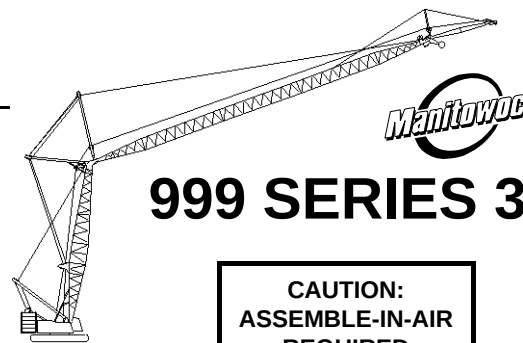


Liftcrane Fixed Jib Capacities

**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**



**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

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 (*).

Lower boom point must be completely removed for use of this chart.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath 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. A01426**, Wire Rope Specification chart **No. 8357-D** and Luffing Jib Raising Procedure chart **No. 8411-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel (outrigger jacks raised) 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-E**.

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.

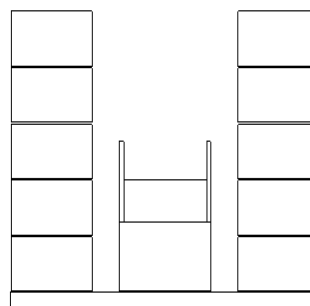
MACHINE EQUIPMENT: Machine equipped with 28 Ft. 2 in. crawlers, 48 in. treads, 5 Ft. raising outrigger, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, boom support straps, 9 part luffing jib hoist reeving, luffing jib straps, two 1-1/2 in. luffing jib backstay pendants, 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. 8374-A** for luffing jib capacities. Consult chart **No. 8377-A** for intermediate fall capacities.

