15,200*	41.5	299.4	17,300	45.0	307.0	15,100	180
185	32.5	275.0	12,000*	35.4	283.2	14,500*	39.3	293.4	16,400	42.9	301.7	14,200	185
190	29.7	266.5	11,500*	32.8	275.6	13,800*	37.0	286.9	15,500	40.8	296.0	13,400	190
195	26.7	257.0	11,100*	30.0	267.2	13,100*	34.5	279.8	14,600	38.5	289.8	12,600	195
200	23.2	245.9	10,700*	27.0	257.8	12,500*	31.9	272.0	13,800	36.1	283.1	11,900	200
205	19.2	232.6	10,300*	23.6	246.9	12,000*	29.1	263.3	13,100	33.6	275.8	11,200	205
210	14.1	215.2	10,100*	19.7	233.9	11,600*	25.9	253.4	12,400	30.9	267.7	10,500	210
215	4.9	183.2	10,100*	14.8	217.2	11,300*	22.4	241.9	11,600	28.0	258.6	9,900	215
220				6.7	189.2	11,200*	18.2	227.9	11,000	24.8	248.3	9,200	220
225							12.7	209.1	10,300	21.0	236.1	8,600	225
230										16.5	220.8	8,000	230
235										10.1	198.6	7,500	235

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.0	372.9	31,500*										70
75	73.6	371.4	30,900*										75
80	72.2	369.8	30,600*										80
85	70.8	368.1	30,300*	72.3	369.7	36,400*							85
90	69.3	366.2	29,900*	70.9	367.9	35,900*							90
95	67.9	364.2	29,300*	69.5	366.1	35,100*							95
100	66.4	362.0	28,700*	68.0	364.1	33,700*							100
105	64.9	359.7	27,300*	66.6	361.9	32,400*	69.0	364.5	35,400*				105
110	63.4	357.2	26,000*	65.1	359.6	31,000*	67.5	362.5	35,300*				110
115	61.9	354.6	24,700*	63.6	357.2	29,600*	66.1	360.3	35,200*				115
120	60.3	351.8	23,500*	62.1	354.5	28,300*	64.6	357.9	34,300				120
125	58.8	348.7	22,300*	60.5	351.7	26,900*	63.1	355.4	32,100	65.6	358.1	28,800	125
130	57.2	345.5	21,100*	58.9	348.7	25,600*	61.5	352.7	30,200	64.1	355.7	27,000	130
135	55.5	342.1	20,100*	57.4	345.6	24,400*	60.0	349.8	28,300	62.5	353.1	25,300	135
140	53.9	338.5	19,000*	55.7	342.2	23,200*	58.4	346.8	26,600	61.0	350.4	23,700	140
145	52.2	334.7	18,000*	54.1	338.6	22,000*	56.8	343.5	25,100	59.5	347.4	22,200	145
150	50.4	330.6	17,100*	52.4	334.8	20,900*	55.2	340.1	23,600	57.9	344.3	20,900	150
155	48.7	326.2	16,200*	50.6	330.7	19,800*	53.5	336.4	22,300	56.2	341.0	19,600	155
160	46.8	321.6	15,400*	48.9	326.4	18,800*	51.8	332.5	21,000	54.6	337.5	18,500	160
165	44.9	316.7	14,600*	47.0	321.8	17,800*	50.1	328.4	19,800	52.9	333.7	17,400	165
170	43.0	311.4	13,900*	45.1	316.9	16,900*	48.3	324.0	18,700	51.2	329.8	16,300	170
175	40.9	305.7	13,200*	43.2	311.6	16,100*	46.4	319.3	17,700	49.4	325.5	15,400	175
180	38.8	299.6	12,600*	41.2	306.0	15,300*	44.5	314.2	16,700	47.6	321.0	14,400	180
185	36.6	292.9	12,000*	39.0	299.9	14,500*	42.5	308.9	15,800	45.8	316.2	13,600	185
190	34.2	285.8	11,400*	36.8	293.4	13,800*	40.5	303.1	14,900	43.8	311.1	12,800	190
195	31.7	277.9	11,000*	34.5	286.2	13,200*	38.3	296.9	14,000	41.8	305.5	12,000	195
200	29.0	269.1	10,500*	32.0	278.4	12,600*	36.1	290.1	13,200	39.7	299.6	11,200	200
205	26.0	259.3	10,100*	29.3	269.8	12,000*	33.7	282.8	12,500	37.5	293.2	10,500	205
210	22.6	247.9	9,800*	26.4	260.1	11,500*	31.1	274.7	11,800	35.2	286.3	9,900	210
215	18.7	234.2	9,500*	23.1	248.9	11,100*	28.3	265.8	11,100	32.8	278.7	9,200	215
220	13.7	216.4	9,400*	19.2	235.6	10,700*	25.3	255.6	10,400	30.2	270.4	8,600	220
225	4.8	183.6	9,400*	14.4	218.4	10,500*	21.8	243.8	9,800	27.3	261.0	8,000	225
230				6.5	189.7	10,300*	17.8	229.5	9,100	24.2	250.4	7,500	230
235							12.4	210.1	8,500	20.5	237.9	6,900	235
240										16.1	222.2	6,400	240
245										9.8	199.4	5,800	245

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

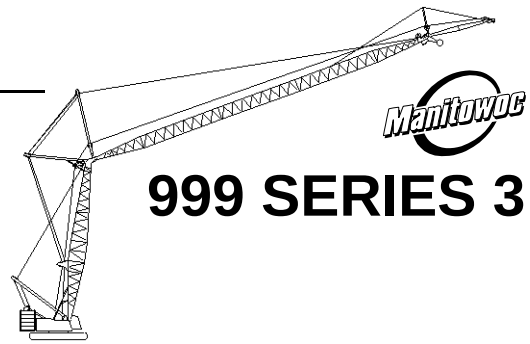
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

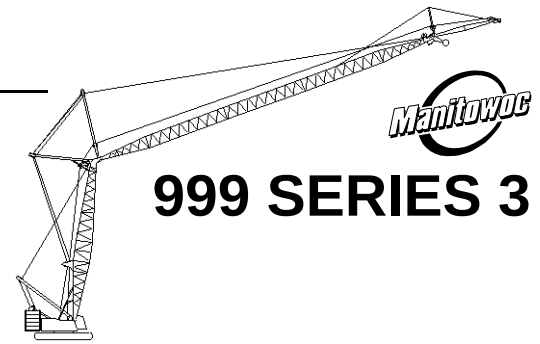
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.4	381.9	29,400*										75
80	73.0	380.4	28,700*										80
85	71.7	378.7	28,200*										85
90	70.3	376.9	27,900*	71.8	378.5	33,500*							90
95	68.9	375.0	27,500*	70.4	376.8	32,800*							95
100	67.5	373.0	27,000*	69.1	374.9	32,200*							100
105	66.1	370.8	26,400*	67.7	372.8	31,000*	70.0	375.2	32,800*				105
110	64.7	368.4	25,100*	66.3	370.6	29,800*	68.6	373.3	32,700*				110
115	63.3	365.9	24,000*	64.9	368.3	28,500*	67.2	371.2	32,500*				115
120	61.8	363.2	22,800*	63.4	365.8	27,400*	65.8	369.0	32,400*				120
125	60.3	360.4	21,700*	62.0	363.2	26,200*	64.4	366.6	31,800	66.7	369.1	28,500	125
130	58.8	357.4	20,700*	60.5	360.4	25,000*	62.9	364.0	29,800	65.3	366.8	26,600	130
135	57.3	354.2	19,600*	59.0	357.4	23,800*	61.5	361.3	28,000	63.9	364.4	24,900	135
140	55.7	350.8	18,700*	57.5	354.2	22,700*	60.0	358.5	26,300	62.4	361.8	23,300	140
145	54.2	347.3	17,800*	55.9	350.9	21,600*	58.5	355.4	24,700	61.0	359.0	21,900	145
150	52.5	343.5	16,900*	54.3	347.3	20,600*	57.0	352.2	23,300	59.5	356.1	20,500	150
155	50.9	339.4	16,000*	52.7	343.5	19,600*	55.4	348.8	21,900	58.0	353.0	19,300	155
160	49.2	335.2	15,300*	51.1	339.6	18,600*	53.8	345.2	20,700	56.4	349.7	18,100	160
165	47.5	330.6	14,500*	49.4	335.3	17,700*	52.2	341.3	19,500	54.9	346.2	17,000	165
170	45.7	325.8	13,800*	47.7	330.8	16,900*	50.5	337.2	18,400	53.3	342.5	16,000	170
175	43.8	320.7	13,100*	45.9	326.0	16,000*	48.8	332.9	17,300	51.6	338.6	15,000	175
180	41.9	315.2	12,500*	44.1	320.9	15,300*	47.1	328.3	16,300	49.9	334.4	14,100	180
185	39.9	309.3	11,900*	42.1	315.5	14,500*	45.3	323.4	15,400	48.2	330.0	13,200	185
190	37.9	303.0	11,400*	40.2	309.6	13,800*	43.4	318.2	14,500	46.5	325.3	12,400	190
195	35.7	296.2	10,900*	38.1	303.4	13,200*	41.5	312.6	13,700	44.6	320.3	11,600	195
200	33.4	288.7	10,400*	35.9	296.6	12,600*	39.5	306.7	12,900	42.8	315.0	10,900	200
205	30.9	280.6	10,000*	33.7	289.2	12,000*	37.4	300.2	12,200	40.8	309.3	10,200	205
210	28.3	271.6	9,600*	31.2	281.2	11,500*	35.2	293.3	11,400	38.8	303.1	9,500	210
215	25.4	261.5	9,300*	28.6	272.3	11,000*	32.9	285.7	10,800	36.6	296.5	8,900	215
220	22.1	249.8	9,000*	25.7	262.3	10,600*	30.4	277.4	10,100	34.4	289.4	8,300	220
225	18.3	235.8	8,800*	22.5	250.9	10,300*	27.7	268.2	9,500	32.0	281.6	7,700	225
230	13.4	217.5	8,700*	18.8	237.2	10,000*	24.7	257.8	8,900	29.5	273.0	7,200	230
235	4.7	184.0	7,900*	14.1	219.6	9,800*	21.3	245.7	8,300	26.7	263.4	6,600	235
240				6.4	190.2	8,800*	17.3	231.0	7,700	23.6	252.4	6,100	240
245							12.1	211.1	7,100	20.0	239.6	5,600	245
250										15.7	223.5	5,100	250
255										9.6	200.2	4,600	255



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	73.8	390.8	26,600*										80
85	72.5	389.2	26,100*										85
90	71.2	387.6	25,900*	72.6	389.1	30,800*							90
95	69.9	385.7	25,600*	71.3	387.4	30,300*							95
100	68.5	383.8	25,300*	70.0	385.6	30,100*							100
105	67.2	381.7	24,900*	68.7	383.6	29,400*							105
110	65.9	379.5	24,200*	67.4	381.6	28,400*	69.6	384.0	30,100*				110
115	64.5	377.1	23,100*	66.0	379.4	27,300*	68.2	382.0	29,900*				115
120	63.1	374.6	22,100*	64.7	377.0	26,300*	66.9	379.9	29,800*				120
125	61.7	371.9	21,100*	63.3	374.5	25,200*	65.6	377.7	29,700*				125
130	60.3	369.1	20,100*	61.9	371.8	24,200*	64.2	375.3	29,100	66.4	377.8	25,900	130
135	58.9	366.1	19,100*	60.5	369.0	23,100*	62.8	372.7	27,300	65.1	375.5	24,200	135
140	57.4	362.9	18,200*	59.0	366.1	22,100*	61.4	370.0	25,600	63.7	373.0	22,700	140
145	55.9	359.6	17,400*	57.6	362.9	21,100*	60.0	367.1	24,100	62.3	370.4	21,200	145
150	54.4	356.0	16,500*	56.1	359.6	20,200*	58.6	364.1	22,600	60.9	367.7	19,900	150
155	52.9	352.3	15,700*	54.6	356.0	19,200*	57.1	360.9	21,300	59.5	364.8	18,600	155
160	51.3	348.3	15,000*	53.1	352.3	18,300*	55.6	357.5	20,000	58.1	361.7	17,400	160
165	49.7	344.1	14,300*	51.5	348.4	17,500*	54.1	353.9	18,900	56.6	358.4	16,300	165
170	48.1	339.6	13,600*	49.9	344.2	16,600*	52.5	350.1	17,700	55.1	354.9	15,300	170
175	46.4	334.9	13,000*	48.3	339.8	15,900*	51.0	346.1	16,700	53.6	351.3	14,300	175
180	44.6	329.9	12,400*	46.6	335.1	15,100*	49.3	341.8	15,700	52.0	347.4	13,400	180
185	42.8	324.6	11,800*	44.8	330.1	14,400*	47.7	337.3	14,800	50.4	343.3	12,600	185
190	41.0	318.9	11,300*	43.0	324.8	13,800*	46.0	332.6	13,900	48.8	339.0	11,800	190
195	39.0	312.8	10,800*	41.2	319.2	13,200*	44.2	327.5	13,100	47.1	334.4	11,000	195
200	37.0	306.3	10,300*	39.3	313.2	12,600*	42.4	322.1	12,300	45.4	329.5	10,300	200
205	34.9	299.3	9,900*	37.2	306.7	12,000*	40.5	316.3	11,600	43.6	324.3	9,600	205
210	32.6	291.6	9,500*	35.1	299.7	11,500*	38.6	310.1	10,800	41.8	318.8	8,900	210
215	30.2	283.3	9,100*	32.9	292.2	11,000*	36.5	303.5	10,200	39.9	312.9	8,300	215
220	27.6	274.0	8,800*	30.5	283.9	10,500*	34.4	296.4	9,500	37.9	306.6	7,700	220
225	24.8	263.7	8,500*	28.0	274.8	10,100*	32.1	288.6	8,900	35.8	299.8	7,100	225
230	21.6	251.7	8,300*	25.1	264.5	9,800*	29.7	280.0	8,300	33.6	292.4	6,500	230
235	17.9	237.3	8,100*	22.0	252.8	9,400	27.0	270.6	7,700	31.3	284.4	6,000	235
240	13.1	218.6	8,100*	18.3	238.8	8,800	24.1	259.9	7,200	28.8	275.5	5,500	240
245	4.6	184.3	6,300*	13.7	220.7	8,200	20.8	247.5	6,600	26.1	265.7	5,000	245
250				6.2	190.7	7,100*	16.9	232.4	6,100	23.1	254.5	4,500	250
255							11.8	212.1	5,600	19.6	241.3	4,100	255

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

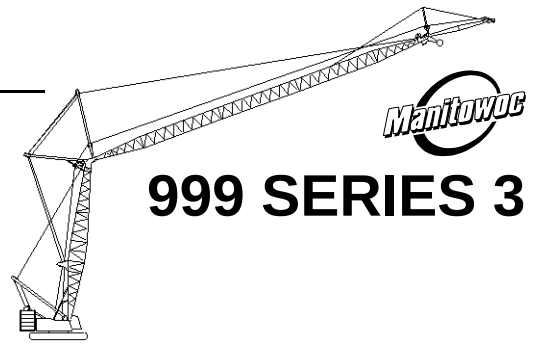
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

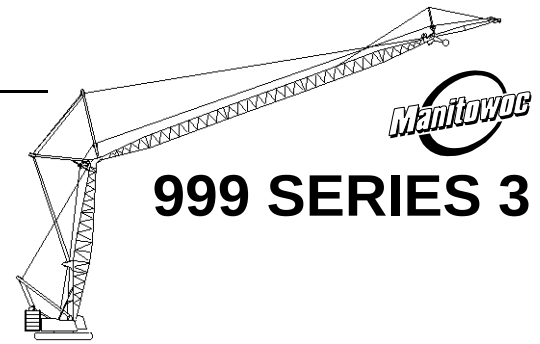
160 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.5	401.2	24,400*										80
85	73.2	399.7	24,400*										85
90	72.0	398.1	24,000*										90
95	70.7	396.4	23,800*	72.1	397.9	28,300*							95
100	69.5	394.5	23,500*	70.9	396.2	27,800*							100
105	68.2	392.5	23,300*	69.6	394.4	27,600*							105
110	66.9	390.4	22,900*	68.3	392.4	27,000*							110
115	65.6	388.2	22,200*	67.1	390.3	26,100*	69.2	392.8	27,500*				115
120	64.3	385.8	21,300*	65.8	388.1	25,200*	67.9	390.8	27,400*				120
125	63.0	383.2	20,400*	64.5	385.7	24,200*	66.6	388.6	27,300*				125
130	61.7	380.6	19,500*	63.1	383.2	23,300*	65.3	386.4	27,200*				130
135	60.3	377.7	18,600*	61.8	380.5	22,400*	64.0	383.9	26,800	66.2	386.5	23,600	135
140	58.9	374.7	17,800*	60.5	377.7	21,500*	62.7	381.4	25,100	64.9	384.2	22,100	140
145	57.5	371.6	17,000*	59.1	374.7	20,600*	61.4	378.7	23,600	63.6	381.7	20,600	145
150	56.1	368.2	16,200*	57.7	371.6	19,700*	60.0	375.8	22,100	62.2	379.1	19,300	150
155	54.7	364.7	15,500*	56.3	368.3	18,800*	58.6	372.8	20,800	60.9	376.3	18,100	155
160	53.2	361.0	14,700*	54.8	364.8	18,000*	57.2	369.6	19,500	59.5	373.4	16,900	160
165	51.7	357.1	14,100*	53.4	361.1	17,200*	55.8	366.2	18,300	58.1	370.3	15,800	165
170	50.2	353.0	13,400*	51.9	357.2	16,400*	54.3	362.6	17,200	56.7	367.1	14,800	170
175	48.6	348.6	12,800*	50.3	353.1	15,700*	52.9	358.9	16,200	55.3	363.6	13,800	175
180	47.0	344.0	12,200*	48.8	348.7	15,000*	51.4	354.9	15,200	53.8	360.0	12,900	180
185	45.3	339.1	11,700*	47.2	344.2	14,300*	49.8	350.7	14,300	52.3	356.2	12,000	185
190	43.6	333.9	11,200*	45.5	339.3	13,700*	48.2	346.3	13,400	50.8	352.1	11,200	190
195	41.9	328.4	10,700*	43.8	334.2	13,100*	46.6	341.6	12,600	49.3	347.9	10,500	195
200	40.1	322.5	10,200*	42.1	328.7	12,500*	45.0	336.7	11,800	47.7	343.4	9,700	200
205	38.2	316.3	9,800*	40.3	322.9	12,000*	43.3	331.4	11,000	46.1	338.6	9,000	205
210	36.2	309.6	9,400*	38.4	316.7	11,500*	41.5	325.9	10,300	44.4	333.6	8,400	210
215	34.1	302.3	9,000*	36.4	310.0	11,000*	39.7	319.9	9,700	42.7	328.2	7,700	215
220	31.9	294.5	8,700*	34.4	302.8	10,500*	37.7	313.6	9,000	40.9	322.5	7,200	220
225	29.6	285.9	8,400*	32.2	295.1	10,100*	35.7	306.7	8,400	39.0	316.4	6,600	225
230	27.1	276.4	8,100*	29.9	286.6	9,600	33.6	299.4	7,800	37.1	309.9	6,000	230
235	24.3	265.8	7,900*	27.4	277.2	9,000	31.4	291.4	7,200	35.0	302.9	5,500	235
240	21.1	253.5	7,700*	24.6	266.7	8,400	29.0	282.6	6,700	32.9	295.3	5,000	240
245	17.5	238.8	7,500*	21.5	254.7	7,800	26.5	272.9	6,200	30.6	287.1	4,500	245
250	12.8	219.7	7,100*	17.9	240.3	7,300	23.6	261.9	5,600	28.2	278.0	4,000	250
255	4.5	184.7	4,900*	13.4	221.9	6,700	20.4	249.3	5,200				255
260				6.1	191.2	5,700*	16.6	233.8	4,700				260
265							11.5	213.1	4,200				265

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.0	371.3	29,500*										75
80	72.6	369.7	29,500*										80
85	71.2	368.0	29,200*	72.8	369.6	34,600*							85
90	69.8	366.1	28,900*	71.4	367.8	34,400*							90
95	68.3	364.1	28,300*	69.9	366.0	34,200*							95
100	66.8	361.9	27,800*	68.5	364.0	33,200*							100
105	65.4	359.6	26,900*	67.0	361.8	31,800*	69.4	364.4	34,200*				105
110	63.8	357.1	25,600*	65.5	359.5	30,500*	68.0	362.3	34,100*				110
115	62.3	354.5	24,300*	64.0	357.0	29,100*	66.5	360.1	34,000*				115
120	60.8	351.6	23,100*	62.5	354.4	27,800*	65.0	357.8	33,500*				120
125	59.2	348.6	21,900*	61.0	351.6	26,500*	63.5	355.3	32,100*	66.0	358.0	29,700	125
130	57.6	345.4	20,700*	59.4	348.6	25,100*	62.0	352.6	30,800*	64.5	355.6	27,900	130
135	56.0	342.0	19,600*	57.8	345.4	23,900*	60.4	349.7	29,200	63.0	353.0	26,200	135
140	54.3	338.4	18,600*	56.2	342.1	22,600*	58.9	346.7	27,500	61.4	350.2	24,600	140
145	52.6	334.6	17,600*	54.5	338.5	21,500*	57.2	343.4	25,900	59.9	347.3	23,100	145
150	50.9	330.5	16,600*	52.8	334.6	20,300*	55.6	340.0	24,500	58.3	344.2	21,800	150
155	49.1	326.1	15,700*	51.1	330.6	19,300*	53.9	336.3	23,100	56.7	340.9	20,500	155
160	47.2	321.5	14,900*	49.3	326.3	18,200*	52.2	332.4	21,900	55.0	337.4	19,300	160
165	45.3	316.5	14,100*	47.5	321.6	17,300*	50.5	328.2	20,700	53.3	333.6	18,200	165
170	43.4	311.2	13,400*	45.6	316.7	16,400*	48.7	323.8	19,500	51.6	329.6	17,200	170
175	41.3	305.5	12,700*	43.6	311.5	15,500*	46.8	319.1	18,500	49.9	325.4	16,200	175
180	39.2	299.4	12,000*	41.6	305.8	14,700*	44.9	314.1	17,500	48.0	320.9	15,300	180
185	37.0	292.8	11,500*	39.5	299.8	13,900*	42.9	308.7	16,600	46.2	316.1	14,400	185
190	34.6	285.6	10,900*	37.2	293.2	13,200*	40.9	302.9	15,700	44.2	310.9	13,600	190
195	32.1	277.7	10,400*	34.9	286.1	12,500*	38.7	296.7	14,800	42.2	305.4	12,800	195
200	29.4	268.9	10,000*	32.4	278.2	11,900*	36.5	290.0	14,000	40.1	299.5	12,100	200
205	26.4	259.0	9,500*	29.7	269.6	11,400*	34.1	282.6	13,300	38.0	293.1	11,300	205
210	23.0	247.6	9,200*	26.7	259.9	10,900*	31.5	274.5	12,600	35.7	286.1	10,700	210
215	19.1	233.9	8,900*	23.4	248.7	10,400*	28.7	265.5	11,900	33.2	278.5	10,000	215
220	14.1	215.9	8,700*	19.6	235.3	10,000*	25.7	255.4	11,200	30.6	270.2	9,400	220
225	4.9	182.2	8,700*	14.7	218.0	9,700*	22.2	243.5	10,500	27.7	260.8	8,800	225
230				6.7	188.7	9,600*	18.1	229.1	9,900	24.5	250.1	8,200	230
235							12.7	209.6	9,300	20.9	237.6	7,700	235
240										16.4	221.8	7,100	240
245										10.1	198.8	6,600	245

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

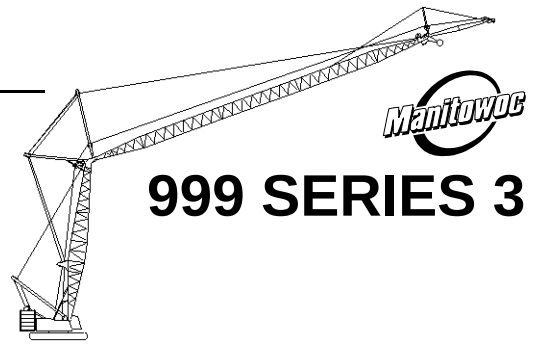
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.8	381.8	27,800*										75
80	73.4	380.2	27,600*										80
85	72.1	378.6	27,300*										85
90	70.7	376.8	27,000*	72.2	378.4	32,600*							90
95	69.3	374.9	26,700*	70.9	376.7	31,800*							95
100	67.9	372.8	26,200*	69.5	374.8	31,600*							100
105	66.5	370.6	25,700*	68.1	372.7	30,500*							105
110	65.1	368.3	24,700*	66.7	370.5	29,300*	69.0	373.2	31,600*				110
115	63.7	365.8	23,600*	65.3	368.2	28,100*	67.6	371.1	31,500*				115
120	62.2	363.1	22,400*	63.8	365.7	26,900*	66.2	368.9	31,400*				120
125	60.7	360.3	21,300*	62.4	363.1	25,700*	64.8	366.5	30,700*				125
130	59.2	357.3	20,300*	60.9	360.3	24,500*	63.4	363.9	29,400*	65.7	366.7	27,100	130
135	57.7	354.1	19,300*	59.4	357.3	23,400*	61.9	361.2	28,200*	64.3	364.3	25,400	135
140	56.2	350.7	18,300*	57.9	354.1	22,200*	60.4	358.4	26,900	62.9	361.7	23,900	140
145	54.6	347.1	17,300*	56.3	350.8	21,100*	58.9	355.3	25,300	61.4	358.9	22,400	145
150	53.0	343.3	16,500*	54.8	347.2	20,100*	57.4	352.1	23,800	59.9	356.0	21,100	150
155	51.3	339.3	15,600*	53.1	343.4	19,100*	55.8	348.7	22,500	58.4	352.9	19,800	155
160	49.6	335.0	14,800*	51.5	339.4	18,100*	54.2	345.0	21,200	56.8	349.6	18,600	160
165	47.9	330.5	14,100*	49.8	335.2	17,200*	52.6	341.2	20,000	55.3	346.1	17,500	165
170	46.1	325.7	13,300*	48.1	330.7	16,300*	50.9	337.1	18,900	53.7	342.4	16,500	170
175	44.2	320.5	12,700*	46.3	325.9	15,500*	49.2	332.8	17,900	52.0	338.4	15,500	175
180	42.3	315.0	12,000*	44.5	320.8	14,700*	47.5	328.2	16,900	50.4	334.3	14,600	180
185	40.3	309.1	11,400*	42.6	315.3	14,000*	45.7	323.3	15,900	48.6	329.9	13,700	185
190	38.3	302.8	10,900*	40.6	309.5	13,300*	43.8	318.1	15,100	46.9	325.2	12,900	190
195	36.1	296.0	10,400*	38.5	303.2	12,600*	41.9	312.5	14,200	45.0	320.2	12,100	195
200	33.8	288.6	9,900*	36.3	296.4	12,000*	39.9	306.5	13,400	43.2	314.8	11,400	200
205	31.3	280.4	9,500*	34.1	289.1	11,400*	37.8	300.1	12,700	41.2	309.1	10,700	205
210	28.7	271.4	9,100*	31.6	281.0	10,900*	35.6	293.1	12,000	39.2	303.0	10,000	210
215	25.8	261.2	8,800*	29.0	272.1	10,400*	33.3	285.5	11,300	37.0	296.4	9,400	215
220	22.5	249.5	8,500*	26.1	262.1	10,000*	30.8	277.2	10,600	34.8	289.2	8,800	220
225	18.6	235.5	8,300*	22.9	250.6	9,600*	28.1	268.0	10,000	32.4	281.4	8,200	225
230	13.7	217.1	8,100*	19.1	236.9	9,300*	25.1	257.5	9,400	29.8	272.8	7,600	230
235	4.7	182.5	8,100*	14.4	219.2	9,100*	21.7	245.4	8,800	27.1	263.2	7,100	235
240				6.6	189.2	9,000*	17.7	230.6	8,200	24.0	252.2	6,600	240
245							12.4	210.6	7,600	20.4	239.3	6,100	245
250										16.0	223.2	5,600	250
255										9.8	199.5	5,100	255



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.2	390.7	26,100*										80
85	72.9	389.1	26,000*										85
90	71.6	387.4	25,200*										90
95	70.3	385.6	24,900*	71.7	387.3	29,600*							95
100	68.9	383.7	24,600*	70.4	385.5	29,400*							100
105	67.6	381.6	24,200*	69.1	383.5	29,100*							105
110	66.3	379.4	23,800*	67.8	381.5	28,000*	70.0	383.9	29,300*				110
115	64.9	377.0	22,800*	66.4	379.2	27,000*	68.7	381.9	29,200*				115
120	63.5	374.5	21,800*	65.1	376.9	25,900*	67.3	379.8	29,100*				120
125	62.1	371.8	20,800*	63.7	374.4	24,900*	66.0	377.6	29,000*				125
130	60.7	369.0	19,800*	62.3	371.7	23,800*	64.6	375.2	28,900*	66.8	377.7	26,800	130
135	59.3	366.0	18,800*	60.9	368.9	22,800*	63.2	372.6	28,200	65.5	375.4	25,100	135
140	57.8	362.8	17,900*	59.4	365.9	21,700*	61.8	369.9	26,500	64.1	372.9	23,500	140
145	56.3	359.4	17,100*	58.0	362.8	20,700*	60.4	367.0	24,900	62.7	370.3	22,100	145
150	54.8	355.9	16,200*	56.5	359.5	19,800*	59.0	364.0	23,500	61.3	367.6	20,700	150
155	53.3	352.1	15,400*	55.0	355.9	18,800*	57.5	360.8	22,100	59.9	364.6	19,500	155
160	51.7	348.2	14,700*	53.5	352.2	17,900*	56.0	357.4	20,900	58.4	361.5	18,300	160
165	50.1	344.0	14,000*	51.9	348.2	17,100*	54.5	353.8	19,700	57.0	358.3	17,200	165
170	48.4	339.5	13,300*	50.3	344.1	16,200*	52.9	350.0	18,600	55.5	354.8	16,100	170
175	46.8	334.8	12,600*	48.6	339.7	15,500*	51.4	346.0	17,500	53.9	351.1	15,200	175
180	45.0	329.8	12,000*	47.0	335.0	14,700*	49.7	341.7	16,500	52.4	347.3	14,300	180
185	43.2	324.4	11,400*	45.2	330.0	14,000*	48.1	337.2	15,600	50.8	343.2	13,400	185
190	41.3	318.8	10,900*	43.4	324.7	13,300*	46.4	332.4	14,700	49.2	338.8	12,600	190
195	39.4	312.7	10,400*	41.6	319.1	12,700*	44.6	327.3	13,900	47.5	334.2	11,800	195
200	37.4	306.1	9,900*	39.6	313.0	12,100*	42.8	321.9	13,100	45.8	329.3	11,100	200
205	35.3	299.1	9,500*	37.6	306.5	11,500*	40.9	316.2	12,300	44.0	324.1	10,400	205
210	33.0	291.5	9,100*	35.5	299.6	11,000*	39.0	310.0	11,600	42.2	318.6	9,700	210
215	30.6	283.1	8,700*	33.3	292.0	10,500*	36.9	303.4	10,900	40.3	312.7	9,100	215
220	28.0	273.8	8,400*	30.9	283.7	10,100*	34.8	296.2	10,300	38.3	306.4	8,500	220
225	25.2	263.4	8,100*	28.3	274.6	9,600*	32.5	288.4	9,700	36.2	299.6	7,900	225
230	22.0	251.4	7,800*	25.5	264.3	9,300*	30.1	279.8	9,100	34.0	292.2	7,300	230
235	18.2	237.0	7,700*	22.4	252.5	9,000*	27.4	270.4	8,500	31.7	284.2	6,800	235
240	13.4	218.1	7,600*	18.7	238.4	8,700*	24.5	259.6	7,900	29.2	275.3	6,300	240
245	4.6	182.8	7,000*	14.0	220.3	8,500*	21.2	247.2	7,400	26.4	265.4	5,800	245
250				6.4	189.7	7,900*	17.3	232.1	6,800	23.4	254.2	5,300	250
255							12.1	211.6	6,300	19.9	241.0	4,800	255
260										15.7	224.5	4,400	260

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

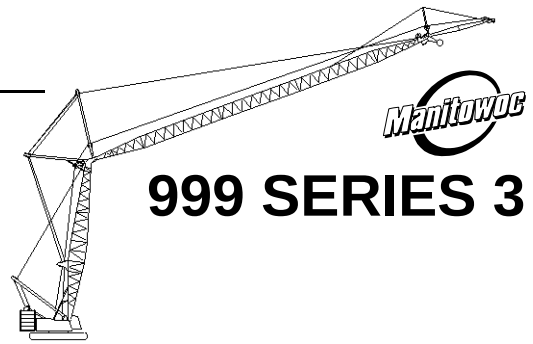
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.8	401.1	23,900*										80
85	73.6	399.6	23,700*										85
90	72.4	398.0	23,500*										90
95	71.1	396.3	23,200*	72.5	397.8	27,400*							95
100	69.9	394.4	23,000*	71.3	396.1	27,200*							100
105	68.6	392.4	22,700*	70.0	394.3	27,000*							105
110	67.3	390.3	22,300*	68.7	392.3	26,700*							110
115	66.0	388.1	21,900*	67.4	390.2	25,800*	69.6	392.7	27,000*				115
120	64.7	385.7	21,000*	66.2	388.0	24,800*	68.3	390.7	26,900*				120
125	63.4	383.1	20,100*	64.8	385.6	23,900*	67.0	388.5	26,800*				125
130	62.0	380.5	19,200*	63.5	383.1	22,900*	65.7	386.3	26,700*				130
135	60.7	377.6	18,300*	62.2	380.4	22,000*	64.4	383.8	26,500*	66.6	386.4	24,400	135
140	59.3	374.6	17,500*	60.8	377.6	21,100*	63.1	381.3	25,900	65.3	384.1	22,800	140
145	57.9	371.5	16,700*	59.5	374.6	20,200*	61.7	378.6	24,300	63.9	381.6	21,400	145
150	56.5	368.1	15,900*	58.1	371.5	19,300*	60.4	375.7	22,800	62.6	379.0	20,000	150
155	55.0	364.6	15,100*	56.6	368.1	18,400*	59.0	372.7	21,500	61.3	376.2	18,800	155
160	53.6	360.9	14,400*	55.2	364.6	17,600*	57.6	369.5	20,200	59.9	373.3	17,600	160
165	52.1	357.0	13,700*	53.7	361.0	16,800*	56.2	366.1	19,000	58.5	370.2	16,500	165
170	50.5	352.8	13,100*	52.2	357.1	16,000*	54.7	362.5	17,900	57.1	366.9	15,500	170
175	49.0	348.5	12,500*	50.7	353.0	15,300*	53.2	358.8	16,900	55.7	363.5	14,500	175
180	47.4	343.8	11,900*	49.2	348.6	14,600*	51.7	354.8	15,900	54.2	359.9	13,600	180
185	45.7	339.0	11,300*	47.5	344.0	13,900*	50.2	350.6	15,000	52.7	356.1	12,700	185
190	44.0	333.8	10,800*	45.9	339.2	13,300*	48.6	346.2	14,100	51.2	352.0	11,900	190
195	42.3	328.3	10,300*	44.2	334.0	12,700*	47.0	341.5	13,300	49.7	347.7	11,100	195
200	40.4	322.4	9,800*	42.5	328.5	12,100*	45.3	336.5	12,500	48.1	343.2	10,400	200
205	38.5	316.1	9,400*	40.6	322.7	11,500*	43.6	331.3	11,700	46.4	338.5	9,700	205
210	36.6	309.4	9,000*	38.8	316.5	11,000*	41.9	325.7	11,000	44.8	333.4	9,100	210
215	34.5	302.2	8,600*	36.8	309.8	10,500*	40.0	319.8	10,300	43.0	328.0	8,400	215
220	32.3	294.3	8,300*	34.7	302.6	10,100*	38.1	313.4	9,700	41.2	322.3	7,800	220
225	29.9	285.7	8,000*	32.5	294.9	9,600*	36.1	306.6	9,100	39.4	316.2	7,200	225
230	27.4	276.2	7,700*	30.2	286.4	9,200*	34.0	299.2	8,500	37.4	309.7	6,700	230
235	24.6	265.5	7,400*	27.7	277.0	8,900*	31.8	291.2	7,900	35.4	302.7	6,200	235
240	21.5	253.2	7,200*	24.9	266.5	8,600*	29.4	282.4	7,300	33.3	295.1	5,700	240
245	17.8	238.5	7,100*	21.9	254.4	8,300*	26.8	272.7	6,800	31.0	286.9	5,200	245
250	13.1	219.2	7,000*	18.3	240.0	7,900	24.0	261.7	6,300	28.5	277.8	4,700	250
255													
260	4.5	183.1	5,500*	13.7	221.4	7,400	20.7	249.0	5,800	25.9	267.7	4,200	255
265				6.2	190.1	6,300*	16.9	233.5	5,300				260
							11.8	212.5	4,800				265



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

160 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.3	410.1	22,400*										85
90	73.1	408.5	21,800*										90
95	71.9	406.9	21,600*										95
100	70.7	405.1	21,400*	72.0	406.7	25,200*							100
105	69.5	403.2	21,100*	70.8	404.9	25,100*							105
110	68.3	401.2	20,900*	69.6	403.1	24,900*							110
115	67.0	399.0	20,600*	68.4	401.0	24,500*							115
120	65.8	396.8	20,200*	67.2	398.9	23,700*	69.2	401.5	24,800*				120
125	64.5	394.4	19,400*	65.9	396.7	22,900*	68.0	399.4	24,700*				125
130	63.2	391.8	18,600*	64.7	394.3	22,100*	66.7	397.3	24,600*				130
135	62.0	389.1	17,800*	63.4	391.7	21,200*	65.5	395.0	24,500*				135
140	60.7	386.3	17,000*	62.1	389.1	20,400*	64.2	392.5	24,400*	66.3	395.1	22,300	140
145	59.3	383.3	16,200*	60.8	386.2	19,600*	63.0	389.9	23,800	65.1	392.8	20,800	145
150	58.0	380.1	15,500*	59.5	383.3	18,800*	61.7	387.2	22,300	63.8	390.3	19,500	150
155	56.6	376.8	14,800*	58.1	380.1	18,000*	60.4	384.3	21,000	62.5	387.7	18,200	155
160	55.2	373.3	14,100*	56.8	376.8	17,200*	59.0	381.3	19,700	61.2	384.9	17,000	160
165	53.8	369.6	13,500*	55.4	373.4	16,500*	57.7	378.1	18,500	59.9	382.0	16,000	165
170	52.4	365.8	12,900*	54.0	369.7	15,800*	56.3	374.8	17,400	58.6	378.9	14,900	170
175	50.9	361.7	12,300*	52.6	365.9	15,100*	54.9	371.2	16,400	57.2	375.6	14,000	175
180	49.4	357.4	11,800*	51.1	361.8	14,400*	53.5	367.5	15,400	55.8	372.2	13,100	180
185	47.9	352.9	11,200*	49.6	357.5	13,800*	52.1	363.6	14,500	54.5	368.6	12,200	185
190	46.3	348.1	10,700*	48.1	353.0	13,100*	50.6	359.5	13,600	53.0	364.8	11,400	190
195	44.7	343.0	10,200*	46.5	348.3	12,600*	49.1	355.1	12,800	51.6	360.8	10,600	195
200	43.1	337.7	9,800*	44.9	343.2	12,000*	47.6	350.5	12,000	50.1	356.6	9,900	200
205	41.4	332.0	9,300*	43.3	337.9	11,500*	46.0	345.7	11,200	48.6	352.2	9,200	205
210	39.6	325.9	8,900*	41.6	332.3	11,000*	44.4	340.6	10,500	47.0	347.5	8,500	210
215	37.7	319.5	8,600*	39.8	326.3	10,500*	42.7	335.2	9,800	45.4	342.6	7,900	215
220	35.8	312.6	8,200*	37.9	319.9	10,100*	41.0	329.4	9,200	43.8	337.4	7,300	220
225	33.8	305.1	7,900*	36.0	313.0	9,600*	39.2	323.3	8,600	42.1	331.8	6,700	225
230	31.6	297.1	7,600*	34.0	305.6	9,200*	37.3	316.7	8,000	40.4	326.0	6,200	230
235	29.3	288.3	7,300*	31.9	297.7	8,900*	35.3	309.7	7,400	38.5	319.7	5,700	235
240	26.8	278.5	7,100*	29.6	288.9	8,500*	33.3	302.1	6,900	36.6	313.0	5,100	240
245	24.1	267.6	6,900*	27.1	279.3	8,000	31.1	293.9	6,300	34.6	305.8	4,700	245
250	21.0	255.0	6,700*	24.4	268.6	7,500	28.8	284.9	5,800	32.6	298.0	4,200	250
255	17.4	240.0	6,600*	21.4	256.2	6,900	26.2	274.9	5,300				255
260	12.8	220.3	6,300*	17.9	241.5	6,400	23.5	263.7	4,900				260
265	4.4	183.4	4,100*	13.4	222.5	5,900	20.3	250.7	4,400				265
270				6.1	190.6	4,900*							270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

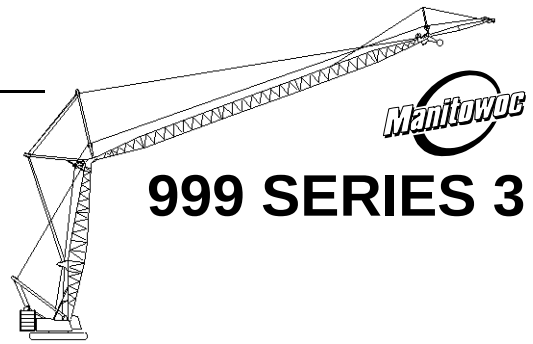
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

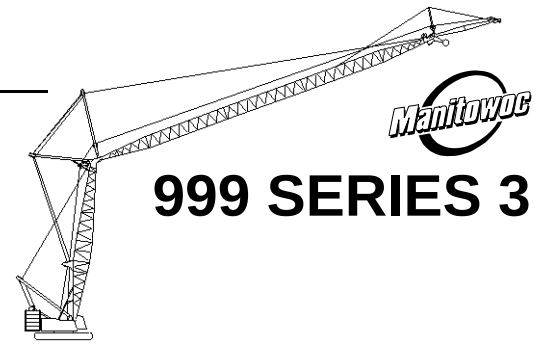
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	73.9	380.5	25,700*										80
85	72.6	378.9	25,600*										85
90	71.2	377.1	25,400*	72.7	378.7	29,500*							90
95	69.8	375.2	25,200*	71.4	377.0	29,500*							95
100	68.4	373.2	25,000*	70.0	375.1	29,500*							100
105	67.0	371.0	24,800*	68.6	373.1	29,500*							105
110	65.6	368.7	24,400*	67.2	370.9	29,100*	69.5	373.5	29,300*				110
115	64.2	366.2	23,700*	65.8	368.6	28,000*	68.1	371.4	29,200*				115
120	62.7	363.6	22,500*	64.4	366.2	26,800*	66.7	369.2	29,200*				120
125	61.3	360.8	21,400*	62.9	363.5	25,700*	65.3	366.9	29,100*				125
130	59.8	357.8	20,400*	61.4	360.8	24,500*	63.9	364.4	28,600*	66.2	367.1	28,000	130
135	58.2	354.7	19,300*	59.9	357.8	23,400*	62.4	361.7	27,300*	64.8	364.7	26,300	135
140	56.7	351.3	18,400*	58.4	354.7	22,300*	60.9	358.9	26,200*	63.4	362.1	24,800	140
145	55.1	347.8	17,400*	56.9	351.4	21,200*	59.4	355.9	25,100*	61.9	359.4	23,300	145
150	53.5	344.0	16,500*	55.3	347.8	20,100*	57.9	352.7	24,100*	60.4	356.5	21,900	150
155	51.9	340.0	15,600*	53.7	344.1	19,100*	56.3	349.3	23,100*	58.9	353.4	20,700	155
160	50.2	335.8	14,800*	52.0	340.1	18,100*	54.8	345.7	22,100	57.4	350.2	19,500	160
165	48.4	331.3	14,100*	50.4	335.9	17,200*	53.1	341.9	20,900	55.8	346.7	18,400	165
170	46.7	326.5	13,300*	48.6	331.5	16,300*	51.5	337.8	19,800	54.2	343.0	17,300	170
175	44.8	321.5	12,600*	46.9	326.7	15,500*	49.8	333.6	18,700	52.6	339.2	16,400	175
180	42.9	316.0	12,000*	45.0	321.7	14,700*	48.1	329.0	17,700	50.9	335.0	15,400	180
185	41.0	310.2	11,400*	43.1	316.3	13,900*	46.3	324.2	16,800	49.2	330.7	14,600	185
190	38.9	304.0	10,800*	41.2	310.5	13,200*	44.4	319.0	15,900	47.4	326.0	13,700	190
195	36.7	297.2	10,300*	39.1	304.3	12,500*	42.5	313.5	15,000	45.6	321.1	13,000	195
200	34.5	289.9	9,800*	37.0	297.7	11,800*	40.5	307.6	14,200	43.8	315.8	12,200	200
205	32.0	281.9	9,300*	34.7	290.4	11,300*	38.4	301.2	13,500	41.8	310.1	11,500	205
210	29.4	273.1	8,900*	32.3	282.5	10,700*	36.2	294.4	12,800	39.8	304.1	10,900	210
215	26.5	263.1	8,600*	29.7	273.8	10,200*	33.9	286.9	12,100	37.7	297.6	10,200	215
220	23.3	251.8	8,200*	26.9	264.0	9,800*	31.5	278.8	11,400	35.5	290.5	9,600	220
225	19.6	238.2	8,000*	23.7	252.8	9,300*	28.8	269.7	10,800	33.1	282.8	9,000	225
230	15.0	220.8	7,800*	20.1	239.5	9,000*	25.9	259.5	10,200	30.6	274.4	8,400	230
235	7.6	192.6	7,800*	15.6	222.8	8,700*	22.6	247.7	9,600	27.8	264.9	7,900	235
240				8.8	196.9	8,600*	18.7	233.5	9,000	24.8	254.3	7,400	240
245							13.7	214.8	8,400	21.3	241.8	6,900	245
250							4.0	177.6	7,800	17.2	226.4	6,400	250
255										11.5	204.8	5,900	255



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.6	391.0	24,200*										80
85	73.4	389.4	24,000*										85
90	72.1	387.7	23,900*										90
95	70.7	385.9	23,900*	72.2	387.6	27,800*							95
100	69.4	384.0	23,500*	70.9	385.8	27,700*							100
105	68.1	381.9	23,300*	69.6	383.9	27,600*							105
110	66.7	379.7	23,100*	68.2	381.8	27,600*							110
115	65.4	377.4	22,700*	66.9	379.6	26,800*	69.1	382.3	27,400*				115
120	64.0	374.9	21,800*	65.5	377.3	25,800*	67.8	380.2	27,400*				120
125	62.6	372.3	20,800*	64.2	374.8	24,800*	66.4	377.9	27,300*				125
130	61.2	369.5	19,900*	62.8	372.2	23,800*	65.1	375.6	27,300*				130
135	59.8	366.5	18,900*	61.4	369.4	22,800*	63.7	373.0	26,200*	66.0	375.8	25,600	135
140	58.3	363.3	18,000*	59.9	366.5	21,700*	62.3	370.4	25,100*	64.6	373.4	24,100	140
145	56.8	360.0	17,100*	58.5	363.3	20,800*	60.9	367.5	24,100*	63.2	370.8	22,600	145
150	55.3	356.5	16,300*	57.0	360.0	19,800*	59.5	364.5	23,100*	61.8	368.0	21,200	150
155	53.8	352.8	15,500*	55.5	356.6	18,800*	58.0	361.3	22,200*	60.4	365.2	20,000	155
160	52.2	348.9	14,700*	54.0	352.9	17,900*	56.5	358.0	21,400*	59.0	362.1	18,800	160
165	50.6	344.7	13,900*	52.4	349.0	17,000*	55.0	354.4	20,200	57.5	358.8	17,700	165
170	49.0	340.3	13,200*	50.8	344.8	16,200*	53.5	350.7	19,100	56.0	355.4	16,700	170
175	47.3	335.6	12,600*	49.2	340.4	15,400*	51.9	346.7	18,100	54.5	351.8	15,700	175
180	45.6	330.7	11,900*	47.5	335.8	14,700*	50.3	342.5	17,100	52.9	347.9	14,800	180
185	43.8	325.4	11,400*	45.8	330.9	13,900*	48.6	338.0	16,100	51.3	343.9	13,900	185
190	41.9	319.8	10,800*	44.0	325.7	13,200*	46.9	333.3	15,300	49.7	339.6	13,100	190
195	40.0	313.8	10,300*	42.1	320.1	12,600*	45.2	328.2	14,400	48.0	335.0	12,300	195
200	38.0	307.3	9,800*	40.2	314.1	11,900*	43.4	322.9	13,600	46.3	330.2	11,600	200
205	35.9	300.4	9,300*	38.2	307.7	11,400*	41.5	317.2	12,900	44.6	325.1	10,900	205
210	33.7	292.9	8,900*	36.1	300.8	10,800*	39.6	311.1	12,200	42.7	319.6	10,200	210
215	31.3	284.6	8,500*	33.9	293.4	10,300*	37.5	304.6	11,500	40.8	313.8	9,600	215
220	28.7	275.5	8,200*	31.6	285.2	9,800*	35.4	297.5	10,800	38.9	307.5	9,000	220
225	25.9	265.4	7,900*	29.0	276.3	9,400*	33.1	289.8	10,200	36.8	300.8	8,400	225
230	22.8	253.7	7,600*	26.3	266.2	9,000*	30.7	281.4	9,600	34.6	293.6	7,800	230
235	19.2	239.8	7,400*	23.2	254.7	8,700*	28.1	272.1	9,000	32.3	285.6	7,300	235
240	14.6	222.0	7,200*	19.6	241.2	8,400*	25.3	261.6	8,400	29.9	277.0	6,800	240
245	7.4	193.1	7,200*	15.2	224.0	8,100*	22.1	249.6	7,900	27.2	267.3	6,300	245
250				8.6	197.6	8,000*	18.3	235.0	7,400	24.2	256.3	5,800	250
255							13.4	215.9	6,800	20.8	243.5	5,300	255
260							3.9	177.8	6,300	16.8	227.7	4,900	260
265										11.2	205.7	4,400	265

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

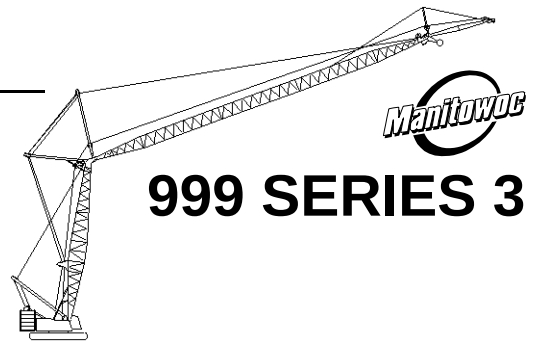
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

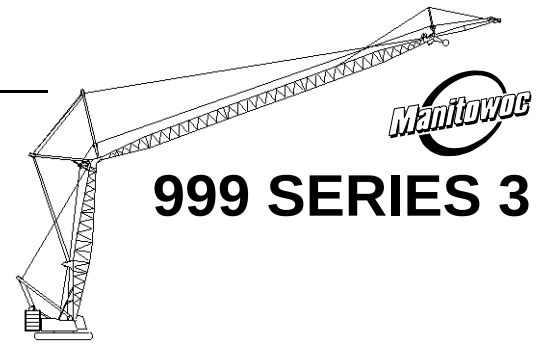
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.1	399.9	22,500*										85
90	72.8	398.3	22,400*										90
95	71.6	396.6	22,300*	73.0	398.1	26,000*							95
100	70.3	394.7	22,100*	71.7	396.4	25,900*							100
105	69.0	392.8	21,900*	70.5	394.6	25,800*							105
110	67.8	390.7	21,700*	69.2	392.6	25,700*							110
115	66.5	388.5	21,500*	67.9	390.6	25,500*							115
120	65.2	386.1	21,100*	66.6	388.3	24,800*	68.8	391.0	25,600*				120
125	63.8	383.6	20,200*	65.3	386.0	23,900*	67.5	388.9	25,600*				125
130	62.5	380.9	19,300*	64.0	383.5	23,000*	66.2	386.7	25,500*				130
135	61.2	378.1	18,400*	62.7	380.9	22,100*	64.9	384.3	25,400*				135
140	59.8	375.2	17,600*	61.3	378.1	21,200*	63.6	381.7	25,400*	65.7	384.5	23,700	140
145	58.4	372.0	16,800*	59.9	375.1	20,300*	62.2	379.0	24,900*	64.4	382.0	22,200	145
150	57.0	368.7	16,000*	58.5	372.0	19,400*	60.9	376.2	23,700	63.1	379.4	20,900	150
155	55.5	365.2	15,200*	57.1	368.7	18,500*	59.5	373.2	22,300	61.7	376.7	19,600	155
160	54.1	361.6	14,500*	55.7	365.3	17,700*	58.1	370.0	21,100	60.4	373.8	18,400	160
165	52.6	357.7	13,800*	54.2	361.6	16,800*	56.7	366.7	19,900	59.0	370.8	17,300	165
170	51.0	353.6	13,100*	52.7	357.8	16,100*	55.2	363.1	18,800	57.6	367.5	16,300	170
175	49.5	349.2	12,500*	51.2	353.7	15,300*	53.7	359.4	17,700	56.2	364.1	15,300	175
180	47.9	344.7	11,900*	49.7	349.4	14,600*	52.2	355.5	16,700	54.7	360.5	14,400	180
185	46.2	339.8	11,300*	48.1	344.8	13,900*	50.7	351.4	15,800	53.2	356.7	13,600	185
190	44.5	334.7	10,800*	46.4	340.0	13,200*	49.1	347.0	14,900	51.7	352.7	12,700	190
195	42.8	329.2	10,300*	44.7	334.9	12,600*	47.5	342.3	14,100	50.2	348.5	12,000	195
200	41.0	323.4	9,800*	43.0	329.5	12,000*	45.9	337.4	13,300	48.6	344.0	11,200	200
205	39.1	317.3	9,300*	41.2	323.8	11,400*	44.2	332.2	12,500	47.0	339.3	10,500	205
210	37.2	310.6	8,900*	39.3	317.6	10,900*	42.4	326.7	11,800	45.3	334.3	9,900	210
215	35.1	303.5	8,500*	37.4	311.0	10,400*	40.6	320.8	11,100	43.6	329.0	9,200	215
220	32.9	295.7	8,200*	35.3	303.9	9,900*	38.7	314.5	10,500	41.8	323.4	8,600	220
225	30.6	287.3	7,800*	33.2	296.3	9,500*	36.7	307.8	9,900	39.9	317.3	8,000	225
230	28.1	278.0	7,500*	30.9	287.9	9,100*	34.6	300.5	9,300	38.0	310.9	7,500	230
235	25.4	267.5	7,300*	28.4	278.7	8,700*	32.4	292.6	8,700	36.0	304.0	7,000	235
240	22.3	255.6	7,000*	25.7	268.4	8,400*	30.1	284.0	8,100	33.9	296.5	6,400	240
245	18.7	241.4	6,900*	22.7	256.7	8,100*	27.5	274.5	7,600	31.6	288.4	5,900	245
250	14.3	223.2	6,800*	19.2	242.8	7,800*	24.7	263.7	7,100	29.2	279.5	5,500	250
255	7.2	193.6	6,800*	14.9	225.2	7,600*	21.6	251.4	6,600	26.6	269.6	5,000	255
260				8.4	198.2	7,500*	17.9	236.5	6,100	23.7	258.3	4,600	260
265							13.1	216.9	5,600	20.4	245.2	4,100	265
270							3.8	177.9	5,100				270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	410.3	21,600*										85
90	73.5	408.8	20,900*										90
95	72.3	407.2	20,800*										95
100	71.1	405.4	20,600*	72.5	407.0	24,200*							100
105	69.9	403.5	20,500*	71.3	405.2	24,000*							105
110	68.7	401.5	20,300*	70.1	403.4	24,000*							110
115	67.5	399.4	20,100*	68.8	401.4	23,900*							115
120	66.2	397.2	19,900*	67.6	399.3	23,700*	69.7	401.8	23,800*				120
125	65.0	394.8	19,500*	66.4	397.0	22,900*	68.4	399.8	23,800*				125
130	63.7	392.2	18,600*	65.1	394.7	22,100*	67.2	397.6	23,700*				130
135	62.4	389.6	17,800*	63.8	392.2	21,200*	65.9	395.4	23,600*				135
140	61.1	386.8	17,100*	62.6	389.5	20,400*	64.7	392.9	23,600*	66.8	395.5	23,000	140
145	59.8	383.8	16,300*	61.3	386.7	19,600*	63.4	390.4	23,500*	65.5	393.2	21,600	145
150	58.5	380.7	15,600*	59.9	383.8	18,800*	62.1	387.7	23,100*	64.2	390.7	20,200	150
155	57.1	377.4	14,900*	58.6	380.7	18,000*	60.8	384.8	21,700	63.0	388.1	18,900	155
160	55.7	373.9	14,200*	57.3	377.4	17,300*	59.5	381.8	20,400	61.7	385.4	17,800	160
165	54.3	370.3	13,600*	55.9	374.0	16,500*	58.2	378.7	19,300	60.4	382.5	16,700	165
170	52.9	366.5	12,900*	54.5	370.4	15,800*	56.8	375.4	18,100	59.0	379.4	15,600	170
175	51.4	362.4	12,300*	53.0	366.5	15,100*	55.4	371.9	17,100	57.7	376.2	14,700	175
180	49.9	358.2	11,800*	51.6	362.5	14,400*	54.0	368.2	16,100	56.3	372.8	13,800	180
185	48.4	353.7	11,200*	50.1	358.3	13,700*	52.6	364.3	15,200	54.9	369.3	12,900	185
190	46.9	348.9	10,700*	48.6	353.8	13,100*	51.1	360.2	14,300	53.5	365.5	12,100	190
195	45.2	343.9	10,200*	47.0	349.1	12,500*	49.6	355.9	13,500	52.1	361.6	11,300	195
200	43.6	338.6	9,700*	45.4	344.1	12,000*	48.1	351.4	12,700	50.6	357.4	10,600	200
205	41.9	333.0	9,300*	43.8	338.9	11,400*	46.5	346.6	11,900	49.1	353.0	9,900	205
210	40.1	327.0	8,900*	42.1	333.3	10,900*	44.9	341.5	11,200	47.5	348.4	9,200	210
215	38.3	320.7	8,500*	40.3	327.4	10,400*	43.2	336.1	10,500	45.9	343.5	8,600	215
220	36.4	313.8	8,100*	38.5	321.0	10,000*	41.5	330.4	9,900	44.3	338.3	8,000	220
225	34.3	306.5	7,800*	36.6	314.3	9,500*	39.7	324.4	9,300	42.6	332.8	7,400	225
230	32.2	298.5	7,500*	34.6	307.0	9,100*	37.9	317.9	8,700	40.9	327.0	6,900	230
235	29.9	289.9	7,200*	32.5	299.1	8,700*	35.9	311.0	8,100	39.1	320.8	6,300	235
240	27.5	280.3	6,900*	30.2	290.5	8,400*	33.9	303.5	7,500	37.2	314.2	5,800	240
245	24.8	269.6	6,700*	27.8	281.1	8,000*	31.7	295.4	7,000	35.2	307.1	5,300	245
250	21.8	257.4	6,500*	25.1	270.6	7,700*	29.4	286.6	6,500	33.2	299.4	4,900	250
255	18.3	242.9	6,400*	22.2	258.5	7,500*	26.9	276.8	6,000	31.0	291.1	4,400	255
260	14.0	224.3	6,300*	18.8	244.3	7,100	24.2	265.8	5,500	28.6	281.9	4,000	260
265	7.0	194.2	5,400*	14.5	226.4	6,600	21.1	253.2	5,100				265
270				8.2	198.8	6,000*	17.5	237.9	4,600				270
275							12.8	218.0	4,200				275

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

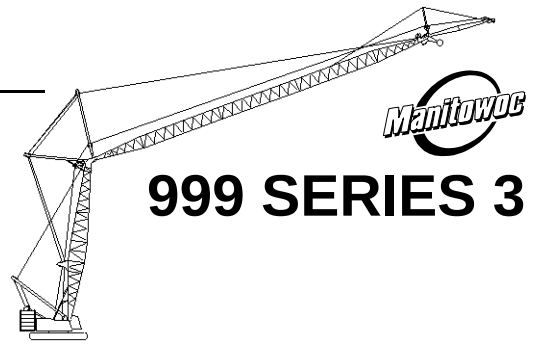
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

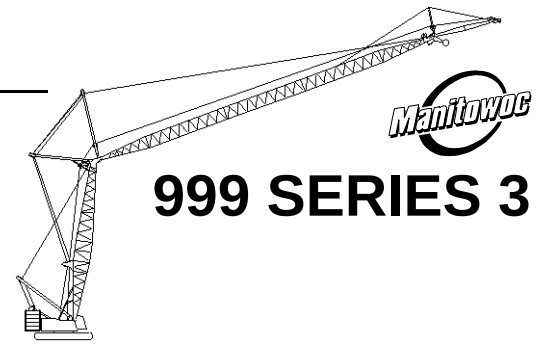
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

160 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.2	419.3	19,500*										90
95	73.0	417.7	19,400*										95
100	71.9	416.0	19,200*										100
105	70.7	414.2	19,100*	72.0	415.8	22,400*							105
110	69.6	412.3	18,900*	70.9	414.1	22,300*							110
115	68.4	410.3	18,800*	69.7	412.2	22,100*							115
120	67.2	408.1	18,600*	68.5	410.1	22,000*							120
125	66.0	405.9	18,400*	67.3	408.0	21,800*	69.3	410.6	22,100*				125
130	64.8	403.5	18,000*	66.1	405.8	21,100*	68.1	408.5	22,000*				130
135	63.6	400.9	17,200*	64.9	403.4	20,400*	66.9	406.3	21,900*				135
140	62.3	398.2	16,500*	63.7	400.8	19,700*	65.7	404.0	21,800*				140
145	61.1	395.4	15,800*	62.5	398.2	18,900*	64.5	401.6	21,800*	66.5	404.2	21,000	145
150	59.8	392.5	15,200*	61.2	395.4	18,200*	63.3	399.1	21,700*	65.3	401.9	19,700	150
155	58.5	389.4	14,500*	59.9	392.4	17,500*	62.0	396.3	21,200*	64.1	399.4	18,400	155
160	57.2	386.1	13,900*	58.7	389.4	16,800*	60.8	393.5	19,900	62.9	396.8	17,200	160
165	55.9	382.7	13,300*	57.4	386.1	16,100*	59.5	390.5	18,700	61.6	394.0	16,100	165
170	54.5	379.0	12,700*	56.0	382.7	15,500*	58.2	387.4	17,600	60.3	391.1	15,100	170
175	53.2	375.2	12,100*	54.7	379.1	14,800*	56.9	384.1	16,600	59.1	388.1	14,100	175
180	51.8	371.3	11,600*	53.3	375.3	14,200*	55.6	380.6	15,600	57.8	384.9	13,200	180
185	50.4	367.1	11,100*	51.9	371.4	13,600*	54.2	376.9	14,700	56.5	381.5	12,400	185
190	48.9	362.7	10,600*	50.5	367.2	13,000*	52.9	373.1	13,800	55.1	378.0	11,500	190
195	47.4	358.0	10,100*	49.1	362.8	12,400*	51.5	369.1	12,900	53.8	374.3	10,800	195
200	45.9	353.1	9,700*	47.6	358.2	11,900*	50.0	364.8	12,200	52.4	370.4	10,000	200
205	44.3	347.9	9,200*	46.1	353.3	11,300*	48.6	360.4	11,400	51.0	366.3	9,400	205
210	42.7	342.5	8,800*	44.5	348.2	10,800*	47.1	355.7	10,700	49.5	361.9	8,700	210
215	41.0	336.7	8,400*	42.9	342.7	10,400*	45.5	350.7	10,000	48.1	357.4	8,100	215
220	39.3	330.5	8,100*	41.2	337.0	9,900*	44.0	345.5	9,400	46.5	352.6	7,500	220
225	37.5	324.0	7,700*	39.5	330.9	9,500*	42.3	339.9	8,800	45.0	347.6	6,900	225
230	35.6	317.0	7,400*	37.7	324.4	9,100*	40.6	334.1	8,200	43.4	342.2	6,300	230
235	33.6	309.4	7,100*	35.8	317.4	8,700*	38.9	327.8	7,600	41.8	336.6	5,800	235
240	31.6	301.3	6,800*	33.9	310.0	8,400*	37.1	321.2	7,000	40.1	330.6	5,300	240
245	29.3	292.4	6,600*	31.8	301.9	8,000*	35.2	314.1	6,500	38.3	324.2	4,800	245
250	26.9	282.6	6,400*	29.6	293.1	7,700*	33.2	306.4	6,000	36.4	317.4	4,400	250
255	24.3	271.7	6,200*	27.2	283.4	7,200	31.1	298.1	5,500				255
260	21.4	259.2	6,000*	24.6	272.7	6,700	28.8	289.1	5,100				260
265	18.0	244.4	5,900*	21.7	260.4	6,200	26.4	279.1	4,600				265
270	13.7	225.4	5,700*	18.4	245.9	5,700	23.7	267.8	4,200				270
275	6.9	194.6	4,000*	14.2	227.5	5,200							275
280				8.0	199.4	4,600*							280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.7	391.0	21,400*										80
85	73.4	389.4	21,300*										85
90	72.1	387.8	21,200*										90
95	70.8	386.0	21,000*	72.3	387.6	24,500*							95
100	69.5	384.0	20,800*	71.0	385.8	24,300*							100
105	68.2	382.0	20,600*	69.6	383.9	24,100*							105
110	66.8	379.8	20,400*	68.3	381.9	24,000*							110
115	65.5	377.4	20,300*	67.0	379.7	23,800*	69.2	382.3	23,800*				115
120	64.1	374.9	20,100*	65.6	377.3	23,600*	67.9	380.2	23,800*				120
125	62.7	372.3	19,900*	64.2	374.9	23,400*	66.5	378.0	23,500*				125
130	61.3	369.5	19,500*	62.9	372.2	23,100*	65.2	375.6	23,200*				130
135	59.8	366.5	18,600*	61.4	369.5	22,300*	63.8	373.1	23,100*	66.0	375.8	23,000*	135
140	58.4	363.4	17,700*	60.0	366.5	21,300*	62.4	370.4	22,900*	64.7	373.4	22,700*	140
145	56.9	360.1	16,800*	58.6	363.4	20,300*	61.0	367.6	22,700*	63.3	370.8	22,600*	145
150	55.4	356.5	16,000*	57.1	360.1	19,400*	59.5	364.6	22,000*	61.9	368.1	21,900	150
155	53.9	352.8	15,200*	55.6	356.6	18,500*	58.1	361.4	21,100*	60.5	365.2	20,700	155
160	52.3	348.9	14,400*	54.1	352.9	17,600*	56.6	358.0	20,200*	59.0	362.1	19,500	160
165	50.7	344.7	13,700*	52.5	349.0	16,700*	55.1	354.5	19,400*	57.6	358.9	18,400	165
170	49.1	340.3	13,000*	50.9	344.9	15,900*	53.5	350.7	18,700*	56.1	355.5	17,400	170
175	47.4	335.7	12,300*	49.3	340.5	15,100*	52.0	346.7	17,900*	54.5	351.8	16,400	175
180	45.6	330.7	11,600*	47.6	335.9	14,300*	50.3	342.5	17,300*	53.0	348.0	15,500	180
185	43.9	325.4	11,000*	45.8	330.9	13,600*	48.7	338.0	16,600*	51.4	343.9	14,600	185
190	42.0	319.8	10,500*	44.1	325.7	12,900*	47.0	333.3	15,900	49.8	339.6	13,800	190
195	40.1	313.8	10,000*	42.2	320.1	12,200*	45.3	328.3	15,100	48.1	335.1	13,000	195
200	38.1	307.4	9,500*	40.3	314.2	11,600*	43.5	323.0	14,300	46.4	330.3	12,300	200
205	36.0	300.4	9,000*	38.3	307.8	11,000*	41.6	317.3	13,600	44.6	325.1	11,600	205
210	33.7	292.9	8,600*	36.2	300.9	10,400*	39.6	311.2	12,800	42.8	319.7	10,900	210
215	31.4	284.7	8,200*	34.0	293.4	9,900*	37.6	304.6	12,200	40.9	313.8	10,300	215
220	28.8	275.6	7,800*	31.6	285.3	9,400*	35.5	297.5	11,500	39.0	307.6	9,700	220
225	26.0	265.4	7,500*	29.1	276.3	9,000*	33.2	289.9	10,900	36.9	300.9	9,100	225
230	22.9	253.8	7,200*	26.4	266.3	8,600*	30.8	281.5	10,300	34.7	293.6	8,500	230
235	19.3	239.9	7,000*	23.3	254.8	8,200*	28.2	272.2	9,700	32.4	285.7	8,000	235
240	14.7	222.1	6,800*	19.7	241.3	7,900*	25.4	261.7	9,100	29.9	277.0	7,500	240
245	7.5	193.4	6,800*	15.3	224.1	7,600*	22.1	249.6	8,600	27.3	267.4	7,000	245
250				8.7	197.8	7,500*	18.4	235.1	8,100	24.3	256.4	6,500	250
255							13.5	216.0	7,500	20.9	243.6	6,000	255
260							4.1	178.4	7,000	16.8	227.9	5,600	260
265										11.3	205.9	5,100	265

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

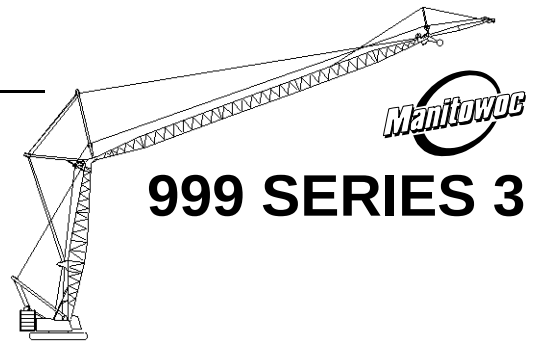
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

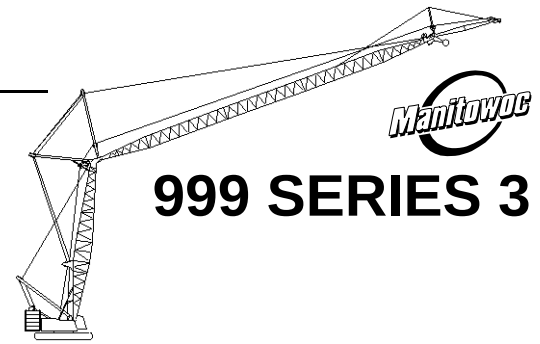
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.1	399.9	20,300*										85
90	72.9	398.3	20,200*										90
95	71.6	396.6	20,100*										95
100	70.4	394.8	20,000*	71.8	396.4	23,300*							100
105	69.1	392.8	19,800*	70.5	394.6	23,200*							105
110	67.8	390.7	19,700*	69.3	392.7	23,000*							110
115	66.5	388.5	19,500*	68.0	390.6	22,800*							115
120	65.2	386.1	19,300*	66.7	388.4	22,700*	68.8	391.1	22,700*				120
125	63.9	383.6	19,100*	65.4	386.0	22,500*	67.6	388.9	22,700*				125
130	62.6	381.0	18,900*	64.1	383.5	22,400*	66.3	386.7	22,500*				130
135	61.2	378.2	18,100*	62.7	380.9	21,600*	64.9	384.3	22,400*				135
140	59.9	375.2	17,300*	61.4	378.1	20,700*	63.6	381.8	22,300*	65.8	384.5	22,000*	140
145	58.5	372.1	16,500*	60.0	375.2	19,900*	62.3	379.1	22,000*	64.5	382.1	22,000*	145
150	57.0	368.8	15,700*	58.6	372.1	19,000*	60.9	376.2	21,100*	63.2	379.5	21,200	150
155	55.6	365.3	14,900*	57.2	368.8	18,200*	59.5	373.2	20,300*	61.8	376.7	20,000	155
160	54.1	361.6	14,200*	55.8	365.3	17,300*	58.1	370.1	19,400*	60.4	373.8	18,800	160
165	52.6	357.7	13,500*	54.3	361.7	16,500*	56.7	366.7	18,700*	59.1	370.8	17,700	165
170	51.1	353.6	12,900*	52.8	357.8	15,700*	55.3	363.2	17,900*	57.7	367.6	16,700	170
175	49.6	349.3	12,200*	51.3	353.7	15,000*	53.8	359.5	17,300*	56.2	364.2	15,700	175
180	48.0	344.7	11,600*	49.7	349.4	14,300*	52.3	355.5	16,600*	54.8	360.6	14,800	180
185	46.3	339.9	11,000*	48.1	344.9	13,600*	50.8	351.4	16,000*	53.3	356.8	13,900	185
190	44.6	334.7	10,500*	46.5	340.1	12,900*	49.2	347.0	15,300	51.8	352.8	13,100	190
195	42.9	329.3	10,000*	44.8	335.0	12,300*	47.6	342.4	14,500	50.2	348.5	12,300	195
200	41.1	323.5	9,500*	43.1	329.6	11,700*	45.9	337.5	13,700	48.7	344.1	11,600	200
205	39.2	317.3	9,000*	41.3	323.8	11,100*	44.2	332.3	12,900	47.0	339.4	10,900	205
210	37.2	310.7	8,600*	39.4	317.7	10,500*	42.5	326.8	12,200	45.4	334.4	10,200	210
215	35.2	303.5	8,200*	37.5	311.1	10,000*	40.7	320.9	11,500	43.6	329.1	9,600	215
220	33.0	295.8	7,800*	35.4	304.0	9,500*	38.8	314.6	10,900	41.9	323.4	9,000	220
225	30.7	287.3	7,500*	33.2	296.3	9,100*	36.8	307.9	10,300	40.0	317.4	8,400	225
230	28.2	278.0	7,200*	30.9	288.0	8,700*	34.7	300.6	9,700	38.1	311.0	7,900	230
235	25.4	267.6	6,900*	28.5	278.8	8,300*	32.5	292.7	9,100	36.1	304.0	7,400	235
240	22.4	255.6	6,700*	25.8	268.5	8,000*	30.1	284.1	8,600	34.0	296.6	6,800	240
245	18.8	241.5	6,500*	22.8	256.7	7,600*	27.6	274.5	8,000	31.7	288.5	6,400	245
250	14.4	223.3	6,300*	19.3	242.9	7,400*	24.8	263.8	7,500	29.3	279.5	5,900	250
255	7.3	193.9	6,300*	15.0	225.3	7,200*	21.7	251.5	7,000	26.7	269.6	5,400	255
260				8.5	198.4	7,100*	18.0	236.6	6,500	23.8	258.4	5,000	260
265							13.2	217.1	6,000	20.5	245.3	4,500	265
270							4.0	178.6	5,500	16.5	229.2	4,100	270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.8	410.4	19,400*										85
90	73.6	408.8	19,300*										90
95	72.4	407.2	19,200*										95
100	71.2	405.4	19,000*	72.5	407.0	22,200*							100
105	70.0	403.6	18,900*	71.3	405.3	22,100*							105
110	68.8	401.6	18,800*	70.1	403.4	22,000*							110
115	67.5	399.4	18,600*	68.9	401.4	21,800*							115
120	66.3	397.2	18,500*	67.7	399.3	21,700*	69.7	401.8	21,700*				120
125	65.0	394.8	18,300*	66.4	397.1	21,600*	68.5	399.8	21,600*				125
130	63.8	392.3	18,100*	65.2	394.7	21,400*	67.3	397.7	21,600*				130
135	62.5	389.6	17,600*	63.9	392.2	20,900*	66.0	395.4	21,500*				135
140	61.2	386.8	16,800*	62.6	389.6	20,100*	64.8	393.0	21,400*	66.8	395.5	21,000*	140
145	59.9	383.8	16,100*	61.3	386.8	19,300*	63.5	390.4	21,300*	65.6	393.2	21,000*	145
150	58.5	380.7	15,400*	60.0	383.8	18,500*	62.2	387.7	21,200*	64.3	390.7	20,900	150
155	57.2	377.4	14,700*	58.7	380.7	17,800*	60.9	384.9	20,900*	63.0	388.1	19,600	155
160	55.8	374.0	14,000*	57.3	377.5	17,000*	59.6	381.9	20,200*	61.7	385.4	18,400	160
165	54.4	370.3	13,300*	55.9	374.0	16,300*	58.2	378.7	19,400*	60.4	382.5	17,300	165
170	53.0	366.5	12,700*	54.5	370.4	15,500*	56.9	375.4	18,700*	59.1	379.5	16,300	170
175	51.5	362.5	12,100*	53.1	366.6	14,800*	55.5	371.9	17,700	57.8	376.2	15,300	175
180	50.0	358.2	11,500*	51.7	362.6	14,100*	54.1	368.2	16,800	56.4	372.9	14,400	180
185	48.5	353.7	11,000*	50.2	358.3	13,500*	52.6	364.3	15,800	55.0	369.3	13,600	185
190	46.9	349.0	10,500*	48.7	353.9	12,900*	51.2	360.3	15,000	53.6	365.5	12,700	190
195	45.3	344.0	10,000*	47.1	349.2	12,300*	49.7	356.0	14,100	52.1	361.6	12,000	195
200	43.7	338.7	9,500*	45.5	344.2	11,700*	48.1	351.4	13,300	50.7	357.4	11,200	200
205	42.0	333.1	9,000*	43.9	338.9	11,100*	46.6	346.6	12,600	49.1	353.0	10,500	205
210	40.2	327.1	8,600*	42.2	333.3	10,600*	45.0	341.5	11,900	47.6	348.4	9,900	210
215	38.4	320.7	8,200*	40.4	327.4	10,100*	43.3	336.2	11,200	46.0	343.5	9,300	215
220	36.4	313.9	7,900*	38.6	321.1	9,600*	41.6	330.5	10,500	44.4	338.4	8,700	220
225	34.4	306.5	7,500*	36.7	314.3	9,200*	39.8	324.4	9,900	42.7	332.9	8,100	225
230	32.3	298.6	7,200*	34.7	307.0	8,800*	37.9	318.0	9,300	41.0	327.1	7,500	230
235	30.0	289.9	6,900*	32.5	299.2	8,400*	36.0	311.0	8,800	39.2	320.9	7,000	235
240	27.6	280.4	6,600*	30.3	290.6	8,000*	34.0	303.6	8,200	37.3	314.3	6,500	240
245	24.9	269.7	6,400*	27.9	281.2	7,700*	31.8	295.5	7,700	35.3	307.1	6,000	245
250	21.9	257.5	6,200*	25.2	270.6	7,400*	29.5	286.6	7,200	33.2	299.5	5,500	250
255	18.4	243.0	6,000*	22.3	258.6	7,100*	27.0	276.9	6,700	31.0	291.1	5,100	255
260	14.1	224.4	5,900*	18.9	244.4	6,900*	24.3	265.9	6,200	28.7	282.0	4,600	260
265	7.2	194.4	5,900*	14.6	226.5	6,700*	21.2	253.2	5,700	26.1	271.9	4,200	265
270				8.3	199.0	6,700*	17.6	238.1	5,300				270
275							12.9	218.1	4,800				275
280							3.9	178.8	4,300				280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

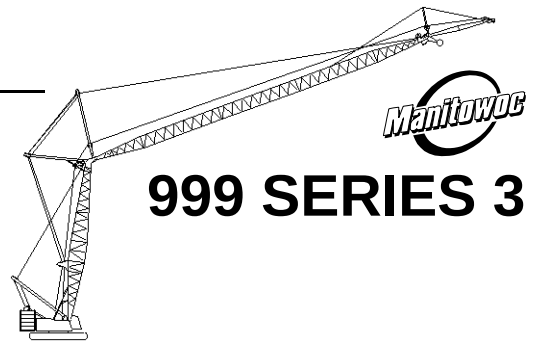
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

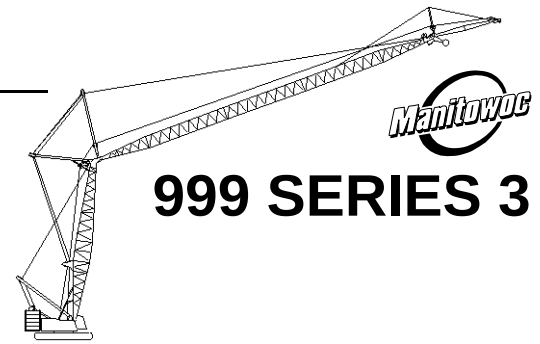
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.2	419.3	18,200*										90
95	73.1	417.7	18,100*										95
100	71.9	416.0	18,000*										100
105	70.8	414.3	17,900*	72.1	415.9	20,900*							105
110	69.6	412.3	17,800*	70.9	414.1	20,800*							110
115	68.4	410.3	17,600*	69.7	412.2	20,700*							115
120	67.3	408.2	17,500*	68.6	410.2	20,600*							120
125	66.1	405.9	17,400*	67.4	408.0	20,500*	69.4	410.6	20,500*				125
130	64.8	403.5	17,200*	66.2	405.8	20,400*	68.2	408.6	20,400*				130
135	63.6	401.0	17,000*	65.0	403.4	20,100*	67.0	406.4	20,400*				135
140	62.4	398.3	16,300*	63.8	400.9	19,400*	65.8	404.1	20,300*				140
145	61.1	395.5	15,600*	62.5	398.2	18,700*	64.6	401.6	20,300*	66.6	404.2	19,800*	145
150	59.9	392.5	15,000*	61.3	395.4	18,000*	63.3	399.1	20,200*	65.4	401.9	19,800*	150
155	58.6	389.4	14,300*	60.0	392.5	17,200*	62.1	396.4	20,100*	64.2	399.4	18,900	155
160	57.3	386.1	13,700*	58.7	389.4	16,600*	60.9	393.5	19,500*	62.9	396.8	17,800	160
165	56.0	382.7	13,100*	57.4	386.1	15,900*	59.6	390.5	18,800*	61.7	394.1	16,700	165
170	54.6	379.1	12,500*	56.1	382.7	15,200*	58.3	387.4	18,100*	60.4	391.2	15,600	170
175	53.2	375.3	11,900*	54.8	379.1	14,600*	57.0	384.1	17,100	59.1	388.1	14,700	175
180	51.8	371.3	11,400*	53.4	375.4	13,900*	55.7	380.6	16,100	57.8	384.9	13,800	180
185	50.4	367.1	10,900*	52.0	371.4	13,300*	54.3	377.0	15,200	56.5	381.6	12,900	185
190	49.0	362.7	10,400*	50.6	367.2	12,700*	52.9	373.1	14,300	55.2	378.0	12,100	190
195	47.5	358.0	9,900*	49.1	362.8	12,200*	51.5	369.1	13,500	53.8	374.3	11,300	195
200	45.9	353.2	9,400*	47.6	358.2	11,600*	50.1	364.9	12,700	52.5	370.4	10,600	200
205	44.4	348.0	9,000*	46.1	353.4	11,100*	48.6	360.4	12,000	51.0	366.3	9,900	205
210	42.8	342.5	8,600*	44.6	348.2	10,600*	47.1	355.7	11,300	49.6	362.0	9,200	210
215	41.1	336.7	8,200*	43.0	342.8	10,100*	45.6	350.7	10,600	48.1	357.4	8,600	215
220	39.4	330.6	7,800*	41.3	337.0	9,700*	44.0	345.5	9,900	46.6	352.7	8,000	220
225	37.6	324.0	7,500*	39.6	330.9	9,200*	42.4	340.0	9,300	45.1	347.6	7,400	225
230	35.7	317.0	7,200*	37.8	324.4	8,800*	40.7	334.1	8,700	43.5	342.3	6,900	230
235	33.7	309.5	6,900*	35.9	317.5	8,400*	39.0	327.9	8,200	41.8	336.6	6,400	235
240	31.6	301.4	6,600*	33.9	310.0	8,100*	37.2	321.2	7,600	40.1	330.6	5,900	240
245	29.4	292.5	6,300*	31.9	302.0	7,700*	35.3	314.1	7,100	38.4	324.3	5,400	245
250	27.0	282.7	6,100*	29.7	293.2	7,400*	33.3	306.5	6,600	36.5	317.5	4,900	250
255	24.4	271.8	5,900*	27.3	283.5	7,100*	31.2	298.2	6,100	34.6	310.2	4,500	255
260	21.5	259.3	5,700*	24.7	272.7	6,900*	28.9	289.1	5,600	32.6	302.3	4,000	260
265	18.0	244.5	5,600*	21.8	260.5	6,600*	26.5	279.1	5,200				265
270	13.8	225.6	5,500*	18.5	246.0	6,300	23.8	267.9	4,700				270
275	7.0	194.9	4,600*	14.3	227.7	5,800	20.8	255.0	4,300				275
280				8.1	199.6	5,200*							280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

160 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.8	429.7	17,200*										90
95	73.7	428.2	17,100*										95
100	72.6	426.6	17,000*										100
105	71.5	424.9	16,900*	72.8	426.4	19,700*							105
110	70.4	423.1	16,800*	71.6	424.7	19,600*							110
115	69.3	421.1	16,600*	70.5	422.9	19,500*							115
120	68.1	419.1	16,500*	69.4	421.0	19,400*							120
125	67.0	416.9	16,400*	68.3	418.9	19,300*							125
130	65.8	414.6	16,200*	67.1	416.8	19,200*	69.0	419.4	19,300*				130
135	64.7	412.2	16,100*	66.0	414.5	19,100*	67.9	417.3	19,200*				135
140	63.5	409.6	15,800*	64.8	412.1	18,600*	66.7	415.1	19,200*				140
145	62.3	406.9	15,100*	63.6	409.5	18,000*	65.6	412.8	19,100*				145
150	61.1	404.1	14,500*	62.4	406.9	17,300*	64.4	410.3	19,100*	66.3	413.0	18,600*	150
155	59.9	401.2	13,900*	61.2	404.1	16,700*	63.2	407.8	19,000*	65.2	410.6	18,400	155
160	58.6	398.1	13,300*	60.0	401.1	16,100*	62.0	405.0	18,600*	64.0	408.1	17,200	160
165	57.4	394.8	12,800*	58.8	398.1	15,500*	60.8	402.2	17,900*	62.8	405.5	16,100	165
170	56.1	391.4	12,200*	57.5	394.8	14,900*	59.6	399.2	17,200*	61.6	402.7	15,100	170
175	54.8	387.8	11,700*	56.3	391.4	14,300*	58.4	396.1	16,600*	60.4	399.8	14,100	175
180	53.5	384.1	11,200*	55.0	387.9	13,700*	57.1	392.8	15,600	59.2	396.8	13,200	180
185	52.2	380.1	10,700*	53.7	384.1	13,100*	55.8	389.3	14,700	57.9	393.6	12,400	185
190	50.8	376.0	10,200*	52.3	380.2	12,600*	54.5	385.7	13,800	56.7	390.3	11,600	190
195	49.4	371.6	9,800*	51.0	376.1	12,000*	53.2	381.9	13,000	55.4	386.7	10,800	195
200	48.0	367.1	9,300*	49.6	371.8	11,500*	51.9	377.9	12,200	54.1	383.1	10,100	200
205	46.5	362.3	8,900*	48.1	367.2	11,000*	50.5	373.8	11,500	52.7	379.2	9,400	205
210	45.0	357.2	8,500*	46.7	362.5	10,500*	49.1	369.4	10,700	51.4	375.2	8,700	210
215	43.5	351.9	8,200*	45.2	357.5	10,100*	47.7	364.8	10,100	50.0	370.9	8,100	215
220	41.9	346.3	7,800*	43.7	352.2	9,600*	46.2	359.9	9,400	48.6	366.4	7,500	220
225	40.3	340.3	7,400*	42.1	346.6	9,200*	44.7	354.8	8,800	47.2	361.7	6,900	225
230	38.6	334.0	7,100*	40.5	340.7	8,800*	43.2	349.4	8,200	45.7	356.8	6,400	230
235	36.8	327.3	6,800*	38.8	334.4	8,500*	41.6	343.7	7,700	44.2	351.6	5,800	235
240	35.0	320.1	6,500*	37.0	327.7	8,100*	39.9	337.7	7,100	42.6	346.1	5,300	240
245	33.1	312.4	6,300*	35.2	320.6	7,700*	38.2	331.3	6,600	41.0	340.3	4,900	245
250	31.0	304.1	6,000*	33.3	312.9	7,400*	36.4	324.5	6,100	39.3	334.1	4,400	250
255	28.8	295.0	5,800*	31.3	304.7	7,100*	34.6	317.2	5,600	37.6	327.6	4,000	255
260	26.5	285.0	5,600*	29.1	295.7	6,800	32.6	309.3	5,100				260
265	23.9	273.8	5,500*	26.8	285.8	6,300	30.5	300.8	4,700				265
270	21.0	261.1	5,300*	24.2	274.8	5,800	28.3	291.6	4,300				270
275	17.7	245.9	5,200*	21.4	262.3	5,400							275
280	13.5	226.6	4,900*	18.1	247.5	4,900							280
285				14.0	228.8	4,500							285

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

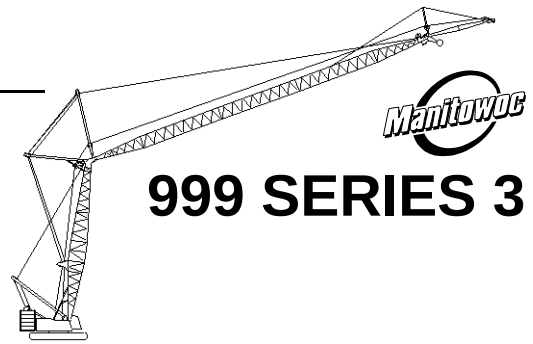
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

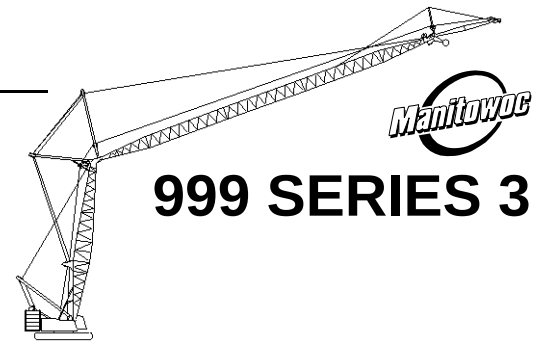
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

160 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.0	400.0	17,100*										85
90	72.8	398.4	17,000*										90
95	71.5	396.7	16,800*	72.9	398.2	19,500*							95
100	70.3	394.8	16,600*	71.7	396.5	19,300*							100
105	69.0	392.9	16,400*	70.4	394.7	19,100*							105
110	67.7	390.8	16,200*	69.2	392.7	18,900*							110
115	66.4	388.6	16,000*	67.9	390.7	18,700*							115
120	65.1	386.2	16,000*	66.6	388.5	18,400*	68.7	391.1	18,500*				120
125	63.8	383.7	15,600*	65.3	386.1	18,200*	67.4	389.0	18,400*				125
130	62.5	381.0	15,500*	64.0	383.6	18,000*	66.1	386.8	18,200*				130
135	61.1	378.2	15,300*	62.6	381.0	17,800*	64.8	384.4	18,000*				135
140	59.7	375.3	15,100*	61.3	378.2	17,600*	63.5	381.8	17,800*	65.7	384.6	17,800*	140
145	58.4	372.1	14,900*	59.9	375.2	17,400*	62.2	379.1	17,500*	64.4	382.1	17,600*	145
150	56.9	368.8	14,700*	58.5	372.1	17,200*	60.8	376.3	17,300*	63.1	379.6	17,400*	150
155	55.5	365.4	14,600*	57.1	368.9	17,000*	59.4	373.3	17,100*	61.7	376.8	17,200*	155
160	54.0	361.7	14,000*	55.7	365.4	16,800*	58.0	370.1	16,900*	60.3	373.9	17,100*	160
165	52.5	357.8	13,300*	54.2	361.7	16,200*	56.6	366.8	16,700*	59.0	370.9	16,900*	165
170	51.0	353.7	12,600*	52.7	357.9	15,400*	55.2	363.3	16,500*	57.6	367.6	16,700*	170
175	49.5	349.4	12,000*	51.2	353.8	14,700*	53.7	359.6	16,300*	56.1	364.2	16,500*	175
180	47.9	344.8	11,400*	49.6	349.5	14,000*	52.2	355.6	16,100*	54.7	360.7	15,600	180
185	46.2	340.0	10,800*	48.0	345.0	13,300*	50.7	351.5	15,500*	53.2	356.9	14,700	185
190	44.5	334.8	10,300*	46.4	340.2	12,600*	49.1	347.1	14,900*	51.7	352.9	13,900	190
195	42.8	329.4	9,800*	44.7	335.1	12,000*	47.5	342.5	14,400*	50.1	348.6	13,200	195
200	41.0	323.6	9,300*	43.0	329.7	11,400*	45.8	337.6	13,900*	48.6	344.2	12,400	200
205	39.1	317.4	8,800*	41.2	323.9	10,800*	44.1	332.4	13,400*	46.9	339.5	11,700	205
210	37.1	310.8	8,400*	39.3	317.8	10,200*	42.4	326.9	12,900*	45.3	334.5	11,100	210
215	35.1	303.7	8,000*	37.4	311.2	9,700*	40.6	321.0	12,400*	43.5	329.2	10,400	215
220	32.9	295.9	7,600*	35.3	304.1	9,200*	38.7	314.7	11,700	41.8	323.5	9,800	220
225	30.6	287.5	7,200*	33.2	296.5	8,800*	36.7	308.0	11,100	39.9	317.5	9,300	225
230	28.1	278.2	6,900*	30.9	288.1	8,400*	34.6	300.7	10,500	38.0	311.1	8,700	230
235	25.4	267.8	6,600*	28.4	278.9	8,000*	32.4	292.8	9,900	36.0	304.2	8,200	235
240	22.3	255.8	6,400*	25.7	268.7	7,600*	30.1	284.2	9,400	33.9	296.7	7,700	240
245	18.8	241.7	6,200*	22.7	256.9	7,300*	27.5	274.7	8,900	31.6	288.6	7,200	245
250	14.3	223.6	6,000*	19.2	243.1	7,000*	24.7	264.0	8,300	29.2	279.7	6,700	250
255	7.4	194.6	6,000*	14.9	225.6	6,800*	21.6	251.7	7,800	26.6	269.8	6,300	255
260				8.5	199.0	6,600*	17.9	236.8	7,400	23.7	258.6	5,800	260
265							13.2	217.4	6,900	20.4	245.5	5,400	265
270							4.2	179.9	6,300	16.4	229.5	5,000	270
275										11.0	207.2	4,500	275



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

160 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	410.4	16,600*										85
90	73.5	408.9	16,500*										90
95	72.3	407.3	16,400*										95
100	71.1	405.5	16,200*	72.4	407.1	18,800*							100
105	69.9	403.6	16,000*	71.2	405.4	18,700*							105
110	68.7	401.6	15,800*	70.0	403.5	18,500*							110
115	67.4	399.5	15,700*	68.8	401.5	18,300*							115
120	66.2	397.3	15,500*	67.6	399.4	18,100*	69.6	401.9	18,200*				120
125	64.9	394.9	15,300*	66.3	397.2	17,900*	68.4	399.9	18,000*				125
130	63.7	392.4	15,200*	65.1	394.8	17,700*	67.2	397.7	17,800*				130
135	62.4	389.7	15,000*	63.8	392.3	17,500*	65.9	395.5	17,700*				135
140	61.1	386.9	14,900*	62.5	389.6	17,300*	64.7	393.0	17,500*	66.7	395.6	17,500*	140
145	59.8	383.9	14,700*	61.2	386.9	17,100*	63.4	390.5	17,300*	65.5	393.3	17,200*	145
150	58.4	380.8	14,600*	59.9	383.9	16,900*	62.1	387.8	17,100*	64.2	390.8	17,100*	150
155	57.1	377.5	14,400*	58.6	380.8	16,800*	60.8	385.0	16,900*	62.9	388.2	17,000*	155
160	55.7	374.1	13,800*	57.2	377.5	16,600*	59.5	382.0	16,700*	61.6	385.5	16,800*	160
165	54.3	370.4	13,100*	55.8	374.1	16,000*	58.1	378.8	16,600*	60.3	382.6	16,700*	165
170	52.9	366.6	12,500*	54.4	370.5	15,300*	56.8	375.5	16,400*	59.0	379.5	16,500*	170
175	51.4	362.6	11,900*	53.0	366.7	14,600*	55.4	372.0	16,200*	57.7	376.3	15,800	175
180	49.9	358.3	11,300*	51.6	362.7	13,900*	54.0	368.3	15,600*	56.3	372.9	14,900	180
185	48.4	353.8	10,800*	50.1	358.4	13,200*	52.5	364.4	15,000*	54.9	369.4	14,100	185
190	46.8	349.1	10,300*	48.6	354.0	12,600*	51.1	360.3	14,400*	53.5	365.6	13,300	190
195	45.2	344.1	9,800*	47.0	349.3	12,000*	49.6	356.0	13,900*	52.0	361.7	12,500	195
200	43.6	338.8	9,300*	45.4	344.3	11,400*	48.0	351.5	13,400*	50.6	357.5	11,800	200
205	41.9	333.2	8,800*	43.8	339.0	10,900*	46.5	346.7	12,900*	49.1	353.1	11,100	205
210	40.1	327.2	8,400*	42.1	333.5	10,300*	44.9	341.6	12,400*	47.5	348.5	10,400	210
215	38.3	320.8	8,000*	40.3	327.5	9,800*	43.2	336.3	11,800	45.9	343.6	9,800	215
220	36.3	314.0	7,600*	38.5	321.2	9,400*	41.5	330.6	11,100	44.3	338.5	9,200	220
225	34.3	306.7	7,300*	36.6	314.4	8,900*	39.7	324.5	10,500	42.6	333.0	8,600	225
230	32.2	298.7	7,000*	34.6	307.2	8,500*	37.8	318.1	9,900	40.9	327.2	8,100	230
235	29.9	290.1	6,700*	32.5	299.3	8,100*	35.9	311.1	9,300	39.1	321.0	7,600	235
240	27.5	280.6	6,400*	30.2	290.8	7,700*	33.9	303.7	8,800	37.2	314.4	7,000	240
245	24.8	269.9	6,100*	27.8	281.3	7,400*	31.7	295.6	8,300	35.2	307.3	6,600	245
250	21.8	257.7	5,900*	25.2	270.8	7,100*	29.4	286.8	7,800	33.1	299.6	6,100	250
255	18.4	243.2	5,700*	22.2	258.8	6,800*	26.9	277.0	7,300	30.9	291.3	5,600	255
260	14.0	224.8	5,600*	18.8	244.7	6,600*	24.2	266.1	6,800	28.6	282.2	5,200	260
265	7.2	195.1	5,600*	14.6	226.8	6,400*	21.1	253.4	6,300	26.0	272.0	4,800	265
270				8.3	199.6	6,300*	17.5	238.3	5,900	23.2	260.6	4,400	270
275							12.9	218.5	5,400	19.9	247.2	4,000	275
280							4.1	180.2	4,900				280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

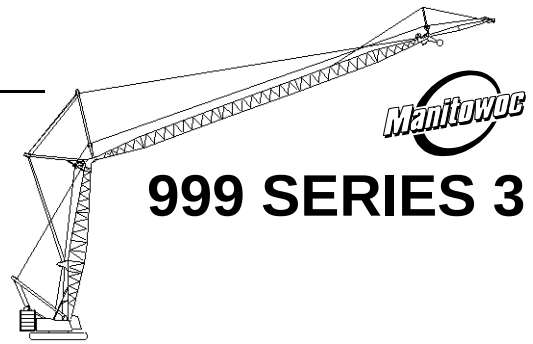
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

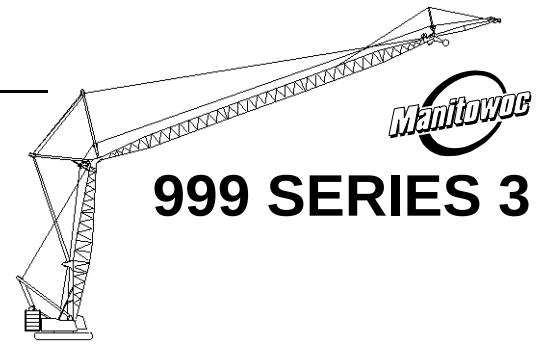
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

160 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.1	419.4	16,000*										90
95	73.0	417.8	15,900*										95
100	71.8	416.1	15,700*										100
105	70.7	414.3	15,600*	72.0	416.0	18,100*							105
110	69.5	412.4	15,400*	70.8	414.2	18,000*							110
115	68.3	410.4	15,300*	69.6	412.3	17,800*							115
120	67.2	408.2	15,200*	68.5	410.3	17,700*							120
125	66.0	406.0	15,000*	67.3	408.1	17,500*	69.3	410.7	17,600*				125
130	64.7	403.6	14,800*	66.1	405.9	17,300*	68.1	408.6	17,400*				130
135	63.5	401.0	14,700*	64.9	403.5	17,200*	66.9	406.5	17,300*				135
140	62.3	398.4	14,500*	63.7	401.0	17,000*	65.7	404.2	17,100*				140
145	61.0	395.5	14,400*	62.4	398.3	16,800*	64.5	401.7	16,900*	66.5	404.3	16,800*	145
150	59.8	392.6	14,300*	61.2	395.5	16,600*	63.3	399.2	16,800*	65.3	402.0	16,800*	150
155	58.5	389.5	14,200*	59.9	392.6	16,500*	62.0	396.5	16,600*	64.1	399.5	16,600*	155
160	57.2	386.2	13,500*	58.6	389.5	16,300*	60.8	393.6	16,500*	62.8	396.9	16,500*	160
165	55.9	382.8	12,900*	57.3	386.2	15,700*	59.5	390.6	16,300*	61.6	394.1	16,300*	165
170	54.5	379.2	12,300*	56.0	382.8	15,000*	58.2	387.5	16,100*	60.3	391.2	16,200*	170
175	53.1	375.4	11,800*	54.7	379.2	14,400*	56.9	384.2	16,000*	59.0	388.2	15,500	175
180	51.7	371.4	11,200*	53.3	375.4	13,700*	55.6	380.7	15,800*	57.7	385.0	14,600	180
185	50.3	367.2	10,700*	51.9	371.5	13,100*	54.2	377.1	15,600*	56.4	381.6	13,700	185
190	48.9	362.8	10,200*	50.5	367.3	12,600*	52.8	373.2	15,000*	55.1	378.1	12,900	190
195	47.4	358.1	9,700*	49.0	362.9	12,000*	51.4	369.2	14,300	53.7	374.4	12,100	195
200	45.9	353.3	9,300*	47.6	358.3	11,400*	50.0	365.0	13,500	52.4	370.5	11,400	200
205	44.3	348.1	8,800*	46.0	353.5	10,900*	48.5	360.5	12,800	50.9	366.4	10,700	205
210	42.7	342.6	8,400*	44.5	348.3	10,400*	47.1	355.8	12,100	49.5	362.1	10,000	210
215	41.0	336.8	8,000*	42.9	342.9	9,900*	45.5	350.8	11,400	48.0	357.5	9,400	215
220	39.3	330.7	7,700*	41.2	337.1	9,500*	43.9	345.6	10,700	46.5	352.8	8,800	220
225	37.5	324.1	7,300*	39.5	331.0	9,000*	42.3	340.1	10,100	45.0	347.7	8,300	225
230	35.6	317.1	7,000*	37.7	324.6	8,600*	40.6	334.2	9,500	43.4	342.4	7,700	230
235	33.6	309.6	6,700*	35.8	317.6	8,200*	38.9	328.0	9,000	41.7	336.7	7,200	235
240	31.6	301.5	6,400*	33.9	310.1	7,800*	37.1	321.4	8,400	40.0	330.8	6,700	240
245	29.3	292.6	6,100*	31.8	302.1	7,500*	35.2	314.2	7,900	38.3	324.4	6,200	245
250	26.9	282.9	5,900*	29.6	293.3	7,200*	33.2	306.6	7,400	36.4	317.6	5,700	250
255	24.3	272.0	5,700*	27.2	283.7	6,900*	31.1	298.3	6,900	34.5	310.3	5,300	255
260	21.4	259.5	5,500*	24.6	272.9	6,600*	28.8	289.3	6,500	32.5	302.5	4,900	260
265	18.0	244.7	5,400*	21.8	260.7	6,400*	26.4	279.3	6,000	30.3	293.9	4,400	265
270	13.7	225.9	5,300*	18.4	246.2	6,200*	23.7	268.1	5,600	28.0	284.6	4,000	270
275	7.1	195.6	5,300*	14.3	228.0	6,000*	20.7	255.2	5,100				275
280				8.1	200.2	5,900*	17.2	239.7	4,700				280
285							12.6	219.5	4,300				285



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

160 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.7	429.8	15,400*										90
95	73.6	428.3	15,300*										95
100	72.5	426.7	15,200*										100
105	71.4	425.0	15,000*	72.7	426.5	17,500*							105
110	70.3	423.1	14,900*	71.5	424.8	17,300*							110
115	69.2	421.2	14,800*	70.4	423.0	17,200*							115
120	68.0	419.1	14,700*	69.3	421.0	17,100*							120
125	66.9	417.0	14,500*	68.2	419.0	17,000*							125
130	65.7	414.7	14,400*	67.0	416.8	16,800*	68.9	419.5	16,900*				130
135	64.6	412.2	14,300*	65.9	414.6	16,700*	67.8	417.4	16,700*				135
140	63.4	409.7	14,100*	64.7	412.2	16,500*	66.6	415.2	16,600*				140
145	62.2	407.0	14,000*	63.5	409.6	16,400*	65.5	412.9	16,500*				145
150	61.0	404.2	13,900*	62.3	407.0	16,200*	64.3	410.4	16,300*	66.2	413.0	16,300*	150
155	59.8	401.3	13,800*	61.1	404.2	16,100*	63.1	407.8	16,200*	65.1	410.7	16,200*	155
160	58.5	398.2	13,200*	59.9	401.2	15,900*	61.9	405.1	16,100*	63.9	408.2	16,100*	160
165	57.3	394.9	12,600*	58.7	398.1	15,200*	60.7	402.3	15,900*	62.7	405.6	16,000*	165
170	56.0	391.5	12,100*	57.4	394.9	14,700*	59.5	399.3	15,800*	61.5	402.8	15,800*	170
175	54.7	387.9	11,600*	56.2	391.5	14,100*	58.3	396.2	15,700*	60.3	399.9	14,800	175
180	53.4	384.1	11,100*	54.9	388.0	13,500*	57.0	392.9	15,600*	59.1	396.9	13,900	180
185	52.1	380.2	10,600*	53.6	384.2	12,900*	55.7	389.4	15,200*	57.8	393.7	13,000	185
190	50.7	376.1	10,100*	52.2	380.3	12,400*	54.4	385.8	14,500	56.6	390.3	12,200	190
195	49.3	371.7	9,600*	50.9	376.2	11,800*	53.1	382.0	13,700	55.3	386.8	11,500	195
200	47.9	367.2	9,200*	49.5	371.9	11,300*	51.8	378.0	12,900	54.0	383.2	10,700	200
205	46.4	362.4	8,800*	48.1	367.3	10,800*	50.4	373.8	12,200	52.7	379.3	10,100	205
210	44.9	357.3	8,400*	46.6	362.6	10,400*	49.0	369.5	11,400	51.3	375.2	9,400	210
215	43.4	352.0	8,000*	45.1	357.6	9,900*	47.6	364.9	10,800	49.9	371.0	8,800	215
220	41.8	346.4	7,600*	43.6	352.3	9,500*	46.1	360.0	10,100	48.5	366.5	8,200	220
225	40.2	340.4	7,300*	42.0	346.7	9,000*	44.6	354.9	9,500	47.1	361.8	7,600	225
230	38.5	334.1	7,000*	40.4	340.8	8,600*	43.1	349.5	8,900	45.6	356.9	7,100	230
235	36.7	327.4	6,700*	38.7	334.5	8,200*	41.5	343.8	8,400	44.1	351.7	6,600	235
240	34.9	320.2	6,400*	37.0	327.8	7,900*	39.8	337.8	7,800	42.5	346.2	6,100	240
245	33.0	312.5	6,100*	35.1	320.7	7,500*	38.1	331.4	7,300	40.9	340.4	5,600	245
250	30.9	304.2	5,900*	33.2	313.1	7,200*	36.3	324.6	6,800	39.2	334.3	5,100	250
255	28.8	295.1	5,600*	31.2	304.8	6,900*	34.5	317.3	6,300	37.5	327.7	4,700	255
260	26.4	285.2	5,400*	29.0	295.8	6,600*	32.5	309.5	5,900	35.7	320.8	4,300	260
265	23.9	274.0	5,300*	26.7	286.0	6,400*	30.5	301.0	5,400				265
270	21.0	261.3	5,100*	24.2	275.0	6,100*	28.3	291.7	5,000				270
275	17.6	246.2	5,000*	21.3	262.5	5,900*	25.9	281.5	4,600				275
280	13.5	227.0	4,900*	18.1	247.7	5,700	23.2	270.1	4,200				280
285	6.9	196.1	4,100*	14.0	229.1	5,200							285
290				8.0	200.8	4,600*							290

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

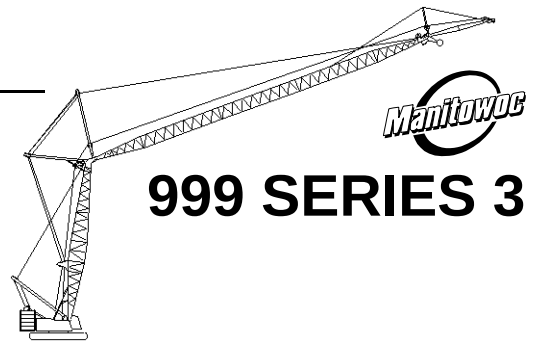
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