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

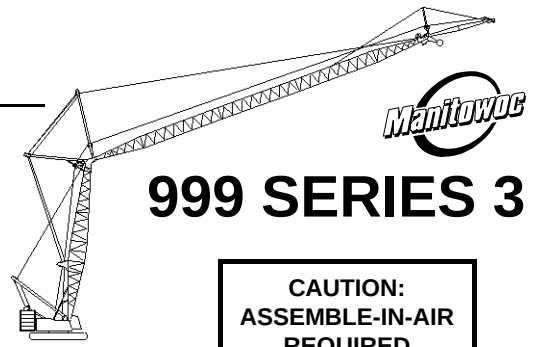
Boom No. 82

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

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

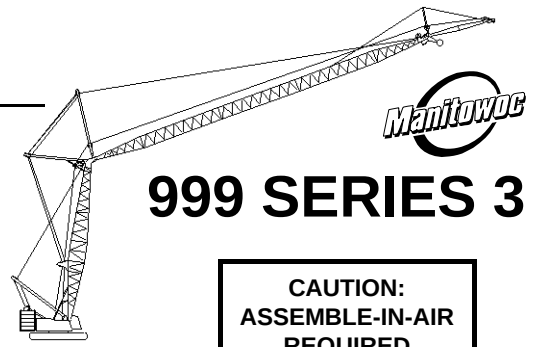
Boom No. 82

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

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

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

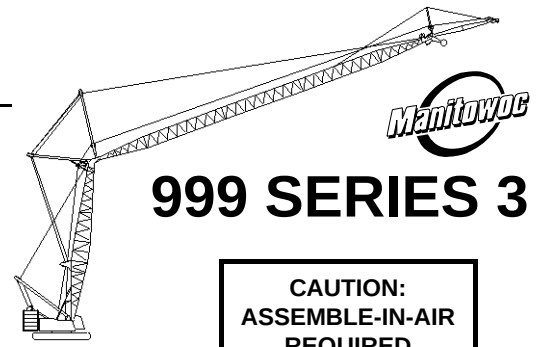


999 SERIES 3

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

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

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

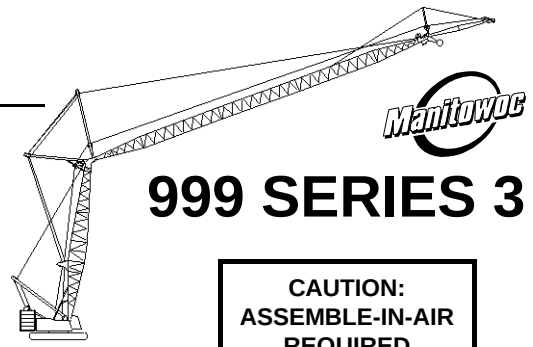
Boom No. 82

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

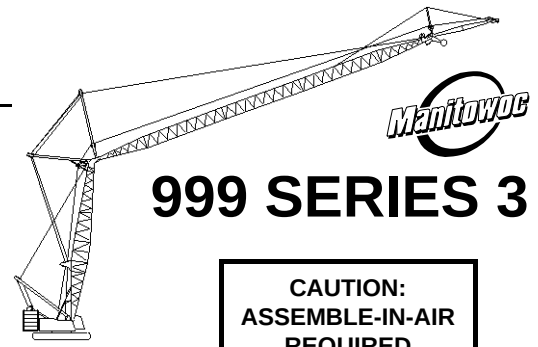


999 SERIES 3

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

210 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			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.8	413.0	25,000*							70
75	73.3	411.5	24,500*							75
80	71.8	409.8	24,200*							80
85	70.3	408.1	24,000*	72.5	410.2	28,700*				85
90	68.8	406.1	23,300*	71.0	408.4	28,600*				90
95	67.2	404.1	22,800*	69.5	406.6	27,700*				95
100	65.7	401.8	22,200*	68.0	404.6	26,600*				100
105	64.1	399.4	21,400*	66.4	402.4	25,500*	69.8	405.8	28,600*	105
110	62.5	396.8	20,400*	64.9	400.1	24,400*	68.2	403.8	27,900*	110
115	60.9	394.1	19,300*	63.3	397.6	23,300*	66.7	401.7	27,600*	115
120	59.3	391.1	18,300*	61.7	394.9	22,200*	65.1	399.4	27,300*	120
125	57.6	388.0	17,400*	60.0	392.1	21,200*	63.6	396.9	26,900*	125
130	55.9	384.6	16,500*	58.4	389.0	20,100*	62.0	394.3	25,900*	130
135	54.2	381.1	15,600*	56.7	385.7	19,100*	60.4	391.4	24,800*	135
140	52.4	377.2	14,800*	55.0	382.3	18,200*	58.7	388.4	23,800*	140
145	50.6	373.2	14,000*	53.2	378.6	17,300*	57.0	385.2	22,700*	145
150	48.7	368.8	13,300*	51.4	374.6	16,400*	55.3	381.8	21,700*	150
155	46.8	364.2	12,600*	49.6	370.4	15,600*	53.6	378.1	20,700*	155
160	44.8	359.2	12,000*	47.7	365.9	14,800*	51.8	374.2	19,600	160
165	42.7	353.9	11,400*	45.7	361.1	14,000*	49.9	370.0	18,500	165
170	40.6	348.1	10,800*	43.7	355.9	13,300*	48.0	365.6	17,400	170
175	38.3	341.9	10,300*	41.6	350.4	12,700*	46.1	360.9	16,400	175
180	35.9	335.2	9,800*	39.4	344.4	12,000*	44.1	355.8	15,500	180
185	33.4	327.8	9,400*	37.1	337.9	11,500*	42.0	350.3	14,600	185
190	30.7	319.6	9,000*	34.6	330.8	11,000*	39.8	344.4	13,800	190
195	27.8	310.4	8,700*	32.0	323.0	10,500*	37.5	338.0	13,000	195
200	24.5	299.9	8,400*	29.2	314.3	10,000*	35.1	331.0	12,200	200
205	20.7	287.5	8,100*	26.0	304.5	9,600*	32.5	323.4	11,500	205
210	16.1	271.9	8,000*	22.5	293.1	9,300*	29.7	314.9	10,800	210
215	9.3	248.5	8,000*	18.4	279.2	9,100*	26.6	305.3	10,200	215
220				12.9	260.6	8,900*	23.2	294.2	9,500	220
225							19.2	280.9	8,900	225
230							14.1	263.5	8,300	230
235							4.9	231.5	7,700	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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