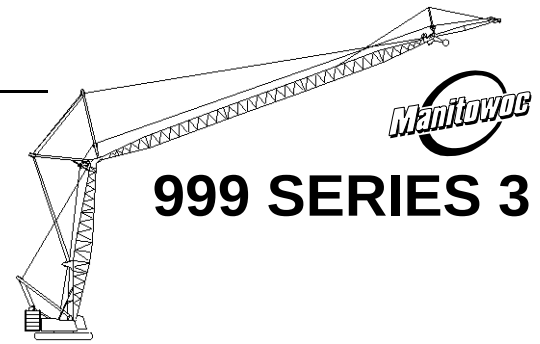
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

160 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.2	438.8	14,600*										95
100	73.2	437.2	14,500*										100
105	72.1	435.6	14,400*										105
110	71.0	433.8	14,300*	72.2	435.4	16,600*							110
115	70.0	431.9	14,200*	71.2	433.6	16,600*							115
120	68.9	430.0	14,100*	70.1	431.8	16,400*							120
125	67.8	427.9	14,000*	69.0	429.8	16,300*							125
130	66.7	425.7	13,900*	67.9	427.7	16,200*	69.7	430.2	16,200*				130
135	65.5	423.4	13,800*	66.8	425.6	16,100*	68.6	428.2	16,100*				135
140	64.4	420.9	13,600*	65.7	423.3	16,000*	67.5	426.1	16,100*				140
145	63.3	418.4	13,500*	64.5	420.8	15,900*	66.4	423.9	16,000*				145
150	62.1	415.7	13,400*	63.4	418.3	15,800*	65.3	421.5	15,900*				150
155	61.0	412.9	13,300*	62.3	415.6	15,600*	64.2	419.1	15,800*	66.0	421.7	15,600*	155
160	59.8	409.9	12,800*	61.1	412.8	15,300*	63.0	416.5	15,700*	64.9	419.4	15,500*	160
165	58.6	406.8	12,300*	59.9	409.9	14,800*	61.9	413.8	15,600*	63.8	416.8	15,500*	165
170	57.4	403.6	11,800*	58.7	406.8	14,300*	60.7	410.9	15,400*	62.6	414.2	15,200	170
175	56.2	400.2	11,300*	57.5	403.6	13,700*	59.5	408.0	15,300*	61.5	411.5	14,300	175
180	54.9	396.6	10,900*	56.3	400.2	13,200*	58.3	404.8	15,000*	60.3	408.6	13,400	180
185	53.7	392.9	10,400*	55.1	396.7	12,700*	57.1	401.6	14,400*	59.1	405.5	12,500	185
190	52.4	389.0	9,900*	53.8	393.0	12,200*	55.9	398.1	13,900*	57.9	402.4	11,700	190
195	51.1	384.9	9,500*	52.5	389.1	11,700*	54.6	394.5	13,200	56.7	399.0	10,900	195
200	49.7	380.7	9,100*	51.2	385.0	11,200*	53.4	390.8	12,400	55.5	395.5	10,200	200
205	48.4	376.2	8,700*	49.9	380.8	10,700*	52.1	386.8	11,600	54.2	391.9	9,500	205
210	47.0	371.5	8,300*	48.5	376.3	10,300*	50.8	382.7	10,900	52.9	388.1	8,900	210
215	45.5	366.5	8,000*	47.1	371.6	9,800*	49.4	378.4	10,300	51.6	384.1	8,200	215
220	44.1	361.3	7,600*	45.7	366.7	9,400*	48.1	373.9	9,600	50.3	379.9	7,700	220
225	42.6	355.9	7,300*	44.3	361.6	9,000*	46.7	369.1	9,000	49.0	375.5	7,100	225
230	41.0	350.1	6,900*	42.8	356.1	8,600*	45.2	364.1	8,400	47.6	370.9	6,500	230
235	39.4	344.0	6,600*	41.2	350.4	8,300*	43.8	358.9	7,900	46.2	366.1	6,000	235
240	37.8	337.5	6,400*	39.6	344.3	7,900*	42.2	353.3	7,300	44.7	361.0	5,500	240
245	36.1	330.6	6,100*	38.0	337.9	7,600*	40.7	347.5	6,800	43.2	355.6	5,100	245
250	34.3	323.2	5,800*	36.3	331.0	7,200*	39.1	341.3	6,300	41.7	350.0	4,600	250
255	32.4	315.4	5,600*	34.5	323.7	6,900*	37.4	334.7	5,800	40.1	344.0	4,200	255
260	30.4	306.8	5,400*	32.6	315.9	6,700*	35.7	327.7	5,400				260
265	28.2	297.6	5,200*	30.6	307.5	6,400*	33.8	320.3	4,900				265
270	25.9	287.4	5,000*	28.5	298.3	6,100*	31.9	312.3	4,500				270
275	23.4	276.0	4,900*	26.2	288.2	5,600	29.9	303.6	4,100				275
280	20.6	263.0	4,700*	23.7	277.0	5,200							280
285	17.3	247.6	4,600*	20.9	264.2	4,800							285
290	13.2	228.1	4,300*	17.7	249.2	4,400							290



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

160 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	410.5	13,600*										85
90	73.2	409.0	13,500*										90
95	72.0	407.4	13,300*										95
100	70.8	405.6	13,100*	72.2	407.2	15,300*							100
105	69.6	403.7	12,900*	71.0	405.4	15,100*							105
110	68.4	401.7	12,800*	69.8	403.6	14,900*							110
115	67.2	399.6	12,600*	68.5	401.6	14,700*							115
120	65.9	397.4	12,400*	67.3	399.5	14,500*	69.4	402.0	14,600*				120
125	64.7	395.0	12,200*	66.1	397.2	14,300*	68.1	400.0	14,400*				125
130	63.4	392.4	12,000*	64.8	394.9	14,300*	66.9	397.8	14,200*				130
135	62.1	389.8	11,900*	63.5	392.4	13,900*	65.6	395.5	14,000*				135
140	60.8	387.0	11,700*	62.3	389.7	13,700*	64.4	393.1	13,800*	66.5	395.7	13,900*	140
145	59.5	384.0	11,600*	61.0	386.9	13,500*	63.1	390.6	13,600*	65.2	393.4	13,800*	145
150	58.2	380.9	11,400*	59.7	384.0	13,300*	61.8	387.9	13,500*	64.0	390.9	13,600*	150
155	56.8	377.6	11,200*	58.3	380.9	13,100*	60.5	385.1	13,300*	62.7	388.3	13,400*	155
160	55.4	374.2	11,100*	57.0	377.6	12,900*	59.2	382.1	13,100*	61.4	385.6	13,200*	160
165	54.0	370.5	10,900*	55.6	374.2	12,700*	57.9	378.9	12,900*	60.1	382.7	13,100*	165
170	52.6	366.7	10,800*	54.2	370.6	12,600*	56.5	375.6	12,900*	58.7	379.6	12,900*	170
175	51.1	362.7	10,700*	52.8	366.8	12,400*	55.1	372.1	12,600*	57.4	376.4	12,700*	175
180	49.7	358.4	10,500*	51.3	362.8	12,200*	53.7	368.4	12,400*	56.0	373.0	12,700*	180
185	48.1	353.9	10,400*	49.8	358.5	12,100*	52.3	364.5	12,200*	54.6	369.5	12,400*	185
190	46.6	349.2	10,000*	48.3	354.1	11,900*	50.8	360.5	12,200*	53.2	365.7	12,300*	190
195	45.0	344.2	9,500*	46.8	349.4	11,700*	49.3	356.1	11,900*	51.8	361.8	12,100*	195
200	43.3	338.9	9,000*	45.2	344.4	11,100*	47.8	351.6	11,700*	50.3	357.6	12,000*	200
205	41.6	333.3	8,600*	43.5	339.1	10,600*	46.2	346.8	11,600*	48.8	353.2	11,700	205
210	39.9	327.3	8,200*	41.8	333.6	10,000*	44.6	341.8	11,500*	47.3	348.6	11,000	210
215	38.0	320.9	7,800*	40.1	327.6	9,500*	43.0	336.4	11,300*	45.7	343.7	10,400	215
220	36.1	314.1	7,400*	38.2	321.3	9,100*	41.2	330.7	11,200*	44.0	338.6	9,800	220
225	34.1	306.8	7,000*	36.3	314.6	8,600*	39.5	324.7	10,800*	42.4	333.1	9,200	225
230	32.0	298.9	6,700*	34.3	307.3	8,200*	37.6	318.2	10,400*	40.6	327.3	8,700	230
235	29.7	290.2	6,400*	32.2	299.5	7,800*	35.7	311.3	9,900	38.8	321.1	8,100	235
240	27.3	280.7	6,100*	30.0	290.9	7,400*	33.6	303.8	9,400	36.9	314.5	7,600	240
245	24.6	270.1	5,900*	27.6	281.5	7,100*	31.5	295.8	8,900	35.0	307.4	7,200	245
250	21.6	257.9	5,600*	24.9	271.0	6,800*	29.2	286.9	8,400	32.9	299.8	6,700	250
255	18.2	243.5	5,400*	22.0	259.0	6,500*	26.7	277.2	7,900	30.7	291.4	6,300	255
260	13.8	225.1	5,300*	18.6	244.9	6,200*	24.0	266.3	7,400	28.3	282.3	5,800	260
265	7.1	195.8	5,300*	14.4	227.1	6,000*	20.9	253.7	6,900	25.8	272.2	5,400	265
270				8.2	200.2	5,900*	17.3	238.6	6,500	23.0	260.8	5,000	270
275							12.7	218.8	6,100	19.7	247.4	4,600	275
280							4.2	181.6	5,600	15.9	231.1	4,200	280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

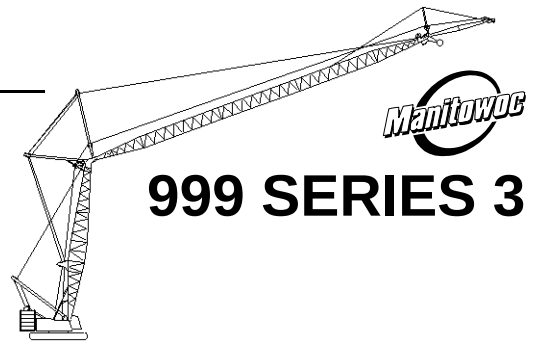
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

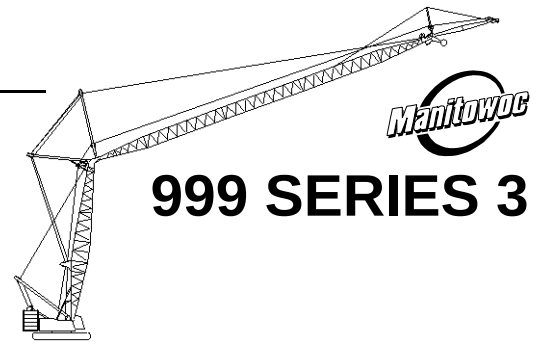
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

160 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	73.9	419.5	13,200*										90
95	72.7	417.9	13,100*										95
100	71.6	416.2	12,900*	72.9	417.7	15,000*							100
105	70.4	414.4	12,700*	71.7	416.0	14,800*							105
110	69.3	412.5	12,600*	70.6	414.3	14,700*							110
115	68.1	410.5	12,400*	69.4	412.4	14,400*							115
120	66.9	408.3	12,200*	68.2	410.3	14,300*							120
125	65.7	406.1	12,100*	67.0	408.2	14,100*	69.0	410.8	14,200*				125
130	64.5	403.7	11,900*	65.8	406.0	13,900*	67.8	408.7	14,000*				130
135	63.3	401.1	11,800*	64.6	403.6	13,700*	66.6	406.5	13,900*				135
140	62.0	398.5	11,600*	63.4	401.0	13,600*	65.4	404.2	13,700*				140
145	60.8	395.6	11,500*	62.2	398.4	13,400*	64.2	401.8	13,500*	66.2	404.4	13,700*	145
150	59.5	392.7	11,300*	60.9	395.6	13,200*	63.0	399.3	13,300*	65.0	402.1	13,400*	150
155	58.2	389.6	11,200*	59.7	392.7	13,000*	61.8	396.6	13,200*	63.8	399.6	13,300*	155
160	56.9	386.3	11,000*	58.4	389.6	12,900*	60.5	393.7	13,000*	62.6	397.0	13,100*	160
165	55.6	382.9	10,900*	57.1	386.3	12,700*	59.2	390.7	12,800*	61.3	394.2	13,000*	165
170	54.3	379.3	10,800*	55.8	382.9	12,500*	58.0	387.6	12,700*	60.1	391.3	12,900*	170
175	52.9	375.5	10,600*	54.4	379.3	12,300*	56.6	384.3	12,500*	58.8	388.3	12,700*	175
180	51.5	371.5	10,500*	53.1	375.5	12,200*	55.3	380.8	12,300*	57.5	385.1	12,500*	180
185	50.1	367.3	10,400*	51.7	371.6	12,000*	54.0	377.2	12,200*	56.2	381.7	12,300*	185
190	48.6	362.9	10,000*	50.2	367.4	12,000*	52.6	373.3	12,000*	54.9	378.2	12,200*	190
195	47.1	358.3	9,500*	48.8	363.0	11,700*	51.2	369.3	11,900*	53.5	374.5	12,000*	195
200	45.6	353.4	9,000*	47.3	358.4	11,100*	49.8	365.1	11,800*	52.1	370.6	11,700	200
205	44.0	348.2	8,600*	45.8	353.6	10,600*	48.3	360.6	11,600*	50.7	366.5	11,000	205
210	42.4	342.7	8,200*	44.2	348.4	10,100*	46.8	355.9	11,400*	49.3	362.2	10,300	210
215	40.8	337.0	7,800*	42.6	343.0	9,600*	45.3	351.0	11,200*	47.8	357.7	9,700	215
220	39.0	330.8	7,400*	41.0	337.3	9,200*	43.7	345.7	10,800*	46.3	352.9	9,100	220
225	37.2	324.3	7,100*	39.2	331.2	8,700*	42.1	340.2	10,400*	44.7	347.8	8,600	225
230	35.4	317.3	6,800*	37.5	324.7	8,300*	40.4	334.4	9,900	43.1	342.5	8,000	230
235	33.4	309.8	6,400*	35.6	317.7	7,900*	38.7	328.1	9,300	41.5	336.9	7,500	235
240	31.3	301.6	6,200*	33.6	310.3	7,500*	36.8	321.5	8,800	39.8	330.9	7,000	240
245	29.1	292.8	5,900*	31.6	302.2	7,200*	34.9	314.4	8,300	38.0	324.5	6,500	245
250	26.7	283.1	5,600*	29.4	293.5	6,900*	33.0	306.7	7,800	36.2	317.7	6,100	250
255	24.1	272.2	5,400*	27.0	283.9	6,600*	30.8	298.5	7,300	34.3	310.5	5,600	255
260	21.2	259.7	5,200*	24.4	273.1	6,300*	28.6	289.4	6,800	32.2	302.6	5,200	260
265	17.8	245.0	5,100*	21.5	260.9	6,000*	26.2	279.5	6,400	30.1	294.1	4,800	265
270	13.6	226.2	5,000*	18.2	246.5	5,800*	23.5	268.3	5,900	27.8	284.8	4,400	270
275	7.0	196.4	5,000*	14.1	228.3	5,700*	20.5	255.4	5,500	25.3	274.4	4,000	275
280				8.0	200.8	5,600*	17.0	240.0	5,100				280
285							12.4	219.9	4,700				285
290							4.1	181.8	4,200				290



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

160 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.5	429.9	12,900*										90
95	73.4	428.4	12,800*										95
100	72.3	426.8	12,700*										100
105	71.2	425.0	12,500*	72.4	426.6	14,600*							105
110	70.1	423.2	12,400*	71.3	424.9	14,400*							110
115	68.9	421.3	12,200*	70.2	423.1	14,200*							115
120	67.8	419.2	12,000*	69.1	421.1	14,100*							120
125	66.7	417.0	12,000*	67.9	419.1	13,900*	69.8	421.5	14,000*				125
130	65.5	414.8	11,800*	66.8	416.9	13,700*	68.7	419.5	13,800*				130
135	64.3	412.3	11,600*	65.6	414.7	13,600*	67.5	417.5	13,700*				135
140	63.2	409.8	11,500*	64.5	412.2	13,400*	66.4	415.3	13,500*				140
145	62.0	407.1	11,400*	63.3	409.7	13,200*	65.2	412.9	13,300*				145
150	60.8	404.3	11,200*	62.1	407.1	13,100*	64.1	410.5	13,200*	66.0	413.1	13,300*	150
155	59.5	401.3	11,100*	60.9	404.3	12,900*	62.9	407.9	13,000*	64.8	410.8	13,100*	155
160	58.3	398.2	10,900*	59.7	401.3	12,800*	61.7	405.2	12,900*	63.7	408.3	12,900*	160
165	57.0	395.0	10,800*	58.4	398.2	12,600*	60.5	402.4	12,700*	62.5	405.6	12,800*	165
170	55.8	391.6	10,700*	57.2	395.0	12,400*	59.3	399.4	12,500*	61.3	402.9	12,800*	170
175	54.5	388.0	10,600*	55.9	391.6	12,300*	58.0	396.3	12,400*	60.1	400.0	12,500*	175
180	53.2	384.2	10,500*	54.6	388.1	12,100*	56.8	393.0	12,300*	58.8	397.0	12,500*	180
185	51.8	380.3	10,300*	53.3	384.3	12,000*	55.5	389.5	12,100*	57.6	393.8	12,200*	185
190	50.5	376.2	9,900*	52.0	380.4	11,800*	54.2	385.9	12,100*	56.3	390.4	12,200*	190
195	49.1	371.8	9,500*	50.6	376.3	11,600*	52.9	382.1	11,900*	55.0	386.9	11,900*	195
200	47.7	367.3	9,000*	49.2	372.0	11,100*	51.5	378.1	11,700*	53.7	383.3	11,300	200
205	46.2	362.5	8,600*	47.8	367.4	10,600*	50.2	374.0	11,700*	52.4	379.4	10,600	205
210	44.7	357.4	8,200*	46.4	362.7	10,100*	48.8	369.6	11,400*	51.1	375.3	10,000	210
215	43.2	352.1	7,800*	44.9	357.7	9,700*	47.3	365.0	11,300*	49.7	371.1	9,300	215
220	41.6	346.5	7,500*	43.4	352.4	9,200*	45.9	360.1	10,700	48.3	366.6	8,700	220
225	40.0	340.6	7,100*	41.8	346.8	8,800*	44.4	355.0	10,100	46.8	362.0	8,200	225
230	38.3	334.3	6,800*	40.2	340.9	8,400*	42.8	349.6	9,500	45.4	357.0	7,600	230
235	36.5	327.5	6,500*	38.5	334.6	8,000*	41.2	343.9	8,900	43.9	351.8	7,100	235
240	34.7	320.4	6,200*	36.7	328.0	7,600*	39.6	337.9	8,400	42.3	346.3	6,600	240
245	32.8	312.7	5,900*	34.9	320.8	7,300*	37.9	331.5	7,900	40.7	340.5	6,200	245
250	30.7	304.4	5,700*	33.0	313.2	7,000*	36.1	324.7	7,400	39.0	334.4	5,700	250
255	28.5	295.3	5,400*	31.0	305.0	6,700*	34.3	317.4	6,900	37.3	327.9	5,300	255
260	26.2	285.3	5,200*	28.8	296.0	6,400*	32.3	309.6	6,500	35.5	320.9	4,800	260
265	23.6	274.2	5,000*	26.5	286.2	6,100*	30.3	301.1	6,000	33.6	313.4	4,400	265
270	20.8	261.5	4,900*	23.9	275.2	5,900*	28.0	291.9	5,600	31.6	305.4	4,000	270
275	17.4	246.5	4,700*	21.1	262.7	5,700*	25.7	281.7	5,200				275
280	13.3	227.3	4,700*	17.9	248.0	5,500*	23.0	270.3	4,800				280
285	6.8	196.9	4,600*	13.8	229.5	5,300*	20.1	257.1	4,400				285
290				7.9	201.5	5,200*	16.6	241.4	4,000				290

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

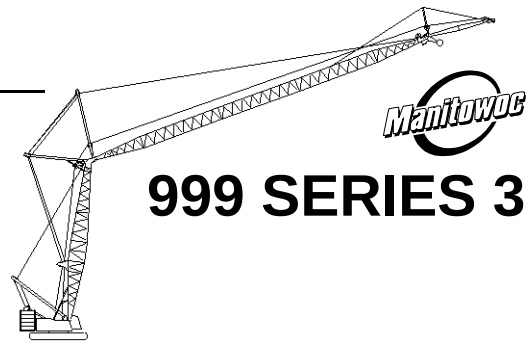
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

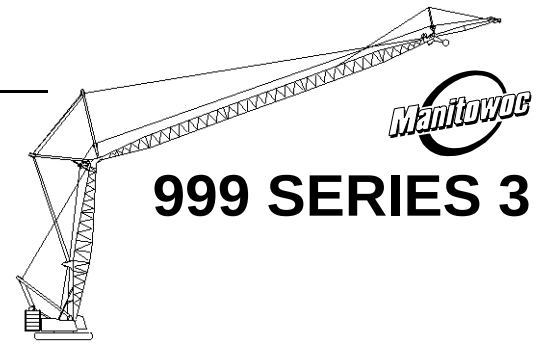
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

160 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.0	438.8	12,500*										95
100	72.9	437.3	12,400*										100
105	71.9	435.6	12,200*										105
110	70.8	433.9	12,100*	72.0	435.5	14,100*							110
115	69.7	432.0	12,000*	70.9	433.7	13,900*							115
120	68.6	430.0	11,800*	69.8	431.9	13,800*							120
125	67.5	428.0	11,700*	68.8	429.9	13,600*							125
130	66.4	425.8	11,600*	67.7	427.8	13,500*	69.5	430.3	13,600*				130
135	65.3	423.4	11,400*	66.6	425.7	13,300*	68.4	428.3	13,400*				135
140	64.2	421.0	11,300*	65.4	423.4	13,200*	67.3	426.2	13,200*				140
145	63.0	418.5	11,200*	64.3	420.9	13,000*	66.2	424.0	13,100*				145
150	61.9	415.8	11,100*	63.2	418.4	12,900*	65.1	421.6	13,000*	66.9	424.1	13,000*	150
155	60.7	413.0	10,900*	62.0	415.7	12,700*	63.9	419.2	12,800*	65.8	421.8	12,900*	155
160	59.6	410.0	10,800*	60.9	412.9	12,600*	62.8	416.6	12,700*	64.7	419.4	12,700*	160
165	58.4	406.9	10,700*	59.7	410.0	12,400*	61.6	413.9	12,600*	63.5	416.9	12,600*	165
170	57.2	403.7	10,600*	58.5	406.9	12,300*	60.5	411.0	12,400*	62.4	414.3	12,500*	170
175	55.9	400.3	10,500*	57.3	403.7	12,200*	59.3	408.0	12,300*	61.2	411.6	12,300*	175
180	54.7	396.7	10,300*	56.1	400.3	12,000*	58.1	404.9	12,100*	60.1	408.7	12,200*	180
185	53.4	393.0	10,200*	54.8	396.8	11,900*	56.9	401.7	12,000*	58.9	405.6	12,200*	185
190	52.1	389.1	9,700*	53.6	393.1	11,800*	55.7	398.2	11,900*	57.7	402.5	11,900*	190
195	50.8	385.0	9,300*	52.3	389.2	11,400*	54.4	394.6	11,700*	56.5	399.1	11,400	195
200	49.5	380.8	8,900*	51.0	385.1	11,000*	53.1	390.9	11,600*	55.2	395.6	10,600	200
205	48.1	376.3	8,500*	49.7	380.9	10,500*	51.9	386.9	11,400*	54.0	392.0	10,000	205
210	46.7	371.6	8,100*	48.3	376.4	10,100*	50.5	382.8	11,400	52.7	388.2	9,300	210
215	45.3	366.6	7,800*	46.9	371.8	9,600*	49.2	378.5	10,700	51.4	384.2	8,700	215
220	43.9	361.4	7,400*	45.5	366.8	9,200*	47.8	374.0	10,100	50.1	380.0	8,100	220
225	42.4	356.0	7,100*	44.0	361.7	8,800*	46.4	369.2	9,500	48.7	375.6	7,500	225
230	40.8	350.2	6,800*	42.5	356.2	8,400*	45.0	364.2	8,900	47.4	371.0	7,000	230
235	39.2	344.1	6,500*	41.0	350.5	8,000*	43.5	359.0	8,300	45.9	366.2	6,500	235
240	37.6	337.6	6,200*	39.4	344.4	7,700*	42.0	353.4	7,800	44.5	361.1	6,000	240
245	35.8	330.7	5,900*	37.8	338.0	7,300*	40.5	347.6	7,300	43.0	355.7	5,500	245
250	34.0	323.4	5,700*	36.0	331.2	7,000*	38.9	341.4	6,800	41.5	350.1	5,100	250
255	32.1	315.5	5,400*	34.2	323.9	6,700*	37.2	334.9	6,300	39.9	344.1	4,600	255
260	30.1	307.0	5,200*	32.4	316.1	6,400*	35.4	327.9	5,900	38.3	337.8	4,200	260
265	28.0	297.8	5,000*	30.4	307.6	6,200*	33.6	320.4	5,400				265
270	25.7	287.6	4,800*	28.3	298.5	5,900*	31.7	312.4	5,000				270
275	23.2	276.2	4,600*	26.0	288.4	5,700*	29.7	303.7	4,600				275
280	20.4	263.3	4,200*	23.5	277.2	5,500*	27.5	294.3	4,200				280
285	17.1	247.9	4,000*	20.7	264.5	5,300*							285
290	13.0	228.4	4,000*	17.5	249.5	4,900							290
295				13.6	230.6	4,500							295



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

160 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.6	449.3	12,100*										95
100	73.5	447.8	12,000*										100
105	72.5	446.2	11,900*										105
110	71.5	444.5	11,800*	72.6	446.0	13,700*							110
115	70.4	442.7	11,700*	71.6	444.3	13,600*							115
120	69.4	440.8	11,600*	70.6	442.5	13,400*							120
125	68.3	438.8	11,400*	69.5	440.7	13,300*							125
130	67.3	436.7	11,300*	68.5	438.7	13,200*							130
135	66.2	434.5	11,200*	67.4	436.6	13,100*	69.2	439.1	13,100*				135
140	65.1	432.1	11,100*	66.3	434.4	12,900*	68.1	437.1	13,000*				140
145	64.0	429.7	11,000*	65.3	432.0	12,800*	67.0	434.9	12,900*				145
150	62.9	427.1	10,900*	64.2	429.6	12,700*	66.0	432.7	12,800*				150
155	61.8	424.4	10,800*	63.1	427.1	12,500*	64.9	430.3	12,600*	66.7	432.8	12,600*	155
160	60.7	421.6	10,600*	62.0	424.4	12,400*	63.8	427.9	12,500*	65.6	430.5	12,500*	160
165	59.6	418.7	10,500*	60.8	421.6	12,300*	62.7	425.3	12,400*	64.5	428.1	12,300*	165
170	58.4	415.6	10,400*	59.7	418.6	12,100*	61.6	422.5	12,200*	63.4	425.6	12,300*	170
175	57.3	412.4	10,300*	58.6	415.6	12,000*	60.5	419.7	12,100*	62.3	423.0	12,100*	175
180	56.1	409.0	10,200*	57.4	412.4	11,900*	59.3	416.7	12,000*	61.2	420.2	12,000*	180
185	54.9	405.5	10,000*	56.2	409.0	11,800*	58.2	413.6	11,800*	60.1	417.3	11,900*	185
190	53.7	401.8	9,600*	55.0	405.5	11,700*	57.0	410.3	11,800*	58.9	414.3	11,600	190
195	52.4	397.9	9,200*	53.8	401.8	11,200*	55.8	406.9	11,600*	57.8	411.1	10,800	195
200	51.2	393.9	8,800*	52.6	398.0	10,800*	54.6	403.4	11,500*	56.6	407.8	10,100	200
205	49.9	389.7	8,400*	51.3	394.0	10,300*	53.4	399.6	11,400*	55.4	404.4	9,400	205
210	48.6	385.3	8,100*	50.0	389.8	9,900*	52.2	395.8	10,900	54.2	400.7	8,800	210
215	47.3	380.6	7,700*	48.7	385.4	9,500*	50.9	391.7	10,200	53.0	397.0	8,200	215
220	45.9	375.8	7,400*	47.4	380.8	9,100*	49.6	387.4	9,500	51.7	393.0	7,600	220
225	44.5	370.7	7,100*	46.0	376.0	8,800*	48.3	383.0	8,900	50.4	388.9	7,000	225
230	43.1	365.4	6,700*	44.7	370.9	8,400*	47.0	378.3	8,400	49.2	384.5	6,500	230
235	41.6	359.7	6,400*	43.2	365.6	8,000*	45.6	373.4	7,800	47.8	380.0	6,000	235
240	40.1	353.8	6,200*	41.8	360.0	7,700*	44.2	368.3	7,300	46.5	375.3	5,500	240
245	38.5	347.6	5,900*	40.2	354.1	7,400*	42.7	362.9	6,800	45.1	370.3	5,000	245
250	36.9	340.9	5,600*	38.7	347.9	7,100*	41.3	357.2	6,300	43.7	365.1	4,500	250
255	35.2	333.9	5,400*	37.1	341.3	6,700*	39.7	351.2	5,800	42.2	359.6	4,100	255
260	33.4	326.4	4,800*	35.4	334.3	6,500*	38.2	344.8	5,300				260
265	31.6	318.3	4,500*	33.6	326.9	6,200*	36.5	338.1	4,900				265
270	29.6	309.6	4,200*	31.8	318.9	5,900*	34.8	331.0	4,500				270
275	27.5	300.2	4,000*	29.8	310.3	5,600	33.0	323.3	4,100				275
280				27.8	300.9	5,200							280
285				25.5	290.6	4,800							285
290				23.1	279.2	4,400							290
295				20.4	266.2	4,000							295

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

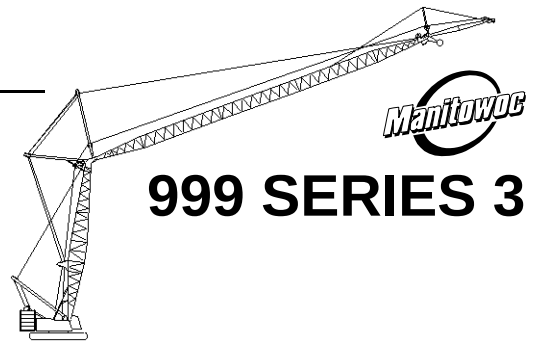
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

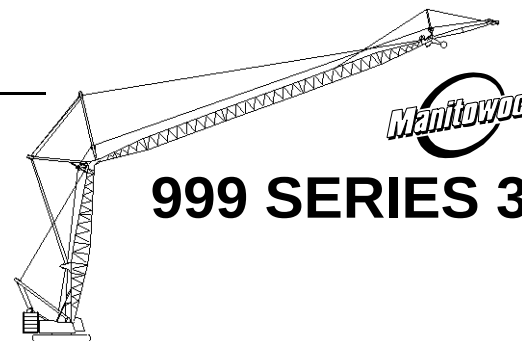
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.4	382.7	30,300*										70
75	73.0	381.2	29,900*										75
80	71.5	379.5	29,600*										80
85	70.0	377.7	29,100*	71.9	379.5	35,200*							85
90	68.5	375.7	28,400*	70.4	377.8	34,600*							90
95	66.9	373.6	27,700*	68.8	375.8	33,200*							95
100	65.4	371.3	26,800*	67.3	373.8	31,900*							100
105	63.8	368.9	25,500*	65.8	371.5	30,500*	68.7	374.6	34,800*				105
110	62.2	366.3	24,200*	64.2	369.1	29,100*	67.1	372.5	34,100*				110
115	60.6	363.5	22,900*	62.6	366.6	27,700*	65.6	370.2	33,900*				115
120	58.9	360.5	21,700*	61.0	363.8	26,400*	64.0	367.8	33,100*	66.9	370.7	30,000	120
125	57.3	357.3	20,500*	59.4	360.9	25,000*	62.4	365.2	31,800*	65.4	368.4	28,000	125
130	55.6	353.9	19,500*	57.7	357.7	23,800*	60.8	362.4	29,800	63.8	365.9	26,200	130
135	53.8	350.3	18,400*	56.0	354.4	22,500*	59.1	359.5	28,100	62.2	363.3	24,600	135
140	52.0	346.4	17,400*	54.3	350.8	21,400*	57.5	356.3	26,400	60.6	360.5	23,100	140
145	50.2	342.3	16,500*	52.5	347.0	20,200*	55.8	352.9	24,900	58.9	357.5	21,700	145
150	48.3	337.9	15,600*	50.7	343.0	19,200*	54.0	349.3	23,400	57.2	354.3	20,300	150
155	46.4	333.2	14,800*	48.8	338.6	18,200*	52.3	345.5	22,100	55.5	350.9	19,100	155
160	44.4	328.1	14,000*	46.9	334.0	17,200*	50.4	341.4	20,900	53.8	347.3	18,000	160
165	42.3	322.7	13,300*	44.9	329.1	16,300*	48.6	337.1	19,700	52.0	343.4	16,900	165
170	40.1	316.9	12,600*	42.8	323.7	15,500*	46.6	332.4	18,600	50.2	339.3	15,900	170
175	37.8	310.6	12,000*	40.7	318.0	14,700*	44.6	327.4	17,600	48.3	334.9	15,000	175
180	35.4	303.7	11,500*	38.4	311.8	13,900*	42.5	322.0	16,600	46.3	330.2	14,100	180
185	32.9	296.1	10,900*	36.0	305.1	13,200*	40.4	316.2	15,700	44.3	325.2	13,200	185
190	30.1	287.8	10,500*	33.5	297.7	12,600*	38.1	310.0	14,800	42.3	319.7	12,400	190
195	27.1	278.4	10,100*	30.8	289.6	12,000*	35.7	303.2	14,000	40.1	313.9	11,700	195
200	23.7	267.6	9,700*	27.9	280.5	11,500*	33.2	295.7	13,200	37.8	307.6	11,000	200
205	19.8	254.6	9,400*	24.6	270.1	11,100*	30.5	287.5	12,500	35.4	300.7	10,300	205
210	14.9	238.0	9,300*	20.9	257.8	10,700*	27.5	278.2	11,800	32.8	293.1	9,600	210
215	7.0	210.7	9,300*	16.3	242.3	10,400*	24.2	267.6	11,100	30.1	284.7	9,000	215
220				9.7	219.6	10,200*	20.4	255.0	10,400	27.1	275.3	8,400	220
225							15.6	239.0	9,800	23.7	264.5	7,800	225
230							8.5	214.3	9,100	19.8	251.5	7,300	230
235										14.8	234.8	6,700	235
240										6.9	207.2	6,200	240



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	73.8	391.6	27,900*										75
80	72.4	390.1	27,500*										80
85	71.0	388.3	27,200*	72.7	390.1	32,400*							85
90	69.5	386.5	26,800*	71.3	388.4	32,100*							90
95	68.1	384.5	26,200*	69.9	386.6	31,600*							95
100	66.6	382.3	25,600*	68.4	384.6	30,400*							100
105	65.1	380.0	24,600*	67.0	382.5	29,200*	69.7	385.3	31,800*				105
110	63.6	377.6	23,400*	65.5	380.2	28,000*	68.3	383.3	31,700*				110
115	62.1	374.9	22,200*	64.0	377.8	26,700*	66.8	381.2	31,500*				115
120	60.6	372.1	21,100*	62.5	375.2	25,500*	65.3	378.9	31,300*				120
125	59.0	369.2	20,000*	61.0	372.5	24,300*	63.8	376.5	30,400*	66.6	379.4	27,300	125
130	57.4	366.0	19,000*	59.4	369.5	23,200*	62.3	373.9	29,200	65.1	377.1	25,500	130
135	55.8	362.6	18,000*	57.8	366.4	22,000*	60.8	371.1	27,400	63.6	374.6	23,800	135
140	54.1	359.0	17,100*	56.2	363.1	21,000*	59.2	368.1	25,700	62.1	372.0	22,300	140
145	52.4	355.2	16,200*	54.5	359.6	19,900*	57.6	365.0	24,200	60.5	369.2	20,900	145
150	50.7	351.2	15,400*	52.9	355.8	18,900*	56.0	361.6	22,800	59.0	366.2	19,600	150
155	48.9	346.9	14,600*	51.1	351.8	17,900*	54.3	358.1	21,500	57.4	363.0	18,400	155
160	47.1	342.3	13,900*	49.4	347.6	17,000*	52.6	354.3	20,200	55.7	359.6	17,300	160
165	45.2	337.4	13,200*	47.5	343.0	16,200*	50.9	350.3	19,100	54.1	356.1	16,200	165
170	43.2	332.1	12,500*	45.7	338.2	15,400*	49.1	346.0	18,000	52.4	352.2	15,200	170
175	41.2	326.5	11,900*	43.7	333.1	14,600*	47.3	341.4	16,900	50.7	348.2	14,300	175
180	39.1	320.4	11,300*	41.7	327.5	13,900*	45.4	336.6	16,000	48.9	343.9	13,400	180
185	36.9	313.9	10,800*	39.6	321.6	13,200*	43.5	331.4	15,100	47.1	339.3	12,600	185
190	34.5	306.8	10,300*	37.5	315.2	12,600*	41.5	325.8	14,200	45.2	334.4	11,800	190
195	32.0	299.0	9,900*	35.1	308.2	12,000*	39.4	319.8	13,400	43.2	329.1	11,000	195
200	29.4	290.4	9,500*	32.7	300.6	11,500*	37.2	313.3	12,600	41.2	323.5	10,300	200
205	26.4	280.7	9,200*	30.1	292.3	11,000*	34.8	306.3	11,900	39.1	317.4	9,600	205
210	23.1	269.6	8,900*	27.2	282.9	10,500*	32.4	298.6	11,200	36.9	310.9	9,000	210
215	19.3	256.3	8,700*	24.0	272.2	10,100*	29.7	290.1	10,500	34.5	303.8	8,400	215
220	14.5	239.2	8,500*	20.4	259.5	9,800*	26.8	280.6	9,900	32.0	296.0	7,800	220
225	6.9	211.2	8,500*	15.9	243.7	9,600*	23.6	269.7	9,200	29.3	287.3	7,200	225
230				9.5	220.4	9,500*	19.9	256.7	8,600	26.4	277.6	6,700	230
235							15.2	240.3	8,000	23.1	266.5	6,100	235
240							8.3	215.0	7,400	19.3	253.2	5,600	240
245										14.5	236.1	5,100	245
250										6.7	207.7	4,600	250

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

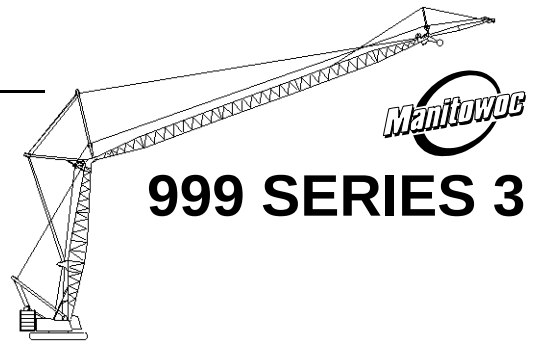
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

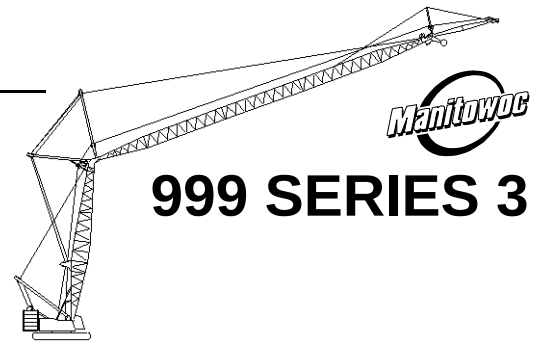
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.5	402.1	26,000*										75
80	73.2	400.6	25,800*										80
85	71.8	398.9	25,400*										85
90	70.5	397.2	25,100*	72.2	398.9	30,400*							90
95	69.1	395.3	24,700*	70.8	397.2	30,000*							95
100	67.7	393.2	24,200*	69.5	395.4	29,000*							100
105	66.3	391.1	23,700*	68.1	393.4	27,900*							105
110	64.9	388.7	22,600*	66.7	391.2	26,800*	69.3	394.1	29,500*				110
115	63.5	386.3	21,500*	65.3	388.9	25,700*	67.9	392.1	29,400*				115
120	62.0	383.6	20,500*	63.8	386.5	24,700*	66.5	389.9	29,200*				120
125	60.5	380.8	19,500*	62.4	383.9	23,600*	65.1	387.6	29,000*				125
130	59.0	377.8	18,600*	60.9	381.1	22,500*	63.6	385.2	28,200*	66.3	388.1	25,100	130
135	57.5	374.7	17,600*	59.4	378.2	21,500*	62.2	382.5	27,000	64.9	385.8	23,500	135
140	56.0	371.3	16,800*	57.9	375.1	20,500*	60.7	379.7	25,400	63.4	383.3	22,000	140
145	54.4	367.8	15,900*	56.4	371.8	19,500*	59.2	376.8	23,800	62.0	380.6	20,600	145
150	52.8	364.0	15,100*	54.8	368.3	18,600*	57.7	373.7	22,400	60.5	377.8	19,300	150
155	51.1	360.0	14,400*	53.2	364.6	17,700*	56.2	370.3	21,100	59.0	374.9	18,100	155
160	49.4	355.8	13,700*	51.6	360.6	16,800*	54.6	366.8	19,900	57.5	371.7	16,900	160
165	47.7	351.3	13,000*	49.9	356.5	16,000*	53.0	363.1	18,700	55.9	368.3	15,900	165
170	45.9	346.5	12,400*	48.2	352.0	15,200*	51.3	359.1	17,600	54.4	364.8	14,900	170
175	44.1	341.4	11,800*	46.4	347.3	14,500*	49.7	354.9	16,600	52.8	361.0	13,900	175
180	42.2	336.0	11,200*	44.6	342.3	13,800*	47.9	350.4	15,600	51.1	357.0	13,100	180
185	40.2	330.1	10,700*	42.7	337.0	13,200*	46.2	345.7	14,700	49.4	352.8	12,200	185
190	38.2	323.9	10,200*	40.7	331.2	12,600*	44.3	340.6	13,900	47.7	348.3	11,400	190
195	36.0	317.1	9,800*	38.7	325.1	12,000*	42.4	335.2	13,100	45.9	343.5	10,700	195
200	33.7	309.8	9,400*	36.6	318.5	11,400*	40.5	329.5	12,300	44.1	338.4	10,000	200
205	31.3	301.8	9,000*	34.3	311.3	10,900*	38.4	323.3	11,600	42.2	333.0	9,300	205
210	28.7	292.9	8,700*	31.9	303.5	10,500*	36.3	316.6	10,800	40.2	327.1	8,700	210
215	25.8	283.0	8,400*	29.4	294.8	10,000*	34.0	309.3	10,200	38.1	320.9	8,000	215
220	22.6	271.5	8,100*	26.6	285.2	9,700*	31.6	301.4	9,500	36.0	314.1	7,500	220
225	18.9	257.9	8,000*	23.5	274.2	9,300*	29.0	292.7	8,900	33.7	306.8	6,900	225
230	14.2	240.5	7,900*	19.9	261.2	9,100*	26.2	282.9	8,300	31.3	298.7	6,400	230
235	6.7	211.7	7,900*	15.5	245.0	8,900*	23.0	271.7	7,800	28.6	289.9	5,800	235
240				9.2	221.1	8,800*	19.4	258.4	7,200	25.8	279.9	5,300	240
245							14.9	241.6	6,700	22.6	268.5	4,900	245
250							8.1	215.7	6,100	18.8	254.8	4,400	250



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	73.9	411.0	23,900*										80
85	72.7	409.5	23,800*										85
90	71.4	407.8	23,500*	73.0	409.5	28,000*							90
95	70.0	406.0	23,100*	71.7	407.8	27,500*							95
100	68.7	404.0	22,800*	70.4	406.0	27,300*							100
105	67.4	402.0	22,300*	69.1	404.1	26,500*							105
110	66.0	399.8	21,700*	67.7	402.1	25,600*							110
115	64.7	397.4	20,700*	66.4	399.9	24,600*	68.9	402.9	27,100*				115
120	63.3	394.9	19,800*	65.0	397.6	23,700*	67.6	400.8	27,000*				120
125	61.9	392.3	18,900*	63.7	395.2	22,700*	66.2	398.6	26,900*				125
130	60.5	389.5	18,000*	62.3	392.6	21,800*	64.9	396.3	26,700*				130
135	59.1	386.5	17,100*	60.9	389.8	20,800*	63.5	393.8	26,000*	66.0	396.8	22,800	135
140	57.6	383.3	16,300*	59.4	386.9	19,900*	62.1	391.2	24,700	64.7	394.5	21,300	140
145	56.1	380.0	15,500*	58.0	383.8	19,000*	60.7	388.4	23,200	63.3	392.0	19,900	145
150	54.6	376.5	14,800*	56.5	380.5	18,100*	59.3	385.5	21,800	61.9	389.3	18,600	150
155	53.1	372.8	14,100*	55.0	377.0	17,300*	57.8	382.3	20,500	60.5	386.5	17,400	155
160	51.5	368.8	13,400*	53.5	373.3	16,500*	56.3	379.0	19,200	59.1	383.5	16,200	160
165	49.9	364.7	12,800*	51.9	369.5	15,700*	54.8	375.5	18,100	57.6	380.4	15,200	165
170	48.3	360.3	12,200*	50.3	365.3	15,000*	53.3	371.8	17,000	56.1	377.0	14,200	170
175	46.6	355.6	11,600*	48.7	361.0	14,300*	51.7	367.9	16,000	54.6	373.5	13,300	175
180	44.9	350.6	11,100*	47.0	356.4	13,600*	50.1	363.8	15,000	53.1	369.8	12,400	180
185	43.1	345.3	10,600*	45.3	351.5	13,000*	48.5	359.4	14,100	51.5	365.9	11,500	185
190	41.2	339.7	10,100*	43.5	346.3	12,400*	46.8	354.8	13,300	49.9	361.7	10,800	190
195	39.3	333.7	9,600*	41.7	340.8	11,900*	45.1	349.8	12,400	48.3	357.3	10,000	195
200	37.3	327.2	9,200*	39.8	334.9	11,300*	43.3	344.6	11,700	46.6	352.6	9,300	200
205	35.2	320.3	8,800*	37.8	328.5	10,800*	41.5	339.0	10,900	44.9	347.6	8,600	205
210	33.0	312.7	8,500*	35.7	321.7	10,300*	39.6	333.1	10,200	43.1	342.3	8,000	210
215	30.6	304.5	8,200*	33.5	314.3	9,900*	37.6	326.7	9,600	41.2	336.7	7,400	215
220	28.0	295.4	7,900*	31.2	306.3	9,500*	35.5	319.8	8,900	39.3	330.7	6,800	220
225	25.2	285.2	7,600*	28.7	297.4	9,200*	33.2	312.3	8,300	37.3	324.2	6,300	225
230	22.1	273.5	7,400*	26.0	287.5	8,800*	30.9	304.2	7,700	35.2	317.3	5,700	230
235	18.4	259.5	7,300*	22.9	276.2	8,600*	28.4	295.2	7,200	32.9	309.7	5,200	235
240	13.9	241.6	7,200*	19.4	262.9	8,300*	25.6	285.1	6,600	30.6	301.5	4,700	240
245	6.5	212.3	6,900*	15.2	246.3	8,000	22.5	273.6	6,100	28.0	292.3	4,300	245
250				9.0	221.9	7,400	18.9	260.0	5,600				250
255							14.5	242.8	5,100				255
260							7.9	216.3	4,600				260

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

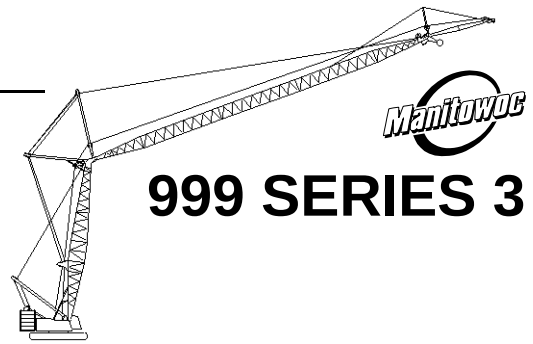
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

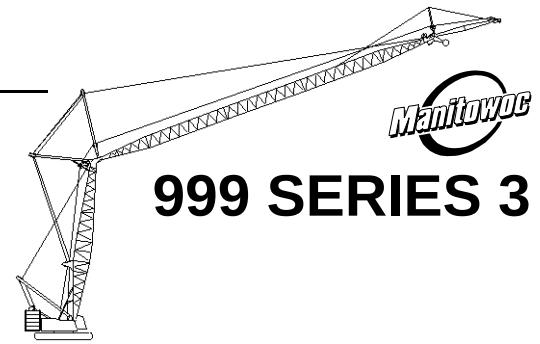
180 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.6	421.4	22,200*										80
85	73.4	419.9	22,200*										85
90	72.2	418.3	21,900*										90
95	70.9	416.6	21,600*	72.5	418.4	25,800*							95
100	69.6	414.8	21,300*	71.2	416.7	25,300*							100
105	68.4	412.8	21,000*	70.0	414.9	25,100*							105
110	67.1	410.7	20,600*	68.7	412.9	24,400*							110
115	65.8	408.5	19,900*	67.4	410.9	23,500*	69.8	413.6	25,100*				115
120	64.5	406.1	19,100*	66.1	408.7	22,700*	68.5	411.6	25,000*				120
125	63.2	403.6	18,200*	64.8	406.3	21,800*	67.3	409.6	24,800*				125
130	61.8	400.9	17,400*	63.5	403.8	21,000*	66.0	407.3	24,700*				130
135	60.5	398.1	16,600*	62.2	401.2	20,100*	64.7	405.0	24,500*				135
140	59.1	395.2	15,900*	60.8	398.4	19,300*	63.3	402.5	24,000*	65.8	405.5	20,700	140
145	57.7	392.0	15,100*	59.5	395.5	18,500*	62.0	399.9	22,600	64.5	403.1	19,300	145
150	56.3	388.7	14,400*	58.1	392.4	17,700*	60.7	397.1	21,200	63.2	400.6	18,000	150
155	54.9	385.2	13,800*	56.7	389.2	16,900*	59.3	394.1	19,900	61.8	398.0	16,800	155
160	53.4	381.5	13,100*	55.2	385.7	16,200*	57.9	391.0	18,700	60.5	395.2	15,700	160
165	51.9	377.6	12,500*	53.8	382.1	15,400*	56.5	387.7	17,500	59.1	392.2	14,600	165
170	50.4	373.5	11,900*	52.3	378.2	14,700*	55.1	384.2	16,500	57.7	389.0	13,600	170
175	48.8	369.2	11,400*	50.8	374.2	14,100*	53.6	380.6	15,400	56.3	385.7	12,700	175
180	47.2	364.6	10,900*	49.2	369.9	13,500*	52.1	376.7	14,500	54.8	382.2	11,800	180
185	45.6	359.8	10,400*	47.6	365.4	12,800*	50.6	372.7	13,600	53.4	378.6	11,000	185
190	43.9	354.6	9,900*	46.0	360.6	12,300*	49.0	368.4	12,700	51.9	374.7	10,200	190
195	42.1	349.2	9,500*	44.3	355.6	11,700*	47.4	363.8	11,900	50.4	370.6	9,500	195
200	40.3	343.4	9,100*	42.6	350.2	11,200*	45.8	359.0	11,100	48.8	366.2	8,800	200
205	38.4	337.2	8,700*	40.8	344.5	10,700*	44.1	353.9	10,400	47.2	361.6	8,100	205
210	36.5	330.5	8,300*	38.9	338.4	10,300*	42.4	348.5	9,700	45.6	356.8	7,500	210
215	34.4	323.4	8,000*	37.0	331.9	9,900*	40.6	342.7	9,100	43.9	351.6	6,900	215
220	32.2	315.6	7,700*	35.0	324.8	9,400*	38.7	336.6	8,400	42.1	346.2	6,300	220
225	29.9	307.1	7,400*	32.8	317.2	9,100*	36.7	330.0	7,800	40.3	340.4	5,700	225
230	27.4	297.8	7,200*	30.5	309.0	8,700*	34.7	322.9	7,200	38.4	334.2	5,200	230
235	24.7	287.3	7,000*	28.1	299.9	8,400*	32.5	315.2	6,700	36.5	327.5	4,700	235
240	21.6	275.3	6,800*	25.4	289.7	8,100*	30.2	306.8	6,200	34.4	320.3	4,200	240
245	18.0	261.1	6,700*	22.4	278.2	7,600	27.7	297.6	5,600				245
250	13.6	242.8	6,700*	19.0	264.6	7,000	25.0	287.3	5,200				250
255	6.4	212.8	5,500*	14.8	247.6	6,500	22.0	275.6	4,700				255
260				8.8	222.6	5,900	18.5	261.6	4,200				260

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.2	391.5	27,000*										75
80	72.8	390.0	26,700*										80
85	71.4	388.2	26,300*										85
90	70.0	386.4	26,000*	71.8	388.3	32,000*							90
95	68.5	384.4	25,400*	70.3	386.5	30,900*							95
100	67.0	382.2	24,900*	68.9	384.5	30,000*							100
105	65.6	379.9	24,300*	67.4	382.4	28,800*							105
110	64.1	377.5	23,100*	65.9	380.1	27,600*	68.7	383.2	30,700*				110
115	62.5	374.8	21,900*	64.4	377.7	26,400*	67.2	381.1	30,600*				115
120	61.0	372.0	20,800*	62.9	375.1	25,200*	65.8	378.8	30,400*				120
125	59.4	369.1	19,700*	61.4	372.4	24,000*	64.3	376.4	30,100*				125
130	57.8	365.9	18,700*	59.8	369.4	22,800*	62.7	373.8	28,900*	65.5	377.0	26,400	130
135	56.2	362.5	17,700*	58.2	366.3	21,700*	61.2	371.0	27,800*	64.0	374.5	24,700	135
140	54.5	358.9	16,800*	56.6	363.0	20,600*	59.6	368.0	26,600*	62.5	371.9	23,200	140
145	52.8	355.1	15,900*	55.0	359.4	19,500*	58.0	364.9	25,100	61.0	369.1	21,800	145
150	51.1	351.0	15,000*	53.3	355.7	18,500*	56.4	361.5	23,600	59.4	366.1	20,500	150
155	49.3	346.7	14,200*	51.6	351.7	17,500*	54.8	358.0	22,300	57.8	362.9	19,300	155
160	47.5	342.1	13,500*	49.8	347.4	16,600*	53.1	354.2	21,100	56.2	359.5	18,100	160
165	45.6	337.2	12,800*	48.0	342.9	15,700*	51.3	350.1	19,900	54.5	355.9	17,100	165
170	43.7	332.0	12,100*	46.1	338.1	14,900*	49.6	345.9	18,800	52.8	352.1	16,100	170
175	41.6	326.3	11,500*	44.2	332.9	14,100*	47.7	341.3	17,800	51.1	348.1	15,100	175
180	39.5	320.3	10,900*	42.2	327.4	13,400*	45.9	336.4	16,800	49.3	343.7	14,200	180
185	37.3	313.7	10,400*	40.1	321.4	12,700*	43.9	331.2	15,900	47.5	339.1	13,400	185
190	35.0	306.6	9,900*	37.9	315.0	12,100*	41.9	325.6	15,000	45.6	334.2	12,600	190
195	32.5	298.8	9,400*	35.6	308.1	11,500*	39.8	319.6	14,200	43.6	329.0	11,800	195
200	29.8	290.2	9,000*	33.1	300.5	10,900*	37.6	313.2	13,400	41.6	323.3	11,100	200
205	26.8	280.5	8,700*	30.5	292.1	10,400*	35.3	306.1	12,700	39.5	317.3	10,400	205
210	23.5	269.3	8,400*	27.6	282.6	9,900*	32.8	298.4	12,000	37.3	310.7	9,800	210
215	19.7	256.0	8,100*	24.4	271.9	9,500*	30.1	289.9	11,300	34.9	303.6	9,200	215
220	14.9	238.8	7,900*	20.7	259.2	9,200*	27.2	280.4	10,600	32.4	295.8	8,600	220
225	7.1	210.3	7,900*	16.2	243.3	8,900*	24.0	269.4	10,000	29.7	287.1	8,000	225
230				9.7	219.7	8,800*	20.2	256.4	9,400	26.8	277.4	7,500	230
235							15.6	239.9	8,800	23.5	266.2	6,900	235
240							8.5	214.3	8,200	19.6	252.9	6,400	240
245										14.8	235.7	5,900	245
250										6.9	206.8	5,400	250