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

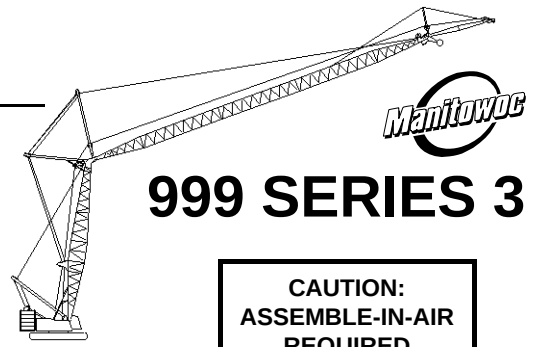
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.5	421.8	22,500*							75
80	73.1	420.3	22,200*							80
85	71.7	418.6	21,800*							85
90	70.3	416.8	21,400*	72.4	418.9	26,400*				90
95	68.8	414.8	21,100*	70.9	417.2	26,000*				95
100	67.4	412.7	20,500*	69.5	415.3	25,200*				100
105	65.9	410.4	20,000*	68.0	413.2	24,200*				105
110	64.4	408.0	19,400*	66.6	411.0	23,200*	69.8	414.5	25,500*	110
115	62.9	405.4	18,500*	65.1	408.7	22,200*	68.3	412.4	25,300*	115
120	61.3	402.6	17,500*	63.6	406.1	21,200*	66.8	410.3	25,100*	120
125	59.8	399.7	16,600*	62.0	403.5	20,300*	65.3	407.9	24,800*	125
130	58.2	396.5	15,800*	60.5	400.6	19,300*	63.8	405.5	24,500*	130
135	56.5	393.2	15,000*	58.9	397.6	18,400*	62.3	402.8	23,700*	135
140	54.9	389.7	14,200*	57.3	394.3	17,500*	60.8	400.0	22,700*	140
145	53.2	385.9	13,500*	55.7	390.9	16,600*	59.2	397.0	21,800*	145
150	51.5	381.9	12,800*	54.0	387.2	15,800*	57.6	393.8	20,800*	150
155	49.7	377.6	12,100*	52.3	383.3	15,000*	56.0	390.4	19,900*	155
160	47.9	373.1	11,500*	50.5	379.2	14,200*	54.3	386.7	19,000*	160
165	46.0	368.2	10,800*	48.7	374.8	13,500*	52.6	382.9	18,100*	165
170	44.1	363.1	10,300*	46.9	370.1	12,800*	50.9	378.8	17,300*	170
175	42.1	357.5	9,800*	45.0	365.1	12,200*	49.1	374.4	16,400*	175
180	40.0	351.6	9,300*	43.0	359.7	11,500*	47.2	369.8	15,600*	180
185	37.8	345.1	8,800*	40.9	353.9	10,900*	45.3	364.8	14,800	185
190	35.5	338.1	8,400*	38.8	347.7	10,400*	43.4	359.5	14,000	190
195	33.0	330.5	8,100*	36.5	341.0	9,900*	41.3	353.9	13,200	195
200	30.3	322.0	7,700*	34.2	333.7	9,400*	39.2	347.7	12,400	200
205	27.5	312.6	7,400*	31.6	325.6	9,000*	37.0	341.1	11,700	205
210	24.3	301.8	7,200*	28.8	316.6	8,600*	34.6	333.9	11,000	210
215	20.6	289.0	6,900*	25.8	306.5	8,300*	32.1	326.0	10,400	215
220	16.0	272.9	6,800*	22.3	294.8	8,000*	29.4	317.2	9,700	220
225	9.3	248.6	6,800*	18.3	280.5	7,800*	26.4	307.3	9,100	225
230				12.9	261.2	7,600*	23.0	295.9	8,500	230
235							19.1	282.2	8,000	235
240							14.1	264.2	7,400	240
245							4.8	230.5	6,800	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