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

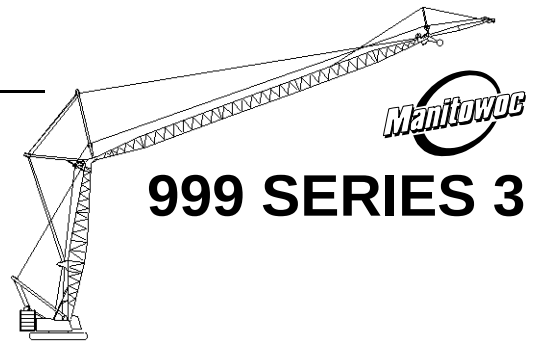
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

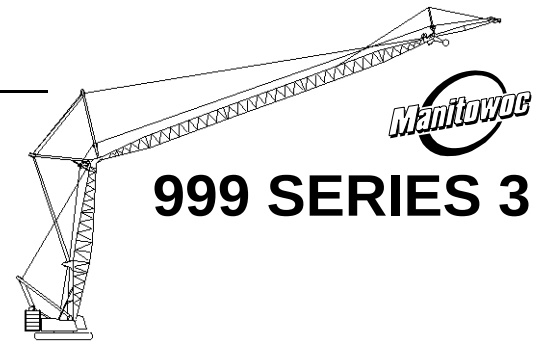
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.0	402.0	25,200*										75
80	73.6	400.5	25,200*										80
85	72.3	398.8	24,700*										85
90	70.9	397.1	24,300*	72.6	398.8	29,800*							90
95	69.5	395.2	24,000*	71.2	397.1	28,800*							95
100	68.1	393.1	23,500*	69.9	395.3	28,600*							100
105	66.7	391.0	23,000*	68.5	393.3	27,500*							105
110	65.3	388.6	22,300*	67.1	391.1	26,500*	69.7	394.0	28,600*				110
115	63.9	386.1	21,200*	65.7	388.8	25,400*	68.3	392.0	28,500*				115
120	62.4	383.5	20,200*	64.2	386.4	24,300*	66.9	389.8	28,300*				120
125	60.9	380.7	19,200*	62.8	383.8	23,200*	65.5	387.5	28,100*				125
130	59.4	377.7	18,200*	61.3	381.0	22,200*	64.1	385.0	27,800*	66.7	388.0	25,600	130
135	57.9	374.6	17,300*	59.8	378.1	21,100*	62.6	382.4	26,700*	65.3	385.7	24,000	135
140	56.4	371.2	16,400*	58.3	375.0	20,100*	61.1	379.6	25,700*	63.9	383.2	22,500	140
145	54.8	367.6	15,600*	56.8	371.7	19,100*	59.6	376.7	24,400	62.4	380.5	21,100	145
150	53.2	363.9	14,800*	55.2	368.2	18,200*	58.1	373.5	23,000	60.9	377.7	19,800	150
155	51.5	359.9	14,100*	53.6	364.5	17,300*	56.6	370.2	21,600	59.4	374.7	18,600	155
160	49.9	355.6	13,300*	52.0	360.5	16,400*	55.0	366.7	20,400	57.9	371.6	17,400	160
165	48.1	351.1	12,700*	50.3	356.3	15,600*	53.4	362.9	19,200	56.4	368.2	16,400	165
170	46.3	346.4	12,000*	48.6	351.9	14,800*	51.8	359.0	18,200	54.8	364.7	15,400	170
175	44.5	341.3	11,400*	46.8	347.2	14,100*	50.1	354.8	17,100	53.2	360.9	14,400	175
180	42.6	335.8	10,800*	45.0	342.2	13,400*	48.3	350.3	16,200	51.5	356.9	13,500	180
185	40.6	330.0	10,300*	43.1	336.8	12,700*	46.6	345.6	15,300	49.8	352.7	12,700	185
190	38.6	323.7	9,800*	41.1	331.1	12,100*	44.7	340.5	14,400	48.1	348.2	11,900	190
195	36.4	317.0	9,400*	39.1	324.9	11,500*	42.8	335.1	13,600	46.3	343.4	11,200	195
200	34.1	309.6	8,900*	37.0	318.3	10,900*	40.9	329.3	12,800	44.5	338.3	10,500	200
205	31.7	301.6	8,600*	34.7	311.1	10,400*	38.8	323.1	12,100	42.6	332.8	9,800	205
210	29.1	292.7	8,200*	32.3	303.3	9,900*	36.7	316.4	11,400	40.6	327.0	9,100	210
215	26.2	282.7	7,900*	29.7	294.6	9,500*	34.4	309.2	10,700	38.5	320.7	8,500	215
220	23.0	271.3	7,700*	26.9	285.0	9,100*	32.0	301.2	10,000	36.4	313.9	7,900	220
225	19.2	257.6	7,500*	23.8	273.9	8,800*	29.4	292.5	9,400	34.1	306.6	7,400	225
230	14.5	240.0	7,300*	20.2	260.9	8,500*	26.6	282.6	8,800	31.6	298.5	6,800	230
235	6.9	210.8	7,300*	15.8	244.6	8,300*	23.4	271.4	8,300	29.0	289.7	6,300	235
240				9.5	220.5	8,200*	19.7	258.1	7,700	26.1	279.7	5,800	240
245							15.2	241.2	7,100	22.9	268.2	5,300	245
250							8.3	214.9	6,600	19.2	254.5	4,800	250
255										14.5	236.9	4,400	255



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.3	410.9	23,700*										80
85	73.1	409.4	23,100*										85
90	71.8	407.7	22,800*										90
95	70.4	405.9	22,500*	72.1	407.7	27,600*							95
100	69.1	403.9	22,200*	70.8	405.9	26,700*							100
105	67.8	401.9	21,800*	69.5	404.0	26,300*							105
110	66.4	399.7	21,300*	68.1	402.0	25,300*							110
115	65.1	397.3	20,500*	66.8	399.8	24,400*	69.3	402.8	26,500*				115
120	63.7	394.8	19,600*	65.4	397.5	23,400*	68.0	400.7	26,400*				120
125	62.3	392.2	18,700*	64.1	395.1	22,500*	66.6	398.5	26,300*				125
130	60.9	389.4	17,800*	62.7	392.4	21,500*	65.3	396.2	26,100*				130
135	59.5	386.4	16,900*	61.3	389.7	20,600*	63.9	393.7	25,700*	66.4	396.7	23,600	135
140	58.0	383.2	16,100*	59.8	386.7	19,600*	62.5	391.1	24,800*	65.1	394.3	22,100	140
145	56.5	379.9	15,300*	58.4	383.6	18,700*	61.1	388.3	23,900*	63.7	391.8	20,700	145
150	55.0	376.4	14,500*	56.9	380.4	17,900*	59.7	385.3	22,600	62.3	389.2	19,400	150
155	53.5	372.6	13,800*	55.4	376.9	17,000*	58.2	382.2	21,300	60.9	386.4	18,200	155
160	51.9	368.7	13,200*	53.9	373.2	16,200*	56.7	378.9	20,100	59.5	383.4	17,100	160
165	50.3	364.5	12,500*	52.3	369.3	15,400*	55.2	375.4	18,900	58.0	380.3	16,000	165
170	48.7	360.1	11,900*	50.7	365.2	14,700*	53.7	371.7	17,800	56.5	376.9	15,000	170
175	47.0	355.4	11,300*	49.1	360.9	14,000*	52.1	367.8	16,800	55.0	373.4	14,100	175
180	45.3	350.5	10,800*	47.4	356.3	13,300*	50.5	363.7	15,800	53.5	369.7	13,200	180
185	43.5	345.2	10,200*	45.7	351.4	12,600*	48.9	359.3	14,900	51.9	365.7	12,400	185
190	41.6	339.6	9,800*	43.9	346.2	12,100*	47.2	354.6	14,000	50.3	361.6	11,600	190
195	39.7	333.5	9,300*	42.1	340.6	11,500*	45.5	349.7	13,200	48.7	357.1	10,800	195
200	37.7	327.1	8,900*	40.2	334.7	11,000*	43.7	344.5	12,500	47.0	352.5	10,100	200
205	35.6	320.1	8,500*	38.2	328.4	10,400*	41.9	338.9	11,700	45.2	347.5	9,400	205
210	33.3	312.6	8,100*	36.1	321.5	10,000*	39.9	332.9	11,000	43.4	342.2	8,800	210
215	30.9	304.3	7,800*	33.9	314.1	9,500*	37.9	326.5	10,400	41.6	336.6	8,200	215
220	28.4	295.2	7,500*	31.6	306.1	9,100*	35.8	319.6	9,700	39.7	330.5	7,600	220
225	25.6	284.9	7,300*	29.1	297.2	8,700*	33.6	312.1	9,100	37.6	324.1	7,000	225
230	22.4	273.2	7,100*	26.3	287.2	8,400*	31.3	304.0	8,500	35.5	317.1	6,500	230
235	18.8	259.2	6,900*	23.3	275.9	8,100*	28.7	295.0	7,900	33.3	309.5	6,000	235
240	14.2	241.2	6,800*	19.8	262.6	7,900*	26.0	284.9	7,400	30.9	301.3	5,500	240
245	6.7	211.3	6,800*	15.5	245.9	7,700*	22.9	273.4	6,900	28.4	292.1	5,000	245
250				9.3	221.2	7,600*	19.3	259.7	6,400	25.5	281.9	4,600	250
255							14.8	242.4	5,900	22.4	270.1	4,100	255
260							8.1	215.5	5,300				260

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

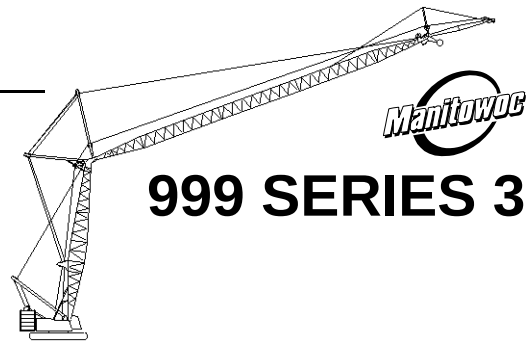
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

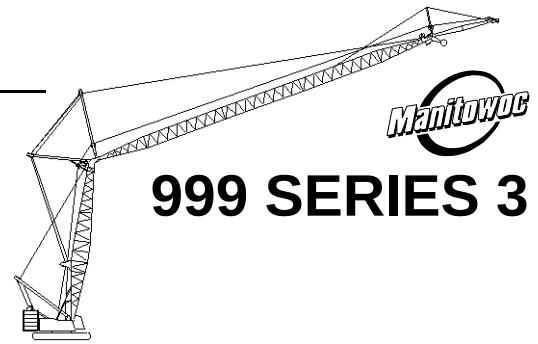
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	73.8	419.8	21,900*										85
90	72.5	418.2	21,600*										90
95	71.3	416.5	21,100*	72.9	418.3	25,700*							95
100	70.0	414.7	20,800*	71.6	416.6	24,900*							100
105	68.8	412.7	20,500*	70.4	414.7	24,600*							105
110	67.5	410.6	20,100*	69.1	412.8	24,100*							110
115	66.2	408.4	19,700*	67.8	410.7	23,300*							115
120	64.9	406.0	18,800*	66.5	408.5	22,400*	68.9	411.5	24,500*				120
125	63.6	403.5	18,000*	65.2	406.2	21,500*	67.6	409.5	24,400*				125
130	62.2	400.8	17,200*	63.9	403.7	20,700*	66.4	407.2	24,300*				130
135	60.9	398.0	16,400*	62.6	401.1	19,900*	65.0	404.9	24,100*				135
140	59.5	395.0	15,600*	61.2	398.3	19,000*	63.7	402.4	23,700*	66.2	405.4	21,400	140
145	58.1	391.9	14,900*	59.8	395.4	18,200*	62.4	399.7	23,000*	64.9	403.0	20,000	145
150	56.7	388.6	14,200*	58.5	392.3	17,400*	61.0	397.0	22,000	63.5	400.5	18,700	150
155	55.2	385.1	13,500*	57.0	389.0	16,600*	59.7	394.0	20,600	62.2	397.9	17,500	155
160	53.8	381.4	12,900*	55.6	385.6	15,900*	58.3	390.9	19,400	60.9	395.0	16,400	160
165	52.3	377.5	12,300*	54.2	382.0	15,100*	56.9	387.6	18,300	59.5	392.1	15,300	165
170	50.8	373.4	11,700*	52.7	378.1	14,400*	55.4	384.1	17,200	58.1	388.9	14,300	170
175	49.2	369.1	11,100*	51.1	374.1	13,800*	54.0	380.5	16,200	56.7	385.6	13,400	175
180	47.6	364.5	10,600*	49.6	369.8	13,100*	52.5	376.6	15,200	55.2	382.1	12,500	180
185	45.9	359.6	10,100*	48.0	365.3	12,500*	51.0	372.5	14,300	53.8	378.4	11,700	185
190	44.2	354.5	9,600*	46.4	360.5	11,900*	49.4	368.2	13,400	52.3	374.5	10,900	190
195	42.5	349.0	9,200*	44.7	355.4	11,400*	47.8	363.7	12,600	50.7	370.4	10,200	195
200	40.7	343.2	8,800*	43.0	350.0	10,900*	46.2	358.8	11,800	49.2	366.1	9,500	200
205	38.8	337.0	8,400*	41.2	344.3	10,400*	44.5	353.7	11,100	47.6	361.5	8,800	205
210	36.8	330.4	8,000*	39.3	338.2	9,900*	42.7	348.3	10,400	45.9	356.6	8,100	210
215	34.8	323.2	7,700*	37.3	331.7	9,500*	40.9	342.6	9,700	44.2	351.5	7,500	215
220	32.6	315.4	7,400*	35.3	324.7	9,100*	39.1	336.4	9,100	42.5	346.0	7,000	220
225	30.3	306.9	7,100*	33.2	317.0	8,700*	37.1	329.8	8,500	40.7	340.2	6,400	225
230	27.8	297.6	6,900*	30.9	308.8	8,300*	35.0	322.7	7,900	38.8	334.0	5,900	230
235	25.0	287.1	6,600*	28.4	299.6	8,000*	32.9	315.0	7,400	36.8	327.3	5,400	235
240	21.9	275.1	6,500*	25.7	289.5	7,700*	30.6	306.6	6,800	34.8	320.2	4,900	240
245	18.4	260.7	6,300*	22.8	277.9	7,500*	28.1	297.4	6,300	32.6	312.4	4,400	245
250	13.9	242.3	6,300*	19.3	264.3	7,300*	25.4	287.1	5,800				250
255	6.5	211.8	6,100*	15.1	247.2	7,100*	22.4	275.3	5,300				255
260				9.0	221.9	6,600	18.9	261.3	4,800				260
265							14.5	243.6	4,400				265



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

180 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	430.3	20,100*										85
90	73.3	428.8	20,100*										90
95	72.1	427.1	19,700*										95
100	70.9	425.3	19,400*	72.4	427.1	23,100*							100
105	69.6	423.5	19,200*	71.2	425.4	23,000*							105
110	68.4	421.5	19,000*	70.0	423.5	22,900*							110
115	67.2	419.3	18,600*	68.7	421.6	22,200*							115
120	65.9	417.1	18,100*	67.5	419.5	21,400*	69.8	422.3	22,700*				120
125	64.7	414.7	17,400*	66.3	417.3	20,700*	68.6	420.3	22,600*				125
130	63.4	412.2	16,600*	65.0	414.9	19,900*	67.4	418.2	22,500*				130
135	62.1	409.5	15,900*	63.7	412.4	19,100*	66.1	415.9	22,300*				135
140	60.8	406.7	15,200*	62.5	409.8	18,400*	64.9	413.6	22,200*				140
145	59.5	403.7	14,500*	61.2	407.0	17,600*	63.6	411.1	21,900*	65.9	414.1	19,500	145
150	58.2	400.6	13,800*	59.9	404.1	16,900*	62.3	408.4	21,200*	64.7	411.7	18,200	150
155	56.8	397.3	13,200*	58.5	401.0	16,200*	61.0	405.6	20,100	63.4	409.2	16,900	155
160	55.4	393.8	12,600*	57.2	397.7	15,500*	59.7	402.7	18,900	62.1	406.5	15,800	160
165	54.0	390.2	12,000*	55.8	394.3	14,800*	58.3	399.6	17,700	60.8	403.7	14,800	165
170	52.6	386.3	11,500*	54.4	390.7	14,200*	57.0	396.3	16,600	59.5	400.7	13,800	170
175	51.1	382.3	10,900*	53.0	386.9	13,500*	55.6	392.8	15,600	58.2	397.6	12,800	175
180	49.7	378.0	10,400*	51.5	382.9	12,900*	54.2	389.2	14,700	56.8	394.3	12,000	180
185	48.1	373.5	9,900*	50.0	378.7	12,400*	52.8	385.4	13,800	55.4	390.8	11,100	185
190	46.6	368.8	9,500*	48.5	374.3	11,800*	51.3	381.4	12,900	54.0	387.2	10,400	190
195	45.0	363.7	9,100*	47.0	369.6	11,300*	49.8	377.1	12,100	52.6	383.3	9,600	195
200	43.3	358.4	8,700*	45.4	364.6	10,800*	48.3	372.7	11,300	51.1	379.3	8,900	200
205	41.6	352.8	8,300*	43.7	359.4	10,300*	46.8	367.9	10,600	49.6	375.0	8,200	205
210	39.8	346.8	7,900*	42.0	353.8	9,800*	45.2	363.0	9,900	48.1	370.5	7,600	210
215	38.0	340.4	7,600*	40.3	347.9	9,400*	43.5	357.7	9,200	46.5	365.8	7,000	215
220	36.1	333.6	7,300*	38.5	341.7	9,000*	41.8	352.1	8,600	44.9	360.7	6,400	220
225	34.0	326.2	7,000*	36.6	334.9	8,700*	40.1	346.2	8,000	43.3	355.4	5,900	225
230	31.9	318.2	6,700*	34.6	327.7	8,300*	38.2	339.8	7,400	41.6	349.8	5,300	230
235	29.6	309.5	6,500*	32.5	319.9	7,900*	36.3	333.0	6,900	39.8	343.8	4,800	235
240	27.2	299.9	6,300*	30.2	311.4	7,600*	34.3	325.7	6,300	38.0	337.4	4,300	240
245	24.5	289.2	6,100*	27.8	302.1	7,400*	32.2	317.9	5,800				245
250	21.5	276.9	5,900*	25.2	291.6	7,100*	29.9	309.3	5,300				250
255	18.0	262.3	5,800*	22.3	279.8	6,700	27.5	299.8	4,800				255
260	13.6	243.5	5,800*	18.9	265.9	6,200	24.9	289.2	4,400				260
265	6.4	212.2	4,700*	14.8	248.4	5,700							265
270				8.8	222.6	5,200							270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

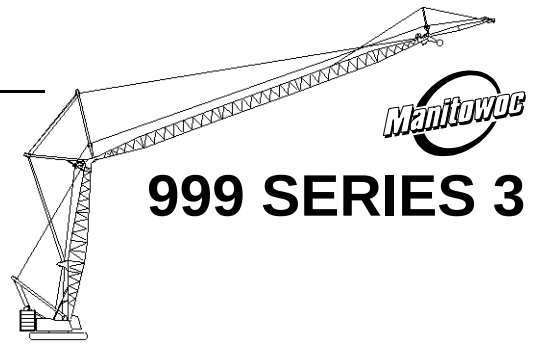
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

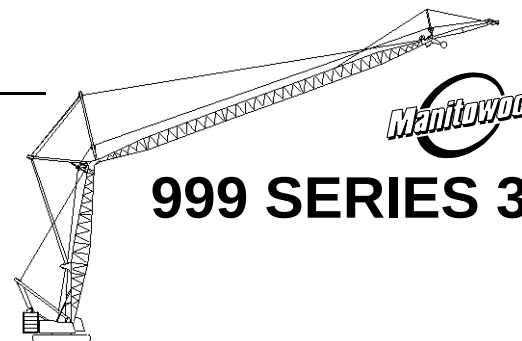
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.1	400.7	24,300*										80
85	72.8	399.1	23,500*										85
90	71.4	397.4	23,300*										90
95	70.0	395.5	23,100*	71.7	397.4	27,700*							95
100	68.6	393.5	22,800*	70.4	395.6	27,200*							100
105	67.2	391.3	22,500*	69.0	393.6	27,000*							105
110	65.8	389.0	22,000*	67.6	391.5	26,500*							110
115	64.4	386.6	21,400*	66.2	389.2	25,400*	68.8	392.3	27,000*				115
120	62.9	384.0	20,400*	64.8	386.8	24,400*	67.4	390.2	26,900*				120
125	61.5	381.2	19,400*	63.3	384.2	23,300*	66.0	387.9	26,800*				125
130	60.0	378.2	18,400*	61.8	381.5	22,300*	64.6	385.5	26,700*				130
135	58.5	375.1	17,500*	60.4	378.6	21,200*	63.1	382.9	26,500*	65.8	386.1	24,900	135
140	56.9	371.8	16,600*	58.8	375.5	20,200*	61.7	380.1	25,700*	64.4	383.6	23,400	140
145	55.3	368.3	15,700*	57.3	372.3	19,200*	60.2	377.2	24,700*	62.9	381.0	22,000	145
150	53.7	364.6	14,900*	55.7	368.8	18,300*	58.6	374.1	23,700*	61.4	378.2	20,700	150
155	52.1	360.6	14,100*	54.1	365.1	17,400*	57.1	370.8	22,500	60.0	375.3	19,400	155
160	50.4	356.4	13,400*	52.5	361.2	16,500*	55.5	367.3	21,300	58.4	372.1	18,300	160
165	48.7	352.0	12,700*	50.8	357.1	15,600*	53.9	363.6	20,100	56.9	368.8	17,200	165
170	46.9	347.2	12,000*	49.1	352.7	14,800*	52.3	359.7	19,000	55.3	365.3	16,200	170
175	45.1	342.2	11,400*	47.4	348.0	14,100*	50.6	355.5	18,000	53.7	361.6	15,300	175
180	43.2	336.8	10,800*	45.6	343.1	13,400*	48.9	351.1	17,000	52.1	357.6	14,400	180
185	41.2	331.0	10,300*	43.7	337.8	12,700*	47.1	346.4	16,100	50.4	353.4	13,500	185
190	39.2	324.9	9,800*	41.7	332.1	12,000*	45.3	341.4	15,200	48.7	349.0	12,800	190
195	37.0	318.2	9,300*	39.7	326.1	11,400*	43.4	336.1	14,400	46.9	344.2	12,000	195
200	34.8	311.0	8,800*	37.6	319.5	10,800*	41.5	330.4	13,600	45.1	339.2	11,300	200
205	32.4	303.1	8,400*	35.4	312.4	10,300*	39.5	324.2	12,900	43.2	333.8	10,600	205
210	29.8	294.3	8,100*	33.0	304.7	9,800*	37.3	317.6	12,200	41.2	328.0	10,000	210
215	27.0	284.6	7,700*	30.5	296.2	9,300*	35.1	310.5	11,500	39.2	321.8	9,300	215
220	23.8	273.4	7,500*	27.7	286.8	8,900*	32.7	302.7	10,900	37.0	315.2	8,800	220
225	20.2	260.3	7,200*	24.7	276.0	8,600*	30.1	294.1	10,200	34.8	307.9	8,200	225
230	15.7	243.6	7,100*	21.2	263.4	8,200*	27.3	284.5	9,600	32.3	300.0	7,600	230
235	9.0	218.2	7,000*	17.0	247.9	8,000*	24.2	273.5	9,100	29.8	291.3	7,100	235
240				11.2	225.9	7,800*	20.7	260.7	8,500	26.9	281.5	6,600	240
245							16.4	244.6	7,900	23.8	270.4	6,100	245
250							10.2	221.1	7,400	20.1	257.1	5,600	250
255										15.7	240.4	5,200	255
260										8.9	214.8	4,700	260



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.8	411.2	22,300*										80
85	73.5	409.6	22,300*										85
90	72.2	408.0	21,900*										90
95	70.9	406.2	21,700*	72.6	408.0	25,600*							95
100	69.6	404.3	21,500*	71.3	406.2	25,500*							100
105	68.3	402.2	21,200*	69.9	404.4	25,300*							105
110	66.9	400.0	20,900*	68.6	402.4	25,200*							110
115	65.6	397.7	20,500*	67.3	400.2	24,400*	69.8	403.1	25,200*				115
120	64.2	395.3	19,700*	65.9	397.9	23,400*	68.4	401.1	25,100*				120
125	62.8	392.6	18,800*	64.6	395.5	22,500*	67.1	398.9	25,100*				125
130	61.4	389.8	17,900*	63.2	392.9	21,600*	65.8	396.6	25,000*				130
135	60.0	386.9	17,000*	61.8	390.2	20,600*	64.4	394.1	24,900*	66.9	397.1	24,200	135
140	58.5	383.8	16,200*	60.3	387.3	19,700*	63.0	391.5	24,800*	65.6	394.8	22,700	140
145	57.0	380.5	15,400*	58.9	384.2	18,800*	61.6	388.8	23,900*	64.2	392.3	21,200	145
150	55.5	377.0	14,600*	57.4	380.9	17,900*	60.2	385.9	23,000*	62.8	389.7	19,900	150
155	54.0	373.3	13,900*	55.9	377.5	17,100*	58.7	382.8	21,900	61.4	386.9	18,700	155
160	52.5	369.4	13,200*	54.4	373.9	16,300*	57.2	379.5	20,600	60.0	383.9	17,600	160
165	50.9	365.3	12,500*	52.9	370.0	15,500*	55.7	376.0	19,400	58.5	380.8	16,500	165
170	49.2	360.9	11,900*	51.3	365.9	14,700*	54.2	372.4	18,400	57.0	377.5	15,500	170
175	47.5	356.3	11,300*	49.6	361.6	14,000*	52.7	368.5	17,300	55.5	374.0	14,600	175
180	45.8	351.4	10,800*	48.0	357.1	13,300*	51.1	364.4	16,400	54.0	370.3	13,700	180
185	44.0	346.1	10,200*	46.3	352.2	12,600*	49.4	360.1	15,500	52.4	366.4	12,900	185
190	42.2	340.6	9,700*	44.5	347.1	12,000*	47.8	355.5	14,600	50.8	362.3	12,100	190
195	40.3	334.6	9,200*	42.7	341.6	11,400*	46.0	350.6	13,800	49.2	357.9	11,300	195
200	38.3	328.2	8,800*	40.8	335.8	10,900*	44.3	345.4	13,000	47.5	353.3	10,600	200
205	36.2	321.4	8,400*	38.8	329.5	10,300*	42.4	339.9	12,300	45.8	348.4	9,900	205
210	34.0	313.9	8,000*	36.7	322.8	9,800*	40.5	334.0	11,600	44.0	343.1	9,300	210
215	31.6	305.8	7,700*	34.6	315.5	9,400*	38.5	327.7	10,900	42.2	337.6	8,700	215
220	29.1	296.9	7,400*	32.2	307.5	8,900*	36.5	320.9	10,200	40.3	331.6	8,100	220
225	26.3	286.8	7,100*	29.8	298.8	8,600*	34.3	313.5	9,600	38.3	325.2	7,500	225
230	23.3	275.4	6,800*	27.1	289.1	8,200*	31.9	305.5	9,000	36.2	318.4	7,000	230
235	19.7	261.9	6,700*	24.1	278.1	7,900*	29.4	296.6	8,500	34.0	310.9	6,500	235
240	15.3	244.8	6,500*	20.7	265.2	7,600*	26.7	286.8	7,900	31.6	302.8	6,000	240
245	8.8	218.9	6,500*	16.6	249.3	7,400*	23.7	275.5	7,400	29.1	293.8	5,500	245
250				10.9	226.8	7,300*	20.2	262.3	6,900	26.3	283.8	5,000	250
255							16.0	245.9	6,400	23.2	272.3	4,600	255
260							9.9	221.9	5,900	19.7	258.8	4,200	260

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

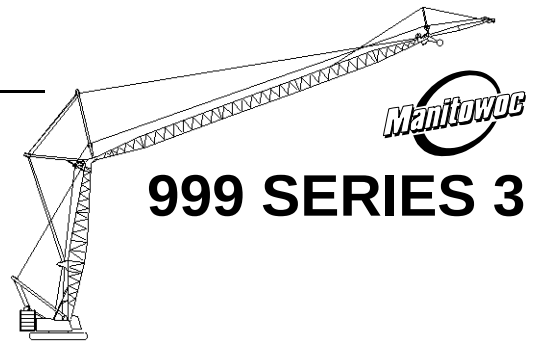
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

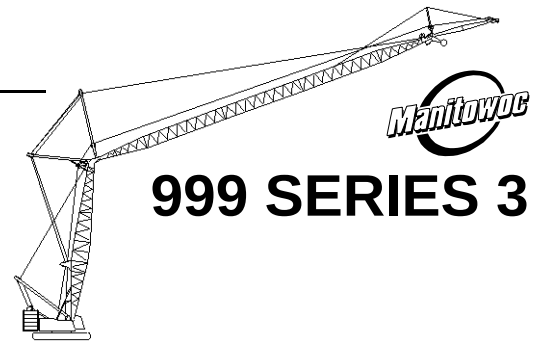
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.2	420.1	20,700*										85
90	73.0	418.5	20,700*										90
95	71.7	416.8	20,700*										95
100	70.5	415.0	20,200*	72.1	416.8	23,900*							100
105	69.2	413.0	20,000*	70.8	415.1	23,800*							105
110	67.9	411.0	19,800*	69.5	413.1	23,600*							110
115	66.7	408.8	19,400*	68.3	411.1	23,300*							115
120	65.3	406.4	19,000*	67.0	408.9	22,500*	69.4	411.9	23,600*				120
125	64.0	403.9	18,200*	65.7	406.6	21,700*	68.1	409.8	23,500*				125
130	62.7	401.3	17,400*	64.4	404.2	20,800*	66.8	407.6	23,400*				130
135	61.3	398.5	16,600*	63.0	401.6	20,000*	65.5	405.3	23,400*				135
140	60.0	395.6	15,800*	61.7	398.8	19,100*	64.2	402.8	23,200*	66.6	405.8	22,300	140
145	58.6	392.5	15,100*	60.3	395.9	18,300*	62.9	400.2	23,000*	65.3	403.4	20,900	145
150	57.2	389.2	14,300*	58.9	392.9	17,500*	61.5	397.4	22,200*	64.0	401.0	19,600	150
155	55.7	385.7	13,600*	57.5	389.6	16,700*	60.2	394.5	21,400*	62.7	398.3	18,400	155
160	54.3	382.1	13,000*	56.1	386.2	16,000*	58.8	391.4	20,200	61.3	395.5	17,200	160
165	52.8	378.2	12,400*	54.6	382.6	15,200*	57.4	388.2	19,100	60.0	392.6	16,200	165
170	51.3	374.1	11,800*	53.2	378.8	14,500*	55.9	384.7	18,000	58.6	389.5	15,200	170
175	49.7	369.9	11,200*	51.7	374.8	13,800*	54.5	381.1	17,000	57.2	386.2	14,200	175
180	48.1	365.3	10,700*	50.1	370.6	13,200*	53.0	377.3	16,000	55.7	382.7	13,300	180
185	46.5	360.5	10,100*	48.5	366.1	12,500*	51.5	373.3	15,100	54.3	379.1	12,500	185
190	44.8	355.4	9,700*	46.9	361.4	11,900*	49.9	369.0	14,200	52.8	375.2	11,700	190
195	43.0	350.0	9,200*	45.2	356.3	11,400*	48.3	364.5	13,400	51.2	371.2	11,000	195
200	41.2	344.3	8,800*	43.5	351.0	10,900*	46.7	359.7	12,600	49.7	366.9	10,300	200
205	39.4	338.1	8,300*	41.7	345.4	10,300*	45.0	354.7	11,900	48.1	362.3	9,600	205
210	37.4	331.6	8,000*	39.9	339.3	9,900*	43.3	349.3	11,200	46.5	357.5	8,900	210
215	35.4	324.5	7,600*	37.9	332.9	9,400*	41.5	343.6	10,500	44.8	352.4	8,300	215
220	33.2	316.8	7,300*	35.9	325.9	9,000*	39.6	337.5	9,900	43.0	347.0	7,800	220
225	30.9	308.5	7,000*	33.8	318.4	8,600*	37.7	331.0	9,300	41.2	341.3	7,200	225
230	28.5	299.3	6,700*	31.5	310.3	8,200*	35.7	324.0	8,700	39.4	335.1	6,700	230
235	25.8	289.0	6,500*	29.1	301.3	7,900*	33.5	316.4	8,100	37.4	328.5	6,100	235
240	22.8	277.3	6,300*	26.5	291.4	7,600*	31.2	308.2	7,600	35.4	321.5	5,700	240
245	19.3	263.5	6,100*	23.6	280.1	7,300*	28.8	299.1	7,100	33.2	313.8	5,200	245
250	15.0	246.1	6,100*	20.2	266.9	7,100*	26.1	289.0	6,600	30.9	305.5	4,700	250
255	8.6	219.5	6,100*	16.2	250.6	6,900*	23.2	277.5	6,100	28.4	296.3	4,300	255
260				10.6	227.6	6,800*	19.8	264.0	5,600				260
265							15.6	247.2	5,100				265
270							9.7	222.6	4,700				270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.9	430.5	19,800*										85
90	73.7	429.0	19,700*										90
95	72.5	427.4	19,100*										95
100	71.3	425.6	18,900*	72.8	427.4	22,300*							100
105	70.1	423.8	18,700*	71.6	425.7	22,200*							105
110	68.9	421.8	18,500*	70.4	423.9	22,100*							110
115	67.6	419.7	18,300*	69.2	421.9	21,900*							115
120	66.4	417.5	18,000*	68.0	419.8	21,400*							120
125	65.1	415.1	17,500*	66.7	417.6	20,700*	69.0	420.6	21,900*				125
130	63.9	412.6	16,700*	65.5	415.3	19,900*	67.8	418.5	21,800*				130
135	62.6	410.0	16,000*	64.2	412.8	19,200*	66.6	416.3	21,700*				135
140	61.3	407.2	15,300*	62.9	410.2	18,500*	65.3	414.0	21,600*				140
145	60.0	404.2	14,600*	61.6	407.5	17,700*	64.0	411.5	21,500*	66.4	414.5	20,200	145
150	58.6	401.1	13,900*	60.3	404.6	17,000*	62.8	408.9	21,300*	65.1	412.1	18,900	150
155	57.3	397.9	13,300*	59.0	401.5	16,300*	61.5	406.1	20,600*	63.9	409.6	17,700	155
160	55.9	394.4	12,700*	57.6	398.3	15,600*	60.1	403.2	19,600	62.6	407.0	16,500	160
165	54.5	390.8	12,100*	56.3	394.9	14,900*	58.8	400.1	18,500	61.3	404.2	15,500	165
170	53.1	387.0	11,500*	54.9	391.3	14,200*	57.5	396.9	17,400	60.0	401.3	14,500	170
175	51.6	383.0	11,000*	53.5	387.6	13,600*	56.1	393.4	16,300	58.6	398.2	13,600	175
180	50.1	378.8	10,500*	52.0	383.6	13,000*	54.7	389.9	15,400	57.3	394.9	12,700	180
185	48.6	374.3	10,000*	50.5	379.5	12,400*	53.3	386.1	14,500	55.9	391.4	11,800	185
190	47.1	369.6	9,500*	49.0	375.1	11,800*	51.8	382.1	13,600	54.5	387.8	11,100	190
195	45.5	364.6	9,100*	47.5	370.4	11,300*	50.3	377.9	12,800	53.1	384.0	10,300	195
200	43.8	359.4	8,700*	45.9	365.5	10,700*	48.8	373.5	12,000	51.6	380.0	9,600	200
205	42.1	353.8	8,300*	44.2	360.3	10,200*	47.3	368.8	11,300	50.1	375.8	8,900	205
210	40.4	347.9	7,900*	42.6	354.8	9,800*	45.7	363.9	10,600	48.6	371.3	8,300	210
215	38.5	341.6	7,500*	40.8	349.0	9,400*	44.0	358.6	9,900	47.1	366.6	7,700	215
220	36.6	334.8	7,200*	39.0	342.8	8,900*	42.3	353.1	9,300	45.5	361.6	7,100	220
225	34.6	327.5	6,900*	37.1	336.2	8,600*	40.6	347.2	8,700	43.8	356.4	6,600	225
230	32.5	319.7	6,600*	35.2	329.0	8,200*	38.8	341.0	8,100	42.1	350.8	6,000	230
235	30.3	311.1	6,400*	33.1	321.3	7,800*	36.9	334.3	7,500	40.3	344.9	5,500	235
240	27.9	301.7	6,100*	30.9	313.0	7,500*	34.9	327.1	7,000	38.5	338.5	5,000	240
245	25.2	291.2	5,900*	28.5	303.8	7,200*	32.8	319.3	6,500	36.6	331.8	4,600	245
250	22.3	279.2	5,800*	25.9	293.6	7,000*	30.6	310.8	6,000	34.6	324.5	4,100	250
255	18.9	265.1	5,700*	23.1	282.0	6,700*	28.2	301.5	5,500				255
260	14.7	247.3	5,600*	19.8	268.5	6,500*	25.6	291.2	5,100				260
265	8.4	220.1	5,600*	15.8	251.9	6,400*	22.7	279.4	4,600				265
270				10.4	228.4	5,900	19.3	265.6	4,200				270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

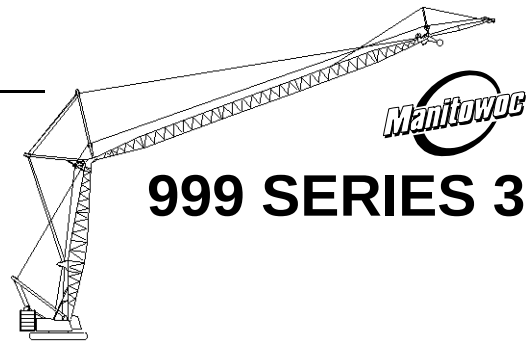
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

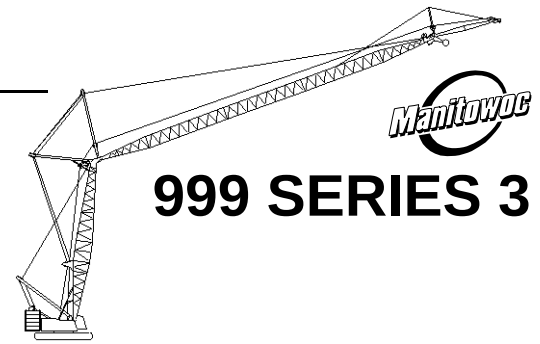
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

180 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.3	439.5	18,000*										90
95	73.2	437.9	17,800*										95
100	72.0	436.2	17,700*										100
105	70.9	434.5	17,700*	72.3	436.3	20,700*							105
110	69.7	432.6	17,400*	71.2	434.5	20,600*							110
115	68.5	430.6	17,200*	70.0	432.7	20,400*							115
120	67.4	428.4	17,000*	68.8	430.7	20,300*							120
125	66.2	426.2	16,700*	67.7	428.6	19,800*	69.9	431.4	20,300*				125
130	64.9	423.8	16,100*	66.5	426.3	19,100*	68.7	429.4	20,300*				130
135	63.7	421.3	15,500*	65.3	424.0	18,400*	67.5	427.3	20,200*				135
140	62.5	418.6	14,800*	64.0	421.5	17,800*	66.3	425.0	20,100*				140
145	61.2	415.8	14,200*	62.8	418.9	17,100*	65.1	422.7	20,000*				145
150	60.0	412.9	13,500*	61.6	416.1	16,400*	63.9	420.2	19,900*	66.1	423.2	18,300	150
155	58.7	409.8	13,000*	60.3	413.2	15,800*	62.6	417.5	19,700*	64.9	420.8	17,100	155
160	57.4	406.5	12,400*	59.0	410.2	15,100*	61.4	414.8	19,100*	63.7	418.3	16,000	160
165	56.1	403.1	11,800*	57.7	407.0	14,500*	60.1	411.8	17,900	62.5	415.6	14,900	165
170	54.7	399.5	11,300*	56.4	403.6	13,900*	58.9	408.8	16,800	61.2	412.9	13,900	170
175	53.4	395.8	10,800*	55.1	400.1	13,300*	57.6	405.5	15,800	60.0	409.9	13,000	175
180	52.0	391.8	10,300*	53.7	396.3	12,700*	56.2	402.1	14,900	58.7	406.8	12,100	180
185	50.6	387.7	9,800*	52.3	392.4	12,200*	54.9	398.6	13,900	57.4	403.6	11,300	185
190	49.1	383.3	9,400*	50.9	388.3	11,600*	53.5	394.8	13,100	56.1	400.2	10,500	190
195	47.6	378.7	8,900*	49.5	384.0	11,100*	52.2	390.9	12,300	54.7	396.6	9,800	195
200	46.1	373.8	8,500*	48.0	379.4	10,600*	50.7	386.8	11,500	53.3	392.8	9,100	200
205	44.5	368.7	8,200*	46.5	374.6	10,200*	49.3	382.4	10,800	52.0	388.8	8,400	205
210	42.9	363.2	7,800*	44.9	369.6	9,700*	47.8	377.8	10,100	50.5	384.7	7,800	210
215	41.3	357.5	7,500*	43.3	364.2	9,300*	46.3	373.0	9,400	49.1	380.3	7,200	215
220	39.5	351.4	7,100*	41.7	358.6	8,900*	44.7	367.9	8,800	47.6	375.7	6,600	220
225	37.8	344.9	6,800*	40.0	352.6	8,500*	43.1	362.5	8,200	46.1	370.8	6,000	225
230	35.9	338.0	6,500*	38.2	346.2	8,200*	41.5	356.8	7,600	44.5	365.7	5,500	230
235	33.9	330.5	6,300*	36.4	339.4	7,800*	39.8	350.8	7,000	42.9	360.2	5,000	235
240	31.9	322.5	6,000*	34.4	332.1	7,500*	38.0	344.3	6,500	41.2	354.5	4,500	240
245	29.7	313.7	5,800*	32.4	324.2	7,200*	36.1	337.5	6,000	39.5	348.4	4,000	245
250	27.3	304.1	5,600*	30.2	315.6	6,900*	34.2	330.1	5,500				250
255	24.7	293.3	5,500*	27.9	306.2	6,600*	32.1	322.1	5,000				255
260	21.8	281.1	5,300*	25.4	295.8	6,400*	29.9	313.4	4,600				260
265	18.5	266.6	5,200*	22.6	283.9	5,900	27.6	303.9	4,100				265
270	14.4	248.4	5,200*	19.4	270.1	5,400							270
275	8.2	220.8	4,400*	15.5	253.2	5,000							275
280				10.2	229.2	4,500							280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	411.2	20,200*										80
85	73.6	409.7	20,100*										85
90	72.3	408.0	20,000*										90
95	71.0	406.2	19,800*	72.6	408.0	23,200*							95
100	69.7	404.3	19,600*	71.3	406.3	23,000*							100
105	68.4	402.3	19,400*	70.0	404.4	22,900*							105
110	67.0	400.1	19,300*	68.7	402.4	22,800*							110
115	65.6	397.8	19,000*	67.3	400.2	22,600*	69.9	403.1	22,700*				115
120	64.3	395.3	18,900*	66.0	398.0	22,400*	68.5	401.1	22,600*				120
125	62.9	392.7	18,500*	64.6	395.5	22,100*	67.2	398.9	22,500*				125
130	61.5	389.9	17,600*	63.2	392.9	21,200*	65.8	396.6	22,400*				130
135	60.0	386.9	16,800*	61.8	390.2	20,300*	64.5	394.2	22,300*	67.0	397.1	22,000*	135
140	58.6	383.8	16,000*	60.4	387.3	19,400*	63.1	391.6	22,100*	65.6	394.8	22,000*	140
145	57.1	380.5	15,200*	59.0	384.2	18,500*	61.7	388.8	22,000*	64.3	392.3	21,900*	145
150	55.6	377.0	14,400*	57.5	381.0	17,600*	60.2	385.9	21,900*	62.9	389.7	20,600	150
155	54.1	373.4	13,700*	56.0	377.5	16,800*	58.8	382.8	21,300*	61.5	386.9	19,400	155
160	52.5	369.5	13,000*	54.5	373.9	16,000*	57.3	379.5	20,400*	60.0	384.0	18,300	160
165	50.9	365.3	12,300*	52.9	370.1	15,200*	55.8	376.1	19,600*	58.6	380.8	17,200	165
170	49.3	361.0	11,700*	51.3	366.0	14,400*	54.3	372.4	18,800*	57.1	377.5	16,200	170
175	47.6	356.3	11,100*	49.7	361.7	13,700*	52.7	368.5	18,000	55.6	374.1	15,300	175
180	45.9	351.4	10,500*	48.0	357.1	13,000*	51.1	364.4	17,000	54.1	370.4	14,400	180
185	44.1	346.2	9,900*	46.3	352.3	12,300*	49.5	360.1	16,100	52.5	366.5	13,600	185
190	42.3	340.6	9,400*	44.6	347.1	11,700*	47.8	355.5	15,300	50.9	362.3	12,800	190
195	40.4	334.7	9,000*	42.7	341.7	11,100*	46.1	350.6	14,500	49.3	358.0	12,000	195
200	38.4	328.3	8,500*	40.8	335.8	10,500*	44.3	345.4	13,700	47.6	353.3	11,300	200
205	36.3	321.4	8,100*	38.9	329.6	10,000*	42.5	339.9	12,900	45.9	348.4	10,600	205
210	34.1	314.0	7,700*	36.8	322.8	9,500*	40.6	334.0	12,200	44.1	343.2	10,000	210
215	31.7	305.9	7,400*	34.6	315.5	9,000*	38.6	327.7	11,600	42.2	337.6	9,400	215
220	29.2	296.9	7,000*	32.3	307.6	8,600*	36.5	320.9	10,900	40.3	331.7	8,800	220
225	26.4	286.9	6,700*	29.8	298.9	8,200*	34.3	313.6	10,300	38.3	325.3	8,200	225
230	23.4	275.5	6,500*	27.2	289.2	7,800*	32.0	305.5	9,700	36.2	318.4	7,700	230
235	19.8	262.0	6,300*	24.2	278.1	7,500*	29.5	296.7	9,200	34.0	311.0	7,200	235
240	15.4	245.0	6,100*	20.8	265.3	7,200*	26.8	286.8	8,600	31.7	302.8	6,700	240
245	8.9	219.1	6,100*	16.7	249.4	7,000*	23.8	275.6	8,100	29.2	293.9	6,200	245
250				11.0	227.0	6,800*	20.3	262.4	7,600	26.4	283.9	5,700	250
255							16.1	246.0	7,100	23.3	272.4	5,300	255
260							10.0	222.1	6,600	19.8	258.9	4,900	260
265										15.4	241.8	4,400	265
270										8.8	215.7	4,000	270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

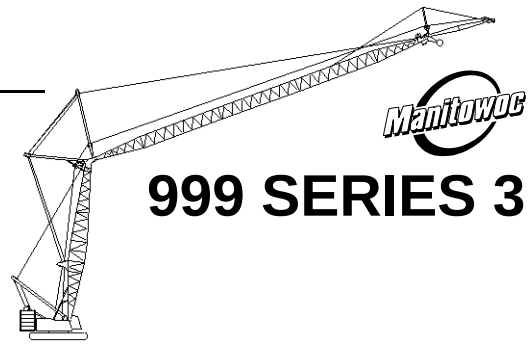
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

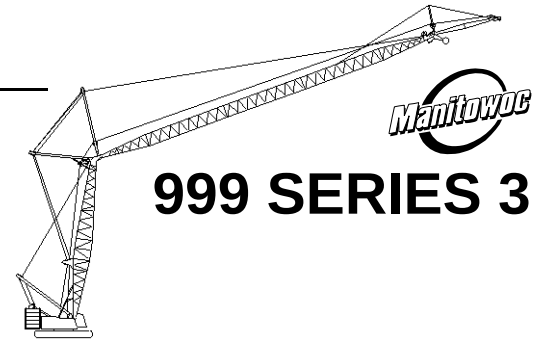
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.3	420.1	19,100*										85
90	73.1	418.5	19,000*										90
95	71.8	416.8	18,900*										95
100	70.6	415.0	18,700*	72.1	416.9	22,000*							100
105	69.3	413.1	18,700*	70.9	415.1	21,800*							105
110	68.0	411.0	18,400*	69.6	413.2	21,700*							110
115	66.7	408.8	18,200*	68.3	411.1	21,600*							115
120	65.4	406.4	18,000*	67.1	409.0	21,400*	69.5	411.9	21,500*				120
125	64.1	404.0	17,900*	65.8	406.6	21,200*	68.2	409.8	21,400*				125
130	62.8	401.3	17,100*	64.4	404.2	20,400*	66.9	407.7	21,400*				130
135	61.4	398.5	16,300*	63.1	401.6	19,600*	65.6	405.3	21,300*				135
140	60.0	395.6	15,600*	61.8	398.9	18,800*	64.3	402.9	21,200*	66.7	405.8	20,900*	140
145	58.7	392.5	14,800*	60.4	396.0	18,000*	62.9	400.2	21,100*	65.4	403.5	20,900*	145
150	57.2	389.2	14,100*	59.0	392.9	17,200*	61.6	397.5	21,000*	64.1	401.0	19,900	150
155	55.8	385.8	13,400*	57.6	389.7	16,500*	60.2	394.6	20,500*	62.8	398.4	18,700	155
160	54.3	382.1	12,800*	56.2	386.2	15,700*	58.8	391.5	19,600*	61.4	395.6	17,600	160
165	52.9	378.3	12,100*	54.7	382.6	15,000*	57.4	388.2	18,800*	60.0	392.6	16,500	165
170	51.3	374.2	11,500*	53.2	378.8	14,300*	56.0	384.8	18,100*	58.6	389.5	15,500	170
175	49.8	369.9	11,000*	51.7	374.8	13,600*	54.5	381.2	17,400*	57.2	386.2	14,600	175
180	48.2	365.4	10,400*	50.2	370.6	12,900*	53.0	377.3	16,400	55.8	382.8	13,700	180
185	46.5	360.6	9,900*	48.6	366.1	12,300*	51.5	373.3	15,500	54.3	379.1	12,900	185
190	44.9	355.5	9,400*	47.0	361.4	11,700*	50.0	369.0	14,600	52.8	375.3	12,100	190
195	43.1	350.1	8,900*	45.3	356.4	11,100*	48.4	364.5	13,800	51.3	371.2	11,300	195
200	41.3	344.3	8,500*	43.6	351.1	10,600*	46.8	359.8	13,100	49.8	366.9	10,600	200
205	39.5	338.2	8,100*	41.8	345.4	10,000*	45.1	354.7	12,300	48.2	362.4	10,000	205
210	37.5	331.6	7,700*	39.9	339.4	9,600*	43.3	349.3	11,600	46.5	357.6	9,300	210
215	35.5	324.5	7,300*	38.0	332.9	9,100*	41.6	343.6	10,900	44.8	352.5	8,700	215
220	33.3	316.9	7,000*	36.0	326.0	8,600*	39.7	337.6	10,300	43.1	347.1	8,100	220
225	31.0	308.6	6,700*	33.9	318.5	8,200*	37.8	331.1	9,700	41.3	341.3	7,600	225
230	28.5	299.4	6,400*	31.6	310.3	7,900*	35.7	324.1	9,100	39.4	335.2	7,100	230
235	25.8	289.1	6,200*	29.2	301.4	7,500*	33.6	316.5	8,600	37.5	328.6	6,500	235
240	22.8	277.4	6,000*	26.6	291.4	7,200*	31.3	308.2	8,000	35.4	321.5	6,000	240
245	19.4	263.6	5,800*	23.6	280.1	6,900*	28.9	299.2	7,500	33.3	313.9	5,600	245
250	15.1	246.2	5,700*	20.3	267.0	6,700*	26.2	289.1	7,000	31.0	305.5	5,100	250
255	8.7	219.7	5,700*	16.3	250.7	6,500*	23.2	277.6	6,500	28.5	296.3	4,700	255
260				10.8	227.8	6,400*	19.8	264.1	6,000	25.8	286.1	4,300	260
265							15.7	247.3	5,600				265
270							9.8	222.8	5,100				270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.9	430.6	18,100*										85
90	73.8	429.0	18,000*										90
95	72.6	427.4	17,900*										95
100	71.4	425.7	17,800*	72.9	427.4	20,800*							100
105	70.2	423.8	17,600*	71.7	425.7	20,700*							105
110	68.9	421.8	17,500*	70.5	423.9	20,600*							110
115	67.7	419.7	17,300*	69.2	421.9	20,500*							115
120	66.5	417.5	17,100*	68.0	419.9	20,400*							120
125	65.2	415.1	16,900*	66.8	417.7	20,200*	69.1	420.7	20,400*				125
130	63.9	412.6	16,600*	65.5	415.3	19,700*	67.9	418.6	20,300*				130
135	62.7	410.0	15,900*	64.3	412.9	19,000*	66.6	416.4	20,300*				135
140	61.4	407.2	15,200*	63.0	410.3	18,200*	65.4	414.0	20,200*				140
145	60.0	404.3	14,500*	61.7	407.5	17,500*	64.1	411.5	20,100*	66.4	414.5	19,800*	145
150	58.7	401.2	13,800*	60.4	404.6	16,800*	62.8	408.9	20,000*	65.2	412.2	19,600	150
155	57.4	397.9	13,200*	59.1	401.6	16,100*	61.5	406.1	19,900*	63.9	409.7	18,300	155
160	56.0	394.5	12,500*	57.7	398.3	15,400*	60.2	403.2	19,600*	62.6	407.0	17,200	160
165	54.6	390.8	11,900*	56.3	394.9	14,700*	58.9	400.1	18,900*	61.3	404.2	16,200	165
170	53.2	387.0	11,400*	54.9	391.4	14,000*	57.5	396.9	18,000	60.0	401.3	15,200	170
175	51.7	383.0	10,800*	53.5	387.6	13,400*	56.2	393.5	17,000	58.7	398.2	14,200	175
180	50.2	378.8	10,300*	52.1	383.7	12,800*	54.8	389.9	16,000	57.3	394.9	13,300	180
185	48.7	374.3	9,800*	50.6	379.5	12,200*	53.3	386.1	15,100	56.0	391.5	12,500	185
190	47.1	369.6	9,300*	49.1	375.1	11,600*	51.9	382.1	14,300	54.6	387.9	11,700	190
195	45.5	364.7	8,900*	47.5	370.5	11,000*	50.4	377.9	13,500	53.1	384.1	11,000	195
200	43.9	359.4	8,500*	46.0	365.6	10,500*	48.9	373.5	12,700	51.7	380.0	10,300	200
205	42.2	353.8	8,100*	44.3	360.4	10,000*	47.3	368.8	12,000	50.2	375.8	9,600	205
210	40.4	347.9	7,700*	42.6	354.9	9,600*	45.7	363.9	11,300	48.7	371.4	9,000	210
215	38.6	341.6	7,300*	40.9	349.1	9,100*	44.1	358.7	10,600	47.1	366.7	8,400	215
220	36.7	334.9	7,000*	39.1	342.8	8,700*	42.4	353.2	10,000	45.5	361.7	7,800	220
225	34.7	327.6	6,700*	37.2	336.2	8,300*	40.7	347.3	9,300	43.9	356.4	7,200	225
230	32.6	319.7	6,400*	35.2	329.1	7,900*	38.9	341.0	8,800	42.2	350.8	6,700	230
235	30.4	311.2	6,100*	33.1	321.4	7,600*	37.0	334.3	8,200	40.4	344.9	6,200	235
240	27.9	301.8	5,900*	30.9	313.0	7,200*	35.0	327.1	7,700	38.6	338.6	5,700	240
245	25.3	291.3	5,700*	28.6	303.9	6,900*	32.9	319.4	7,200	36.7	331.8	5,200	245
250	22.4	279.3	5,500*	26.0	293.7	6,700*	30.6	310.9	6,700	34.7	324.6	4,800	250
255	19.0	265.2	5,400*	23.1	282.1	6,400*	28.3	301.6	6,200	32.6	316.7	4,300	255
260	14.8	247.4	5,300*	19.9	268.6	6,200*	25.6	291.3	5,700				260
265	8.5	220.4	5,300*	15.9	252.0	6,100*	22.7	279.5	5,300				265
270				10.5	228.6	6,000*	19.4	265.7	4,800				270
275							15.4	248.5	4,400				275
280							9.6	223.6	4,000				280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

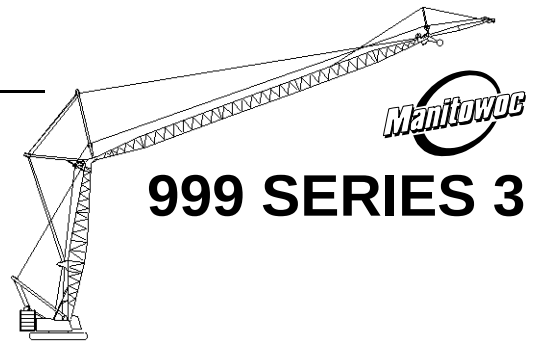
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

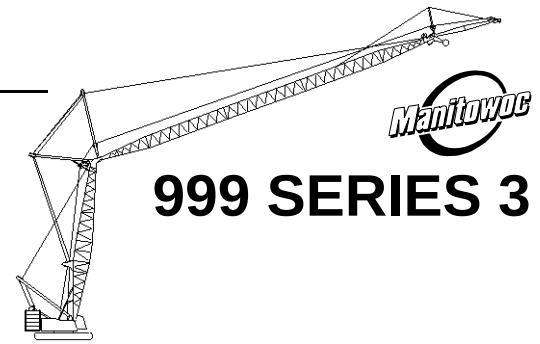
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.4	439.5	17,000*										90
95	73.3	437.9	16,900*										95
100	72.1	436.3	16,800*										100
105	70.9	434.5	16,600*	72.4	436.3	19,500*							105
110	69.8	432.6	16,500*	71.2	434.6	19,500*							110
115	68.6	430.6	16,300*	70.1	432.7	19,300*							115
120	67.4	428.5	16,300*	68.9	430.7	19,200*							120
125	66.2	426.2	16,000*	67.7	428.6	19,100*	69.9	431.4	19,200*				125
130	65.0	423.8	15,900*	66.5	426.4	18,800*	68.8	429.4	19,100*				130
135	63.8	421.3	15,300*	65.3	424.0	18,200*	67.6	427.3	19,100*				135
140	62.6	418.6	14,600*	64.1	421.5	17,500*	66.4	425.1	19,100*				140
145	61.3	415.9	14,000*	62.9	418.9	16,900*	65.2	422.7	19,000*				145
150	60.0	412.9	13,400*	61.6	416.2	16,200*	63.9	420.2	18,900*	66.2	423.2	18,600*	150
155	58.8	409.8	12,800*	60.4	413.3	15,600*	62.7	417.6	18,800*	65.0	420.9	17,600	155
160	57.5	406.6	12,200*	59.1	410.2	14,900*	61.5	414.8	18,700*	63.8	418.3	16,500	160
165	56.1	403.2	11,700*	57.8	407.0	14,300*	60.2	411.9	18,200*	62.5	415.7	15,500	165
170	54.8	399.6	11,100*	56.5	403.6	13,700*	58.9	408.8	17,400	61.3	412.9	14,500	170
175	53.4	395.8	10,600*	55.1	400.1	13,100*	57.6	405.6	16,400	60.0	409.9	13,500	175
180	52.0	391.9	10,100*	53.8	396.4	12,500*	56.3	402.2	15,400	58.7	406.9	12,700	180
185	50.6	387.7	9,600*	52.4	392.5	12,000*	55.0	398.6	14,500	57.4	403.6	11,800	185
190	49.2	383.3	9,200*	51.0	388.4	11,400*	53.6	394.9	13,600	56.1	400.2	11,100	190
195	47.7	378.7	8,800*	49.5	384.0	10,900*	52.2	390.9	12,800	54.8	396.6	10,300	195
200	46.2	373.8	8,400*	48.1	379.5	10,400*	50.8	386.8	12,100	53.4	392.8	9,600	200
205	44.6	368.7	8,000*	46.6	374.7	9,900*	49.4	382.5	11,300	52.0	388.9	8,900	205
210	43.0	363.3	7,600*	45.0	369.6	9,500*	47.9	377.9	10,600	50.6	384.7	8,300	210
215	41.3	357.5	7,200*	43.4	364.3	9,000*	46.4	373.0	10,000	49.2	380.3	7,700	215
220	39.6	351.4	6,900*	41.8	358.6	8,700*	44.8	368.0	9,300	47.7	375.7	7,100	220
225	37.8	345.0	6,600*	40.1	352.6	8,300*	43.2	362.6	8,700	46.1	370.8	6,600	225
230	36.0	338.0	6,300*	38.3	346.2	7,900*	41.5	356.9	8,200	44.6	365.7	6,100	230
235	34.0	330.6	6,100*	36.4	339.4	7,500*	39.8	350.8	7,600	43.0	360.3	5,500	235
240	31.9	322.5	5,800*	34.5	332.1	7,200*	38.1	344.4	7,100	41.3	354.5	5,100	240
245	29.7	313.8	5,600*	32.5	324.2	6,900*	36.2	337.5	6,600	39.6	348.4	4,600	245
250	27.4	304.1	5,400*	30.3	315.7	6,600*	34.3	330.1	6,100	37.8	341.9	4,100	250
255	24.8	293.4	5,200*	28.0	306.3	6,400*	32.2	322.2	5,600				255
260	21.9	281.1	5,100*	25.5	295.8	6,100*	30.0	313.5	5,100				260
265	18.6	266.7	4,900*	22.7	284.0	5,900*	27.7	304.0	4,700				265
270	14.5	248.6	4,900*	19.5	270.2	5,800*	25.1	293.4	4,300				270
275	8.3	221.0	4,900*	15.6	253.3	5,600*							275
280				10.3	229.4	5,100							280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

180 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.0	449.9	16,200*										90
95	73.9	448.4	15,900*										95
100	72.8	446.8	15,900*										100
105	71.7	445.1	15,700*										105
110	70.6	443.3	15,700*	72.0	445.2	18,300*							110
115	69.4	441.4	15,400*	70.8	443.4	18,200*							115
120	68.3	439.3	15,300*	69.7	441.5	18,100*							120
125	67.2	437.2	15,100*	68.6	439.5	18,000*							125
130	66.0	434.9	15,000*	67.4	437.3	17,800*	69.6	440.2	18,000*				130
135	64.8	432.5	14,700*	66.3	435.1	17,400*	68.4	438.2	18,000*				135
140	63.7	430.0	14,100*	65.1	432.7	16,800*	67.3	436.0	17,900*				140
145	62.5	427.3	13,600*	64.0	430.2	16,200*	66.1	433.8	17,800*				145
150	61.3	424.5	13,000*	62.8	427.6	15,700*	65.0	431.4	17,800*				150
155	60.0	421.6	12,400*	61.6	424.8	15,100*	63.8	428.9	17,700*	66.0	431.9	17,100	155
160	58.8	418.5	11,900*	60.4	421.9	14,500*	62.6	426.2	17,600*	64.8	429.5	16,000	160
165	57.6	415.3	11,400*	59.1	418.9	13,900*	61.4	423.5	17,500*	63.6	427.0	14,900	165
170	56.3	411.9	10,900*	57.9	415.7	13,400*	60.2	420.5	16,900	62.4	424.3	13,900	170
175	55.0	408.3	10,400*	56.6	412.3	12,800*	59.0	417.5	15,800	61.2	421.5	13,000	175
180	53.7	404.6	9,900*	55.3	408.8	12,300*	57.7	414.3	14,900	60.0	418.6	12,100	180
185	52.3	400.7	9,500*	54.0	405.1	11,800*	56.4	410.9	14,000	58.8	415.5	11,300	185
190	51.0	396.6	9,000*	52.7	401.3	11,200*	55.2	407.4	13,100	57.5	412.3	10,500	190
195	49.6	392.2	8,600*	51.3	397.2	10,800*	53.9	403.6	12,300	56.3	408.9	9,800	195
200	48.2	387.7	8,200*	50.0	393.0	10,300*	52.5	399.8	11,500	55.0	405.3	9,100	200
205	46.7	383.0	7,900*	48.5	388.5	9,800*	51.2	395.7	10,800	53.7	401.6	8,400	205
210	45.2	377.9	7,500*	47.1	383.8	9,400*	49.8	391.4	10,100	52.3	397.7	7,800	210
215	43.7	372.7	7,200*	45.6	378.8	9,000*	48.4	386.9	9,500	51.0	393.6	7,200	215
220	42.1	367.1	6,900*	44.1	373.6	8,600*	46.9	382.1	8,800	49.6	389.3	6,600	220
225	40.5	361.2	6,600*	42.5	368.1	8,200*	45.4	377.2	8,200	48.2	384.7	6,000	225
230	38.8	354.9	6,300*	40.9	362.3	7,800*	43.9	371.9	7,600	46.7	380.0	5,500	230
235	37.1	348.2	6,000*	39.3	356.1	7,500*	42.3	366.4	7,100	45.2	374.9	5,000	235
240	35.3	341.1	5,700*	37.5	349.6	7,200*	40.7	360.5	6,600	43.7	369.7	4,500	240
245	33.3	333.5	5,500*	35.7	342.6	6,900*	39.0	354.3	6,100	42.1	364.1	4,100	245
250	31.3	325.2	5,300*	33.8	335.1	6,600*	37.3	347.7	5,600				250
255	29.1	316.3	5,100*	31.8	327.0	6,300*	35.5	340.6	5,100				255
260	26.8	306.4	4,900*	29.7	318.2	6,100*	33.6	333.1	4,600				260
265	24.3	295.5	4,500*	27.4	308.6	5,900*	31.6	324.9	4,200				265
270	21.5	283.0	4,300*	25.0	298.0	5,600							270
275	18.2	268.2	4,300*	22.2	285.9	5,100							275
280	14.2	249.7	4,300*	19.1	271.8	4,700							280
285				15.3	254.5	4,200							285

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

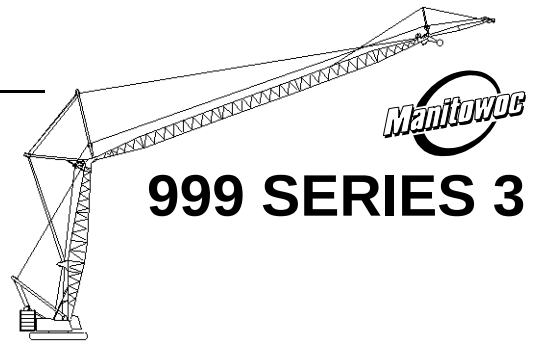
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

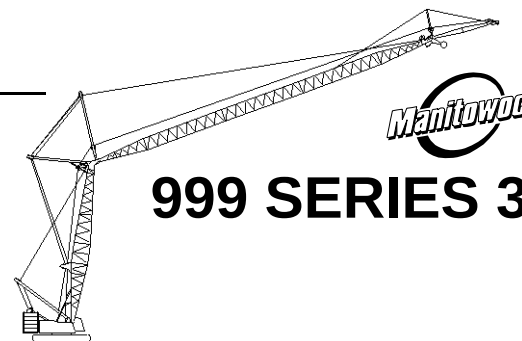
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

180 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.2	420.2	16,500*										85
90	73.0	418.6	16,400*										90
95	71.7	416.9	16,200*										95
100	70.5	415.1	16,100*	72.0	417.0	18,700*							100
105	69.2	413.2	15,900*	70.8	415.2	18,600*							105
110	67.9	411.1	15,800*	69.5	413.3	18,400*							110
115	66.6	408.9	15,600*	68.2	411.2	18,200*							115
120	65.3	406.5	15,400*	66.9	409.0	18,000*	69.3	412.0	18,200*				120
125	64.0	404.0	15,300*	65.6	406.7	17,800*	68.1	409.9	18,000*				125
130	62.7	401.4	15,100*	64.3	404.3	17,600*	66.8	407.7	17,800*				130
135	61.3	398.6	14,900*	63.0	401.7	17,400*	65.5	405.4	17,700*				135
140	59.9	395.7	14,700*	61.7	398.9	17,300*	64.2	402.9	17,400*	66.6	405.9	17,500*	140
145	58.6	392.6	14,600*	60.3	396.0	17,100*	62.8	400.3	17,300*	65.3	403.6	17,300*	145
150	57.1	389.3	14,000*	58.9	393.0	16,900*	61.5	397.6	17,100*	64.0	401.1	17,100*	150
155	55.7	385.8	13,300*	57.5	389.7	16,200*	60.1	394.6	16,900*	62.6	398.4	17,000*	155
160	54.2	382.2	12,600*	56.1	386.3	15,500*	58.7	391.6	16,700*	61.3	395.7	16,800*	160
165	52.8	378.3	12,000*	54.6	382.7	14,700*	57.3	388.3	16,600*	59.9	392.7	16,700*	165
170	51.2	374.3	11,400*	53.1	378.9	14,100*	55.9	384.9	16,400*	58.5	389.6	16,300	170
175	49.7	370.0	10,800*	51.6	374.9	13,400*	54.4	381.2	16,200*	57.1	386.3	15,400	175
180	48.1	365.5	10,300*	50.1	370.7	12,700*	52.9	377.4	16,000*	55.7	382.9	14,500	180
185	46.4	360.7	9,700*	48.5	366.2	12,100*	51.4	373.4	15,700*	54.2	379.2	13,700	185
190	44.8	355.6	9,200*	46.9	361.5	11,500*	49.9	369.1	15,000*	52.7	375.4	12,900	190
195	43.0	350.2	8,800*	45.2	356.5	10,900*	48.3	364.6	14,500*	51.2	371.3	12,200	195
200	41.2	344.4	8,300*	43.5	351.2	10,300*	46.7	359.9	13,900*	49.7	367.0	11,500	200
205	39.4	338.3	7,900*	41.7	345.5	9,800*	45.0	354.8	13,100	48.1	362.5	10,800	205
210	37.4	331.7	7,500*	39.8	339.5	9,300*	43.3	349.5	12,400	46.4	357.7	10,200	210
215	35.4	324.7	7,100*	37.9	333.0	8,800*	41.5	343.8	11,800	44.7	352.6	9,500	215
220	33.2	317.0	6,800*	35.9	326.1	8,400*	39.6	337.7	11,100	43.0	347.2	9,000	220
225	30.9	308.7	6,500*	33.8	318.6	8,000*	37.7	331.2	10,500	41.2	341.4	8,400	225
230	28.5	299.5	6,200*	31.5	310.5	7,600*	35.6	324.2	9,900	39.3	335.3	7,900	230
235	25.8	289.3	5,900*	29.1	301.5	7,200*	33.5	316.6	9,400	37.4	328.7	7,400	235
240	22.8	277.6	5,700*	26.5	291.6	6,900*	31.2	308.4	8,900	35.3	321.6	6,900	240
245	19.3	263.8	5,500*	23.6	280.3	6,600*	28.8	299.3	8,300	33.2	314.0	6,400	245
250	15.0	246.5	5,400*	20.2	267.2	6,400*	26.1	289.2	7,800	30.9	305.7	6,000	250
255	8.7	220.3	5,400*	16.2	251.0	6,200*	23.2	277.8	7,400	28.4	296.5	5,500	255
260				10.7	228.2	6,000*	19.8	264.3	6,900	25.7	286.2	5,100	260
265							15.7	247.6	6,400	22.7	274.5	4,700	265
270							9.8	223.3	5,900	19.3	260.7	4,300	270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

180 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.8	430.6	16,000*										85
90	73.7	429.1	15,800*										90
95	72.5	427.5	15,700*										95
100	71.3	425.8	15,600*	72.8	427.5	18,200*							100
105	70.1	423.9	15,500*	71.6	425.8	18,000*							105
110	68.8	421.9	15,300*	70.4	424.0	17,900*							110
115	67.6	419.8	15,100*	69.1	422.0	17,700*							115
120	66.4	417.6	15,000*	67.9	419.9	17,600*							120
125	65.1	415.2	14,800*	66.7	417.7	17,400*	69.0	420.7	17,500*				125
130	63.8	412.7	14,700*	65.4	415.4	17,200*	67.8	418.7	17,400*				130
135	62.6	410.1	14,500*	64.2	413.0	17,100*	66.5	416.4	17,200*				135
140	61.3	407.3	14,400*	62.9	410.3	16,900*	65.3	414.1	17,100*				140
145	59.9	404.3	14,300*	61.6	407.6	16,700*	64.0	411.6	16,900*	66.3	414.6	16,900*	145
150	58.6	401.2	13,600*	60.3	404.7	16,500*	62.7	409.0	16,800*	65.1	412.2	16,700*	150
155	57.3	398.0	13,000*	58.9	401.6	15,800*	61.4	406.2	16,600*	63.8	409.7	16,600*	155
160	55.9	394.5	12,400*	57.6	398.4	15,200*	60.1	403.3	16,500*	62.5	407.1	16,500*	160
165	54.5	390.9	11,800*	56.2	395.0	14,500*	58.8	400.2	16,300*	61.2	404.3	16,400*	165
170	53.1	387.1	11,200*	54.8	391.5	13,800*	57.4	397.0	16,200*	59.9	401.4	15,600	170
175	51.6	383.1	10,700*	53.4	387.7	13,200*	56.1	393.6	16,000*	58.6	398.3	14,700	175
180	50.1	378.9	10,200*	52.0	383.8	12,600*	54.7	390.0	15,700*	57.2	395.0	13,800	180
185	48.6	374.4	9,700*	50.5	379.6	12,000*	53.2	386.2	15,100*	55.9	391.6	13,000	185
190	47.0	369.7	9,200*	49.0	375.2	11,400*	51.8	382.2	14,500*	54.5	388.0	12,200	190
195	45.4	364.8	8,700*	47.4	370.6	10,900*	50.3	378.0	13,900*	53.0	384.1	11,500	195
200	43.8	359.5	8,300*	45.9	365.7	10,300*	48.8	373.6	13,200	51.6	380.1	10,800	200
205	42.1	354.0	7,900*	44.2	360.5	9,800*	47.2	368.9	12,500	50.1	375.9	10,100	205
210	40.3	348.0	7,500*	42.5	355.0	9,400*	45.7	364.0	11,800	48.6	371.5	9,500	210
215	38.5	341.7	7,200*	40.8	349.2	8,900*	44.0	358.8	11,100	47.0	366.8	8,900	215
220	36.6	335.0	6,800*	39.0	343.0	8,500*	42.3	353.3	10,500	45.4	361.8	8,300	220
225	34.6	327.7	6,500*	37.1	336.3	8,100*	40.6	347.4	9,900	43.8	356.5	7,800	225
230	32.5	319.9	6,200*	35.1	329.2	7,700*	38.8	341.1	9,300	42.1	351.0	7,200	230
235	30.3	311.3	5,900*	33.1	321.5	7,300*	36.9	334.4	8,800	40.3	345.0	6,700	235
240	27.9	301.9	5,700*	30.9	313.2	7,000*	34.9	327.2	8,200	38.5	338.7	6,200	240
245	25.2	291.4	5,500*	28.5	304.0	6,700*	32.8	319.5	7,700	36.6	332.0	5,800	245
250	22.3	279.5	5,300*	25.9	293.8	6,400*	30.6	311.0	7,200	34.6	324.7	5,300	250
255	18.9	265.4	5,100*	23.1	282.3	6,100*	28.2	301.8	6,800	32.5	316.8	4,900	255
260	14.7	247.7	5,000*	19.8	268.8	5,900*	25.6	291.4	6,300	30.2	308.3	4,500	260
265	8.5	220.9	5,000*	15.9	252.3	5,700*	22.7	279.7	5,900	27.8	298.9	4,100	265
270				10.5	229.0	5,600*	19.4	265.9	5,400				270
275							15.3	248.8	5,000				275
280							9.6	224.0	4,500				280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

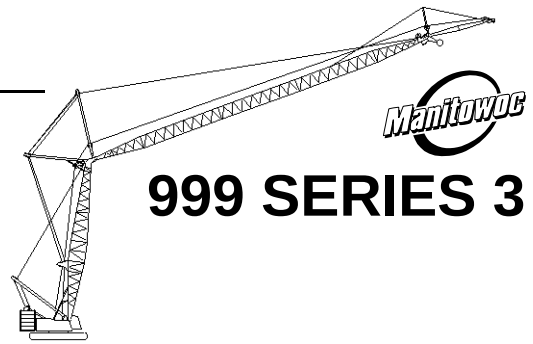
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

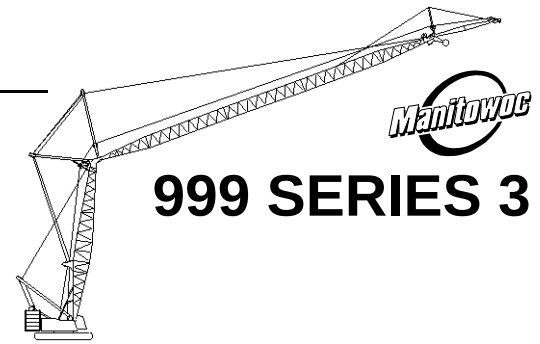
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

180 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.3	439.6	15,300*										90
95	73.2	438.0	15,200*										95
100	72.0	436.4	15,000*										100
105	70.8	434.6	14,900*	72.3	436.4	17,400*							105
110	69.7	432.7	14,800*	71.1	434.6	17,300*							110
115	68.5	430.7	14,700*	70.0	432.8	17,200*							115
120	67.3	428.5	14,500*	68.8	430.8	17,000*							120
125	66.1	426.3	14,400*	67.6	428.7	16,900*	69.8	431.5	16,900*				125
130	64.9	423.9	14,200*	66.4	426.5	16,800*	68.7	429.5	16,800*				130
135	63.7	421.4	14,100*	65.2	424.1	16,600*	67.5	427.4	16,700*				135
140	62.5	418.7	14,000*	64.0	421.6	16,500*	66.3	425.1	16,600*				140
145	61.2	415.9	13,800*	62.8	419.0	16,300*	65.1	422.8	16,500*				145
150	59.9	413.0	13,300*	61.5	416.3	16,000*	63.8	420.3	16,300*	66.1	423.3	16,300*	150
155	58.7	409.9	12,700*	60.3	413.4	15,400*	62.6	417.6	16,200*	64.9	420.9	16,200*	155
160	57.4	406.7	12,100*	59.0	410.3	14,800*	61.4	414.9	16,100*	63.7	418.4	16,100*	160
165	56.0	403.3	11,600*	57.7	407.1	14,200*	60.1	412.0	16,000*	62.4	415.8	15,900*	165
170	54.7	399.7	11,100*	56.4	403.7	13,600*	58.8	408.9	15,800*	61.2	413.0	15,300	170
175	53.3	395.9	10,500*	55.0	400.2	13,000*	57.5	405.7	15,700*	59.9	410.0	14,300	175
180	51.9	391.9	10,100*	53.7	396.5	12,400*	56.2	402.3	15,600*	58.6	406.9	13,500	180
185	50.5	387.8	9,600*	52.3	392.6	11,900*	54.9	398.7	15,300	57.3	403.7	12,600	185
190	49.1	383.4	9,100*	50.9	388.5	11,300*	53.5	395.0	14,400	56.0	400.3	11,900	190
195	47.6	378.8	8,700*	49.4	384.1	10,800*	52.1	391.0	13,600	54.7	396.7	11,100	195
200	46.1	373.9	8,300*	48.0	379.6	10,300*	50.7	386.9	12,900	53.3	392.9	10,400	200
205	44.5	368.8	7,900*	46.5	374.8	9,800*	49.3	382.6	12,100	51.9	389.0	9,800	205
210	42.9	363.4	7,500*	44.9	369.7	9,400*	47.8	378.0	11,400	50.5	384.8	9,100	210
215	41.2	357.7	7,100*	43.3	364.4	8,900*	46.3	373.1	10,800	49.1	380.4	8,500	215
220	39.5	351.6	6,800*	41.7	358.7	8,500*	44.7	368.1	10,100	47.6	375.8	7,900	220
225	37.7	345.1	6,500*	40.0	352.7	8,100*	43.1	362.7	9,500	46.1	370.9	7,400	225
230	35.9	338.1	6,200*	38.2	346.4	7,700*	41.5	357.0	9,000	44.5	365.8	6,900	230
235	33.9	330.7	5,900*	36.4	339.5	7,400*	39.7	350.9	8,400	42.9	360.4	6,400	235
240	31.9	322.7	5,700*	34.4	332.2	7,000*	38.0	344.5	7,900	41.2	354.6	5,900	240
245	29.7	313.9	5,400*	32.4	324.4	6,700*	36.1	337.6	7,400	39.5	348.6	5,400	245
250	27.3	304.3	5,200*	30.2	315.8	6,400*	34.2	330.3	6,900	37.7	342.1	5,000	250
255	24.7	293.6	5,000*	27.9	306.4	6,200*	32.1	322.3	6,400	35.9	335.1	4,500	255
260	21.8	281.3	4,900*	25.4	296.0	5,900*	29.9	313.6	6,000	33.9	327.7	4,100	260
265	18.5	267.0	4,700*	22.6	284.2	5,700*	27.6	304.1	5,500				265
270	14.4	248.9	4,700*	19.4	270.5	5,500*	25.1	293.6	5,100				270
275	8.4	221.6	4,700*	15.6	253.6	5,400*	22.2	281.6	4,700				275
280				10.3	229.9	5,300*	19.0	267.5	4,300				280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

180 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.9	450.0	14,600*										90
95	73.8	448.5	14,500*										95
100	72.7	446.9	14,400*										100
105	71.6	445.2	14,300*	73.0	446.9	16,800*							105
110	70.5	443.4	14,200*	71.9	445.2	16,800*							110
115	69.3	441.5	14,100*	70.7	443.4	16,500*							115
120	68.2	439.4	14,000*	69.6	441.6	16,400*							120
125	67.1	437.3	13,800*	68.5	439.5	16,300*							125
130	65.9	435.0	13,700*	67.3	437.4	16,200*	69.5	440.3	16,200*				130
135	64.7	432.6	13,600*	66.2	435.2	16,000*	68.3	438.3	16,100*				135
140	63.6	430.1	13,400*	65.0	432.8	15,900*	67.2	436.1	16,000*				140
145	62.4	427.4	13,300*	63.9	430.3	15,800*	66.0	433.9	15,900*				145
150	61.2	424.6	12,900*	62.7	427.7	15,500*	64.9	431.5	15,800*				150
155	59.9	421.7	12,300*	61.5	424.9	14,900*	63.7	429.0	15,700*	65.9	432.0	15,600*	155
160	58.7	418.6	11,800*	60.3	422.0	14,300*	62.5	426.3	15,700*	64.7	429.6	15,600*	160
165	57.5	415.3	11,300*	59.0	419.0	13,800*	61.3	423.5	15,600*	63.5	427.1	15,500*	165
170	56.2	412.0	10,800*	57.8	415.8	13,200*	60.1	420.6	15,500*	62.4	424.4	14,600	170
175	54.9	408.4	10,300*	56.5	412.4	12,700*	58.9	417.6	15,300*	61.2	421.6	13,700	175
180	53.6	404.7	9,800*	55.2	408.9	12,200*	57.6	414.3	15,200*	59.9	418.7	12,800	180
185	52.3	400.8	9,400*	53.9	405.2	11,600*	56.4	411.0	14,700	58.7	415.6	12,000	185
190	50.9	396.7	9,000*	52.6	401.4	11,100*	55.1	407.4	13,800	57.4	412.4	11,200	190
195	49.5	392.3	8,600*	51.2	397.3	10,600*	53.8	403.7	13,000	56.2	409.0	10,500	195
200	48.1	387.8	8,200*	49.9	393.1	10,200*	52.4	399.8	12,200	54.9	405.4	9,800	200
205	46.6	383.1	7,800*	48.5	388.6	9,700*	51.1	395.8	11,500	53.6	401.7	9,100	205
210	45.2	378.0	7,400*	47.0	383.9	9,300*	49.7	391.5	10,800	52.2	397.8	8,500	210
215	43.6	372.8	7,100*	45.5	378.9	8,800*	48.3	387.0	10,200	50.9	393.7	7,900	215
220	42.1	367.2	6,800*	44.0	373.7	8,400*	46.8	382.2	9,500	49.5	389.4	7,300	220
225	40.4	361.3	6,400*	42.5	368.2	8,100*	45.3	377.3	8,900	48.1	384.8	6,700	225
230	38.7	355.0	6,100*	40.8	362.4	7,700*	43.8	372.0	8,400	46.6	380.1	6,200	230
235	37.0	348.4	5,900*	39.2	356.2	7,400*	42.3	366.5	7,800	45.1	375.0	5,700	235
240	35.2	341.2	5,600*	37.4	349.7	7,000*	40.6	360.6	7,300	43.6	369.8	5,200	240
245	33.3	333.6	5,400*	35.6	342.7	6,700*	39.0	354.4	6,800	42.0	364.2	4,800	245
250	31.2	325.4	5,100*	33.8	335.2	6,400*	37.2	347.8	6,300	40.4	358.3	4,300	250
255	29.1	316.4	4,900*	31.8	327.1	6,200*	35.4	340.8	5,800				255
260	26.8	306.6	4,800*	29.6	318.4	5,900*	33.5	333.2	5,400				260
265	24.2	295.6	4,600*	27.4	308.8	5,700*	31.5	325.0	4,900				265
270	21.4	283.2	4,100*	24.9	298.1	5,500*	29.4	316.2	4,500				270
275	18.1	268.5	4,000*	22.2	286.1	5,300*	27.1	306.5	4,100				275
280	14.1	250.0	4,000*	19.0	272.1	5,100*							280
285	8.2	222.2	4,000*	15.3	254.8	5,000*							285
290				10.1	230.6	4,600							290

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

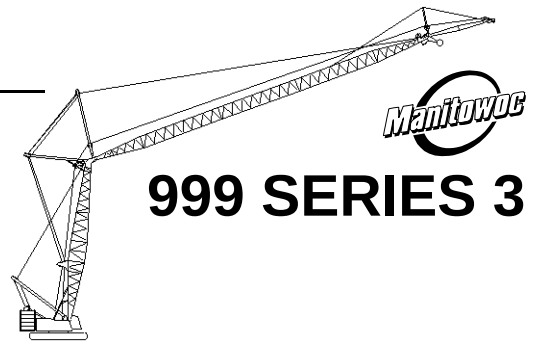
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

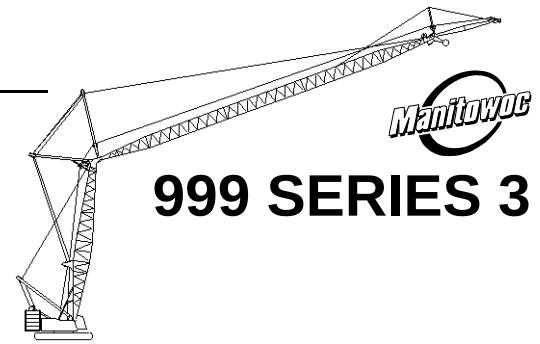
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

180 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.4	459.0	13,800*										95
100	73.3	457.4	13,800*										100
105	72.3	455.8	13,700*										105
110	71.2	454.0	13,600*	72.5	455.8	15,800*							110
115	70.1	452.2	13,500*	71.5	454.1	15,700*							115
120	69.0	450.2	13,300*	70.4	452.3	15,700*							120
125	67.9	448.2	13,300*	69.3	450.3	15,600*							125
130	66.8	446.0	13,100*	68.2	448.3	15,500*							130
135	65.7	443.7	13,000*	67.1	446.1	15,400*	69.2	449.1	15,400*				135
140	64.6	441.3	12,900*	66.0	443.9	15,200*	68.1	447.0	15,300*				140
145	63.4	438.7	12,800*	64.9	441.5	15,100*	67.0	444.8	15,300*				145
150	62.3	436.1	12,500*	63.7	439.0	14,900*	65.8	442.6	15,200*				150
155	61.1	433.3	12,000*	62.6	436.3	14,400*	64.7	440.2	15,100*	66.8	443.0	14,900*	155
160	59.9	430.3	11,500*	61.4	433.6	13,900*	63.6	437.6	15,100*	65.7	440.7	14,900*	160
165	58.8	427.2	11,000*	60.2	430.7	13,400*	62.4	435.0	15,000*	64.6	438.3	14,800*	165
170	57.6	424.0	10,500*	59.1	427.6	12,900*	61.3	432.2	14,900*	63.4	435.8	14,000	170
175	56.3	420.7	10,100*	57.9	424.5	12,400*	60.1	429.3	14,800*	62.3	433.1	13,100	175
180	55.1	417.1	9,600*	56.6	421.1	11,900*	58.9	426.2	14,700*	61.1	430.3	12,200	180
185	53.8	413.4	9,200*	55.4	417.6	11,400*	57.7	423.0	14,100	59.9	427.4	11,400	185
190	52.5	409.6	8,800*	54.2	414.0	10,900*	56.5	419.7	13,300	58.7	424.3	10,600	190
195	51.2	405.5	8,400*	52.9	410.2	10,500*	55.3	416.2	12,500	57.5	421.1	9,900	195
200	49.9	401.3	8,000*	51.6	406.1	10,000*	54.0	412.5	11,700	56.3	417.7	9,200	200
205	48.6	396.8	7,700*	50.3	401.9	9,600*	52.7	408.6	11,000	55.1	414.1	8,500	205
210	47.2	392.1	7,300*	48.9	397.5	9,200*	51.4	404.6	10,300	53.8	410.4	7,900	210
215	45.8	387.2	7,000*	47.5	392.9	8,800*	50.1	400.4	9,600	52.5	406.6	7,300	215
220	44.3	382.1	6,700*	46.1	388.1	8,400*	48.7	396.0	9,000	51.2	402.5	6,700	220
225	42.8	376.6	6,400*	44.7	383.0	8,000*	47.3	391.3	8,400	49.9	398.3	6,200	225
230	41.3	370.9	6,100*	43.2	377.6	7,700*	45.9	386.4	7,800	48.5	393.8	5,700	230
235	39.7	364.8	5,800*	41.7	372.0	7,300*	44.5	381.3	7,300	47.2	389.1	5,200	235
240	38.0	358.4	5,600*	40.1	366.0	7,000*	43.0	375.9	6,800	45.7	384.2	4,700	240
245	36.3	351.6	5,300*	38.4	359.7	6,700*	41.5	370.2	6,300	44.3	379.1	4,200	245
250	34.5	344.3	4,800*	36.7	352.9	6,400*	39.9	364.2	5,800				250
255	32.6	336.5	4,500*	35.0	345.8	6,100*	38.2	357.8	5,300				255
260	30.6	328.1	4,200*	33.1	338.1	5,900*	36.5	351.0	4,900				260
265	28.5	318.9	4,000*	31.2	329.9	5,700*	34.7	343.8	4,400				265
270				29.1	320.9	5,400*	32.9	336.1	4,000				270
275				26.8	311.1	5,200*							275
280				24.4	300.2	5,000*							280
285				21.7	287.9	4,500							285
290				18.7	273.6	4,100							290



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

180 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.6	430.7	13,300*										85
90	73.4	429.2	13,200*										90
95	72.2	427.6	13,000*										95
100	71.0	425.8	12,800*	72.5	427.6	15,000*							100
105	69.8	424.0	12,700*	71.3	425.9	14,800*							105
110	68.6	422.0	12,500*	70.1	424.1	14,600*							110
115	67.3	419.9	12,400*	68.9	422.1	14,400*							115
120	66.1	417.7	12,200*	67.7	420.0	14,300*	69.9	422.8	14,400*				120
125	64.8	415.3	12,000*	66.4	417.8	14,100*	68.7	420.8	14,200*				125
130	63.6	412.8	11,900*	65.2	415.5	13,900*	67.5	418.7	14,100*				130
135	62.3	410.2	11,700*	63.9	413.0	13,700*	66.3	416.5	13,900*				135
140	61.0	407.4	11,600*	62.6	410.4	13,500*	65.0	414.2	13,700*				140
145	59.7	404.4	11,400*	61.3	407.7	13,400*	63.7	411.7	13,500*	66.1	414.7	13,600*	145
150	58.4	401.3	11,300*	60.0	404.8	13,200*	62.5	409.1	13,400*	64.8	412.3	13,400*	150
155	57.0	398.1	11,100*	58.7	401.7	13,000*	61.2	406.3	13,200*	63.6	409.8	13,400*	155
160	55.6	394.6	11,000*	57.3	398.5	12,800*	59.9	403.4	13,000*	62.3	407.2	13,100*	160
165	54.2	391.0	10,900*	56.0	395.1	12,700*	58.5	400.3	12,900*	61.0	404.4	13,000*	165
170	52.8	387.2	10,700*	54.6	391.6	12,500*	57.2	397.1	12,700*	59.7	401.5	12,800*	170
175	51.3	383.2	10,500*	53.2	387.8	12,400*	55.8	393.7	12,500*	58.3	398.4	12,700*	175
180	49.9	379.0	10,000*	51.7	383.9	12,200*	54.4	390.1	12,400*	57.0	395.1	12,500*	180
185	48.3	374.6	9,500*	50.2	379.7	11,700*	53.0	386.3	12,200*	55.6	391.7	12,400*	185
190	46.8	369.9	9,000*	48.7	375.3	11,200*	51.5	382.3	12,100*	54.2	388.1	12,200*	190
195	45.2	364.9	8,500*	47.2	370.7	10,600*	50.1	378.1	11,900*	52.8	384.2	12,100*	195
200	43.6	359.6	8,100*	45.6	365.8	10,100*	48.5	373.7	11,800*	51.3	380.2	11,400*	200
205	41.9	354.1	7,700*	44.0	360.6	9,600*	47.0	369.0	11,600*	49.8	376.0	10,700*	205
210	40.1	348.2	7,300*	42.3	355.1	9,100*	45.4	364.1	11,500*	48.3	371.6	10,100*	210
215	38.3	341.9	6,900*	40.6	349.3	8,600*	43.8	358.9	11,300*	46.8	366.9	9,500*	215
220	36.4	335.1	6,600*	38.7	343.1	8,200*	42.1	353.4	11,100*	45.2	361.9	8,900*	220
225	34.4	327.9	6,300*	36.9	336.5	7,800*	40.3	347.5	10,500*	43.5	356.6	8,400*	225
230	32.3	320.0	6,000*	34.9	329.3	7,400*	38.5	341.3	9,900*	41.8	351.1	7,800*	230
235	30.0	311.5	5,700*	32.8	321.7	7,000*	36.6	334.6	9,400*	40.1	345.1	7,300*	235
240	27.6	302.1	5,400*	30.6	313.3	6,700*	34.6	327.4	8,800*	38.3	338.8	6,800*	240
245	25.0	291.6	5,200*	28.3	304.2	6,400*	32.5	319.6	8,300*	36.4	332.1	6,400*	245
250	22.1	279.7	5,000*	25.7	294.0	6,100*	30.3	311.2	7,800*	34.4	324.8	5,900*	250
255	18.7	265.7	4,800*	22.8	282.5	5,800*	27.9	301.9	7,400*	32.2	317.0	5,500*	255
260	14.5	248.0	4,700*	19.6	269.1	5,600*	25.3	291.6	6,900*	30.0	308.5	5,100*	260
265	8.4	221.5	4,700*	15.7	252.6	5,400*	22.5	279.9	6,500*	27.6	299.1	4,700*	265
270				10.3	229.5	5,300*	19.1	266.2	6,000*	25.0	288.6	4,300*	270
275							15.1	249.1	5,600*				275
280							9.4	224.6	5,200*				280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

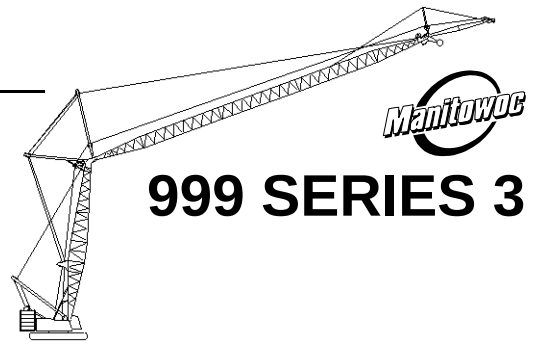
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

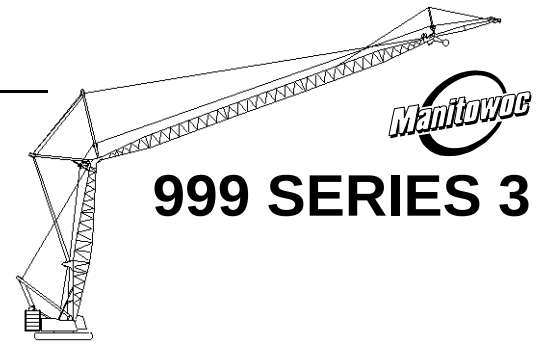
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

180 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.0	439.7	12,900*										90
95	72.9	438.1	12,800*										95
100	71.8	436.4	12,600*										100
105	70.6	434.7	12,500*	72.0	436.5	14,500*							105
110	69.4	432.8	12,300*	70.9	434.7	14,400*							110
115	68.3	430.8	12,200*	69.7	432.8	14,200*							115
120	67.1	428.6	12,000*	68.6	430.9	14,000*							120
125	65.9	426.4	11,900*	67.4	428.8	13,800*	69.6	431.6	14,000*				125
130	64.7	424.0	11,700*	66.2	426.5	13,700*	68.4	429.6	13,800*				130
135	63.4	421.5	11,600*	65.0	424.2	13,500*	67.2	427.5	13,700*				135
140	62.2	418.8	11,400*	63.8	421.7	13,400*	66.0	425.2	13,500*				140
145	61.0	416.0	11,300*	62.5	419.1	13,200*	64.8	422.9	13,300*				145
150	59.7	413.1	11,200*	61.3	416.3	13,000*	63.6	420.4	13,200*	65.9	423.4	13,200*	150
155	58.4	410.0	11,000*	60.0	413.4	12,900*	62.4	417.7	13,100*	64.6	421.0	13,100*	155
160	57.1	406.8	10,900*	58.7	410.4	12,700*	61.1	415.0	12,900*	63.4	418.5	13,000*	160
165	55.8	403.4	10,800*	57.4	407.2	12,600*	59.9	412.0	12,700*	62.2	415.9	12,800*	165
170	54.5	399.8	10,600*	56.1	403.8	12,400*	58.6	409.0	12,600*	60.9	413.1	12,700*	170
175	53.1	396.0	10,300*	54.8	400.3	12,300*	57.3	405.8	12,400*	59.7	410.1	12,600*	175
180	51.7	392.0	9,800*	53.4	396.6	12,100*	56.0	402.4	12,300*	58.4	407.0	12,400*	180
185	50.3	387.9	9,400*	52.1	392.7	11,600*	54.6	398.8	12,100*	57.1	403.8	12,400*	185
190	48.8	383.5	8,900*	50.6	388.6	11,100*	53.3	395.1	12,000*	55.8	400.4	12,100	190
195	47.4	378.9	8,500*	49.2	384.2	10,600*	51.9	391.1	11,800*	54.4	396.8	11,400	195
200	45.8	374.1	8,100*	47.7	379.7	10,100*	50.5	387.0	11,700*	53.1	393.0	10,700	200
205	44.3	368.9	7,700*	46.2	374.9	9,600*	49.0	382.7	11,600*	51.7	389.1	10,000	205
210	42.7	363.5	7,300*	44.7	369.8	9,100*	47.5	378.1	11,400*	50.3	384.9	9,400	210
215	41.0	357.8	6,900*	43.1	364.5	8,700*	46.0	373.3	11,100	48.8	380.5	8,800	215
220	39.3	351.7	6,600*	41.4	358.9	8,300*	44.5	368.2	10,500	47.3	375.9	8,200	220
225	37.5	345.2	6,300*	39.7	352.9	7,900*	42.9	362.8	9,900	45.8	371.1	7,700	225
230	35.6	338.3	6,000*	38.0	346.5	7,500*	41.2	357.1	9,300	44.3	365.9	7,200	230
235	33.7	330.8	5,700*	36.1	339.7	7,100*	39.5	351.1	8,700	42.6	360.5	6,700	235
240	31.6	322.8	5,400*	34.2	332.4	6,800*	37.7	344.6	8,200	41.0	354.8	6,200	240
245	29.4	314.1	5,200*	32.2	324.5	6,500*	35.9	337.8	7,700	39.3	348.7	5,700	245
250	27.1	304.5	5,000*	30.0	316.0	6,200*	33.9	330.4	7,200	37.5	342.2	5,300	250
255	24.5	293.8	4,800*	27.7	306.6	5,900*	31.9	322.4	6,800	35.6	335.3	4,900	255
260	21.6	281.6	4,600*	25.2	296.2	5,600*	29.7	313.8	6,300	33.7	327.8	4,500	260
265	18.3	267.2	4,500*	22.4	284.4	5,400*	27.4	304.3	5,900	31.6	319.8	4,100	265
270	14.2	249.2	4,400*	19.2	270.7	5,200*	24.8	293.8	5,500				270
275	8.2	222.2	4,400*	15.4	253.9	5,100*	22.0	281.8	5,000				275
280				10.1	230.3	5,000*	18.8	267.8	4,600				280
285							14.8	250.4	4,200				285



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

180 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.6	450.1	12,500*										90
95	73.5	448.6	12,400*										95
100	72.4	447.0	12,300*										100
105	71.3	445.3	12,200*	72.7	447.0	14,200*							105
110	70.2	443.5	12,100*	71.6	445.3	14,100*							110
115	69.1	441.5	11,900*	70.5	443.5	13,900*							115
120	68.0	439.5	11,800*	69.4	441.6	13,800*							120
125	66.8	437.3	11,600*	68.2	439.6	13,600*							125
130	65.7	435.1	11,500*	67.1	437.5	13,500*	69.2	440.4	13,600*				130
135	64.5	432.7	11,400*	66.0	435.3	13,300*	68.1	438.3	13,400*				135
140	63.3	430.1	11,200*	64.8	432.9	13,200*	67.0	436.2	13,300*				140
145	62.1	427.5	11,100*	63.6	430.4	13,000*	65.8	433.9	13,100*				145
150	60.9	424.7	11,000*	62.4	427.8	12,900*	64.6	431.6	13,000*	66.8	434.4	13,000*	150
155	59.7	421.8	10,900*	61.2	425.0	12,700*	63.5	429.0	12,900*	65.6	432.1	12,900*	155
160	58.5	418.7	10,800*	60.0	422.1	12,600*	62.3	426.4	12,700*	64.5	429.7	12,800*	160
165	57.2	415.4	10,700*	58.8	419.1	12,400*	61.1	423.6	12,600*	63.3	427.2	12,600*	165
170	56.0	412.1	10,600*	57.5	415.9	12,300*	59.9	420.7	12,400*	62.1	424.5	12,600*	170
175	54.7	408.5	10,200*	56.3	412.5	12,200*	58.6	417.6	12,300*	60.9	421.7	12,400*	175
180	53.4	404.8	9,700*	55.0	409.0	11,900*	57.4	414.4	12,200*	59.7	418.8	12,300*	180
185	52.0	400.9	9,300*	53.7	405.3	11,400*	56.1	411.1	12,000*	58.5	415.7	12,200*	185
190	50.7	396.8	8,800*	52.4	401.5	10,900*	54.8	407.5	11,900*	57.2	412.5	11,700	190
195	49.3	392.4	8,400*	51.0	397.4	10,400*	53.5	403.8	11,800*	55.9	409.1	11,000	195
200	47.9	387.9	8,000*	49.6	393.2	10,000*	52.2	399.9	11,600*	54.7	405.5	10,300	200
205	46.4	383.2	7,600*	48.2	388.7	9,500*	50.8	395.9	11,500*	53.3	401.8	9,600	205
210	44.9	378.2	7,300*	46.8	384.0	9,100*	49.5	391.6	11,400*	52.0	397.9	9,000	210
215	43.4	372.9	6,900*	45.3	379.0	8,700*	48.0	387.1	10,700	50.6	393.8	8,400	215
220	41.8	367.3	6,600*	43.8	373.8	8,300*	46.6	382.4	10,100	49.3	389.5	7,900	220
225	40.2	361.4	6,300*	42.2	368.3	7,900*	45.1	377.4	9,500	47.8	384.9	7,300	225
230	38.5	355.1	6,000*	40.6	362.5	7,500*	43.6	372.1	8,900	46.4	380.2	6,800	230
235	36.8	348.5	5,700*	39.0	356.4	7,200*	42.0	366.6	8,400	44.9	375.2	6,300	235
240	34.9	341.4	5,400*	37.2	349.8	6,800*	40.4	360.7	7,800	43.4	369.9	5,800	240
245	33.0	333.8	5,200*	35.4	342.8	6,500*	38.7	354.5	7,300	41.8	364.3	5,400	245
250	31.0	325.5	5,000*	33.5	335.3	6,200*	37.0	347.9	6,900	40.2	358.4	4,900	250
255	28.9	316.6	4,800*	31.5	327.3	5,900*	35.2	340.9	6,400	38.5	352.1	4,500	255
260	26.5	306.8	4,600*	29.4	318.5	5,700*	33.3	333.3	5,900	36.8	345.5	4,100	260
265		295.8	4,100*	27.1	309.0	5,400*	31.3	325.2	5,500				265
270				24.7	298.3	5,200*	29.1	316.4	5,100				270
275				21.9	286.3	5,000*	26.8	306.7	4,700				275
280				18.8	272.3	4,900*	24.4	295.9	4,300				280
285				15.1	255.1	4,700*							285
290				9.9	231.1	4,700*							290

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

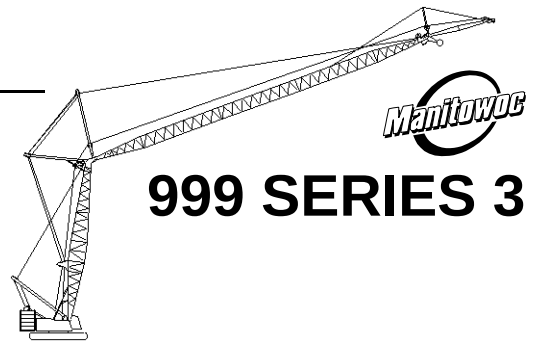
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

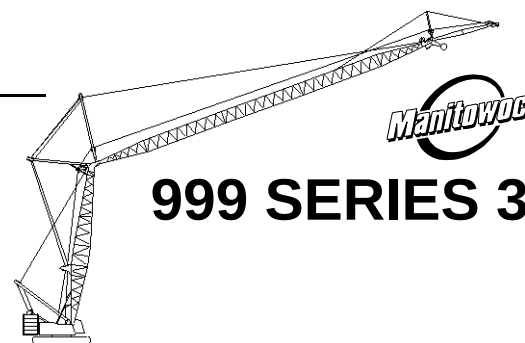
180 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.1	459.0	12,000*										95
100	73.1	457.5	12,000*										100
105	72.0	455.9	11,900*										105
110	70.9	454.1	11,700*	72.3	455.9	13,700*							110
115	69.9	452.3	11,600*	71.2	454.2	13,600*							115
120	68.8	450.3	11,500*	70.1	452.3	13,400*							120
125	67.7	448.2	11,400*	69.1	450.4	13,300*							125
130	66.6	446.1	11,300*	68.0	448.4	13,200*							130
135	65.5	443.8	11,100*	66.9	446.2	13,000*	68.9	449.1	13,100*				135
140	64.3	441.4	11,000*	65.7	444.0	12,900*	67.8	447.1	13,000*				140
145	63.2	438.8	10,900*	64.6	441.6	12,800*	66.7	444.9	12,900*				145
150	62.1	436.1	10,800*	63.5	439.1	12,700*	65.6	442.6	12,800*				150
155	60.9	433.3	10,700*	62.3	436.4	12,500*	64.5	440.2	12,600*	66.6	443.1	12,600*	155
160	59.7	430.4	10,600*	61.2	433.7	12,400*	63.3	437.7	12,500*	65.5	440.8	12,500*	160
165	58.5	427.3	10,500*	60.0	430.8	12,200*	62.2	435.1	12,400*	64.3	438.4	12,400*	165
170	57.3	424.1	10,400*	58.8	427.7	12,100*	61.0	432.3	12,300*	63.2	435.8	12,300*	170
175	56.1	420.8	9,900*	57.6	424.5	12,000*	59.9	429.4	12,100*	62.0	433.2	12,200*	175
180	54.9	417.2	9,500*	56.4	421.2	11,600*	58.7	426.3	12,000*	60.9	430.4	12,100*	180
185	53.6	413.5	9,000*	55.2	417.7	11,200*	57.5	423.1	11,900*	59.7	427.4	11,800*	185
190	52.3	409.7	8,600*	53.9	414.1	10,700*	56.3	419.8	11,800*	58.5	424.4	11,100	190
195	51.0	405.6	8,300*	52.6	410.3	10,300*	55.0	416.3	11,600*	57.3	421.1	10,300	195
200	49.7	401.4	7,900*	51.4	406.2	9,800*	53.8	412.6	11,500*	56.1	417.8	9,600	200
205	48.3	396.9	7,500*	50.0	402.1	9,400*	52.5	408.7	11,400*	54.8	414.2	9,000	205
210	46.9	392.2	7,200*	48.7	397.7	9,000*	51.2	404.7	10,700	53.6	410.5	8,400	210
215	45.5	387.3	6,900*	47.3	393.0	8,600*	49.9	400.5	10,100	52.3	406.7	7,800	215
220	44.1	382.2	6,500*	45.9	388.2	8,200*	48.5	396.1	9,500	51.0	402.6	7,200	220
225	42.6	376.7	6,200*	44.4	383.1	7,800*	47.1	391.4	8,900	49.7	398.4	6,700	225
230	41.0	371.0	5,900*	43.0	377.7	7,500*	45.7	386.5	8,300	48.3	393.9	6,100	230
235	39.4	365.0	5,700*	41.4	372.1	7,200*	44.3	381.4	7,800	46.9	389.2	5,600	235
240	37.8	358.5	5,400*	39.9	366.1	6,800*	42.8	376.0	7,200	45.5	384.3	5,200	240
245	36.1	351.7	5,200*	38.2	359.8	6,500*	41.2	370.3	6,700	44.1	379.2	4,700	245
250	34.3	344.4	4,900*	36.5	353.1	6,200*	39.6	364.3	6,300	42.6	373.7	4,300	250
255	32.4	336.6	4,300*	34.8	345.9	6,000*	38.0	357.9	5,800				255
260	30.4	328.2	4,000*	32.9	338.3	5,700*	36.3	351.2	5,300				260
265				30.9	330.0	5,400*	34.5	344.0	4,900				265
270				28.9	321.1	5,200*	32.7	336.2	4,500				270
275				26.6	311.3	5,000*	30.7	327.9	4,100				275
280				24.2	300.4	4,800*							280
285				21.5	288.2	4,400*							285
290				18.5	273.9	4,200*							290
295				14.8	256.4	4,100*							295