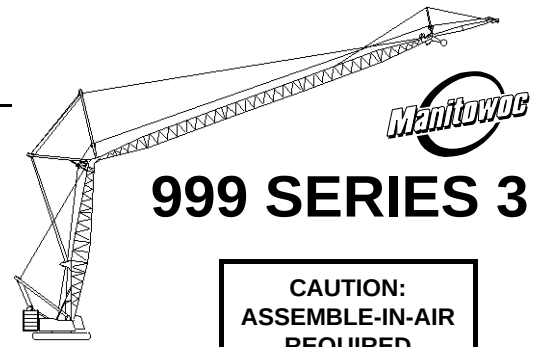


999 SERIES 3

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

210 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			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	
80	74.4	431.0	20,100*							80
85	73.0	429.4	19,900*							85
90	71.7	427.7	19,600*							90
95	70.3	425.9	19,300*	72.3	428.1	23,900*				95
100	68.9	423.9	19,000*	71.0	426.3	22,900*				100
105	67.5	421.8	18,600*	69.6	424.4	22,600*				105
110	66.1	419.5	18,100*	68.2	422.3	22,000*				110
115	64.7	417.1	17,600*	66.8	420.1	21,200*	69.8	423.6	22,900*	115
120	63.2	414.5	16,900*	65.4	417.8	20,300*	68.4	421.5	22,800*	120
125	61.8	411.8	16,000*	63.9	415.3	19,400*	67.0	419.4	22,600*	125
130	60.3	408.9	15,200*	62.5	412.6	18,500*	65.6	417.0	22,400*	130
135	58.8	405.8	14,500*	61.0	409.8	17,700*	64.2	414.6	22,200*	135
140	57.2	402.5	13,700*	59.5	406.8	16,900*	62.7	411.9	21,700*	140
145	55.7	399.0	13,000*	58.0	403.6	16,000*	61.3	409.1	20,900*	145
150	54.1	395.3	12,300*	56.4	400.2	15,300*	59.8	406.2	20,100*	150
155	52.4	391.4	11,700*	54.8	396.6	14,500*	58.2	403.0	19,200*	155
160	50.8	387.3	11,100*	53.2	392.8	13,800*	56.7	399.7	18,400*	160
165	49.1	382.9	10,500*	51.5	388.8	13,100*	55.1	396.1	17,500*	165
170	47.3	378.2	9,900*	49.9	384.5	12,400*	53.5	392.4	16,800*	170
175	45.5	373.2	9,400*	48.1	380.0	11,800*	51.9	388.4	16,000*	175
180	43.6	367.9	8,900*	46.3	375.1	11,200*	50.2	384.1	15,200*	180
185	41.7	362.3	8,500*	44.5	370.0	10,600*	48.4	379.7	14,500*	185
190	39.6	356.2	8,100*	42.6	364.5	10,100*	46.7	374.9	13,800*	190
195	37.5	349.6	7,700*	40.6	358.6	9,600*	44.8	369.8	13,100*	195
200	35.3	342.5	7,300*	38.5	352.2	9,100*	42.9	364.4	12,400*	200
205	32.9	334.8	7,000*	36.3	345.4	8,600*	41.0	358.5	11,800*	205
210	30.3	326.2	6,700*	34.0	338.0	8,200*	38.9	352.3	11,200	210
215	27.6	316.7	6,400*	31.5	329.8	7,900*	36.7	345.6	10,500	215
220	24.5	305.9	6,200*	28.9	320.8	7,500*	34.5	338.2	9,900	220
225	21.0	293.2	6,000*	26.0	310.6	7,200*	32.0	330.2	9,300	225
230	16.8	277.5	5,900*	22.7	298.9	6,900*	29.4	321.4	8,800	230
235	10.8	255.0	5,800*	18.8	284.8	6,700*	26.5	311.5	8,200	235
240				13.9	266.3	6,600*	23.3	300.1	7,700	240
245				4.8	231.3	6,600*	19.6	286.5	7,100	245
250							15.0	269.1	6,600	250
255							7.6	240.9	6,100	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