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

180 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.7	469.5	11,600*							95
100	73.7	468.0	11,600*							100
105	72.7	466.4	11,400*							105
110	71.6	464.7	11,400*	72.9	466.4	13,200*				110
115	70.6	462.9	11,300*	71.9	464.7	13,100*				115
120	69.5	461.1	11,200*	70.9	463.0	13,000*				120
125	68.5	459.1	11,100*	69.8	461.1	12,900*				125
130	67.4	457.0	11,000*	68.8	459.2	12,800*				130
135	66.4	454.8	10,900*	67.7	457.1	12,700*	69.7	459.9	12,700*	135
140	65.3	452.5	10,800*	66.6	454.9	12,600*	68.6	457.9	12,600*	140
145	64.2	450.0	10,700*	65.6	452.7	12,500*	67.6	455.8	12,600*	145
150	63.1	447.5	10,600*	64.5	450.3	12,400*	66.5	453.6	12,500*	150
155	62.0	444.8	10,500*	63.4	447.7	12,200*	65.4	451.3	12,400*	155
160	60.9	442.0	10,300*	62.3	445.1	12,100*	64.3	448.9	12,200*	160
165	59.7	439.1	10,200*	61.1	442.3	12,100*	63.2	446.4	12,100*	165
170	58.6	436.0	10,100*	60.0	439.4	11,900*	62.1	443.7	12,000*	170
175	57.4	432.8	9,600*	58.9	436.4	11,800*	61.0	440.9	12,000*	175
180	56.2	429.5	9,200*	57.7	433.2	11,300*	59.9	438.0	11,800*	180
185	55.0	425.9	8,800*	56.5	429.9	10,900*	58.7	435.0	11,700*	185
190	53.8	422.3	8,500*	55.4	426.4	10,500*	57.6	431.8	11,600*	190
195	52.6	418.5	8,100*	54.1	422.8	10,100*	56.4	428.5	11,500*	195
200	51.3	414.4	7,700*	52.9	419.0	9,700*	55.2	425.0	11,400*	200
205	50.1	410.3	7,400*	51.7	415.1	9,300*	54.0	421.3	10,900	205
210	48.8	405.9	7,100*	50.4	410.9	8,900*	52.8	417.5	10,200	210
215	47.4	401.3	6,800*	49.1	406.6	8,500*	51.5	413.5	9,600	215
220	46.1	396.5	6,500*	47.8	402.1	8,100*	50.2	409.4	8,900	220
225	44.7	391.4	6,200*	46.4	397.3	7,800*	48.9	405.0	8,300	225
230	43.3	386.1	5,900*	45.0	392.3	7,400*	47.6	400.4	7,800	230
235	41.8	380.5	5,600*	43.6	387.1	7,100*	46.3	395.7	7,200	235
240	40.3	374.6	5,000*	42.2	381.6	6,800*	44.9	390.6	6,700	240
245	38.7	368.4	4,700*	40.7	375.8	6,500*	43.4	385.4	6,200	245
250	37.1	361.9	4,300*	39.1	369.6	6,200*	42.0	379.8	5,700	250
255	35.4	354.9	4,000*	37.5	363.2	6,000*	40.5	374.0	5,300	255
260				35.9	356.3	5,700*	38.9	367.8	4,800	260
265				34.1	349.0	5,400*	37.3	361.3	4,400	265
270				32.3	341.1	5,200*	35.6	354.4	4,000	270
275				30.4	332.7	4,600*				275
280				28.4	323.6	4,300*				280
285				26.2	313.6	4,100*				285

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

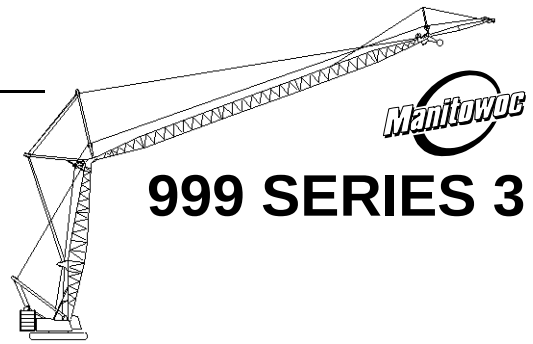
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

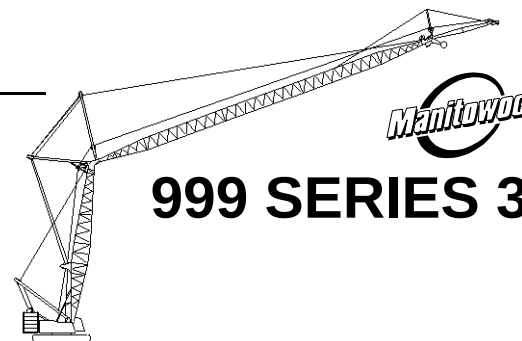
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.5	392.8	28,500*										70
75	73.1	391.3	28,100*										75
80	71.6	389.6	27,800*										80
85	70.1	387.8	27,200*	72.1	389.7	32,800*							85
90	68.6	385.9	26,700*	70.6	388.0	32,400*							90
95	67.0	383.8	26,000*	69.1	386.1	31,300*							95
100	65.5	381.5	25,300*	67.5	384.0	30,000*							100
105	63.9	379.1	24,100*	66.0	381.8	28,700*	69.0	385.0	32,100*				105
110	62.3	376.5	22,800*	64.4	379.5	27,400*	67.5	382.9	31,900*				110
115	60.7	373.7	21,600*	62.8	376.9	26,200*	65.9	380.7	31,600*				115
120	59.1	370.7	20,500*	61.2	374.2	24,900*	64.4	378.3	31,100*				120
125	57.4	367.5	19,400*	59.6	371.3	23,700*	62.8	375.8	29,900*	65.9	379.0	27,200	125
130	55.7	364.2	18,400*	57.9	368.2	22,500*	61.2	373.0	28,700*	64.3	376.7	25,400	130
135	53.9	360.5	17,400*	56.2	364.8	21,400*	59.6	370.1	27,400*	62.7	374.1	23,800	135
140	52.1	356.7	16,500*	54.5	361.3	20,300*	57.9	367.0	25,900	61.1	371.4	22,300	140
145	50.3	352.6	15,600*	52.7	357.5	19,200*	56.2	363.7	24,400	59.5	368.4	20,900	145
150	48.4	348.2	14,800*	50.9	353.5	18,200*	54.5	360.2	23,000	57.8	365.3	19,700	150
155	46.5	343.5	14,100*	49.1	349.2	17,300*	52.7	356.4	21,700	56.1	362.0	18,500	155
160	44.5	338.5	13,300*	47.1	344.7	16,400*	50.9	352.4	20,500	54.4	358.4	17,300	160
165	42.4	333.1	12,600*	45.2	339.7	15,500*	49.0	348.1	19,300	52.6	354.7	16,300	165
170	40.3	327.3	12,000*	43.1	334.5	14,700*	47.1	343.5	18,200	50.8	350.6	15,300	170
175	38.0	321.0	11,400*	41.0	328.8	14,000*	45.1	338.6	17,200	48.9	346.3	14,400	175
180	35.6	314.2	10,900*	38.7	322.7	13,300*	43.1	333.3	16,300	47.0	341.7	13,500	180
185	33.0	306.7	10,400*	36.4	316.0	12,600*	40.9	327.6	15,400	45.0	336.8	12,700	185
190	30.3	298.4	10,000*	33.9	308.8	12,000*	38.7	321.5	14,500	43.0	331.5	11,900	190
195	27.3	289.1	9,600*	31.2	300.8	11,500*	36.3	314.8	13,700	40.8	325.8	11,200	195
200	24.0	278.4	9,300*	28.3	291.8	11,000*	33.8	307.5	12,900	38.6	319.7	10,500	200
205	20.1	265.6	9,000*	25.1	281.6	10,600*	31.2	299.5	12,200	36.2	313.0	9,800	205
210	15.3	249.4	8,800*	21.4	269.6	10,200*	28.3	290.5	11,500	33.7	305.7	9,200	210
215	7.9	223.6	8,800*	17.0	254.8	9,900*	25.0	280.3	10,800	31.1	297.6	8,600	215
220				10.9	233.6	9,800*	21.4	268.2	10,100	28.1	288.6	8,000	220
225							16.9	253.3	9,500	24.9	278.3	7,400	225
230							10.7	232.0	8,900	21.2	266.2	6,900	230
235										16.7	251.1	6,300	235
240										10.4	229.3	5,800	240



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	73.9	401.7	26,200*										75
80	72.5	400.2	26,000*										80
85	71.1	398.5	25,600*	72.9	400.3	31,000*							85
90	69.6	396.6	25,100*	71.5	398.6	30,200*							90
95	68.2	394.6	24,600*	70.1	396.8	29,800*							95
100	66.7	392.5	24,000*	68.6	394.9	28,700*							100
105	65.2	390.2	23,200*	67.2	392.8	27,500*							105
110	63.7	387.7	22,100*	65.7	390.5	26,400*	68.6	393.7	29,700*				110
115	62.2	385.1	21,000*	64.2	388.1	25,200*	67.2	391.7	29,500*				115
120	60.7	382.3	19,900*	62.7	385.6	24,100*	65.7	389.4	29,200*				120
125	59.1	379.4	18,900*	61.2	382.8	23,000*	64.2	387.0	28,600*				125
130	57.5	376.2	18,000*	59.6	379.9	21,900*	62.7	384.4	27,600*	65.6	387.7	24,700	130
135	55.9	372.9	17,000*	58.0	376.8	20,800*	61.1	381.7	26,500*	64.1	385.3	23,100	135
140	54.2	369.3	16,200*	56.4	373.5	19,800*	59.6	378.8	25,200	62.6	382.8	21,600	140
145	52.5	365.5	15,300*	54.8	370.0	18,800*	58.0	375.7	23,700	61.1	380.0	20,200	145
150	50.8	361.5	14,600*	53.1	366.3	17,900*	56.4	372.4	22,300	59.5	377.1	18,900	150
155	49.0	357.2	13,800*	51.4	362.4	17,000*	54.7	368.9	21,000	57.9	374.0	17,700	155
160	47.2	352.6	13,100*	49.6	358.2	16,100*	53.1	365.2	19,800	56.3	370.7	16,600	160
165	45.3	347.7	12,500*	47.8	353.7	15,300*	51.3	361.2	18,700	54.7	367.2	15,600	165
170	43.4	342.5	11,900*	45.9	348.9	14,600*	49.6	357.0	17,600	53.0	363.4	14,600	170
175	41.4	336.9	11,300*	44.0	343.8	13,900*	47.8	352.5	16,600	51.3	359.5	13,700	175
180	39.2	330.9	10,800*	42.0	338.3	13,200*	45.9	347.7	15,600	49.5	355.2	12,800	180
185	37.0	324.4	10,300*	39.9	332.4	12,600*	44.0	342.6	14,700	47.7	350.7	12,000	185
190	34.7	317.3	9,800*	37.8	326.1	12,000*	42.0	337.1	13,900	45.8	345.9	11,200	190
195	32.2	309.6	9,400*	35.5	319.2	11,400*	39.9	331.2	13,100	43.9	340.8	10,500	195
200	29.6	301.0	9,000*	33.0	311.7	10,900*	37.7	324.9	12,300	41.9	335.3	9,800	200
205	26.6	291.4	8,700*	30.4	303.5	10,400*	35.4	318.0	11,600	39.8	329.4	9,100	205
210	23.4	280.4	8,400*	27.6	294.2	10,000*	33.0	310.5	10,900	37.6	323.1	8,500	210
215	19.6	267.3	8,200*	24.5	283.7	9,700*	30.4	302.2	10,200	35.3	316.2	7,900	215
220	14.9	250.6	8,100*	20.9	271.4	9,400*	27.6	292.9	9,600	32.9	308.6	7,300	220
225				16.6	256.2	9,100*	24.4	282.4	8,900	30.3	300.3	6,800	225
230				10.6	234.5	9,000*	20.8	270.0	8,300	27.4	291.0	6,200	230
235							16.5	254.7	7,800	24.3	280.4	5,700	235
240							10.4	232.8	7,200	20.7	268.0	5,200	240
245										16.3	252.5	4,700	245
250										10.1	230.2	4,200	250

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

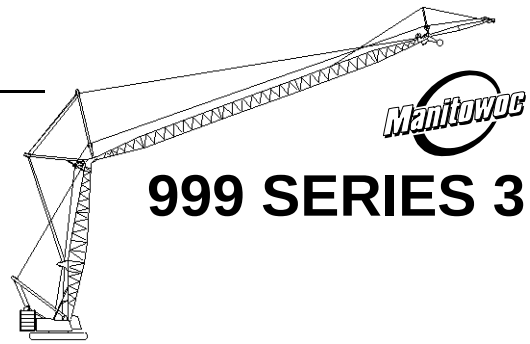
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

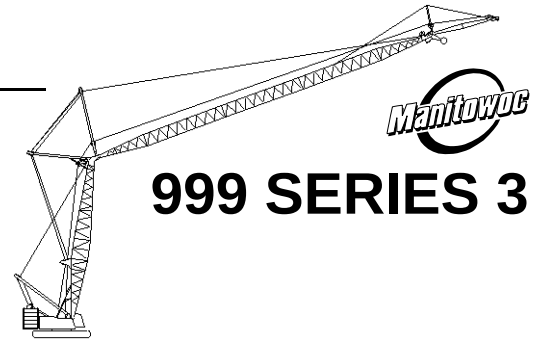
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.6	412.2	24,500*										75
80	73.3	410.7	24,300*										80
85	71.9	409.0	23,900*										85
90	70.6	407.3	23,700*	72.4	409.2	28,200*							90
95	69.2	405.4	23,200*	71.0	407.4	27,900*							95
100	67.8	403.4	22,700*	69.6	405.6	27,300*							100
105	66.4	401.2	22,200*	68.3	403.6	26,300*							105
110	65.0	398.9	21,300*	66.9	401.5	25,300*	69.6	404.5	27,700*				110
115	63.6	396.4	20,300*	65.5	399.2	24,300*	68.2	402.5	27,600*				115
120	62.1	393.8	19,300*	64.0	396.8	23,200*	66.8	400.4	27,400*				120
125	60.6	391.0	18,400*	62.6	394.2	22,200*	65.4	398.1	27,200*				125
130	59.1	388.0	17,500*	61.1	391.5	21,300*	64.0	395.7	26,500*	66.8	398.7	24,300	130
135	57.6	384.9	16,600*	59.6	388.6	20,300*	62.5	393.1	25,600*	65.4	396.4	22,700	135
140	56.1	381.6	15,800*	58.1	385.5	19,300*	61.1	390.4	24,600*	63.9	394.0	21,200	140
145	54.5	378.0	15,000*	56.6	382.2	18,400*	59.6	387.5	23,400	62.5	391.4	19,900	145
150	52.9	374.3	14,300*	55.0	378.8	17,600*	58.1	384.4	22,000	61.0	388.7	18,600	150
155	51.2	370.3	13,600*	53.4	375.1	16,700*	56.5	381.1	20,700	59.5	385.8	17,400	155
160	49.6	366.1	12,900*	51.8	371.2	15,900*	55.0	377.6	19,500	58.0	382.7	16,300	160
165	47.8	361.6	12,300*	50.1	367.0	15,100*	53.4	373.9	18,300	56.5	379.4	15,200	165
170	46.1	356.8	11,700*	48.4	362.6	14,400*	51.7	370.0	17,200	54.9	375.9	14,300	170
175	44.2	351.8	11,200*	46.6	358.0	13,700*	50.1	365.9	16,200	53.3	372.2	13,300	175
180	42.3	346.3	10,600*	44.8	353.0	13,100*	48.4	361.5	15,300	51.7	368.3	12,500	180
185	40.4	340.5	10,100*	43.0	347.7	12,500*	46.6	356.8	14,400	50.0	364.1	11,700	185
190	38.3	334.3	9,700*	41.0	342.0	11,900*	44.8	351.8	13,500	48.3	359.7	10,900	190
195	36.2	327.6	9,300*	39.0	336.0	11,400*	42.9	346.5	12,700	46.5	355.0	10,200	195
200	33.9	320.3	8,900*	36.9	329.4	10,800*	41.0	340.8	12,000	44.7	350.1	9,500	200
205	31.5	312.4	8,500*	34.6	322.3	10,400*	38.9	334.8	11,200	42.8	344.7	8,800	205
210	28.9	303.6	8,200*	32.3	314.6	9,900*	36.8	328.2	10,500	40.9	339.0	8,200	210
215	26.0	293.7	7,900*	29.7	306.1	9,500*	34.6	321.1	9,900	38.9	332.9	7,600	215
220	22.8	282.4	7,700*	27.0	296.6	9,200*	32.2	313.3	9,200	36.7	326.4	7,000	220
225	19.2	269.0	7,500*	23.9	285.8	8,900*	29.7	304.8	8,600	34.5	319.2	6,400	225
230	14.6	251.9	7,500*	20.4	273.2	8,600*	26.9	295.3	8,100	32.1	311.5	5,900	230
235	7.5	224.8	7,400*	16.2	257.6	8,400*	23.8	284.5	7,500	29.6	302.9	5,400	235
240				10.3	235.4	8,400*	20.3	271.8	6,900	26.8	293.4	4,900	240
245							16.1	256.1	6,400	23.7	282.5	4,500	245
250							10.2	233.7	5,900	20.2	269.7	4,000	250



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.0	421.1	22,700*										80
85	72.7	419.6	22,300*										85
90	71.4	417.9	22,000*										90
95	70.1	416.1	21,700*	71.9	418.0	26,000*							95
100	68.8	414.2	21,400*	70.6	416.3	25,700*							100
105	67.5	412.1	21,000*	69.2	414.4	25,000*							105
110	66.1	409.9	20,400*	67.9	412.4	24,100*							110
115	64.8	407.6	19,500*	66.6	410.2	23,200*	69.2	413.3	25,500*				115
120	63.4	405.1	18,600*	65.2	407.9	22,300*	67.9	411.3	25,400*				120
125	62.0	402.5	17,700*	63.9	405.5	21,400*	66.6	409.1	25,200*				125
130	60.6	399.7	16,900*	62.5	402.9	20,500*	65.2	406.8	25,100*				130
135	59.2	396.7	16,100*	61.1	400.2	19,600*	63.8	404.4	24,400*	66.5	407.4	22,000	135
140	57.7	393.6	15,400*	59.6	397.3	18,800*	62.4	401.8	23,600*	65.1	405.1	20,500	140
145	56.2	390.3	14,600*	58.2	394.2	17,900*	61.0	399.0	22,700*	63.8	402.7	19,100	145
150	54.7	386.7	13,900*	56.7	390.9	17,100*	59.6	396.1	21,300	62.4	400.1	17,900	150
155	53.2	383.0	13,300*	55.2	387.5	16,300*	58.2	393.0	20,000	61.0	397.3	16,700	155
160	51.6	379.1	12,600*	53.7	383.8	15,600*	56.7	389.8	18,800	59.6	394.4	15,600	160
165	50.0	375.0	12,000*	52.2	380.0	14,800*	55.2	386.3	17,700	58.1	391.3	14,500	165
170	48.4	370.6	11,400*	50.6	375.9	14,200*	53.7	382.7	16,600	56.6	388.1	13,600	170
175	46.7	365.9	10,900*	48.9	371.6	13,500*	52.1	378.8	15,600	55.1	384.6	12,700	175
180	45.0	361.0	10,400*	47.3	367.0	12,900*	50.5	374.7	14,600	53.6	381.0	11,800	180
185	43.2	355.7	10,000*	45.6	362.2	12,300*	48.9	370.4	13,700	52.1	377.1	11,000	185
190	41.4	350.1	9,500*	43.8	357.0	11,700*	47.2	365.9	12,900	50.5	373.0	10,200	190
195	39.4	344.1	9,100*	42.0	351.5	11,200*	45.5	361.0	12,100	48.8	368.7	9,500	195
200	37.4	337.7	8,700*	40.1	345.7	10,700*	43.8	355.8	11,300	47.2	364.1	8,800	200
205	35.3	330.8	8,300*	38.1	339.4	10,200*	41.9	350.3	10,600	45.5	359.2	8,100	205
210	33.1	323.3	8,000*	36.0	332.7	9,800*	40.0	344.5	9,900	43.7	354.1	7,500	210
215	30.8	315.1	7,700*	33.8	325.4	9,400*	38.1	338.2	9,300	41.9	348.6	6,900	215
220	28.2	306.0	7,400*	31.5	317.4	9,000*	36.0	331.4	8,600	40.0	342.7	6,300	220
225	25.4	295.9	7,200*	29.1	308.7	8,700*	33.8	324.1	8,000	38.0	336.4	5,800	225
230	22.3	284.3	7,000*	26.4	298.9	8,400*	31.5	316.1	7,500	35.9	329.6	5,300	230
235	18.7	270.6	6,900*	23.4	287.9	8,100*	29.0	307.4	6,900	33.7	322.3	4,800	235
240	14.2	253.1	6,400*	20.0	274.9	7,800*	26.3	297.6	6,400	31.4	314.3	4,300	240
245	7.3	225.4	5,800*	15.8	258.9	7,300*	23.3	286.5	5,900				245
250				10.1	236.2	6,700*	19.9	273.5	5,400				250
255							15.7	257.4	4,900				255
260							9.9	234.5	4,400				260

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

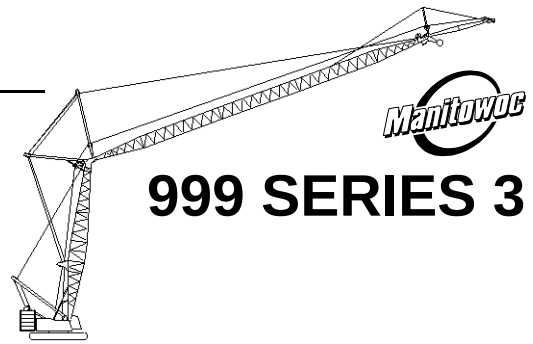
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.7	431.5	21,800*										80
85	73.5	430.0	20,800*										85
90	72.2	428.5	20,600*										90
95	71.0	426.7	20,400*	72.6	428.6	24,400*							95
100	69.7	424.9	20,000*	71.4	426.9	24,200*							100
105	68.5	422.9	19,800*	70.1	425.1	23,700*							105
110	67.2	420.9	19,400*	68.9	423.2	22,900*							110
115	65.9	418.6	18,700*	67.6	421.1	22,100*							115
120	64.6	416.3	17,900*	66.3	418.9	21,300*	68.8	422.1	23,500*				120
125	63.3	413.8	17,100*	65.0	416.6	20,500*	67.6	420.0	23,400*				125
130	61.9	411.1	16,400*	63.7	414.2	19,700*	66.3	417.8	23,300*				130
135	60.6	408.3	15,600*	62.4	411.6	18,900*	65.0	415.5	23,100*				135
140	59.2	405.4	14,900*	61.0	408.8	18,200*	63.7	413.0	22,500*	66.2	416.2	19,900	140
145	57.8	402.2	14,200*	59.7	405.9	17,400*	62.3	410.4	21,800*	64.9	413.8	18,600	145
150	56.4	398.9	13,600*	58.3	402.8	16,600*	61.0	407.7	20,800	63.6	411.4	17,300	150
155	55.0	395.5	12,900*	56.9	399.6	15,900*	59.6	404.8	19,500	62.3	408.8	16,100	155
160	53.5	391.8	12,300*	55.4	396.2	15,200*	58.2	401.7	18,300	60.9	406.0	15,000	160
165	52.0	387.9	11,800*	54.0	392.6	14,500*	56.8	398.5	17,100	59.6	403.1	14,000	165
170	50.5	383.8	11,200*	52.5	388.8	13,900*	55.4	395.0	16,100	58.2	400.0	13,000	170
175	48.9	379.5	10,700*	51.0	384.8	13,300*	53.9	391.4	15,100	56.8	396.8	12,100	175
180	47.3	375.0	10,200*	49.4	380.5	12,700*	52.5	387.6	14,100	55.4	393.3	11,200	180
185	45.7	370.1	9,800*	47.9	376.0	12,100*	51.0	383.6	13,200	53.9	389.7	10,400	185
190	44.0	365.0	9,300*	46.2	371.3	11,600*	49.4	379.3	12,400	52.4	385.9	9,700	190
195	42.3	359.6	8,900*	44.6	366.3	11,000*	47.8	374.9	11,600	50.9	381.9	8,900	195
200	40.5	353.8	8,600*	42.8	360.9	10,600*	46.2	370.1	10,800	49.3	377.6	8,300	200
205	38.6	347.6	8,200*	41.0	355.3	10,100*	44.5	365.1	10,100	47.8	373.1	7,600	205
210	36.6	341.0	7,800*	39.2	349.2	9,700*	42.8	359.8	9,400	46.1	368.4	7,000	210
215	34.6	333.9	7,500*	37.3	342.8	9,300*	41.0	354.1	8,800	44.5	363.3	6,400	215
220	32.4	326.2	7,200*	35.2	335.8	8,900*	39.2	348.0	8,100	42.7	358.0	5,800	220
225	30.1	317.8	7,000*	33.1	328.3	8,500*	37.2	341.5	7,500	40.9	352.3	5,300	225
230	27.6	308.5	6,800*	30.9	320.1	8,200*	35.2	334.6	7,000	39.1	346.2	4,800	230
235	24.9	298.1	6,400*	28.4	311.2	7,900*	33.1	327.1	6,400	37.1	339.7	4,300	235
240	21.8	286.2	5,900*	25.8	301.2	7,300*	30.8	318.9	5,900				240
245	18.3	272.2	5,400*	22.9	289.8	6,800*	28.4	309.9	5,400				245
250	13.9	254.3	4,900*	19.5	276.6	6,300*	25.7	299.9	4,900				250
255	7.1	226.0	4,400*	15.5	260.2	5,800*	22.8	288.5	4,400				255
260				9.9	237.1	5,300*	19.4	275.2	4,000				260



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.3	401.6	25,900*										75
80	72.9	400.1	25,100*										80
85	71.5	398.4	25,100*										85
90	70.1	396.5	24,400*	72.0	398.5	30,000*							90
95	68.6	394.5	23,900*	70.5	396.7	29,100*							95
100	67.1	392.4	23,400*	69.1	394.8	28,300*							100
105	65.7	390.1	22,800*	67.6	392.7	27,200*							105
110	64.2	387.6	21,800*	66.1	390.4	26,100*	69.1	393.6	28,900*				110
115	62.6	385.0	20,700*	64.7	388.0	24,900*	67.6	391.5	28,700*				115
120	61.1	382.2	19,700*	63.1	385.5	23,800*	66.1	389.3	28,500*				120
125	59.5	379.3	18,600*	61.6	382.7	22,700*	64.6	386.9	28,200*				125
130	57.9	376.1	17,700*	60.0	379.8	21,600*	63.1	384.3	27,300*	66.1	387.6	25,600	130
135	56.3	372.7	16,800*	58.5	376.7	20,500*	61.6	381.6	26,200*	64.6	385.2	24,000	135
140	54.7	369.2	15,900*	56.8	373.4	19,500*	60.0	378.7	25,100*	63.0	382.7	22,500	140
145	53.0	365.4	15,000*	55.2	369.9	18,500*	58.4	375.6	24,000*	61.5	379.9	21,100	145
150	51.2	361.3	14,300*	53.5	366.2	17,500*	56.8	372.3	22,900*	60.0	377.0	19,800	150
155	49.5	357.0	13,500*	51.8	362.2	16,600*	55.2	368.8	21,900*	58.4	373.9	18,600	155
160	47.6	352.4	12,800*	50.0	358.0	15,800*	53.5	365.0	20,600	56.7	370.6	17,500	160
165	45.7	347.6	12,100*	48.2	353.5	14,900*	51.8	361.1	19,500	55.1	367.1	16,400	165
170	43.8	342.3	11,500*	46.4	348.8	14,200*	50.0	356.9	18,400	53.4	363.3	15,500	170
175	41.8	336.7	10,900*	44.4	343.6	13,500*	48.2	352.4	17,400	51.7	359.3	14,500	175
180	39.7	330.7	10,400*	42.4	338.2	12,800*	46.3	347.6	16,400	49.9	355.1	13,700	180
185	37.5	324.2	9,900*	40.4	332.3	12,100*	44.4	342.5	15,500	48.1	350.6	12,800	185
190	35.1	317.1	9,400*	38.2	325.9	11,500*	42.4	337.0	14,700	46.3	345.8	12,100	190
195	32.6	309.4	9,000*	35.9	319.1	10,900*	40.3	331.1	13,900	44.3	340.7	11,300	195
200	30.0	300.8	8,600*	33.5	311.5	10,400*	38.1	324.7	13,100	42.3	335.2	10,600	200
205	27.0	291.2	8,300*	30.8	303.3	9,900*	35.8	317.8	12,400	40.2	329.3	10,000	205
210	23.8	280.1	8,000*	28.0	294.0	9,500*	33.4	310.3	11,700	38.1	322.9	9,300	210
215	20.0	267.0	7,700*	24.9	283.5	9,100*	30.8	302.0	11,000	35.8	316.0	8,700	215
220	15.3	250.2	7,600*	21.3	271.1	8,800*	28.0	292.7	10,300	33.3	308.4	8,100	220
225	7.9	223.4	7,600*	16.9	255.8	8,500*	24.8	282.2	9,700	30.7	300.1	7,600	225
230				10.9	234.0	8,400*	21.2	269.8	9,100	27.8	290.8	7,000	230
235							16.8	254.4	8,500	24.7	280.2	6,500	235
240							10.7	232.2	8,000	21.1	267.7	6,000	240
245										16.7	252.1	5,500	245
250										10.4	229.6	5,000	250

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

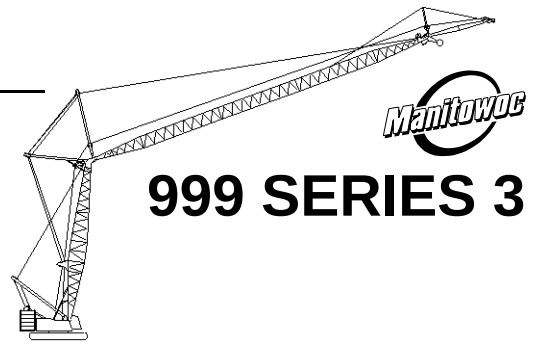
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



999 SERIES 3

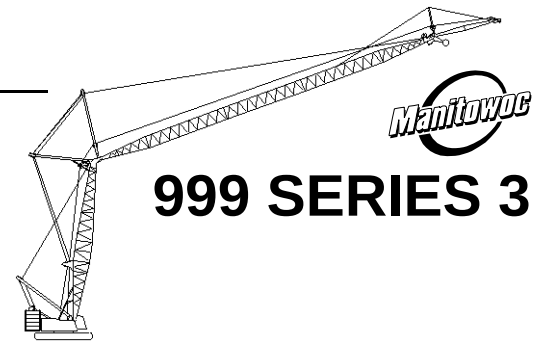
190 Ft. Boom, 180 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	73.7	410.6	23,600*										80
85	72.4	408.9	23,300*										85
90	71.0	407.2	22,900*	72.8	409.0	28,000*							90
95	69.6	405.3	22,600*	71.4	407.3	27,200*							95
100	68.2	403.3	22,100*	70.1	405.5	26,900*							100
105	66.8	401.1	21,600*	68.7	403.5	26,000*							105
110	65.4	398.8	21,000*	67.3	401.4	25,000*							110
115	64.0	396.3	20,000*	65.9	399.1	24,000*	68.7	402.4	26,800*				115
120	62.5	393.7	19,100*	64.4	396.7	22,900*	67.3	400.3	26,600*				120
125	61.0	390.9	18,100*	63.0	394.1	21,900*	65.8	398.0	26,400*				125
130	59.6	387.9	17,200*	61.5	391.4	21,000*	64.4	395.6	26,100*				130
135	58.0	384.8	16,400*	60.0	388.5	20,000*	63.0	393.0	25,200*	65.8	396.3	23,200	135
140	56.5	381.4	15,500*	58.5	385.4	19,000*	61.5	390.3	24,200*	64.4	393.9	21,700	140
145	54.9	377.9	14,700*	57.0	382.1	18,100*	60.0	387.3	23,300*	62.9	391.3	20,400	145
150	53.3	374.1	14,000*	55.4	378.6	17,200*	58.5	384.2	22,300*	61.4	388.6	19,100	150
155	51.7	370.2	13,300*	53.8	375.0	16,400*	57.0	381.0	21,200	60.0	385.6	17,900	155
160	50.0	365.9	12,600*	52.2	371.1	15,600*	55.4	377.5	20,000	58.4	382.5	16,800	160
165	48.2	361.5	12,000*	50.5	366.9	14,800*	53.8	373.8	18,800	56.9	379.3	15,700	165
170	46.5	356.7	11,400*	48.8	362.5	14,000*	52.2	369.9	17,800	55.3	375.8	14,800	170
175	44.6	351.6	10,800*	47.0	357.8	13,300*	50.5	365.7	16,800	53.7	372.1	13,800	175
180	42.7	346.2	10,300*	45.2	352.9	12,700*	48.8	361.3	15,800	52.1	368.2	13,000	180
185	40.8	340.4	9,800*	43.4	347.6	12,100*	47.0	356.7	14,900	50.4	364.0	12,200	185
190	38.7	334.2	9,300*	41.4	341.9	11,500*	45.2	351.7	14,000	48.7	359.6	11,400	190
195	36.6	327.4	8,900*	39.4	335.8	10,900*	43.3	346.4	13,200	46.9	354.9	10,600	195
200	34.3	320.1	8,500*	37.3	329.2	10,400*	41.4	340.7	12,500	45.1	349.9	9,900	200
205	31.9	312.2	8,100*	35.0	322.1	9,900*	39.3	334.6	11,700	43.2	344.6	9,300	205
210	29.2	303.3	7,800*	32.7	314.4	9,500*	37.2	328.0	11,000	41.3	338.9	8,700	210
215	26.4	293.5	7,500*	30.1	305.9	9,100*	35.0	320.9	10,400	39.3	332.8	8,000	215
220	23.2	282.1	7,300*	27.3	296.4	8,700*	32.6	313.2	9,700	37.1	326.2	7,500	220
225	19.5	268.7	7,100*	24.3	285.6	8,400*	30.1	304.6	9,100	34.9	319.1	6,900	225
230	14.9	251.5	7,000*	20.8	272.9	8,100*	27.3	295.1	8,500	32.5	311.3	6,400	230
235	7.7	224.0	7,000*	16.5	257.2	7,900*	24.2	284.2	8,000	30.0	302.7	5,900	235
240				10.6	234.8	7,800*	20.7	271.5	7,400	27.2	293.1	5,400	240
245							16.4	255.7	6,900	24.1	282.2	4,900	245
250							10.5	233.1	6,300	20.6	269.4	4,500	250
255										16.3	253.5	4,000	255

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.4	421.0	22,100*										80
85	73.1	419.5	22,100*										85
90	71.8	417.8	21,500*										90
95	70.5	416.0	21,200*	72.3	417.9	25,400*							95
100	69.2	414.1	20,900*	71.0	416.2	25,200*							100
105	67.9	412.0	20,500*	69.6	414.3	24,800*							105
110	66.5	409.8	20,100*	68.3	412.3	23,900*							110
115	65.2	407.5	19,300*	67.0	410.1	23,000*	69.6	413.2	25,000*				115
120	63.8	405.0	18,500*	65.6	407.8	22,100*	68.3	411.2	24,900*				120
125	62.4	402.3	17,600*	64.3	405.4	21,200*	67.0	409.0	24,800*				125
130	61.0	399.5	16,800*	62.9	402.8	20,300*	65.6	406.7	24,600*				130
135	59.6	396.6	15,900*	61.5	400.0	19,400*	64.2	404.3	24,200*	66.9	407.3	22,900	135
140	58.1	393.4	15,200*	60.0	397.1	18,500*	62.8	401.7	23,400*	65.5	405.0	21,400	140
145	56.6	390.1	14,400*	58.6	394.1	17,700*	61.4	398.9	22,500*	64.2	402.6	20,000	145
150	55.1	386.6	13,700*	57.1	390.8	16,900*	60.0	396.0	21,700*	62.8	400.0	18,700	150
155	53.6	382.9	13,000*	55.6	387.4	16,100*	58.6	392.9	20,800*	61.4	397.2	17,500	155
160	52.0	379.0	12,400*	54.1	383.7	15,300*	57.1	389.7	19,600	60.0	394.3	16,400	160
165	50.4	374.8	11,800*	52.5	379.9	14,600*	55.6	386.2	18,500	58.5	391.2	15,400	165
170	48.8	370.4	11,200*	51.0	375.8	13,900*	54.1	382.6	17,400	57.0	387.9	14,400	170
175	47.1	365.8	10,700*	49.3	371.5	13,200*	52.5	378.7	16,400	55.5	384.5	13,500	175
180	45.4	360.8	10,200*	47.7	366.9	12,600*	50.9	374.6	15,400	54.0	380.8	12,600	180
185	43.6	355.6	9,700*	45.9	362.0	12,000*	49.3	370.3	14,500	52.5	377.0	11,800	185
190	41.7	350.0	9,200*	44.2	356.9	11,400*	47.6	365.7	13,700	50.9	372.9	11,000	190
195	39.8	344.0	8,800*	42.3	351.4	10,900*	45.9	360.9	12,900	49.2	368.5	10,300	195
200	37.8	337.5	8,400*	40.5	345.5	10,400*	44.1	355.7	12,100	47.6	364.0	9,600	200
205	35.7	330.6	8,000*	38.5	339.2	9,900*	42.3	350.2	11,400	45.8	359.1	8,900	205
210	33.5	323.1	7,700*	36.4	332.5	9,400*	40.4	344.3	10,700	44.1	353.9	8,300	210
215	31.1	314.9	7,400*	34.2	325.2	9,000*	38.4	338.0	10,000	42.2	348.4	7,700	215
220	28.6	305.8	7,100*	31.9	317.2	8,600*	36.4	331.3	9,400	40.3	342.5	7,100	220
225	25.8	295.7	6,900*	29.4	308.4	8,300*	34.2	323.9	8,800	38.4	336.2	6,600	225
230	22.7	284.1	6,700*	26.7	298.7	8,000*	31.9	316.0	8,200	36.3	329.4	6,100	230
235	19.1	270.3	6,500*	23.7	287.6	7,700*	29.4	307.2	7,700	34.1	322.1	5,600	235
240	14.5	252.7	6,400*	20.3	274.6	7,500*	26.7	297.4	7,100	31.8	314.1	5,100	240
245	7.5	224.5	6,400*	16.1	258.5	7,300*	23.7	286.3	6,600	29.3	305.3	4,600	245
250				10.4	235.6	7,200*	20.2	273.2	6,100	26.6	295.4	4,200	250
255							16.0	257.1	5,600				255
260							10.2	233.9	5,100				260

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

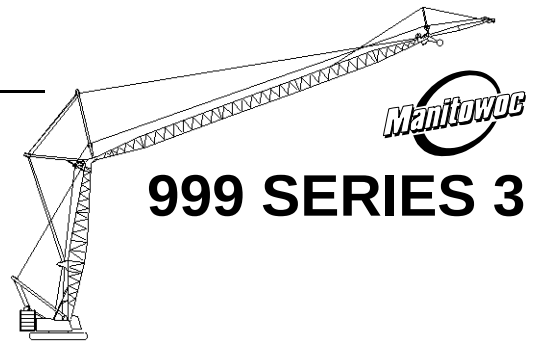
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

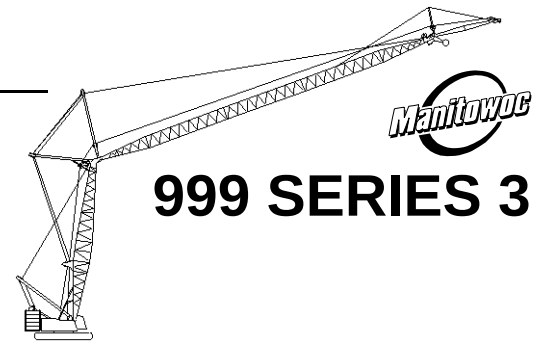
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	73.9	429.9	20,700*										85
90	72.6	428.3	20,200*										90
95	71.4	426.6	19,900*										95
100	70.1	424.8	19,600*	71.8	426.8	23,500*							100
105	68.9	422.8	19,300*	70.5	425.0	23,300*							105
110	67.6	420.7	18,900*	69.3	423.1	22,700*							110
115	66.3	418.5	18,600*	68.0	421.0	21,900*							115
120	65.0	416.2	17,700*	66.7	418.8	21,100*	69.2	421.9	23,100*				120
125	63.7	413.7	17,000*	65.4	416.5	20,300*	68.0	419.9	23,000*				125
130	62.3	411.0	16,200*	64.1	414.1	19,500*	66.7	417.7	23,000*				130
135	61.0	408.2	15,400*	62.8	411.5	18,700*	65.4	415.4	22,700*				135
140	59.6	405.2	14,700*	61.4	408.7	17,900*	64.1	412.9	22,300*	66.6	416.0	20,700	140
145	58.2	402.1	14,000*	60.0	405.8	17,200*	62.7	410.3	21,600*	65.3	413.7	19,300	145
150	56.8	398.8	13,400*	58.7	402.7	16,400*	61.4	407.6	20,800*	64.0	411.3	18,000	150
155	55.3	395.3	12,700*	57.2	399.5	15,700*	60.0	404.7	20,100*	62.7	408.6	16,800	155
160	53.9	391.7	12,100*	55.8	396.1	15,000*	58.6	401.6	19,000	61.3	405.9	15,700	160
165	52.4	387.8	11,500*	54.4	392.5	14,300*	57.2	398.3	17,800	60.0	403.0	14,700	165
170	50.9	383.7	11,000*	52.9	388.6	13,600*	55.8	394.9	16,800	58.6	399.9	13,700	170
175	49.3	379.4	10,500*	51.4	384.6	13,000*	54.3	391.3	15,800	57.2	396.6	12,800	175
180	47.7	374.8	10,000*	49.8	380.4	12,400*	52.8	387.5	14,800	55.7	393.2	11,900	180
185	46.1	370.0	9,500*	48.2	375.9	11,800*	51.3	383.5	13,900	54.3	389.6	11,100	185
190	44.4	364.9	9,100*	46.6	371.2	11,300*	49.8	379.2	13,100	52.8	385.8	10,400	190
195	42.6	359.4	8,700*	44.9	366.1	10,700*	48.2	374.7	12,300	51.3	381.7	9,600	195
200	40.8	353.6	8,300*	43.2	360.8	10,200*	46.6	370.0	11,500	49.7	377.5	8,900	200
205	38.9	347.4	7,900*	41.4	355.1	9,800*	44.9	364.9	10,800	48.1	373.0	8,300	205
210	37.0	340.8	7,500*	39.6	349.1	9,400*	43.2	359.6	10,100	46.5	368.2	7,600	210
215	34.9	333.7	7,200*	37.6	342.6	9,000*	41.4	353.9	9,400	44.8	363.2	7,100	215
220	32.8	326.0	6,900*	35.6	335.6	8,500*	39.5	347.9	8,800	43.1	357.8	6,500	220
225	30.4	317.6	6,700*	33.5	328.1	8,200*	37.6	341.4	8,200	41.3	352.1	5,900	225
230	27.9	308.3	6,400*	31.2	319.9	7,900*	35.6	334.4	7,600	39.4	346.0	5,400	230
235	25.2	297.9	6,200*	28.8	310.9	7,600*	33.4	326.9	7,100	37.5	339.6	4,900	235
240	22.2	286.0	6,100*	26.1	300.9	7,300*	31.2	318.7	6,500	35.5	332.6	4,400	240
245	18.6	271.8	6,000*	23.2	289.6	7,100*	28.7	309.7	6,000	33.3	325.0	4,000	245
250	14.2	253.8	5,500*	19.8	276.3	6,900*	26.1	299.6	5,500				250
255	7.3	225.1	5,100*	15.8	259.8	6,400*	23.1	288.2	5,100				255
260				10.1	236.4	5,900*	19.8	274.9	4,600				260
265							15.7	258.4	4,100				265



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

190 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.5	440.4	19,100*										85
90	73.3	438.9	18,800*										90
95	72.1	437.2	18,600*										95
100	70.9	435.5	18,400*	72.5	437.3	21,900*							100
105	69.7	433.6	18,100*	71.3	435.6	21,700*							105
110	68.5	431.6	17,900*	70.1	433.8	21,600*							110
115	67.3	429.5	17,600*	68.9	431.8	20,900*							115
120	66.0	427.2	17,100*	67.7	429.8	20,200*							120
125	64.8	424.8	16,300*	66.4	427.5	19,500*	68.9	430.7	21,400*				125
130	63.5	422.3	15,600*	65.2	425.2	18,700*	67.7	428.6	21,200*				130
135	62.2	419.7	14,900*	63.9	422.7	18,000*	66.4	426.4	21,100*				135
140	60.9	416.9	14,300*	62.6	420.1	17,300*	65.2	424.1	20,900*				140
145	59.6	413.9	13,600*	61.3	417.4	16,600*	63.9	421.6	20,600*	66.4	424.8	18,700	145
150	58.3	410.8	13,000*	60.0	414.5	15,900*	62.6	419.0	20,000*	65.1	422.4	17,400	150
155	56.9	407.5	12,400*	58.7	411.4	15,300*	61.3	416.2	19,300*	63.8	419.9	16,300	155
160	55.5	404.1	11,800*	57.4	408.2	14,600*	60.0	413.3	18,400	62.6	417.3	15,200	160
165	54.1	400.4	11,300*	56.0	404.8	14,000*	58.7	410.3	17,300	61.3	414.5	14,100	165
170	52.7	396.6	10,800*	54.6	401.2	13,300*	57.3	407.0	16,200	60.0	411.6	13,200	170
175	51.2	392.6	10,300*	53.2	397.4	12,700*	56.0	403.6	15,200	58.6	408.6	12,200	175
180	49.8	388.3	9,800*	51.7	393.5	12,200*	54.6	400.0	14,300	57.3	405.3	11,400	180
185	48.2	383.8	9,300*	50.2	389.3	11,600*	53.1	396.3	13,400	55.9	401.9	10,600	185
190	46.7	379.1	8,900*	48.7	384.9	11,100*	51.7	392.3	12,500	54.5	398.3	9,800	190
195	45.1	374.1	8,500*	47.2	380.2	10,600*	50.2	388.1	11,700	53.1	394.5	9,100	195
200	43.4	368.8	8,100*	45.6	375.3	10,100*	48.7	383.7	11,000	51.6	390.6	8,400	200
205	41.7	363.2	7,800*	44.0	370.1	9,700*	47.2	379.0	10,300	50.2	386.4	7,700	205
210	40.0	357.2	7,500*	42.3	364.6	9,200*	45.6	374.1	9,600	48.6	382.0	7,100	210
215	38.1	350.9	7,100*	40.5	358.8	8,800*	43.9	368.9	8,900	47.1	377.3	6,500	215
220	36.2	344.0	6,800*	38.7	352.5	8,500*	42.2	363.4	8,300	45.5	372.4	5,900	220
225	34.2	336.7	6,500*	36.8	345.9	8,100*	40.5	357.6	7,700	43.9	367.2	5,400	225
230	32.1	328.8	6,300*	34.9	338.7	7,800*	38.7	351.3	7,100	42.2	361.6	4,900	230
235	29.8	320.2	6,100*	32.8	331.0	7,500*	36.8	344.7	6,600	40.4	355.8	4,400	235
240	27.4	310.6	5,900*	30.5	322.6	7,200*	34.8	337.5	6,000				240
245	24.7	300.0	5,600*	28.2	313.4	6,900*	32.7	329.8	5,500				245
250	21.7	287.8	5,100*	25.6	303.2	6,400*	30.5	321.4	5,100				250
255	18.2	273.4	4,600*	22.7	291.5	6,000*	28.1	312.1	4,600				255
260	13.9	255.0	4,200*	19.4	277.9	5,500*	25.5	301.8	4,100				260
265				15.5	261.1	5,000*							265
270				9.9	237.2	4,600*							270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

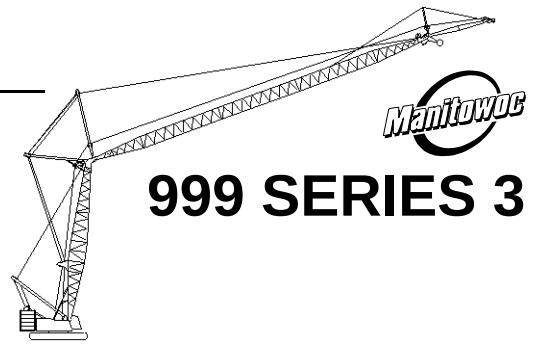
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

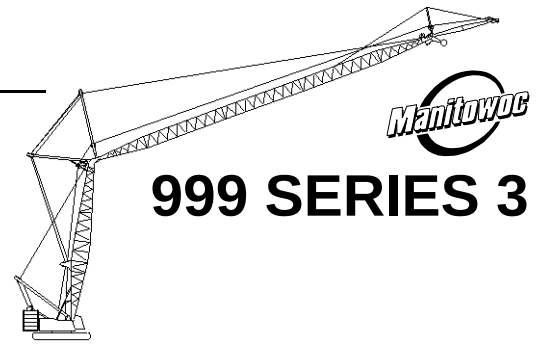
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.2	410.8	23,100*										80
85	72.9	409.2	22,300*										85
90	71.5	407.5	22,100*										90
95	70.1	405.6	21,800*	71.9	407.6	26,000*							95
100	68.7	403.6	21,500*	70.6	405.8	25,800*							100
105	67.3	401.5	21,200*	69.2	403.9	25,600*							105
110	65.9	399.2	20,800*	67.8	401.8	25,000*							110
115	64.5	396.7	20,200*	66.4	399.5	24,000*	69.2	402.7	25,600*				115
120	63.0	394.1	19,300*	65.0	397.1	23,000*	67.8	400.6	25,500*				120
125	61.6	391.4	18,300*	63.5	394.6	22,100*	66.4	398.4	25,400*				125
130	60.1	388.4	17,400*	62.0	391.9	21,100*	64.9	396.0	25,200*				130
135	58.6	385.3	16,500*	60.6	389.0	20,100*	63.5	393.5	25,000*	66.3	396.7	24,100	135
140	57.0	382.0	15,700*	59.1	385.9	19,200*	62.0	390.7	24,300*	64.9	394.3	22,600	140
145	55.4	378.5	14,900*	57.5	382.7	18,200*	60.5	387.9	23,400*	63.4	391.8	21,200	145
150	53.8	374.8	14,100*	56.0	379.3	17,400*	59.0	384.8	22,400*	62.0	389.1	20,000	150
155	52.2	370.9	13,400*	54.4	375.6	16,500*	57.5	381.5	21,400*	60.5	386.2	18,800	155
160	50.5	366.7	12,700*	52.7	371.8	15,700*	55.9	378.1	20,500*	59.0	383.1	17,600	160
165	48.8	362.3	12,000*	51.1	367.7	14,900*	54.3	374.5	19,600*	57.4	379.8	16,600	165
170	47.0	357.6	11,400*	49.4	363.3	14,100*	52.7	370.6	18,600*	55.9	376.4	15,600	170
175	45.2	352.5	10,800*	47.6	358.7	13,400*	51.0	366.5	17,600	54.3	372.7	14,700	175
180	43.3	347.2	10,300*	45.8	353.8	12,700*	49.3	362.1	16,600	52.6	368.9	13,800	180
185	41.4	341.4	9,700*	43.9	348.5	12,100*	47.6	357.5	15,700	51.0	364.8	13,000	185
190	39.3	335.3	9,300*	42.0	342.9	11,400*	45.8	352.6	14,900	49.3	360.4	12,200	190
195	37.2	328.7	8,800*	40.0	336.9	10,900*	43.9	347.3	14,100	47.5	355.8	11,500	195
200	34.9	321.5	8,400*	37.9	330.4	10,300*	42.0	341.7	13,300	45.7	350.8	10,800	200
205	32.5	313.6	8,000*	35.7	323.4	9,800*	40.0	335.7	12,600	43.8	345.6	10,100	205
210	30.0	305.0	7,700*	33.3	315.8	9,300*	37.9	329.2	11,900	41.9	339.9	9,500	210
215	27.2	295.3	7,400*	30.8	307.5	8,900*	35.6	322.2	11,200	39.9	333.9	8,900	215
220	24.1	284.3	7,100*	28.1	298.1	8,500*	33.3	314.6	10,600	37.8	327.4	8,300	220
225	20.5	271.3	6,900*	25.1	287.6	8,200*	30.8	306.2	9,900	35.6	320.4	7,700	225
230	16.1	254.9	6,700*	21.7	275.3	7,900*	28.0	296.9	9,400	33.2	312.7	7,200	230
235	9.7	230.6	6,700*	17.6	260.3	7,600*	25.0	286.3	8,800	30.7	304.3	6,700	235
240				12.2	239.7	7,500*	21.6	274.0	8,200	27.9	294.9	6,200	240
245							17.5	258.9	7,700	24.9	284.3	5,700	245
250							12.0	238.1	7,200	21.5	271.9	5,300	250
255										17.4	256.6	4,800	255
260										11.8	235.5	4,300	260