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

210 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			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	
85	73.9	440.0	17,600*							85
90	72.6	438.3	17,400*							90
95	71.3	436.6	17,300*							95
100	70.0	434.7	17,000*	71.9	437.0	20,300*				100
105	68.6	432.7	16,800*	70.6	435.1	20,100*				105
110	67.3	430.5	16,500*	69.2	433.2	20,000*				110
115	65.9	428.2	16,300*	67.9	431.1	19,700*				115
120	64.6	425.8	15,900*	66.6	428.9	19,200*	69.5	432.4	20,000*	120
125	63.2	423.2	15,400*	65.2	426.5	18,500*	68.2	430.3	19,900*	125
130	61.8	420.5	14,600*	63.8	424.0	17,700*	66.8	428.1	19,800*	130
135	60.3	417.6	13,900*	62.4	421.3	16,900*	65.5	425.8	19,700*	135
140	58.9	414.5	13,200*	61.0	418.5	16,200*	64.1	423.3	19,600*	140
145	57.4	411.2	12,600*	59.6	415.5	15,500*	62.7	420.6	19,400*	145
150	55.9	407.8	11,900*	58.1	412.3	14,700*	61.3	417.8	19,100*	150
155	54.4	404.1	11,300*	56.6	408.9	14,000*	59.8	414.9	18,400*	155
160	52.9	400.3	10,700*	55.1	405.4	13,300*	58.4	411.7	17,700*	160
165	51.3	396.2	10,200*	53.6	401.6	12,700*	56.9	408.4	16,900*	165
170	49.6	391.9	9,600*	52.0	397.6	12,000*	55.4	404.9	16,200*	170
175	48.0	387.3	9,100*	50.4	393.4	11,400*	53.9	401.2	15,500*	175
180	46.3	382.5	8,600*	48.8	389.0	10,900*	52.3	397.2	14,800*	180
185	44.5	377.3	8,200*	47.1	384.3	10,300*	50.7	393.1	14,100*	185
190	42.7	371.8	7,800*	45.3	379.3	9,800*	49.1	388.7	13,400*	190
195	40.8	365.9	7,400*	43.5	373.9	9,300*	47.4	384.0	12,700*	195
200	38.8	359.7	7,000*	41.6	368.2	8,800*	45.6	379.0	12,100*	200
205	36.7	352.9	6,700*	39.7	362.2	8,300*	43.9	373.8	11,500*	205
210	34.5	345.6	6,300*	37.7	355.6	7,900*	42.0	368.2	10,900*	210
215	32.2	337.6	6,000*	35.6	348.6	7,500*	40.1	362.2	10,400*	215
220	29.7	328.9	5,800*	33.3	340.9	7,200*	38.1	355.7	9,900*	220
225	27.0	319.1	5,500*	30.9	332.6	6,800*	36.0	348.8	9,400*	225
230	24.0	308.0	5,300*	28.3	323.3	6,500*	33.7	341.2	8,800*	230
235	20.6	295.0	5,200*	25.5	312.9	6,300*	31.4	333.0	8,300*	235
240	16.5	278.9	5,100*	22.3	300.9	6,000*	28.8	323.9	7,800*	240
245	10.7	256.0	5,000*	18.5	286.4	5,800*	26.0	313.8	7,300*	245
250				13.7	267.6	5,700*	22.9	302.1	6,800*	250
255				4.8	232.0	5,700*	19.3	288.2	6,300*	255
260							14.7	270.5	5,800*	260
265							7.5	241.7	5,300*	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