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	421.2	21,200*										80
85	73.6	419.7	21,000*										85
90	72.3	418.1	20,800*										90
95	71.0	416.3	20,600*	72.7	418.2	25,100*							95
100	69.7	414.4	20,300*	71.4	416.5	24,200*							100
105	68.4	412.4	20,100*	70.1	414.6	24,100*							105
110	67.0	410.2	19,700*	68.8	412.6	23,800*							110
115	65.7	407.9	19,300*	67.5	410.5	23,000*							115
120	64.3	405.4	18,600*	66.1	408.2	22,100*	68.8	411.5	23,900*				120
125	62.9	402.8	17,700*	64.7	405.8	21,300*	67.4	409.4	23,800*				125
130	61.5	400.0	16,900*	63.4	403.2	20,400*	66.1	407.1	23,700*				130
135	60.1	397.1	16,100*	62.0	400.5	19,500*	64.7	404.7	23,500*				135
140	58.6	394.0	15,300*	60.5	397.6	18,600*	63.3	402.1	23,300*	66.0	405.4	21,900	140
145	57.2	390.7	14,500*	59.1	394.6	17,800*	61.9	399.4	22,500*	64.7	403.0	20,500	145
150	55.7	387.2	13,800*	57.6	391.4	17,000*	60.5	396.5	21,700*	63.3	400.4	19,200	150
155	54.1	383.6	13,100*	56.1	388.0	16,200*	59.1	393.5	20,800*	61.9	397.7	18,000	155
160	52.6	379.7	12,500*	54.6	384.4	15,400*	57.6	390.2	20,000*	60.5	394.8	16,900	160
165	51.0	375.6	11,900*	53.1	380.5	14,600*	56.1	386.8	19,000	59.0	391.8	15,900	165
170	49.3	371.2	11,300*	51.5	376.5	13,900*	54.6	383.2	18,000	57.5	388.5	14,900	170
175	47.7	366.6	10,700*	49.9	372.2	13,200*	53.0	379.4	16,900	56.1	385.1	14,000	175
180	45.9	361.7	10,200*	48.2	367.7	12,600*	51.5	375.3	16,000	54.5	381.5	13,100	180
185	44.2	356.5	9,700*	46.5	362.9	12,000*	49.8	371.1	15,100	53.0	377.7	12,300	185
190	42.3	351.0	9,200*	44.7	357.8	11,400*	48.2	366.5	14,200	51.4	373.6	11,500	190
195	40.4	345.0	8,700*	42.9	352.4	10,800*	46.5	361.7	13,400	49.8	369.3	10,800	195
200	38.4	338.7	8,300*	41.0	346.6	10,300*	44.7	356.6	12,700	48.1	364.8	10,100	200
205	36.3	331.9	7,900*	39.1	340.4	9,800*	42.9	351.2	11,900	46.4	360.0	9,400	205
210	34.1	324.5	7,600*	37.0	333.7	9,300*	41.0	345.4	11,200	44.6	354.8	8,800	210
215	31.8	316.4	7,300*	34.9	326.5	8,900*	39.0	339.2	10,600	42.8	349.4	8,200	215
220	29.3	307.5	7,000*	32.6	318.7	8,500*	37.0	332.5	9,900	40.9	343.6	7,600	220
225	26.5	297.6	6,700*	30.1	310.1	8,100*	34.8	325.3	9,300	39.0	337.4	7,100	225
230	23.5	286.3	6,500*	27.5	300.5	7,800*	32.5	317.4	8,800	36.9	330.7	6,600	230
235	20.0	272.9	6,300*	24.5	289.7	7,500*	30.1	308.8	8,200	34.7	323.4	6,100	235
240	15.7	256.2	6,200*	21.2	277.1	7,200*	27.4	299.2	7,700	32.4	315.5	5,600	240
245	9.4	231.4	6,200*	17.2	261.7	7,000*	24.5	288.4	7,100	30.0	306.9	5,100	245
250				11.9	240.6	6,900*	21.1	275.7	6,600	27.3	297.3	4,600	250
255							17.1	260.3	6,100	24.3	286.3	4,200	255
260							11.7	239.0	5,600				260

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

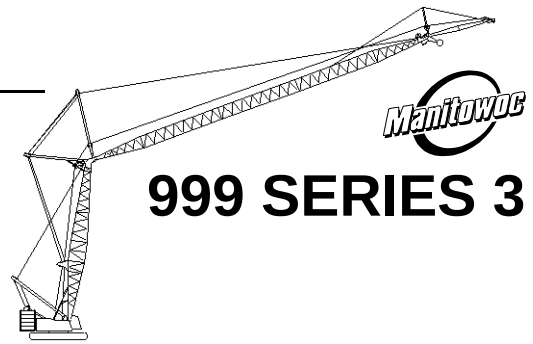
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

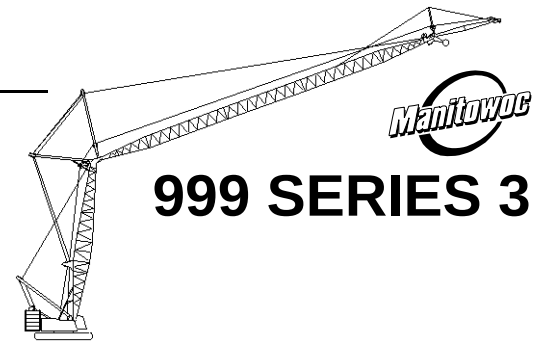
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.3	430.2	19,700*										85
90	73.1	428.6	19,600*										90
95	71.8	426.9	19,400*										95
100	70.6	425.1	19,100*	72.2	427.1	22,700*							100
105	69.3	423.2	18,900*	71.0	425.3	22,500*							105
110	68.0	421.1	18,700*	69.7	423.4	22,400*							110
115	66.7	418.9	18,300*	68.4	421.4	22,000*							115
120	65.4	416.6	17,900*	67.2	419.2	21,200*	69.7	422.3	22,400*				120
125	64.1	414.1	17,100*	65.9	416.9	20,400*	68.4	420.3	22,300*				125
130	62.8	411.5	16,400*	64.6	414.5	19,600*	67.1	418.1	22,200*				130
135	61.4	408.7	15,600*	63.2	411.9	18,900*	65.8	415.8	22,100*				135
140	60.1	405.8	14,900*	61.9	409.2	18,100*	64.5	413.4	22,000*				140
145	58.7	402.7	14,200*	60.5	406.3	17,300*	63.2	410.8	21,700*	65.8	414.1	20,200	145
150	57.3	399.4	13,500*	59.1	403.3	16,600*	61.8	408.1	21,000*	64.5	411.7	18,900	150
155	55.8	396.0	12,900*	57.7	400.1	15,800*	60.5	405.2	20,200*	63.1	409.1	17,700	155
160	54.4	392.3	12,300*	56.3	396.7	15,100*	59.1	402.1	19,400*	61.8	406.4	16,600	160
165	52.9	388.5	11,700*	54.9	393.1	14,400*	57.7	398.9	18,700*	60.4	403.5	15,500	165
170	51.4	384.4	11,100*	53.4	389.3	13,700*	56.3	395.5	17,600	59.1	400.4	14,500	170
175	49.8	380.2	10,500*	51.9	385.3	13,100*	54.8	391.9	16,600	57.6	397.2	13,600	175
180	48.2	375.6	10,100*	50.3	381.1	12,500*	53.3	388.2	15,600	56.2	393.8	12,800	180
185	46.6	370.8	9,600*	48.7	376.7	11,900*	51.8	384.2	14,700	54.8	390.2	11,900	185
190	44.9	365.8	9,100*	47.1	372.0	11,300*	50.3	380.0	13,900	53.3	386.4	11,200	190
195	43.2	360.4	8,700*	45.5	367.0	10,800*	48.7	375.5	13,100	51.8	382.4	10,400	195
200	41.4	354.7	8,300*	43.7	361.8	10,300*	47.1	370.8	12,300	50.2	378.2	9,700	200
205	39.5	348.6	7,900*	42.0	356.1	9,800*	45.4	365.8	11,600	48.6	373.8	9,100	205
210	37.6	342.0	7,500*	40.1	350.2	9,300*	43.7	360.6	10,900	47.0	369.1	8,500	210
215	35.5	335.0	7,200*	38.2	343.8	8,900*	41.9	354.9	10,200	45.4	364.1	7,900	215
220	33.4	327.4	6,900*	36.2	336.9	8,500*	40.1	349.0	9,600	43.6	358.8	7,300	220
225	31.1	319.1	6,600*	34.1	329.5	8,100*	38.2	342.6	9,000	41.9	353.1	6,700	225
230	28.6	310.0	6,400*	31.9	321.4	7,800*	36.2	335.7	8,400	40.0	347.1	6,200	230
235	26.0	299.8	6,100*	29.5	312.6	7,500*	34.0	328.3	7,900	38.1	340.7	5,700	235
240	23.0	288.2	5,900*	26.9	302.8	7,200*	31.8	320.2	7,300	36.1	333.8	5,200	240
245	19.5	274.6	5,800*	24.0	291.7	6,900*	29.4	311.3	6,800	34.0	326.4	4,800	245
250	15.3	257.5	5,700*	20.7	278.8	6,700*	26.8	301.5	6,300	31.7	318.3	4,300	250
255	9.2	232.1	5,700*	16.8	263.1	6,500*	23.9	290.4	5,800				255
260				11.6	241.6	6,500*	20.6	277.5	5,400				260
265							16.7	261.6	4,900				265
270							11.4	239.9	4,400				270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.0	440.6	18,800*										85
90	73.8	439.1	18,300*										90
95	72.6	437.5	18,100*										95
100	71.4	435.8	17,900*	73.0	437.6	21,200*							100
105	70.2	433.9	17,700*	71.8	435.9	21,100*							105
110	69.0	431.9	17,500*	70.6	434.1	20,900*							110
115	67.7	429.8	17,300*	69.3	432.2	20,800*							115
120	66.5	427.6	17,000*	68.1	430.1	20,200*							120
125	65.2	425.3	16,500*	66.9	427.9	19,500*	69.3	431.1	20,800*				125
130	64.0	422.8	15,800*	65.6	425.6	18,800*	68.1	429.0	20,700*				130
135	62.7	420.1	15,100*	64.4	423.2	18,100*	66.9	426.8	20,600*				135
140	61.4	417.4	14,400*	63.1	420.6	17,400*	65.6	424.5	20,500*				140
145	60.1	414.4	13,700*	61.8	417.8	16,700*	64.3	422.0	20,400*	66.8	425.1	19,400	145
150	58.7	411.3	13,100*	60.5	415.0	16,000*	63.1	419.4	20,100*	65.6	422.8	18,200	150
155	57.4	408.1	12,500*	59.2	411.9	15,300*	61.8	416.7	19,400*	64.3	420.4	17,000	155
160	56.0	404.7	11,900*	57.8	408.7	14,700*	60.5	413.8	18,700*	63.0	417.8	15,900	160
165	54.6	401.1	11,400*	56.5	405.4	14,000*	59.1	410.8	18,000*	61.7	415.0	14,800	165
170	53.2	397.3	10,800*	55.1	401.8	13,400*	57.8	407.6	17,000	60.4	412.1	13,900	170
175	51.7	393.3	10,300*	53.6	398.1	12,800*	56.4	404.2	15,900	59.1	409.1	12,900	175
180	50.3	389.1	9,800*	52.2	394.2	12,200*	55.0	400.7	15,000	57.7	405.9	12,100	180
185	48.7	384.6	9,400*	50.7	390.0	11,700*	53.6	396.9	14,100	56.4	402.5	11,300	185
190	47.2	379.9	8,900*	49.2	385.7	11,100*	52.2	393.0	13,300	55.0	399.0	10,500	190
195	45.6	375.0	8,500*	47.7	381.1	10,600*	50.7	388.9	12,400	53.6	395.2	9,800	195
200	43.9	369.7	8,100*	46.1	376.2	10,100*	49.2	384.5	11,700	52.1	391.3	9,100	200
205	42.2	364.2	7,800*	44.5	371.1	9,700*	47.7	379.9	11,000	50.6	387.1	8,400	205
210	40.5	358.3	7,400*	42.8	365.6	9,200*	46.1	375.0	10,300	49.1	382.7	7,800	210
215	38.7	352.0	7,100*	41.1	359.8	8,800*	44.4	369.9	9,600	47.6	378.1	7,200	215
220	36.8	345.3	6,800*	39.3	353.7	8,400*	42.8	364.4	9,000	46.0	373.2	6,600	220
225	34.8	338.1	6,500*	37.4	347.1	8,100*	41.0	358.6	8,400	44.4	368.1	6,100	225
230	32.7	330.2	6,200*	35.4	340.0	7,700*	39.2	352.5	7,800	42.7	362.6	5,600	230
235	30.4	321.7	6,000*	33.4	332.4	7,400*	37.4	345.9	7,300	41.0	356.8	5,100	235
240	28.0	312.4	5,800*	31.2	324.2	7,100*	35.4	338.8	6,700	39.2	350.6	4,600	240
245	25.4	302.0	5,600*	28.8	315.1	6,800*	33.3	331.2	6,200	37.3	344.0	4,100	245
250	22.5	290.1	5,400*	26.3	305.1	6,600*	31.1	322.9	5,700				250
255	19.1	276.2	5,300*	23.5	293.7	6,300*	28.8	313.8	5,300				255
260	15.0	258.7	4,900*	20.3	280.5	6,200*	26.2	303.7	4,800				260
265	9.0	232.7	4,400*	16.5	264.5	5,700*	23.4	292.4	4,400				265
270				11.3	242.4	5,300*							270

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

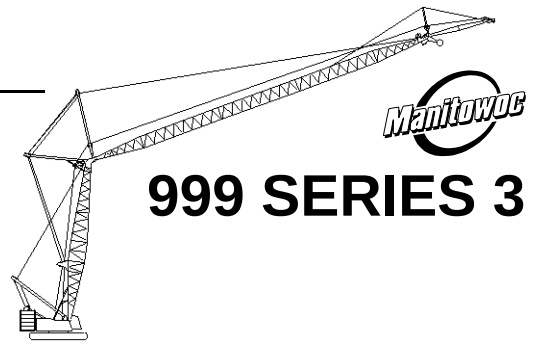
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

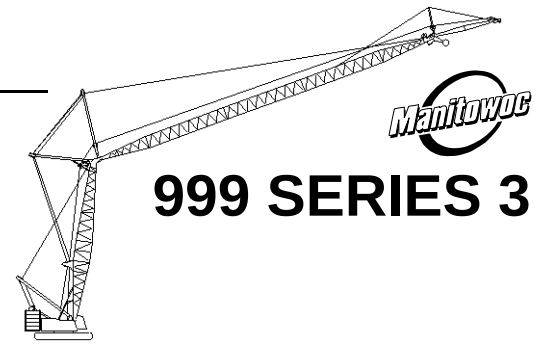
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

190 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.4	449.6	17,500*										90
95	73.3	448.0	17,000*										95
100	72.1	446.4	16,800*										100
105	71.0	444.6	16,600*	72.5	446.5	19,700*							105
110	69.8	442.7	16,400*	71.3	444.7	19,600*							110
115	68.6	440.7	16,200*	70.2	442.9	19,400*							115
120	67.4	438.6	16,000*	69.0	440.9	19,200*							120
125	66.2	436.3	15,800*	67.8	438.8	18,600*							125
130	65.0	433.9	15,200*	66.6	436.6	18,000*	69.0	439.8	19,200*				130
135	63.8	431.4	14,500*	65.4	434.3	17,400*	67.8	437.7	19,200*				135
140	62.6	428.8	13,900*	64.2	431.8	16,700*	66.6	435.5	19,100*				140
145	61.3	426.0	13,300*	63.0	429.2	16,100*	65.4	433.2	19,000*				145
150	60.1	423.1	12,700*	61.7	426.5	15,500*	64.2	430.7	18,900*	66.6	433.9	17,600	150
155	58.8	420.0	12,200*	60.5	423.6	14,900*	63.0	428.1	18,500*	65.4	431.5	16,400	155
160	57.5	416.8	11,600*	59.2	420.6	14,300*	61.7	425.4	17,900*	64.1	429.0	15,300	160
165	56.2	413.4	11,100*	57.9	417.4	13,700*	60.4	422.5	17,300*	62.9	426.4	14,300	165
170	54.8	409.8	10,600*	56.6	414.1	13,100*	59.2	419.5	16,400	61.7	423.7	13,300	170
175	53.5	406.0	10,100*	55.3	410.5	12,500*	57.9	416.3	15,400	60.4	420.8	12,400	175
180	52.1	402.1	9,600*	53.9	406.9	12,000*	56.6	412.9	14,500	59.1	417.8	11,500	180
185	50.7	397.9	9,200*	52.5	403.0	11,500*	55.2	409.4	13,600	57.8	414.6	10,700	185
190	49.2	393.6	8,800*	51.1	398.9	10,900*	53.9	405.7	12,700	56.5	411.2	9,900	190
195	47.7	389.0	8,400*	49.7	394.6	10,500*	52.5	401.8	11,900	55.2	407.7	9,200	195
200	46.2	384.1	8,000*	48.2	390.1	10,000*	51.1	397.7	11,200	53.8	404.0	8,500	200
205	44.6	379.0	7,600*	46.7	385.3	9,600*	49.6	393.4	10,400	52.4	400.1	7,900	205
210	43.0	373.6	7,300*	45.2	380.3	9,100*	48.2	388.9	9,700	51.0	396.0	7,300	210
215	41.4	367.9	7,000*	43.6	375.0	8,700*	46.7	384.1	9,100	49.6	391.7	6,700	215
220	39.7	361.8	6,700*	41.9	369.4	8,300*	45.1	379.1	8,500	48.1	387.1	6,100	220
225	37.9	355.4	6,400*	40.2	363.4	8,000*	43.5	373.8	7,900	46.6	382.4	5,600	225
230	36.0	348.5	6,100*	38.5	357.1	7,700*	41.9	368.2	7,300	45.1	377.3	5,000	230
235	34.1	341.0	5,900*	36.6	350.3	7,300*	40.2	362.2	6,700	43.5	372.0	4,500	235
240	32.0	333.0	5,600*	34.7	343.1	7,000*	38.4	355.9	6,200	41.8	366.4	4,100	240
245	29.8	324.3	5,400*	32.7	335.3	6,700*	36.6	349.1	5,700				245
250	27.5	314.8	5,200*	30.5	326.8	6,500*	34.7	341.8	5,200				250
255	24.9	304.1	4,900*	28.2	317.5	6,200*	32.6	334.0	4,800				255
260	22.0	292.0	4,400*	25.8	307.3	5,700*	30.5	325.5	4,300				260
265	18.7	277.7	4,000*	23.0	295.7	5,300*							265
270				19.9	282.2	4,800*							270
275				16.1	265.8	4,400*							275



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.0	421.3	19,600*										80
85	73.7	419.8	19,400*										85
90	72.4	418.1	19,200*										90
95	71.1	416.3	19,000*	72.8	418.2	22,400*							95
100	69.8	414.4	18,900*	71.5	416.5	22,200*							100
105	68.4	412.4	18,600*	70.2	414.6	22,100*							105
110	67.1	410.2	18,500*	68.9	412.7	21,900*							110
115	65.7	407.9	18,200*	67.5	410.5	21,800*							115
120	64.4	405.5	18,100*	66.2	408.3	21,600*	68.8	411.5	21,800*				120
125	63.0	402.8	17,500*	64.8	405.8	20,900*	67.5	409.4	21,700*				125
130	61.6	400.1	16,700*	63.4	403.3	20,100*	66.2	407.1	21,600*				130
135	60.1	397.1	15,900*	62.0	400.6	19,200*	64.8	404.7	21,500*				135
140	58.7	394.0	15,100*	60.6	397.7	18,400*	63.4	402.2	21,400*	66.1	405.5	21,200*	140
145	57.2	390.8	14,400*	59.2	394.6	17,600*	62.0	399.4	21,300*	64.7	403.0	21,200*	145
150	55.7	387.3	13,700*	57.7	391.4	16,700*	60.6	396.6	21,100*	63.4	400.5	19,900	150
155	54.2	383.6	13,000*	56.2	388.0	15,900*	59.1	393.5	20,500*	62.0	397.7	18,700	155
160	52.6	379.7	12,300*	54.7	384.4	15,200*	57.7	390.3	19,700*	60.5	394.9	17,600	160
165	51.0	375.6	11,700*	53.1	380.6	14,400*	56.2	386.9	18,900*	59.1	391.8	16,600	165
170	49.4	371.3	11,100*	51.6	376.5	13,700*	54.7	383.2	18,000*	57.6	388.6	15,600	170
175	47.7	366.7	10,500*	49.9	372.3	13,000*	53.1	379.4	17,200*	56.1	385.1	14,700	175
180	46.0	361.8	10,000*	48.3	367.8	12,300*	51.5	375.4	16,400*	54.6	381.5	13,800	180
185	44.2	356.6	9,400*	46.6	363.0	11,700*	49.9	371.1	15,600*	53.1	377.7	13,000	185
190	42.4	351.0	8,900*	44.8	357.9	11,100*	48.2	366.6	14,900*	51.5	373.6	12,200	190
195	40.5	345.1	8,500*	43.0	352.4	10,600*	46.5	361.8	14,100*	49.8	369.4	11,500	195
200	38.5	338.8	8,100*	41.1	346.6	10,000*	44.8	356.7	13,300	48.2	364.8	10,800	200
205	36.4	331.9	7,700*	39.2	340.4	9,500*	43.0	351.2	12,600	46.5	360.0	10,100	205
210	34.2	324.5	7,300*	37.1	333.8	9,000*	41.1	345.4	11,900	44.7	354.9	9,500	210
215	31.9	316.5	7,000*	34.9	326.6	8,600*	39.1	339.2	11,300	42.9	349.4	8,900	215
220	29.4	307.6	6,700*	32.7	318.7	8,200*	37.1	332.5	10,600	41.0	343.6	8,300	220
225	26.6	297.6	6,400*	30.2	310.1	7,800*	34.9	325.3	10,000	39.0	337.4	7,800	225
230	23.6	286.3	6,200*	27.5	300.6	7,400*	32.6	317.5	9,400	37.0	330.7	7,300	230
235	20.1	273.0	6,000*	24.6	289.8	7,100*	30.1	308.9	8,900	34.8	323.5	6,700	235
240	15.8	256.3	5,800*	21.3	277.2	6,900*	27.5	299.3	8,300	32.5	315.6	6,300	240
245	9.6	231.6	5,800*	17.3	261.8	6,600*	24.5	288.4	7,800	30.1	306.9	5,800	245
250				12.0	240.8	6,500*	21.2	275.8	7,300	27.4	297.3	5,300	250
255							17.2	260.4	6,800	24.4	286.4	4,900	255
260							11.8	239.2	6,300	21.1	273.7	4,500	260
265										17.0	258.2	4,000	265

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

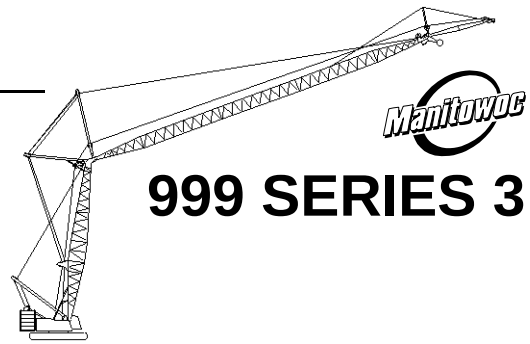
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

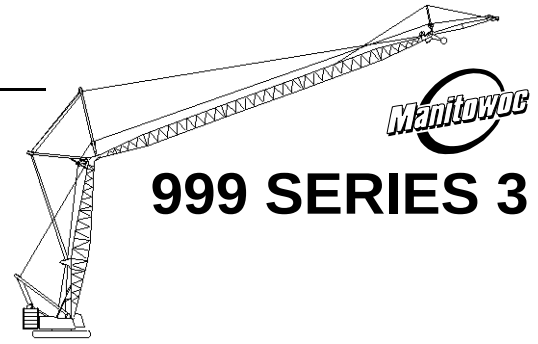
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	430.2	18,400*										85
90	73.2	428.7	18,300*										90
95	71.9	427.0	18,100*										95
100	70.6	425.1	17,900*	72.3	427.1	21,100*							100
105	69.4	423.2	17,700*	71.1	425.3	21,000*							105
110	68.1	421.1	17,600*	69.8	423.4	20,900*							110
115	66.8	418.9	17,400*	68.5	421.4	20,700*							115
120	65.5	416.6	17,200*	67.2	419.2	20,600*	69.8	422.3	20,700*				120
125	64.2	414.1	16,900*	65.9	417.0	20,100*	68.5	420.3	20,600*				125
130	62.9	411.5	16,200*	64.6	414.5	19,400*	67.2	418.1	20,600*				130
135	61.5	408.7	15,400*	63.3	411.9	18,600*	65.9	415.8	20,500*				135
140	60.1	405.8	14,700*	61.9	409.2	17,800*	64.6	413.4	20,400*				140
145	58.8	402.7	14,000*	60.6	406.3	17,100*	63.3	410.8	20,300*	65.9	414.2	20,100*	145
150	57.3	399.4	13,300*	59.2	403.3	16,300*	61.9	408.1	20,100*	64.5	411.7	19,200	150
155	55.9	396.0	12,700*	57.8	400.1	15,600*	60.6	405.2	19,800*	63.2	409.1	18,000	155
160	54.4	392.4	12,100*	56.4	396.7	14,900*	59.2	402.2	19,100*	61.9	406.4	16,900	160
165	53.0	388.5	11,500*	54.9	393.1	14,200*	57.8	398.9	18,400*	60.5	403.5	15,900	165
170	51.4	384.5	10,900*	53.4	389.4	13,500*	56.3	395.6	17,600*	59.1	400.5	14,900	170
175	49.9	380.2	10,400*	51.9	385.4	12,800*	54.9	392.0	16,900*	57.7	397.2	14,000	175
180	48.3	375.7	9,800*	50.4	381.2	12,200*	53.4	388.2	16,000	56.3	393.8	13,100	180
185	46.7	370.9	9,400*	48.8	376.7	11,600*	51.9	384.2	15,100	54.8	390.3	12,300	185
190	45.0	365.8	8,900*	47.2	372.0	11,100*	50.4	380.0	14,300	53.4	386.5	11,500	190
195	43.2	360.4	8,500*	45.5	367.1	10,500*	48.8	375.6	13,500	51.8	382.5	10,800	195
200	41.5	354.7	8,000*	43.8	361.8	10,000*	47.2	370.9	12,700	50.3	378.3	10,100	200
205	39.6	348.6	7,600*	42.0	356.2	9,500*	45.5	365.9	12,000	48.7	373.8	9,500	205
210	37.6	342.1	7,300*	40.2	350.2	9,100*	43.8	360.6	11,300	47.1	369.1	8,800	210
215	35.6	335.0	6,900*	38.3	343.8	8,600*	42.0	355.0	10,600	45.4	364.1	8,200	215
220	33.5	327.4	6,600*	36.3	337.0	8,200*	40.2	349.0	10,000	43.7	358.8	7,700	220
225	31.2	319.2	6,300*	34.2	329.6	7,800*	38.2	342.6	9,400	41.9	353.2	7,100	225
230	28.7	310.0	6,100*	31.9	321.5	7,500*	36.2	335.7	8,800	40.1	347.2	6,600	230
235	26.0	299.9	5,800*	29.5	312.7	7,100*	34.1	328.3	8,300	38.2	340.8	6,100	235
240	23.1	288.3	5,600*	26.9	302.9	6,800*	31.9	320.2	7,700	36.2	333.9	5,600	240
245	19.6	274.7	5,500*	24.1	291.8	6,600*	29.5	311.4	7,200	34.0	326.4	5,200	245
250	15.4	257.6	5,400*	20.8	278.9	6,300*	26.9	301.6	6,700	31.8	318.4	4,700	250
255	9.3	232.3	5,400*	16.9	263.2	6,200*	24.0	290.5	6,300	29.4	309.5	4,300	255
260				11.7	241.7	6,000*	20.7	277.5	5,800				260
265							16.8	261.7	5,300				265
270							11.6	240.1	4,900				270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	73.8	439.1	17,300*										90
95	72.6	437.5	17,100*										95
100	71.4	435.8	17,000*										100
105	70.2	433.9	16,800*	71.8	435.9	19,900*							105
110	69.0	432.0	16,700*	70.6	434.1	19,800*							110
115	67.8	429.9	16,700*	69.4	432.2	19,700*							115
120	66.5	427.7	16,300*	68.2	430.1	19,500*							120
125	65.3	425.3	16,100*	67.0	428.0	19,300*	69.4	431.1	19,600*				125
130	64.0	422.8	15,600*	65.7	425.6	18,600*	68.2	429.0	19,500*				130
135	62.7	420.2	15,000*	64.4	423.2	17,900*	66.9	426.8	19,400*				135
140	61.4	417.4	14,300*	63.2	420.6	17,200*	65.7	424.5	19,400*				140
145	60.1	414.5	13,600*	61.9	417.9	16,500*	64.4	422.1	19,300*	66.9	425.2	19,000*	145
150	58.8	411.4	13,000*	60.6	415.0	15,900*	63.1	419.5	19,200*	65.6	422.9	18,800	150
155	57.5	408.1	12,400*	59.2	412.0	15,200*	61.8	416.8	19,100*	64.4	420.4	17,700	155
160	56.1	404.7	11,800*	57.9	408.8	14,500*	60.5	413.9	18,500*	63.1	417.8	16,500	160
165	54.7	401.1	11,300*	56.5	405.4	13,900*	59.2	410.8	17,900*	61.8	415.1	15,500	165
170	53.3	397.3	10,700*	55.1	401.9	13,300*	57.9	407.6	17,200*	60.5	412.2	14,500	170
175	51.8	393.3	10,200*	53.7	398.1	12,700*	56.5	404.3	16,500*	59.2	409.1	13,600	175
180	50.3	389.1	9,700*	52.3	394.2	12,100*	55.1	400.7	15,700	57.8	405.9	12,800	180
185	48.8	384.7	9,300*	50.8	390.1	11,500*	53.7	397.0	14,800	56.4	402.5	11,900	185
190	47.3	380.0	8,800*	49.3	385.7	11,000*	52.2	393.0	13,900	55.1	399.0	11,200	190
195	45.7	375.0	8,400*	47.8	381.1	10,400*	50.8	388.9	13,100	53.6	395.3	10,400	195
200	44.0	369.8	8,000*	46.2	376.2	9,900*	49.3	384.5	12,300	52.2	391.3	9,700	200
205	42.3	364.2	7,600*	44.6	371.1	9,500*	47.7	379.9	11,600	50.7	387.2	9,100	205
210	40.6	358.3	7,200*	42.9	365.6	9,000*	46.1	375.1	10,900	49.2	382.8	8,500	210
215	38.7	352.1	6,900*	41.1	359.9	8,600*	44.5	369.9	10,300	47.7	378.2	7,900	215
220	36.8	345.3	6,600*	39.3	353.7	8,200*	42.8	364.5	9,600	46.1	373.3	7,300	220
225	34.9	338.1	6,300*	37.5	347.1	7,900*	41.1	358.7	9,000	44.5	368.1	6,800	225
230	32.7	330.3	6,000*	35.5	340.1	7,500*	39.3	352.5	8,500	42.8	362.7	6,200	230
235	30.5	321.8	5,800*	33.4	332.5	7,100*	37.4	345.9	7,900	41.0	356.9	5,700	235
240	28.1	312.5	5,500*	31.3	324.2	6,800*	35.5	338.8	7,400	39.2	350.7	5,300	240
245	25.5	302.0	5,400*	28.9	315.2	6,500*	33.4	331.2	6,900	37.4	344.1	4,800	245
250	22.6	290.2	5,200*	26.4	305.1	6,300*	31.2	323.0	6,400	35.4	337.0	4,400	250
255	19.2	276.3	5,000*	23.6	293.8	6,100*	28.9	313.9	5,900				255
260	15.1	258.8	5,000*	20.4	280.6	5,900*	26.3	303.8	5,500				260
265	9.1	233.0	5,000*	16.5	264.6	5,700*	23.5	292.5	5,000				265
270				11.4	242.6	5,600*	20.3	279.2	4,600				270
275							16.5	263.1	4,200				275

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

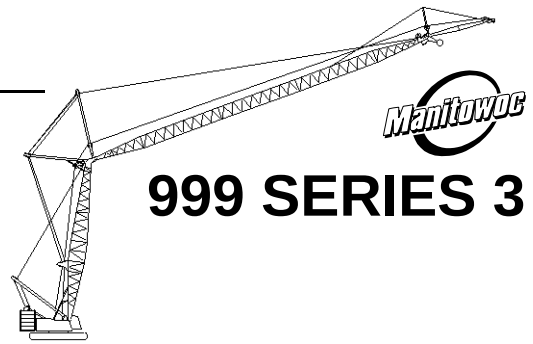
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

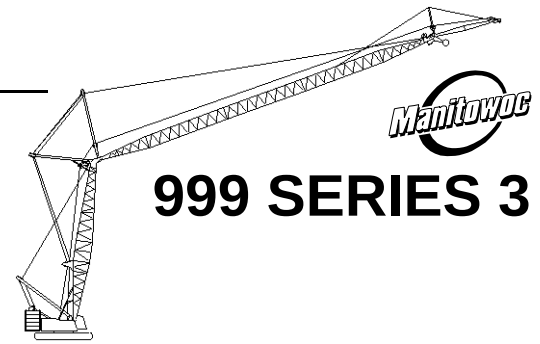
190 Ft. Boom, 200 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.5	449.6	16,300*										90
95	73.3	448.1	16,200*										95
100	72.2	446.4	16,000*										100
105	71.0	444.6	15,900*	72.6	446.5	18,700*							105
110	69.9	442.7	15,700*	71.4	444.8	18,600*							110
115	68.7	440.7	15,600*	70.2	442.9	18,500*							115
120	67.5	438.6	15,400*	69.1	441.0	18,400*							120
125	66.3	436.4	15,200*	67.9	438.9	18,300*							125
130	65.1	434.0	15,000*	66.7	436.7	17,800*	69.0	439.9	18,400*				130
135	63.9	431.5	14,400*	65.5	434.3	17,200*	67.9	437.8	18,300*				135
140	62.6	428.8	13,800*	64.3	431.9	16,500*	66.7	435.6	18,200*				140
145	61.4	426.1	13,200*	63.0	429.3	15,900*	65.5	433.2	18,100*				145
150	60.1	423.1	12,600*	61.8	426.5	15,300*	64.2	430.7	18,100*	66.6	433.9	17,800*	150
155	58.8	420.0	12,000*	60.5	423.7	14,700*	63.0	428.1	18,000*	65.4	431.5	17,000	155
160	57.6	416.8	11,500*	59.3	420.6	14,100*	61.8	425.4	17,800*	64.2	429.1	15,800	160
165	56.2	413.4	11,000*	58.0	417.4	13,500*	60.5	422.5	17,200*	63.0	426.5	14,800	165
170	54.9	409.8	10,500*	56.7	414.1	12,900*	59.2	419.5	16,600*	61.7	423.7	13,800	170
175	53.5	406.1	10,000*	55.3	410.6	12,400*	57.9	416.3	16,000*	60.5	420.8	12,900	175
180	52.1	402.1	9,500*	54.0	406.9	11,800*	56.6	413.0	15,000	59.2	417.8	12,100	180
185	50.7	398.0	9,100*	52.6	403.0	11,300*	55.3	409.4	14,100	57.9	414.6	11,300	185
190	49.3	393.6	8,600*	51.2	398.9	10,800*	53.9	405.7	13,300	56.6	411.2	10,500	190
195	47.8	389.0	8,200*	49.7	394.6	10,300*	52.6	401.8	12,500	55.2	407.7	9,800	195
200	46.3	384.2	7,800*	48.3	390.1	9,800*	51.1	397.8	11,700	53.9	404.0	9,100	200
205	44.7	379.1	7,500*	46.8	385.4	9,400*	49.7	393.5	11,000	52.5	400.1	8,400	205
210	43.1	373.7	7,100*	45.2	380.3	8,900*	48.2	388.9	10,300	51.1	396.0	7,800	210
215	41.4	368.0	6,800*	43.6	375.0	8,500*	46.7	384.2	9,700	49.7	391.7	7,200	215
220	39.7	361.9	6,500*	42.0	369.4	8,100*	45.2	379.1	9,000	48.2	387.2	6,600	220
225	38.0	355.4	6,200*	40.3	363.5	7,800*	43.6	373.8	8,400	46.7	382.4	6,100	225
230	36.1	348.5	5,900*	38.5	357.1	7,400*	42.0	368.2	7,900	45.1	377.4	5,600	230
235	34.1	341.1	5,700*	36.7	350.4	7,100*	40.3	362.3	7,300	43.5	372.1	5,100	235
240	32.1	333.1	5,400*	34.8	343.1	6,800*	38.5	355.9	6,800	41.9	366.4	4,600	240
245	29.9	324.4	5,200*	32.8	335.3	6,500*	36.7	349.2	6,300	40.2	360.4	4,200	245
250	27.5	314.8	5,000*	30.6	326.9	6,200*	34.7	341.9	5,800				250
255	25.0	304.2	4,900*	28.3	317.6	6,000*	32.7	334.1	5,300				255
260	22.1	292.1	4,700*	25.8	307.3	5,800*	30.6	325.6	4,900				260
265	18.8	277.8	4,600*	23.1	295.7	5,600*	28.3	316.3	4,400				265
270	14.8	260.0	4,100*	19.9	282.3	5,400*	25.8	306.0	4,000				270
275				16.2	265.9	5,000*							275
280				11.2	243.5	4,500*							280

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.0	458.5	15,700*							95
100	72.9	456.9	15,600*							100
105	71.8	455.2	15,000*							105
110	70.6	453.4	14,900*	72.1	455.4	17,500*				110
115	69.5	451.5	14,700*	71.0	453.6	17,400*				115
120	68.4	449.5	14,500*	69.9	451.7	17,300*				120
125	67.2	447.3	14,400*	68.7	449.7	17,200*				125
130	66.1	445.1	14,300*	67.6	447.6	17,000*	69.8	450.6	17,200*	130
135	64.9	442.7	13,900*	66.5	445.4	16,400*	68.7	448.6	17,200*	135
140	63.7	440.1	13,300*	65.3	443.0	15,900*	67.6	446.5	17,100*	140
145	62.5	437.5	12,700*	64.1	440.6	15,300*	66.4	444.3	17,000*	145
150	61.3	434.7	12,200*	62.9	437.9	14,800*	65.3	441.9	17,000*	150
155	60.1	431.8	11,700*	61.7	435.2	14,200*	64.1	439.4	16,900*	155
160	58.9	428.7	11,200*	60.5	432.3	13,700*	62.9	436.8	16,800*	160
165	57.6	425.5	10,700*	59.3	429.3	13,100*	61.7	434.1	16,500*	165
170	56.4	422.1	10,200*	58.0	426.1	12,600*	60.5	431.2	16,000*	170
175	55.1	418.6	9,700*	56.8	422.8	12,100*	59.3	428.2	15,400*	175
180	53.8	414.8	9,300*	55.5	419.3	11,600*	58.0	425.0	14,500	180
185	52.4	410.9	8,900*	54.2	415.6	11,100*	56.8	421.6	13,600	185
190	51.1	406.8	8,500*	52.9	411.8	10,600*	55.5	418.2	12,700	190
195	49.7	402.5	8,100*	51.5	407.8	10,100*	54.2	414.5	11,900	195
200	48.3	398.0	7,700*	50.2	403.5	9,700*	52.8	410.6	11,200	200
205	46.8	393.3	7,300*	48.7	399.1	9,200*	51.5	406.6	10,500	205
210	45.3	388.3	7,000*	47.3	394.4	8,800*	50.1	402.4	9,800	210
215	43.8	383.0	6,700*	45.8	389.5	8,400*	48.7	397.9	9,100	215
220	42.3	377.5	6,400*	44.3	384.3	8,100*	47.3	393.2	8,500	220
225	40.6	371.6	6,100*	42.8	378.9	7,700*	45.8	388.3	7,900	225
230	38.9	365.3	5,900*	41.2	373.1	7,400*	44.3	383.1	7,300	230
235	37.2	358.7	5,600*	39.5	367.0	7,000*	42.7	377.7	6,800	235
240	35.4	351.6	5,300*	37.8	360.5	6,800*	41.1	371.9	6,300	240
245	33.5	344.0	5,100*	36.0	353.5	6,500*	39.5	365.8	5,800	245
250	31.5	335.8	4,900*	34.1	346.1	6,200*	37.7	359.3	5,300	250
255	29.3	326.9	4,400*	32.1	338.1	5,900*	35.9	352.3	4,800	255
260	27.0	317.1	4,100*	30.0	329.5	5,700*	34.1	344.9	4,400	260
265	24.5	306.3	4,100*	27.8	320.0	5,300*	32.1	336.9	4,000	265
270				25.3	309.5	4,900*				270
275				22.6	297.7	4,500*				275
280				19.5	283.9	4,100*				280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

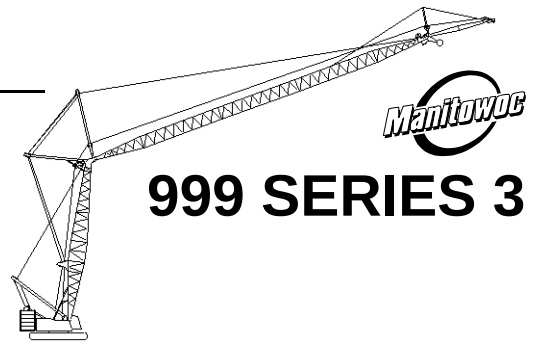
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

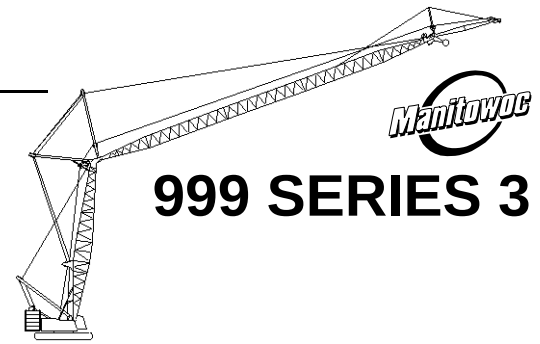
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

190 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.3	430.3	16,100*										85
90	73.0	428.7	16,000*										90
95	71.8	427.0	15,900*										95
100	70.5	425.2	15,700*	72.2	427.2	18,300*							100
105	69.3	423.3	15,600*	70.9	425.4	18,200*							105
110	68.0	421.2	15,400*	69.7	423.5	18,100*							110
115	66.7	419.0	15,200*	68.4	421.5	17,900*							115
120	65.4	416.7	15,000*	67.1	419.3	17,700*	69.7	422.4	17,800*				120
125	64.1	414.2	14,900*	65.8	417.0	17,500*	68.4	420.4	17,700*				125
130	62.8	411.6	14,700*	64.5	414.6	17,400*	67.1	418.2	17,600*				130
135	61.4	408.8	14,600*	63.2	412.0	17,300*	65.8	415.9	17,400*				135
140	60.0	405.9	14,400*	61.8	409.3	17,000*	64.5	413.5	17,200*				140
145	58.6	402.8	13,900*	60.5	406.4	16,800*	63.2	410.9	17,000*	65.8	414.2	17,000*	145
150	57.2	399.5	13,200*	59.1	403.4	16,100*	61.8	408.2	16,900*	64.4	411.8	16,900*	150
155	55.8	396.1	12,600*	57.7	400.2	15,400*	60.5	405.3	16,700*	63.1	409.2	16,800*	155
160	54.3	392.4	12,000*	56.3	396.8	14,700*	59.1	402.2	16,600*	61.8	406.5	16,700*	160
165	52.9	388.6	11,400*	54.8	393.2	14,000*	57.7	399.0	16,400*	60.4	403.6	16,500*	165
170	51.3	384.6	10,800*	53.3	389.4	13,300*	56.2	395.6	16,300*	59.0	400.5	15,700	170
175	49.8	380.3	10,200*	51.8	385.5	12,700*	54.8	392.1	16,100*	57.6	397.3	14,800	175
180	48.2	375.8	9,700*	50.3	381.3	12,100*	53.3	388.3	15,900*	56.2	393.9	13,900	180
185	46.6	371.0	9,200*	48.7	376.8	11,500*	51.8	384.3	15,200*	54.7	390.3	13,100	185
190	44.9	365.9	8,700*	47.1	372.1	10,900*	50.3	380.1	14,500*	53.3	386.6	12,400	190
195	43.1	360.6	8,300*	45.4	367.2	10,400*	48.7	375.7	13,800*	51.7	382.6	11,600	195
200	41.4	354.8	7,900*	43.7	361.9	9,800*	47.1	371.0	13,200*	50.2	378.4	10,900	200
205	39.5	348.7	7,500*	41.9	356.3	9,300*	45.4	366.0	12,600*	48.6	373.9	10,300	205
210	37.6	342.2	7,100*	40.1	350.3	8,900*	43.7	360.7	11,900*	47.0	369.2	9,700	210
215	35.5	335.2	6,800*	38.2	343.9	8,400*	41.9	355.1	11,400*	45.3	364.2	9,100	215
220	33.4	327.6	6,400*	36.2	337.1	8,000*	40.1	349.1	10,800*	43.6	358.9	8,500	220
225	31.1	319.3	6,100*	34.1	329.7	7,600*	38.1	342.7	10,200	41.8	353.3	8,000	225
230	28.6	310.2	5,900*	31.8	321.6	7,200*	36.1	335.9	9,700*	40.0	347.3	7,400	230
235	26.0	300.0	5,600*	29.4	312.8	6,900*	34.0	328.4	9,100	38.1	340.9	6,900	235
240	23.0	288.5	5,400*	26.9	303.0	6,600*	31.8	320.4	8,600	36.1	334.0	6,500	240
245	19.6	274.9	5,200*	24.0	292.0	6,300*	29.4	311.5	8,100	34.0	326.6	6,000	245
250	15.4	257.9	5,100*	20.7	279.1	6,100*	26.8	301.7	7,600	31.7	318.5	5,600	250
255	9.3	232.8	5,100*	16.9	263.5	5,900*	23.9	290.6	7,100	29.3	309.6	5,100	255
260				11.7	242.1	5,700*	20.7	277.8	6,600	26.7	299.8	4,700	260
265							16.8	262.0	6,200	23.8	288.6	4,300	265
270							11.5	240.4	5,700				270



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

190 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.9	440.7	15,500*										85
90	73.7	439.2	15,400*										90
95	72.5	437.6	15,300*										95
100	71.3	435.9	15,200*	72.9	437.7	17,700*							100
105	70.1	434.0	15,000*	71.7	436.0	17,600*							105
110	68.9	432.1	14,900*	70.5	434.2	17,500*							110
115	67.7	430.0	14,800*	69.3	432.3	17,300*							115
120	66.4	427.7	14,600*	68.1	430.2	17,200*							120
125	65.2	425.4	14,400*	66.8	428.0	17,000*	69.3	431.2	17,100*				125
130	63.9	422.9	14,300*	65.6	425.7	16,900*	68.1	429.1	17,000*				130
135	62.6	420.3	14,100*	64.3	423.3	16,700*	66.8	426.9	16,900*				135
140	61.3	417.5	14,000*	63.1	420.7	16,500*	65.6	424.6	16,800*				140
145	60.0	414.5	13,500*	61.8	418.0	16,300*	64.3	422.2	16,600*	66.8	425.3	16,600*	145
150	58.7	411.5	12,900*	60.5	415.1	15,600*	63.0	419.6	16,500*	65.5	422.9	16,500*	150
155	57.4	408.2	12,300*	59.1	412.1	15,000*	61.7	416.8	16,300*	64.3	420.5	16,300*	155
160	56.0	404.8	11,700*	57.8	408.9	14,300*	60.4	413.9	16,200*	63.0	417.9	16,200*	160
165	54.6	401.2	11,200*	56.4	405.5	13,700*	59.1	410.9	16,100*	61.7	415.1	16,000	165
170	53.2	397.4	10,600*	55.0	401.9	13,100*	57.8	407.7	15,900*	60.4	412.3	15,000	170
175	51.7	393.4	10,100*	53.6	398.2	12,500*	56.4	404.3	15,800*	59.1	409.2	14,100	175
180	50.2	389.2	9,600*	52.2	394.3	11,900*	55.0	400.8	15,600*	57.7	406.0	13,200	180
185	48.7	384.8	9,100*	50.7	390.2	11,400*	53.6	397.1	15,000*	56.3	402.6	12,400	185
190	47.2	380.1	8,700*	49.2	385.8	10,800*	52.1	393.1	14,300*	55.0	399.1	11,700	190
195	45.6	375.1	8,300*	47.7	381.2	10,300*	50.7	389.0	13,600	53.5	395.3	10,900	195
200	43.9	369.9	7,800*	46.1	376.3	9,800*	49.2	384.6	12,900	52.1	391.4	10,300	200
205	42.2	364.3	7,400*	44.5	371.2	9,300*	47.6	380.0	12,200	50.6	387.3	9,600	205
210	40.5	358.5	7,100*	42.8	365.8	8,900*	46.0	375.2	11,500	49.1	382.9	9,000	210
215	38.7	352.2	6,700*	41.0	360.0	8,400*	44.4	370.0	10,800	47.6	378.3	8,400	215
220	36.8	345.5	6,400*	39.3	353.8	8,000*	42.7	364.6	10,200	46.0	373.4	7,800	220
225	34.8	338.2	6,100*	37.4	347.3	7,600*	41.0	358.8	9,600	44.4	368.2	7,300	225
230	32.7	330.4	5,800*	35.4	340.2	7,300*	39.2	352.6	9,000	42.7	362.8	6,800	230
235	30.4	321.9	5,600*	33.4	332.6	6,900*	37.3	346.0	8,500	40.9	357.0	6,300	235
240	28.0	312.6	5,400*	31.2	324.4	6,600*	35.4	339.0	8,000	39.1	350.8	5,800	240
245	25.4	302.2	5,200*	28.8	315.3	6,300*	33.3	331.4	7,500	37.3	344.2	5,300	245
250	22.5	290.4	5,000*	26.3	305.3	6,100*	31.1	323.1	7,000	35.3	337.1	4,900	250
255	19.1	276.5	4,800*	23.5	294.0	5,800*	28.8	314.0	6,500	33.2	329.5	4,500	255
260	15.0	259.1	4,700*	20.3	280.8	5,600*	26.2	304.0	6,000	31.0	321.2	4,100	260
265	9.1	233.5	4,700*	16.5	264.8	5,400*	23.4	292.6	5,600				265
270				11.4	243.0	5,300*	20.2	279.5	5,200				270
275							16.4	263.4	4,800				275
280							11.3	241.3	4,300				280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

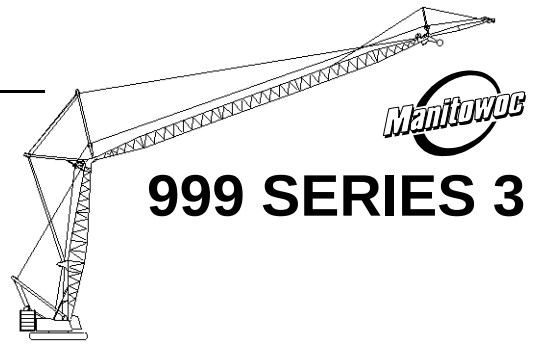
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.4	449.7	15,200*										90
95	73.2	448.1	14,700*										95
100	72.1	446.5	14,600*										100
105	70.9	444.7	14,500*	72.5	446.6	16,900*							105
110	69.8	442.8	14,400*	71.3	444.9	16,800*							110
115	68.6	440.8	14,200*	70.1	443.0	16,700*							115
120	67.4	438.7	14,100*	69.0	441.0	16,600*							120
125	66.2	436.4	14,000*	67.8	439.0	16,500*							125
130	65.0	434.1	13,800*	66.6	436.8	16,300*	68.9	439.9	16,400*				130
135	63.8	431.6	13,700*	65.4	434.4	16,200*	67.8	437.8	16,300*				135
140	62.5	428.9	13,500*	64.2	432.0	16,000*	66.6	435.6	16,300*				140
145	61.3	426.1	13,100*	62.9	429.4	15,800*	65.4	433.3	16,200*				145
150	60.0	423.2	12,600*	61.7	426.6	15,200*	64.1	430.8	16,000*	66.5	434.0	15,900*	150
155	58.8	420.1	12,000*	60.4	423.7	14,600*	62.9	428.2	15,900*	65.3	431.6	15,900*	155
160	57.5	416.9	11,400*	59.2	420.7	14,000*	61.7	425.5	15,800*	64.1	429.2	15,800*	160
165	56.1	413.5	10,900*	57.9	417.5	13,400*	60.4	422.6	15,700*	62.9	426.5	15,600	165
170	54.8	409.9	10,400*	56.6	414.2	12,800*	59.1	419.6	15,500*	61.6	423.8	14,600	170
175	53.4	406.2	9,900*	55.2	410.7	12,300*	57.8	416.4	15,400*	60.4	420.9	13,700	175
180	52.0	402.2	9,500*	53.9	407.0	11,700*	56.5	413.0	15,300*	59.1	417.9	12,900	180
185	50.6	398.1	9,000*	52.5	403.1	11,200*	55.2	409.5	14,700*	57.8	414.7	12,100	185
190	49.2	393.7	8,600*	51.1	399.0	10,700*	53.8	405.8	14,100*	56.5	411.3	11,300	190
195	47.7	389.1	8,200*	49.7	394.7	10,200*	52.5	401.9	13,300	55.2	407.8	10,600	195
200	46.2	384.3	7,800*	48.2	390.2	9,700*	51.1	397.9	12,500	53.8	404.1	9,900	200
205	44.6	379.2	7,400*	46.7	385.5	9,300*	49.6	393.6	11,800	52.4	400.2	9,200	205
210	43.0	373.8	7,100*	45.1	380.4	8,800*	48.1	389.0	11,100	51.0	396.1	8,600	210
215	41.4	368.1	6,700*	43.5	375.1	8,400*	46.6	384.3	10,500	49.6	391.8	8,000	215
220	39.6	362.0	6,400*	41.9	369.5	8,000*	45.1	379.2	9,800	48.1	387.3	7,500	220
225	37.9	355.5	6,100*	40.2	363.6	7,700*	43.5	373.9	9,200	46.6	382.5	6,900	225
230	36.0	348.6	5,800*	38.4	357.2	7,300*	41.9	368.3	8,700	45.0	377.5	6,400	230
235	34.1	341.2	5,600*	36.6	350.5	7,000*	40.2	362.4	8,100	43.4	372.2	5,900	235
240	32.0	333.2	5,300*	34.7	343.3	6,600*	38.4	356.0	7,600	41.8	366.5	5,400	240
245	29.8	324.5	5,100*	32.7	335.5	6,300*	36.6	349.3	7,100	40.1	360.6	5,000	245
250	27.5	315.0	4,900*	30.5	327.0	6,100*	34.7	342.0	6,600	38.3	354.2	4,500	250
255	24.9	304.3	4,700*	28.2	317.8	5,800*	32.6	334.2	6,100	36.5	347.4	4,100	255
260	22.0	292.3	4,600*	25.8	307.5	5,600*	30.5	325.7	5,700				260
265	18.8	278.1	4,400*	23.0	295.9	5,400*	28.2	316.5	5,300				265
270	14.7	260.3	4,400*	19.9	282.5	5,200*	25.7	306.2	4,800				270
275	8.9	234.2	4,400*	16.2	266.2	5,100*	22.9	294.6	4,400				275
280				11.2	243.9	5,000*	19.8	281.1	4,000				280



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

190 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.0	460.1	14,100*										90
95	73.9	458.6	14,000*										95
100	72.8	457.0	13,900*										100
105	71.7	455.3	13,800*										105
110	70.5	453.5	13,700*	72.0	455.5	16,100*							110
115	69.4	451.6	13,600*	70.9	453.7	16,000*							115
120	68.3	449.6	13,500*	69.8	451.8	15,900*							120
125	67.1	447.4	13,400*	68.6	449.8	15,800*							125
130	66.0	445.1	13,200*	67.5	447.7	15,700*	69.8	450.7	15,700*				130
135	64.8	442.7	13,100*	66.4	445.5	15,600*	68.6	448.7	15,600*				135
140	63.6	440.2	13,000*	65.2	443.1	15,400*	67.5	446.6	15,600*				140
145	62.5	437.6	12,700*	64.0	440.6	15,200*	66.3	444.3	15,500*				145
150	61.2	434.8	12,100*	62.8	438.0	14,600*	65.2	442.0	15,400*				150
155	60.0	431.9	11,600*	61.6	435.3	14,100*	64.0	439.5	15,400*	66.3	442.7	15,100*	155
160	58.8	428.8	11,100*	60.4	432.4	13,500*	62.8	436.9	15,300*	65.1	440.3	15,100*	160
165	57.6	425.6	10,600*	59.2	429.4	13,000*	61.6	434.1	15,200*	64.0	437.8	14,900	165
170	56.3	422.2	10,100*	58.0	426.2	12,500*	60.4	431.3	15,000*	62.8	435.2	13,900	170
175	55.0	418.6	9,700*	56.7	422.9	12,000*	59.2	428.2	14,900*	61.6	432.5	13,000	175
180	53.7	414.9	9,200*	55.4	419.4	11,500*	57.9	425.1	14,800*	60.4	429.6	12,200	180
185	52.4	411.0	8,800*	54.1	415.7	11,000*	56.7	421.7	14,200*	59.1	426.5	11,400	185
190	51.0	406.9	8,400*	52.8	411.9	10,500*	55.4	418.2	13,400	57.9	423.4	10,600	190
195	49.6	402.6	8,000*	51.4	407.9	10,000*	54.1	414.6	12,600	56.6	420.0	9,900	195
200	48.2	398.1	7,600*	50.1	403.6	9,600*	52.8	410.7	11,900	55.3	416.5	9,200	200
205	46.7	393.4	7,300*	48.7	399.2	9,100*	51.4	406.7	11,200	54.0	412.9	8,600	205
210	45.3	388.4	6,900*	47.2	394.5	8,700*	50.0	402.5	10,500	52.7	409.0	7,900	210
215	43.7	383.1	6,600*	45.7	389.6	8,300*	48.6	398.0	9,800	51.4	405.0	7,400	215
220	42.2	377.6	6,300*	44.2	384.4	7,900*	47.2	393.3	9,200	50.0	400.7	6,800	220
225	40.5	371.7	6,000*	42.7	379.0	7,600*	45.7	388.4	8,600	48.6	396.3	6,300	225
230	38.9	365.5	5,700*	41.1	373.2	7,200*	44.2	383.3	8,100	47.1	391.6	5,800	230
235	37.1	358.8	5,500*	39.4	367.1	6,900*	42.6	377.8	7,500	45.7	386.7	5,300	235
240	35.3	351.8	5,200*	37.7	360.6	6,600*	41.0	372.0	7,000	44.1	381.5	4,800	240
245	33.4	344.2	5,000*	35.9	353.7	6,300*	39.4	365.9	6,500	42.6	376.0	4,300	245
250	31.4	336.0	4,800*	34.0	346.3	6,000*	37.7	359.4	6,000				250
255	29.2	327.1	4,200*	32.0	338.3	5,800*	35.9	352.4	5,600				255
260	26.9	317.3	4,000*	29.9	329.6	5,500*	34.0	345.0	5,100				260
265				27.7	320.2	5,300*	32.0	337.0	4,700				265
270				25.3	309.7	5,100*	29.9	328.4	4,300				270
275				22.6	297.9	4,900*							275
280				19.5	284.2	4,800*							280
285				15.8	267.5	4,400*							285
290				10.9	244.8	4,000*							290

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.5	469.0	13,400*							95
100	73.4	467.5	13,300*							100
105	72.3	465.9	13,200*							105
110	71.3	464.2	13,100*	72.7	466.0	15,300*				110
115	70.2	462.3	13,000*	71.6	464.3	15,200*				115
120	69.1	460.4	12,900*	70.5	462.5	15,100*				120
125	68.0	458.3	12,700*	69.4	460.6	15,000*				125
130	66.9	456.1	12,600*	68.3	458.6	15,000*				130
135	65.8	453.8	12,500*	67.2	456.4	15,000*	69.4	459.5	14,900*	135
140	64.6	451.4	12,400*	66.1	454.2	14,700*	68.3	457.4	14,900*	140
145	63.5	448.9	12,200*	65.0	451.8	14,500*	67.2	455.3	14,800*	145
150	62.4	446.2	11,700*	63.9	449.3	14,100*	66.1	453.0	14,700*	150
155	61.2	443.4	11,200*	62.7	446.7	13,600*	65.0	450.7	14,700*	155
160	60.0	440.5	10,800*	61.6	443.9	13,100*	63.9	448.2	14,600*	160
165	58.8	437.5	10,300*	60.4	441.1	12,600*	62.7	445.6	14,600*	165
170	57.6	434.3	9,900*	59.2	438.0	12,100*	61.6	442.8	14,400*	170
175	56.4	430.9	9,400*	58.0	434.9	11,600*	60.4	439.9	14,400*	175
180	55.2	427.4	9,000*	56.8	431.6	11,200*	59.2	436.9	14,200*	180
185	53.9	423.7	8,600*	55.6	428.1	10,700*	58.0	433.7	13,700	185
190	52.6	419.8	8,200*	54.3	424.5	10,300*	56.8	430.4	12,900	190
195	51.3	415.8	7,900*	53.1	420.7	9,800*	55.6	427.0	12,100	195
200	50.0	411.6	7,500*	51.8	416.7	9,400*	54.3	423.3	11,400	200
205	48.7	407.1	7,100*	50.4	412.5	9,000*	53.0	419.5	10,600	205
210	47.3	402.5	6,800*	49.1	408.1	8,600*	51.7	415.5	10,000	210
215	45.9	397.6	6,500*	47.7	403.6	8,200*	50.4	411.4	9,300	215
220	44.4	392.4	6,200*	46.3	398.7	7,900*	49.1	407.0	8,700	220
225	42.9	387.0	5,900*	44.9	393.7	7,500*	47.7	402.4	8,100	225
230	41.4	381.3	5,700*	43.4	388.4	7,200*	46.3	397.6	7,500	230
235	39.8	375.3	5,400*	41.9	382.7	6,900*	44.8	392.5	7,000	235
240	38.1	368.9	4,800*	40.3	376.8	6,600*	43.4	387.2	6,500	240
245	36.4	362.1	4,500*	38.7	370.5	6,300*	41.8	381.6	6,000	245
250	34.6	354.8	4,200*	37.0	363.9	6,000*	40.3	375.6	5,500	250
255				35.2	356.8	5,800*	38.6	369.3	5,000	255
260				33.4	349.2	5,500*	36.9	362.7	4,600	260
265				31.4	341.0	5,300*	35.2	355.6	4,200	265
270				29.4	332.2	5,100*				270
275				27.2	322.5	4,700*				275
280				24.8	311.8	4,300*				280

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	440.8	13,100*										85
90	73.5	439.3	13,000*										90
95	72.3	437.7	12,800*										95
100	71.1	436.0	12,700*	72.7	437.8	14,800*							100
105	69.9	434.1	12,500*	71.5	436.1	14,600*							105
110	68.7	432.1	12,400*	70.3	434.3	14,400*							110
115	67.4	430.0	12,200*	69.1	432.4	14,300*							115
120	66.2	427.8	12,100*	67.8	430.3	14,100*							120
125	64.9	425.5	11,900*	66.6	428.1	13,900*	69.0	431.2	14,100*				125
130	63.7	423.0	11,700*	65.3	425.8	13,800*	67.8	429.2	13,900*				130
135	62.4	420.3	11,600*	64.1	423.4	13,600*	66.6	427.0	13,700*				135
140	61.1	417.6	11,500*	62.8	420.8	13,400*	65.3	424.7	13,600*				140
145	59.8	414.6	11,300*	61.5	418.1	13,200*	64.1	422.2	13,400*	66.5	425.3	13,500*	145
150	58.4	411.6	11,200*	60.2	415.2	13,100*	62.8	419.7	13,300*	65.3	423.0	13,300*	150
155	57.1	408.3	11,000*	58.9	412.1	12,900*	61.5	416.9	13,100*	64.0	420.6	13,200*	155
160	55.7	404.9	10,900*	57.5	408.9	12,700*	60.2	414.0	13,000*	62.7	418.0	13,200*	160
165	54.3	401.3	10,800*	56.2	405.6	12,600*	58.8	411.0	12,800*	61.4	415.2	12,900*	165
170	52.9	397.5	10,400*	54.8	402.0	12,400*	57.5	407.8	12,700*	60.1	412.3	12,800*	170
175	51.5	393.5	9,900*	53.4	398.3	12,200*	56.1	404.4	12,500*	58.8	409.3	12,700*	175
180	50.0	389.3	9,400*	51.9	394.4	11,700*	54.7	400.9	12,300*	57.5	406.1	12,500*	180
185	48.5	384.9	9,000*	50.5	390.3	11,100*	53.3	397.2	12,200*	56.1	402.7	12,400*	185
190	46.9	380.2	8,500*	49.0	385.9	10,600*	51.9	393.2	12,000*	54.7	399.2	12,200*	190
195	45.3	375.2	8,100*	47.4	381.3	10,100*	50.4	389.1	11,900*	53.3	395.4	11,500	195
200	43.7	370.0	7,700*	45.8	376.4	9,600*	48.9	384.7	11,800*	51.8	391.5	10,800	200
205	42.0	364.5	7,300*	44.2	371.3	9,100*	47.4	380.1	11,600*	50.4	387.4	10,200	205
210	40.2	358.6	6,900*	42.5	365.9	8,700*	45.8	375.3	11,400*	48.9	383.0	9,600	210
215	38.4	352.3	6,600*	40.8	360.1	8,200*	44.2	370.1	11,100*	47.3	378.4	9,000	215
220	36.5	345.6	6,200*	39.0	354.0	7,800*	42.5	364.7	10,600*	45.7	373.5	8,400	220
225	34.5	338.4	5,900*	37.1	347.4	7,400*	40.8	358.9	10,100*	44.1	368.3	7,900	225
230	32.4	330.6	5,600*	35.2	340.3	7,000*	39.0	352.7	9,600*	42.4	362.9	7,400	230
235	30.2	322.1	5,400*	33.1	332.8	6,700*	37.1	346.2	9,100*	40.7	357.1	6,900	235
240	27.8	312.8	5,100*	30.9	324.5	6,400*	35.1	339.1	8,600*	38.9	350.9	6,400	240
245	25.2	302.4	4,900*	28.6	315.5	6,100*	33.1	331.5	8,100	37.0	344.3	6,000	245
250	22.3	290.6	4,700*	26.1	305.5	5,800*	30.9	323.2	7,600	35.1	337.3	5,500	250
255	18.9	276.7	4,600*	23.3	294.2	5,500*	28.5	314.2	7,100	33.0	329.6	5,100	255
260	14.9	259.4	4,500*	20.1	281.1	5,300*	26.0	304.2	6,700	30.8	321.4	4,700	260
265	9.0	234.0	4,400*	16.3	265.1	5,100*	23.2	292.8	6,200	28.5	312.3	4,300	265
270				11.2	243.4	5,000*	20.0	279.7	5,800				270
275							16.2	263.7	5,400				275
280							11.1	241.8	5,000				280

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

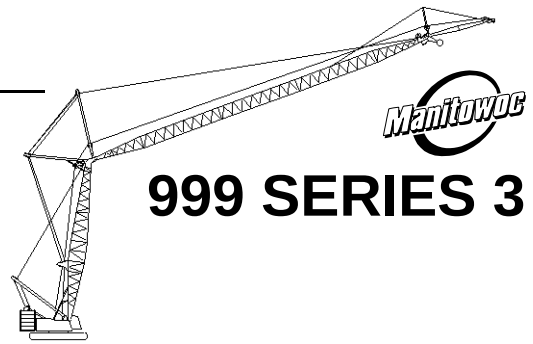
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

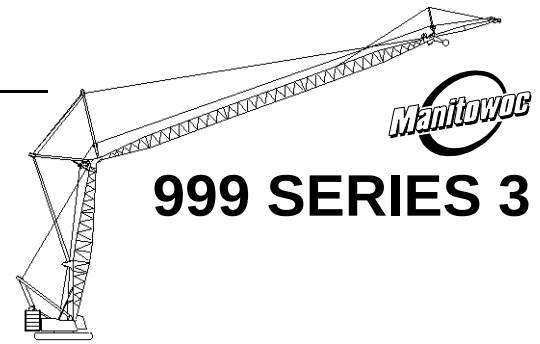
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

190 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.1	449.8	12,600*										90
95	73.0	448.2	12,500*										95
100	71.8	446.6	12,400*										100
105	70.7	444.8	12,200*	72.2	446.7	14,300*							105
110	69.5	442.9	12,100*	71.0	444.9	14,200*							110
115	68.3	440.9	12,000*	69.9	443.1	14,000*							115
120	67.2	438.8	11,800*	68.7	441.1	13,800*							120
125	66.0	436.5	11,700*	67.5	439.0	13,700*	69.9	442.0	13,800*				125
130	64.7	434.1	11,500*	66.3	436.8	13,500*	68.7	440.0	13,700*				130
135	63.5	431.6	11,400*	65.1	434.5	13,400*	67.5	437.9	13,500*				135
140	62.3	429.0	11,300*	63.9	432.0	13,200*	66.3	435.7	13,400*				140
145	61.0	426.2	11,200*	62.7	429.4	13,100*	65.1	433.4	13,200*				145
150	59.8	423.3	11,000*	61.5	426.7	12,900*	63.9	430.9	13,100*	66.3	434.0	13,100*	150
155	58.5	420.2	10,900*	60.2	423.8	12,800*	62.7	428.3	12,900*	65.1	431.7	13,100*	155
160	57.2	417.0	10,800*	58.9	420.8	12,600*	61.4	425.6	12,900*	63.9	429.2	12,900*	160
165	55.9	413.6	10,700*	57.6	417.6	12,500*	60.2	422.7	12,600*	62.6	426.6	12,700*	165
170	54.5	410.0	10,200*	56.3	414.3	12,300*	58.9	419.7	12,500*	61.4	423.9	12,600*	170
175	53.2	406.3	9,800*	55.0	410.8	12,000*	57.6	416.5	12,400*	60.1	421.0	12,500*	175
180	51.8	402.3	9,300*	53.6	407.1	11,500*	56.3	413.1	12,200*	58.8	418.0	12,400*	180
185	50.4	398.2	8,800*	52.3	403.2	11,000*	55.0	409.6	12,100*	57.6	414.8	12,200*	185
190	48.9	393.8	8,400*	50.8	399.1	10,500*	53.6	405.9	11,900*	56.2	411.4	11,600	190
195	47.5	389.2	8,000*	49.4	394.8	10,000*	52.2	402.0	11,800*	54.9	407.9	10,800	195
200	45.9	384.4	7,600*	47.9	390.3	9,500*	50.8	398.0	11,700*	53.6	404.2	10,200	200
205	44.4	379.3	7,200*	46.4	385.6	9,100*	49.4	393.7	11,600*	52.2	400.3	9,500	205
210	42.8	373.9	6,900*	44.9	380.5	8,600*	47.9	389.1	11,400*	50.8	396.2	8,900	210
215	41.1	368.2	6,500*	43.3	375.2	8,200*	46.4	384.4	10,800	49.3	391.9	8,300	215
220	39.4	362.1	6,200*	41.7	369.6	7,800*	44.9	379.4	10,200	47.9	387.4	7,700	220
225	37.6	355.7	5,900*	40.0	363.7	7,500*	43.3	374.1	9,600	46.3	382.6	7,200	225
230	35.8	348.8	5,600*	38.2	357.4	7,100*	41.6	368.4	9,000	44.8	377.6	6,700	230
235	33.8	341.4	5,400*	36.4	350.6	6,700*	39.9	362.5	8,500	43.2	372.3	6,200	235
240	31.8	333.4	5,100*	34.5	343.4	6,400*	38.2	356.2	7,900	41.6	366.7	5,700	240
245	29.6	324.7	4,900*	32.4	335.6	6,100*	36.3	349.4	7,400	39.9	360.7	5,300	245
250	27.2	315.2	4,700*	30.3	327.2	5,800*	34.4	342.2	7,000	38.1	354.3	4,900	250
255	24.7	304.5	4,500*	28.0	317.9	5,600*	32.4	334.4	6,500	36.3	347.6	4,400	255
260	21.8	292.5	4,300*	25.5	307.7	5,300*	30.3	325.9	6,100	34.4	340.3	4,000	260
265	18.6	278.3	4,200*	22.8	296.1	5,100*	28.0	316.6	5,600				265
270	14.5	260.6	4,100*	19.7	282.8	4,900*	25.5	306.4	5,200				270
275	8.8	234.7	4,100*	16.0	266.5	4,800*	22.7	294.8	4,800				275
280				11.0	244.3	4,700*	19.6	281.4	4,400				280
285							15.9	265.0	4,000				285



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

190 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.7	460.2	12,300*										90
95	73.6	458.7	12,200*										95
100	72.5	457.1	12,100*										100
105	71.4	455.4	12,000*	72.9	457.2	13,900*							105
110	70.3	453.6	11,800*	71.8	455.5	13,800*							110
115	69.2	451.7	11,700*	70.7	453.8	13,700*							115
120	68.0	449.6	11,600*	69.5	451.9	13,500*							120
125	66.9	447.5	11,400*	68.4	449.9	13,400*							125
130	65.7	445.2	11,300*	67.3	447.8	13,300*	69.5	450.8	13,400*				130
135	64.6	442.8	11,200*	66.1	445.5	13,100*	68.4	448.8	13,300*				135
140	63.4	440.3	11,100*	65.0	443.2	13,100*	67.2	446.7	13,100*				140
145	62.2	437.7	11,000*	63.8	440.7	12,900*	66.1	444.4	13,000*				145
150	61.0	434.9	10,800*	62.6	438.1	12,700*	64.9	442.1	12,800*				150
155	59.8	432.0	10,700*	61.4	435.4	12,600*	63.8	439.6	12,700*	66.0	442.8	12,800*	155
160	58.6	428.9	10,600*	60.2	432.5	12,500*	62.6	437.0	12,600*	64.9	440.4	12,700*	160
165	57.3	425.7	10,500*	59.0	429.5	12,300*	61.4	434.2	12,500*	63.7	437.9	12,500*	165
170	56.0	422.3	10,000*	57.7	426.3	12,200*	60.2	431.4	12,400*	62.5	435.3	12,400*	170
175	54.8	418.7	9,600*	56.5	423.0	11,800*	58.9	428.3	12,200*	61.3	432.6	12,300*	175
180	53.4	415.0	9,100*	55.2	419.5	11,300*	57.7	425.2	12,100*	60.1	429.7	12,300*	180
185	52.1	411.1	8,700*	53.9	415.8	10,800*	56.4	421.8	12,000*	58.9	426.6	11,900	185
190	50.8	407.0	8,300*	52.6	412.0	10,300*	55.1	418.3	11,800*	57.6	423.5	11,200	190
195	49.4	402.8	7,900*	51.2	408.0	9,900*	53.8	414.7	11,700*	56.4	420.1	10,400	195
200	48.0	398.2	7,500*	49.8	403.7	9,400*	52.5	410.8	11,600*	55.1	416.6	9,800	200
205	46.5	393.5	7,200*	48.4	399.3	9,000*	51.2	406.8	11,500*	53.8	413.0	9,100	205
210	45.0	388.5	6,800*	47.0	394.6	8,600*	49.8	402.6	11,000	52.5	409.1	8,500	210
215	43.5	383.2	6,500*	45.5	389.7	8,200*	48.4	398.1	10,400	51.1	405.1	7,900	215
220	41.9	377.7	6,200*	44.0	384.6	7,800*	47.0	393.5	9,800	49.7	400.8	7,400	220
225	40.3	371.8	5,900*	42.5	379.1	7,500*	45.5	388.5	9,200	48.3	396.4	6,800	225
230	38.6	365.6	5,600*	40.8	373.3	7,100*	44.0	383.4	8,600	46.9	391.7	6,300	230
235	36.9	359.0	5,300*	39.2	367.2	6,800*	42.4	377.9	8,100	45.4	386.8	5,800	235
240	35.1	351.9	5,100*	37.5	360.7	6,500*	40.8	372.1	7,600	43.9	381.6	5,400	240
245	33.2	344.3	4,900*	35.7	353.8	6,100*	39.2	366.0	7,100	42.4	376.1	4,900	245
250	31.2	336.1	4,400*	33.8	346.4	5,900*	37.4	359.5	6,600	40.8	370.3	4,500	250
255	29.0	327.2	4,100*	31.8	338.4	5,600*	35.6	352.6	6,100	39.1	364.2	4,100	255
260				29.7	329.8	5,400*	33.8	345.2	5,700				260
265				27.5	320.3	5,100*	31.8	337.2	5,300				265
270				25.0	309.9	4,900*	29.7	328.5	4,800				270
275				22.3	298.1	4,700*	27.4	319.0	4,400				275
280				19.3	284.4	4,600*	25.0	308.6	4,100				280
285				15.6	267.8	4,500*							285
290				10.8	245.2	4,400*							290

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

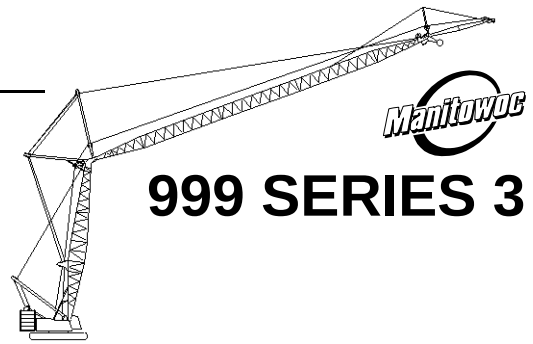
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

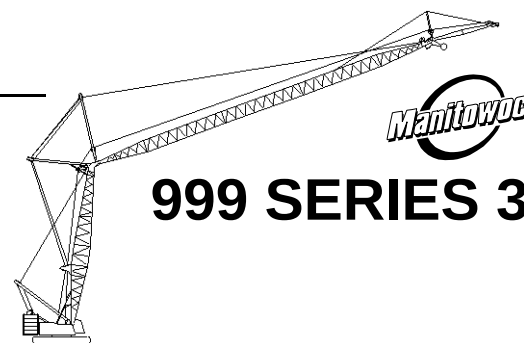
190 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.2	469.1	11,800*							95
100	73.2	467.6	11,700*							100
105	72.1	466.0	11,600*							105
110	71.0	464.2	11,500*	72.4	466.1	13,400*				110
115	69.9	462.4	11,400*	71.4	464.4	13,300*				115
120	68.9	460.4	11,300*	70.3	462.6	13,200*				120
125	67.8	458.4	11,200*	69.2	460.7	13,100*				125
130	66.7	456.2	11,000*	68.1	458.6	13,000*				130
135	65.5	453.9	10,900*	67.0	456.5	12,800*	69.2	459.6	12,900*	135
140	64.4	451.5	10,800*	65.9	454.3	12,700*	68.1	457.5	12,800*	140
145	63.3	449.0	10,700*	64.8	451.9	12,600*	67.0	455.4	12,700*	145
150	62.1	446.3	10,600*	63.7	449.4	12,500*	65.9	453.1	12,600*	150
155	61.0	443.5	10,500*	62.5	446.8	12,300*	64.8	450.8	12,500*	155
160	59.8	440.6	10,400*	61.4	444.0	12,200*	63.6	448.3	12,400*	160
165	58.6	437.6	10,200*	60.2	441.2	12,100*	62.5	445.6	12,200*	165
170	57.4	434.3	9,700*	59.0	438.1	11,900*	61.3	442.9	12,100*	170
175	56.2	431.0	9,300*	57.8	435.0	11,400*	60.2	440.0	12,000*	175
180	55.0	427.5	8,900*	56.6	431.7	11,000*	59.0	437.0	11,900*	180
185	53.7	423.8	8,500*	55.4	428.2	10,500*	57.8	433.8	11,800*	185
190	52.4	419.9	8,100*	54.1	424.6	10,100*	56.6	430.5	11,700*	190
195	51.1	415.9	7,700*	52.8	420.8	9,700*	55.3	427.1	11,500*	195
200	49.8	411.7	7,400*	51.5	416.8	9,300*	54.1	423.4	11,400*	200
205	48.4	407.2	7,000*	50.2	412.6	8,800*	52.8	419.6	11,100	205
210	47.0	402.6	6,700*	48.9	408.3	8,500*	51.5	415.6	10,400	210
215	45.6	397.7	6,400*	47.5	403.7	8,100*	50.2	411.5	9,800	215
220	44.2	392.5	6,100*	46.1	398.9	7,700*	48.8	407.1	9,100	220
225	42.7	387.1	5,800*	44.6	393.8	7,400*	47.5	402.5	8,600	225
230	41.1	381.4	5,500*	43.2	388.5	7,000*	46.1	397.7	8,000	230
235	39.6	375.4	5,300*	41.6	382.9	6,700*	44.6	392.6	7,500	235
240	37.9	369.0	5,000*	40.1	376.9	6,400*	43.1	387.3	6,900	240
245	36.2	362.2	4,400*	38.5	370.7	6,100*	41.6	381.7	6,500	245
250	34.4	355.0	4,100*	36.8	364.0	5,900*	40.0	375.7	6,000	250
255				35.0	356.9	5,600*	38.4	369.5	5,500	255
260				33.2	349.3	5,300*	36.7	362.8	5,100	260
265				31.2	341.2	5,100*	35.0	355.7	4,700	265
270				29.2	332.3	4,600*	33.1	348.1	4,200	270
275				27.0	322.7	4,300*				275
280				24.6	312.0	4,100*				280

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.8	479.5	11,300*							95
100	73.8	478.1	11,300*							100
105	72.7	476.5	11,200*							105
110	71.7	474.8	11,100*							110
115	70.7	473.1	11,000*	72.0	475.0	12,800*				115
120	69.6	471.2	10,900*	71.0	473.2	12,700*				120
125	68.6	469.2	10,800*	70.0	471.4	12,700*				125
130	67.5	467.1	10,700*	68.9	469.4	12,500*				130
135	66.4	464.9	10,600*	67.8	467.4	12,400*	69.9	470.3	12,500*	135
140	65.4	462.6	10,500*	66.8	465.2	12,300*	68.9	468.3	12,400*	140
145	64.3	460.2	10,400*	65.7	463.0	12,300*	67.8	466.3	12,300*	145
150	63.2	457.7	10,300*	64.6	460.6	12,100*	66.8	464.1	12,200*	150
155	62.1	455.0	10,200*	63.5	458.1	12,000*	65.7	461.8	12,100*	155
160	60.9	452.2	10,100*	62.4	455.4	11,900*	64.6	459.4	12,000*	160
165	59.8	449.3	9,800*	61.3	452.7	11,800*	63.5	456.9	11,900*	165
170	58.7	446.2	9,400*	60.2	449.8	11,500*	62.4	454.3	11,800*	170
175	57.5	443.0	9,000*	59.0	446.8	11,100*	61.3	451.6	11,700*	175
180	56.3	439.7	8,700*	57.9	443.7	10,700*	60.2	448.7	11,600*	180
185	55.1	436.2	8,300*	56.7	440.4	10,200*	59.0	445.7	11,500*	185
190	53.9	432.5	7,900*	55.5	436.9	9,800*	57.9	442.5	11,500*	190
195	52.7	428.7	7,600*	54.3	433.3	9,500*	56.7	439.2	11,300*	195
200	51.4	424.7	7,200*	53.1	429.5	9,100*	55.5	435.8	11,300*	200
205	50.2	420.5	6,900*	51.8	425.6	8,700*	54.3	432.2	10,500	205
210	48.9	416.2	6,600*	50.6	421.5	8,300*	53.1	428.4	9,900	210
215	47.5	411.6	6,300*	49.3	417.2	8,000*	51.8	424.5	9,200	215
220	46.2	406.8	6,000*	48.0	412.7	7,600*	50.5	420.3	8,600	220
225	44.8	401.8	5,700*	46.6	408.0	7,300*	49.3	416.0	8,000	225
230	43.4	396.5	5,200*	45.2	403.0	7,000*	47.9	411.5	7,500	230
235	41.9	390.9	4,800*	43.8	397.8	6,600*	46.6	406.8	6,900	235
240	40.4	385.1	4,400*	42.4	392.3	6,400*	45.2	401.8	6,400	240
245	38.8	378.9	4,100*	40.9	386.6	6,100*	43.8	396.6	5,900	245
250				39.3	380.5	5,800*	42.3	391.1	5,500	250
255				37.8	374.1	5,600*	40.9	385.4	5,000	255
260				36.1	367.2	5,300*	39.3	379.3	4,600	260
265				34.4	360.0	4,700*	37.7	372.8	4,100	265
270				32.6	352.2	4,300*				270
275				30.7	343.9	4,000*				275

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

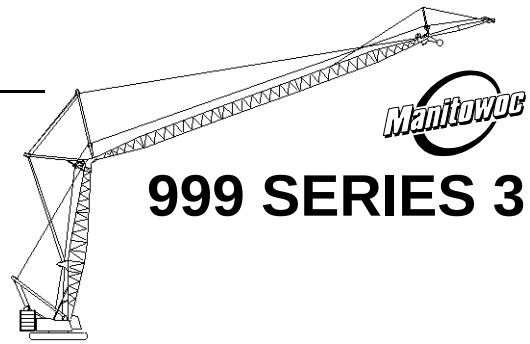
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.6	402.9	27,000*										70
75	73.2	401.4	26,600*										75
80	71.7	399.7	26,200*										80
85	70.2	397.9	25,700*	72.3	400.0	31,500*							85
90	68.7	396.0	25,200*	70.8	398.2	30,900*							90
95	67.1	393.9	24,600*	69.3	396.3	29,800*							95
100	65.6	391.7	24,000*	67.7	394.3	28,600*							100
105	64.0	389.2	23,000*	66.2	392.1	27,400*	69.4	395.4	30,300*				105
110	62.4	386.6	21,800*	64.6	389.8	26,200*	67.9	393.4	30,000*				110
115	60.8	383.9	20,700*	63.1	387.2	25,000*	66.3	391.2	29,700*				115
120	59.2	380.9	19,600*	61.4	384.5	23,800*	64.8	388.8	29,400*				120
125	57.5	377.8	18,600*	59.8	381.7	22,700*	63.2	386.3	28,500*	66.4	389.7	26,400	125
130	55.8	374.4	17,600*	58.2	378.6	21,600*	61.6	383.7	27,300*	64.9	387.3	24,600	130
135	54.1	370.8	16,700*	56.5	375.3	20,500*	60.0	380.8	26,200*	63.3	384.9	23,100	135
140	52.3	367.0	15,800*	54.7	371.8	19,400*	58.3	377.7	25,100*	61.7	382.2	21,600	140
145	50.4	362.9	15,000*	53.0	368.1	18,500*	56.6	374.5	23,900*	60.1	379.3	20,200	145
150	48.6	358.5	14,300*	51.2	364.1	17,500*	54.9	371.0	22,500	58.4	376.3	19,000	150
155	46.6	353.9	13,500*	49.3	359.8	16,600*	53.1	367.3	21,200	56.7	373.0	17,800	155
160	44.6	348.9	12,800*	47.4	355.3	15,800*	51.3	363.3	20,000	55.0	369.6	16,700	160
165	42.6	343.5	12,200*	45.4	350.4	15,000*	49.5	359.1	18,900	53.2	365.9	15,700	165
170	40.4	337.7	11,600*	43.4	345.2	14,200*	47.6	354.6	17,800	51.4	361.9	14,700	170
175	38.2	331.5	11,000*	41.3	339.6	13,500*	45.6	349.7	16,800	49.6	357.7	13,800	175
180	35.8	324.7	10,500*	39.1	333.5	12,900*	43.6	344.5	15,900	47.7	353.2	13,000	180
185	33.2	317.2	10,000*	36.7	327.0	12,200*	41.5	339.0	15,000	45.7	348.4	12,200	185
190	30.5	309.0	9,600*	34.2	319.8	11,600*	39.2	332.9	14,100	43.7	343.2	11,400	190
195	27.5	299.7	9,300*	31.6	311.9	11,100*	36.9	326.4	13,300	41.6	337.7	10,700	195
200	24.2	289.2	8,900*	28.7	303.1	10,600*	34.5	319.3	12,600	39.4	331.7	10,000	200
205	20.4	276.6	8,700*	25.6	293.1	10,200*	31.8	311.5	11,900	37.1	325.2	9,300	205
210	15.7	260.7	8,500*	22.0	281.4	9,900*	29.0	302.7	11,200	34.6	318.1	8,700	210
215	8.6	236.2	8,500*	17.7	267.0	9,600*	25.9	292.8	10,500	32.0	310.4	8,100	215
220				11.9	247.3	9,400*	22.3	281.3	9,800	29.2	301.7	7,500	220
225							18.1	267.2	9,200	26.1	291.9	7,000	225
230							12.5	248.2	8,600	22.6	280.5	6,400	230
235										18.4	266.6	5,900	235
240										13.0	248.1	5,400	240

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.4	411.7	24,200*										75
80	73.0	410.2	23,900*										80
85	71.6	408.5	23,500*										85
90	70.2	406.6	23,100*	72.2	408.7	27,900*							90
95	68.7	404.7	22,700*	70.7	406.9	27,500*							95
100	67.2	402.5	22,200*	69.3	405.0	27,000*							100
105	65.8	400.2	21,600*	67.8	402.9	26,000*							105
110	64.3	397.8	20,900*	66.4	400.7	24,900*	69.4	404.1	27,300*				110
115	62.7	395.2	19,800*	64.9	398.3	23,800*	67.9	402.0	27,100*				115
120	61.2	392.4	18,800*	63.3	395.8	22,800*	66.5	399.8	26,900*				120
125	59.6	389.5	17,900*	61.8	393.1	21,700*	65.0	397.4	26,700*				125
130	58.1	386.3	16,900*	60.3	390.2	20,700*	63.5	394.9	26,000*	66.6	398.3	24,800	130
135	56.4	383.0	16,100*	58.7	387.1	19,700*	61.9	392.2	25,000*	65.1	395.9	23,200	135
140	54.8	379.4	15,200*	57.1	383.9	18,700*	60.4	389.3	24,000*	63.6	393.4	21,700	140
145	53.1	375.6	14,400*	55.4	380.4	17,800*	58.8	386.3	23,000*	62.0	390.7	20,400	145
150	51.4	371.6	13,700*	53.8	376.7	16,900*	57.2	383.0	21,900*	60.5	387.9	19,100	150
155	49.6	367.3	13,000*	52.0	372.8	16,000*	55.6	379.6	20,900*	58.9	384.8	17,900	155
160	47.8	362.8	12,300*	50.3	368.6	15,200*	53.9	375.9	20,000*	57.3	381.6	16,800	160
165	45.9	357.9	11,700*	48.5	364.2	14,400*	52.2	372.0	19,000*	55.7	378.1	15,800	165
170	43.9	352.7	11,100*	46.6	359.4	13,700*	50.4	367.8	18,000	54.0	374.5	14,900	170
175	41.9	347.1	10,500*	44.7	354.3	13,000*	48.6	363.4	17,000	52.3	370.6	14,000	175
180	39.8	341.1	10,000*	42.7	348.9	12,300*	46.8	358.7	16,100	50.6	366.5	13,100	180
185	37.6	334.7	9,500*	40.7	343.1	11,700*	44.9	353.7	15,200	48.8	362.1	12,300	185
190	35.3	327.6	9,100*	38.5	336.8	11,100*	42.9	348.3	14,300	46.9	357.4	11,500	190
195	32.8	319.9	8,600*	36.2	330.0	10,600*	40.8	342.5	13,500	45.0	352.3	10,800	195
200	30.2	311.4	8,300*	33.8	322.6	10,100*	38.7	336.2	12,800	43.0	347.0	10,100	200
205	27.3	301.9	8,000*	31.2	314.4	9,600*	36.4	329.5	12,000	41.0	341.2	9,500	205
210	24.0	291.0	7,700*	28.4	305.3	9,200*	34.0	322.1	11,300	38.8	335.0	8,800	210
215	20.3	278.0	7,500*	25.3	295.0	8,800*	31.4	314.0	10,700	36.6	328.3	8,200	215
220	15.6	261.6	7,300*	21.8	283.0	8,500*	28.7	305.0	10,000	34.2	321.0	7,700	220
225	8.6	236.1	7,300*	17.6	268.2	8,300*	25.6	294.8	9,400	31.6	312.9	7,100	225
230				11.9	247.7	8,100*	22.1	282.9	8,800	28.9	304.0	6,600	230
235							18.0	268.4	8,300	25.8	293.9	6,100	235
240							12.5	248.7	7,700	22.4	282.1	5,600	240
245										18.3	267.9	5,100	245
250										13.0	248.7	4,600	250

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

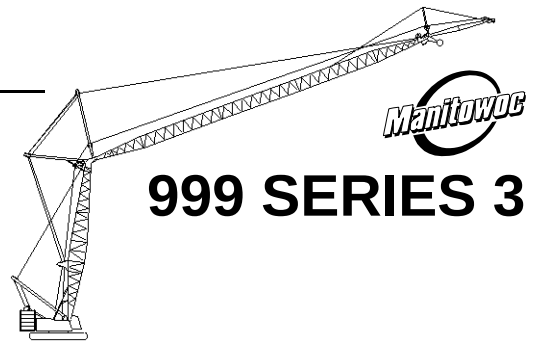
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

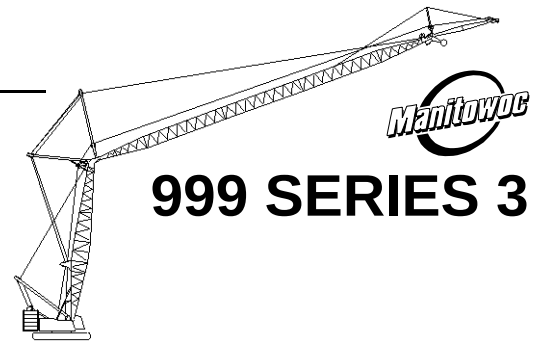
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.3	420.9	22,000*										80
85	73.0	419.3	21,300*										85
90	71.6	417.6	21,100*										90
95	70.2	415.8	20,800*	72.1	417.9	24,800*							95
100	68.8	413.8	20,500*	70.8	416.1	24,600*							100
105	67.4	411.6	20,200*	69.4	414.1	24,400*							105
110	66.0	409.3	19,800*	68.0	412.0	23,900*							110
115	64.6	406.9	19,300*	66.6	409.8	23,000*	69.5	413.2	24,300*				115
120	63.1	404.3	18,400*	65.2	407.4	22,100*	68.1	411.1	24,200*				120
125	61.7	401.6	17,500*	63.7	404.9	21,100*	66.7	408.9	24,100*				125
130	60.2	398.7	16,700*	62.3	402.2	20,200*	65.3	406.5	23,900*				130
135	58.7	395.5	15,800*	60.8	399.4	19,300*	63.8	404.0	23,700*	66.8	407.4	23,300	135
140	57.1	392.3	15,000*	59.3	396.3	18,400*	62.4	401.3	23,200*	65.4	405.0	21,900	140
145	55.6	388.8	14,300*	57.7	393.1	17,500*	60.9	398.5	22,300*	63.9	402.5	20,500	145
150	54.0	385.1	13,500*	56.2	389.7	16,700*	59.4	395.5	21,400*	62.5	399.9	19,300	150
155	52.3	381.2	12,800*	54.6	386.1	15,800*	57.9	392.3	20,500*	61.0	397.0	18,100	155
160	50.6	377.0	12,200*	53.0	382.3	15,000*	56.3	388.9	19,600*	59.5	394.0	17,000	160
165	48.9	372.6	11,600*	51.3	378.2	14,300*	54.7	385.3	18,800*	58.0	390.8	16,000	165
170	47.2	367.9	11,000*	49.6	373.9	13,600*	53.1	381.5	17,900*	56.4	387.5	15,000	170
175	45.3	362.9	10,400*	47.9	369.3	12,900*	51.4	377.4	17,100*	54.8	383.9	14,100	175
180	43.5	357.6	9,900*	46.1	364.4	12,200*	49.8	373.1	16,200*	53.2	380.1	13,200	180
185	41.5	351.9	9,400*	44.2	359.3	11,600*	48.0	368.6	15,400*	51.6	376.1	12,400	185
190	39.5	345.7	8,900*	42.3	353.7	11,000*	46.2	363.7	14,500	49.9	371.8	11,700	190
195	37.3	339.1	8,500*	40.3	347.8	10,500*	44.4	358.6	13,700	48.1	367.2	10,900	195
200	35.1	332.0	8,100*	38.2	341.4	10,000*	42.5	353.0	12,900	46.3	362.4	10,300	200
205	32.7	324.2	7,700*	36.0	334.4	9,500*	40.5	347.1	12,200	44.5	357.3	9,600	205
210	30.2	315.6	7,400*	33.7	326.9	9,000*	38.4	340.8	11,500	42.6	351.8	9,000	210
215	27.4	306.0	7,100*	31.2	318.7	8,600*	36.2	333.9	10,900	40.6	345.9	8,400	215
220	24.3	295.1	6,800*	28.5	309.5	8,200*	33.9	326.4	10,200	38.5	339.6	7,800	220
225	20.7	282.2	6,600*	25.5	299.1	7,900*	31.4	318.2	9,600	36.3	332.7	7,300	225
230	16.4	266.2	6,500*	22.2	287.1	7,600*	28.7	309.2	9,100	34.0	325.3	6,800	230
235	10.3	242.9	6,400*	18.2	272.6	7,400*	25.8	298.9	8,500	31.6	317.2	6,300	235
240				13.1	253.2	7,200*	22.5	287.1	8,000	28.9	308.1	5,800	240
245							18.6	272.8	7,400	26.0	298.0	5,300	245
250							13.6	254.0	6,900	22.7	286.3	4,900	250
255							3.3	214.3	6,300	18.9	272.2	4,400	255
260										14.0	253.8	4,000	260



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	73.8	429.9	18,700*										85
90	72.5	428.2	18,500*										90
95	71.2	426.5	18,300*										95
100	69.9	424.6	18,100*	71.7	426.7	21,400*							100
105	68.5	422.5	17,900*	70.4	424.9	21,300*							105
110	67.2	420.4	17,700*	69.1	422.9	21,200*							110
115	65.8	418.1	17,500*	67.7	420.8	21,000*							115
120	64.5	415.6	17,300*	66.4	418.6	20,800*	69.2	422.0	21,000*				120
125	63.1	413.0	16,800*	65.0	416.2	20,100*	67.8	419.9	20,900*				125
130	61.7	410.3	16,000*	63.6	413.6	19,200*	66.5	417.6	20,800*				130
135	60.2	407.3	15,200*	62.2	410.9	18,400*	65.1	415.2	20,700*				135
140	58.8	404.3	14,500*	60.8	408.1	17,600*	63.7	412.7	20,600*	66.6	416.1	20,400*	140
145	57.3	401.0	13,800*	59.4	405.0	16,800*	62.3	410.0	20,500*	65.2	413.7	20,400*	145
150	55.8	397.5	13,100*	57.9	401.8	16,100*	60.9	407.2	20,300*	63.8	411.2	19,200	150
155	54.3	393.9	12,400*	56.4	398.5	15,300*	59.5	404.2	19,600*	62.4	408.6	18,100	155
160	52.7	390.0	11,800*	54.9	394.9	14,600*	58.0	401.0	18,900*	61.0	405.7	17,000	160
165	51.2	385.9	11,200*	53.4	391.1	13,900*	56.5	397.6	18,100*	59.6	402.7	15,900	165
170	49.5	381.6	10,600*	51.8	387.1	13,200*	55.0	394.1	17,300*	58.1	399.6	15,000	170
175	47.9	377.0	10,100*	50.2	382.9	12,500*	53.5	390.3	16,500*	56.6	396.2	14,100	175
180	46.1	372.1	9,600*	48.5	378.4	11,900*	51.9	386.3	15,800*	55.1	392.7	13,200	180
185	44.4	366.9	9,100*	46.8	373.6	11,300*	50.3	382.1	15,000*	53.6	388.9	12,400	185
190	42.5	361.4	8,600*	45.1	368.6	10,700*	48.7	377.6	14,300*	52.0	384.9	11,700	190
195	40.6	355.5	8,200*	43.3	363.2	10,200*	47.0	372.9	13,600*	50.4	380.7	11,000	195
200	38.6	349.2	7,800*	41.4	357.4	9,700*	45.2	367.9	13,000*	48.8	376.3	10,300	200
205	36.6	342.4	7,400*	39.4	351.3	9,200*	43.4	362.5	12,300*	47.1	371.6	9,600	205
210	34.4	335.1	7,000*	37.4	344.7	8,700*	41.5	356.8	11,600	45.3	366.6	9,000	210
215	32.0	327.0	6,700*	35.3	337.6	8,300*	39.6	350.7	10,900	43.5	361.2	8,400	215
220	29.5	318.2	6,400*	33.0	329.8	7,900*	37.6	344.1	10,300	41.7	355.5	7,900	220
225	26.8	308.4	6,200*	30.6	321.4	7,500*	35.4	337.1	9,700	39.7	349.5	7,300	225
230	23.8	297.2	5,900*	27.9	311.9	7,200*	33.2	329.4	9,100	37.7	342.9	6,800	230
235	20.3	284.0	5,700*	25.0	301.3	6,900*	30.8	321.0	8,600	35.6	335.9	6,300	235
240	16.1	267.7	5,600*	21.8	289.0	6,600*	28.2	311.6	8,100	33.3	328.3	5,800	240
245	10.1	243.9	5,600*	17.9	274.2	6,400*	25.3	301.1	7,500	30.9	319.9	5,400	245
250				12.9	254.3	6,300*	22.1	289.0	7,000	28.3	310.6	4,900	250
255							18.3	274.4	6,600	25.5	300.2	4,500	255
260							13.4	255.2	6,100	22.3	288.2	4,100	260
265							3.4	215.3	5,500				265

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

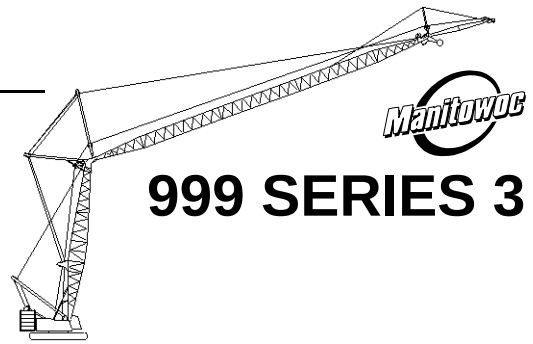
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

200 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	440.4	15,700*										85
90	73.1	438.8	15,600*										90
95	71.9	437.2	15,500*										95
100	70.6	435.3	15,300*	72.4	437.4	17,900*							100
105	69.4	433.4	15,200*	71.1	435.6	17,800*							105
110	68.1	431.4	15,000*	69.9	433.8	17,700*							110
115	66.8	429.2	14,900*	68.6	431.7	17,500*							115
120	65.5	426.8	14,700*	67.3	429.6	17,400*	70.0	432.8	17,800*				120
125	64.2	424.4	14,500*	66.0	427.3	17,200*	68.7	430.8	17,300*				125
130	62.8	421.8	14,400*	64.7	424.9	17,000*	67.4	428.7	17,200*				130
135	61.5	419.0	14,200*	63.4	422.4	16,800*	66.1	426.4	17,100*				135
140	60.1	416.1	14,000*	62.0	419.7	16,700*	64.8	424.0	17,000*				140
145	58.7	413.0	13,300*	60.7	416.8	16,100*	63.5	421.5	16,800*	66.2	424.9	16,800*	145
150	57.3	409.8	12,700*	59.3	413.8	15,400*	62.1	418.8	16,700*	64.9	422.5	16,700*	150
155	55.9	406.3	12,100*	57.9	410.6	14,800*	60.8	415.9	16,500*	63.6	420.0	16,600*	155
160	54.4	402.7	11,500*	56.5	407.3	14,100*	59.4	412.9	16,300*	62.2	417.3	16,500*	160
165	53.0	398.9	10,900*	55.0	403.7	13,400*	58.0	409.8	16,200*	60.9	414.5	16,000	165
170	51.4	394.8	10,300*	53.6	400.0	12,800*	56.6	406.4	16,100*	59.5	411.5	15,100	170
175	49.9	390.6	9,800*	52.0	396.0	12,200*	55.1	402.9	15,900*	58.1	408.3	14,200	175
180	48.3	386.1	9,300*	50.5	391.8	11,600*	53.7	399.2	15,300*	56.7	405.0	13,400	180
185	46.7	381.3	8,900*	48.9	387.4	11,000*	52.2	395.2	14,600*	55.2	401.5	12,600	185
190	45.0	376.3	8,400*	47.3	382.8	10,500*	50.6	391.1	14,000*	53.8	397.8	11,800	190
195	43.3	370.9	8,000*	45.7	377.9	10,000*	49.1	386.7	13,300*	52.3	393.8	11,100	195
200	41.5	365.2	7,600*	44.0	372.6	9,500*	47.5	382.1	12,700*	50.7	389.7	10,400	200
205	39.6	359.2	7,200*	42.2	367.1	9,000*	45.8	377.2	12,100*	49.2	385.3	9,800	205
210	37.7	352.7	6,800*	40.4	361.2	8,500*	44.1	372.0	11,500*	47.6	380.7	9,200	210
215	35.7	345.7	6,500*	38.5	354.8	8,100*	42.3	366.4	10,900*	45.9	375.8	8,600	215
220	33.5	338.1	6,200*	36.5	348.0	7,700*	40.5	360.5	10,400*	44.2	370.7	8,000	220
225	31.3	329.9	5,900*	34.4	340.7	7,300*	38.6	354.2	9,900*	42.5	365.1	7,500	225
230	28.8	320.9	5,600*	32.2	332.8	7,000*	36.6	347.5	9,400	40.6	359.3	7,000	230
235	26.2	310.8	5,400*	29.8	324.1	6,600*	34.6	340.2	8,800	38.8	353.0	6,500	235
240	23.2	299.3	5,200*	27.2	314.4	6,300*	32.4	332.3	8,300	36.8	346.3	6,000	240
245	19.8	285.9	5,000*	24.4	303.6	6,100*	30.0	323.7	7,800	34.7	339.1	5,600	245
250	15.7	269.2	4,900*	21.2	291.0	5,800*	27.5	314.2	7,300	32.5	331.2	5,100	250
255	9.9	245.1	4,900*	17.4	275.9	5,600*	24.7	303.4	6,800	30.2	322.7	4,700	255
260				12.5	255.7	5,500*	21.5	291.0	6,400	27.6	313.2	4,300	260
265							17.8	276.1	5,900				265
270							13.0	256.5	5,500				270
275							3.6	217.1	5,000				275



Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

999 SERIES 3

200 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	450.9	12,900*										85
90	73.6	449.4	12,800*										90
95	72.4	447.8	12,600*										95
100	71.2	446.1	12,500*	72.8	448.0	14,600*							100
105	70.0	444.2	12,300*	71.6	446.3	14,400*							105
110	68.7	442.3	12,200*	70.4	444.5	14,300*							110
115	67.5	440.2	12,000*	69.2	442.6	14,100*							115
120	66.3	438.0	11,900*	68.0	440.6	13,900*							120
125	65.0	435.6	11,800*	66.8	438.4	13,800*	69.3	441.7	13,900*				125
130	63.8	433.1	11,600*	65.5	436.1	13,600*	68.1	439.6	13,800*				130
135	62.5	430.5	11,500*	64.3	433.7	13,500*	66.9	437.5	13,600*				135
140	61.2	427.8	11,300*	63.0	431.1	13,300*	65.6	435.2	13,500*				140
145	59.9	424.8	11,200*	61.7	428.4	13,100*	64.4	432.8	13,300*	66.9	436.0	13,400*	145
150	58.5	421.8	11,100*	60.4	425.6	13,000*	63.1	430.2	13,200*	65.7	433.7	13,300*	150
155	57.2	418.5	10,900*	59.1	422.6	12,800*	61.8	427.5	13,000*	64.4	431.3	13,100*	155
160	55.8	415.1	10,800*	57.7	419.4	12,700*	60.5	424.7	12,900*	63.2	428.7	13,100*	160
165	54.4	411.5	10,500*	56.4	416.0	12,500*	59.2	421.7	12,700*	61.9	426.0	12,900*	165
170	53.0	407.8	10,000*	55.0	412.5	12,300*	57.8	418.5	12,600*	60.6	423.2	12,700*	170
175	51.6	403.8	9,500*	53.6	408.8	11,800*	56.5	415.2	12,400*	59.3	420.2	12,600*	175
180	50.1	399.6	9,000*	52.1	404.9	11,200*	55.1	411.7	12,300*	57.9	417.1	12,500*	180
185	48.6	395.2	8,600*	50.7	400.8	10,700*	53.7	408.0	12,200*	56.6	413.8	12,300*	185
190	47.0	390.5	8,200*	49.2	396.5	10,200*	52.2	404.1	12,000*	55.2	410.3	11,700	190
195	45.4	385.6	7,700*	47.6	391.9	9,700*	50.8	400.0	11,900*	53.8	406.6	11,000	195
200	43.8	380.4	7,300*	46.1	387.1	9,200*	49.3	395.7	11,700*	52.3	402.7	10,300	200
205	42.1	374.9	7,000*	44.4	382.0	8,800*	47.8	391.2	11,600*	50.9	398.7	9,700	205
210	40.4	369.0	6,600*	42.8	376.6	8,300*	46.2	386.4	11,200*	49.4	394.4	9,100	210
215	38.5	362.7	6,300*	41.0	370.9	7,900*	44.6	381.3	10,700*	47.9	389.8	8,500	215
220	36.6	356.1	6,000*	39.3	364.8	7,500*	42.9	376.0	10,200*	46.3	385.1	7,900	220
225	34.7	348.9	5,700*	37.4	358.3	7,100*	41.2	370.3	9,700*	44.7	380.0	7,400	225
230	32.6	341.1	5,400*	35.5	351.3	6,800*	39.4	364.2	9,200*	43.0	374.7	6,900	230
235	30.4	332.7	5,100*	33.4	343.8	6,400*	37.6	357.7	8,800*	41.3	369.0	6,400	235
240	28.0	323.5	4,900*	31.2	335.7	6,100*	35.6	350.8	8,300*	39.5	363.0	6,000	240
245	25.4	313.2	4,700*	28.9	326.8	5,800*	33.6	343.3	7,800	37.7	356.5	5,500	245
250	22.5	301.5	4,500*	26.4	316.9	5,600*	31.4	335.3	7,300	35.8	349.6	5,100	250
255	19.2	287.8	4,400*	23.7	305.8	5,300*	29.1	326.4	6,800	33.7	342.2	4,700	255
260	15.2	270.8	4,300*	20.6	293.0	5,100*	26.6	316.6	6,400	31.6	334.2	4,300	260
265	9.5	246.4	4,200*	16.9	277.6	4,900*	23.9	305.7	6,000				265
270				12.1	257.1	4,800*	20.8	293.0	5,500				270
275							17.2	277.9	5,100				275
280							12.5	257.9	4,700				280
285							3.6	219.0	4,300				285