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

210 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			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	
85	74.5	450.5	15,100*							85
90	73.2	448.9	15,000*							90
95	72.0	447.3	14,900*							95
100	70.7	445.5	14,700*	72.5	447.6	17,300*				100
105	69.5	443.6	14,500*	71.3	445.9	17,200*				105
110	68.2	441.5	14,400*	70.0	444.0	17,000*				110
115	66.9	439.3	14,200*	68.8	442.0	16,900*				115
120	65.6	437.0	14,000*	67.5	439.9	16,700*				120
125	64.3	434.6	13,800*	66.2	437.6	16,600*	69.0	441.2	16,800*	125
130	62.9	432.0	13,600*	64.9	435.2	16,400*	67.7	439.1	16,800*	130
135	61.6	429.2	13,400*	63.6	432.7	16,200*	66.4	436.9	16,600*	135
140	60.2	426.3	12,800*	62.2	430.0	15,500*	65.1	434.5	16,500*	140
145	58.8	423.2	12,200*	60.9	427.2	14,800*	63.8	432.0	16,400*	145
150	57.4	420.0	11,600*	59.5	424.2	14,200*	62.5	429.4	16,200*	150
155	56.0	416.6	11,000*	58.1	421.0	13,600*	61.1	426.6	16,200*	155
160	54.6	413.0	10,400*	56.7	417.7	12,900*	59.7	423.6	16,000*	160
165	53.1	409.1	9,900*	55.2	414.2	12,300*	58.4	420.5	15,800*	165
170	51.6	405.1	9,400*	53.8	410.5	11,700*	56.9	417.2	15,600*	170
175	50.0	400.9	8,900*	52.3	406.6	11,200*	55.5	413.7	15,000*	175
180	48.4	396.4	8,400*	50.7	402.4	10,600*	54.0	410.0	14,300*	180
185	46.8	391.7	8,000*	49.2	398.1	10,100*	52.5	406.1	13,700*	185
190	45.1	386.6	7,600*	47.6	393.4	9,600*	51.0	402.0	13,100*	190
195	43.4	381.3	7,200*	45.9	388.5	9,100*	49.5	397.7	12,500*	195
200	41.6	375.6	6,800*	44.2	383.4	8,600*	47.9	393.1	11,900*	200
205	39.8	369.6	6,500*	42.4	377.8	8,200*	46.2	388.3	11,300*	205
210	37.8	363.1	6,100*	40.6	372.0	7,800*	44.5	383.2	10,800*	210
215	35.8	356.2	5,800*	38.7	365.7	7,400*	42.8	377.7	10,200*	215
220	33.7	348.7	5,600*	36.8	359.0	7,000*	41.0	371.9	9,700*	220
225	31.4	340.5	5,300*	34.7	351.8	6,600*	39.1	365.7	9,300*	225
230	29.0	331.5	5,100*	32.5	343.9	6,300*	37.1	359.1	8,800*	230
235	26.4	321.5	4,800*	30.1	335.3	6,000*	35.1	352.0	8,300*	235
240	23.4	310.2	4,700*	27.6	325.8	5,800*	32.9	344.2	7,900*	240
245	20.1	296.9	4,500*	24.8	315.2	5,500*	30.6	335.8	7,500*	245
250	16.0	280.5	4,400*	21.7	302.9	5,300*	28.1	326.5	7,000*	250
255	10.4	257.3	4,400*	18.0	288.2	5,100*	25.4	316.1	6,500*	255
260				13.3	269.0	5,000*	22.3	304.2	6,100*	260
265				4.9	233.4	5,000*	18.8	290.0	5,700*	265
270							14.3	271.9	5,200*	270
275							7.4	242.9	4,800*	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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

210 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			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	
85	74.8	461.0	12,500*							85
90	73.6	459.5	12,400*							90
95	72.4	457.9	12,300*							95
100	71.2	456.2	12,200*							100
105	70.0	454.4	12,000*	71.8	456.5	14,100*				105
110	68.8	452.4	11,900*	70.6	454.8	14,000*				110
115	67.6	450.3	11,700*	69.4	452.9	13,800*				115
120	66.4	448.1	11,600*	68.2	450.8	13,600*				120
125	65.1	445.8	11,400*	66.9	448.7	13,500*	69.6	452.1	13,700*	125
130	63.8	443.3	11,300*	65.7	446.4	13,300*	68.4	450.1	13,600*	130
135	62.6	440.7	11,200*	64.4	444.0	13,200*	67.2	447.9	13,400*	135
140	61.3	437.9	11,100*	63.2	441.5	13,000*	65.9	445.7	13,300*	140
145	60.0	435.0	10,900*	61.9	438.8	12,900*	64.7	443.3	13,100*	145
150	58.6	432.0	10,800*	60.6	435.9	12,800*	63.4	440.8	13,000*	150
155	57.3	428.8	10,600*	59.3	433.0	12,600*	62.1	438.1	12,900*	155
160	55.9	425.4	10,000*	57.9	429.8	12,400*	60.8	435.3	12,700*	160
165	54.5	421.8	9,500*	56.6	426.5	11,800*	59.5	432.4	12,600*	165
170	53.1	418.0	9,100*	55.2	423.0	11,300*	58.2	429.2	12,400*	170
175	51.7	414.1	8,600*	53.8	419.3	10,800*	56.8	426.0	12,300*	175
180	50.2	409.9	8,200*	52.3	415.5	10,300*	55.4	422.5	12,200*	180
185	48.7	405.5	7,800*	50.9	411.4	9,800*	54.0	418.9	12,100*	185
190	47.1	400.8	7,300*	49.4	407.1	9,300*	52.6	415.0	12,000*	190
195	45.5	395.9	7,000*	47.8	402.6	8,800*	51.1	411.0	11,800*	195
200	43.9	390.7	6,600*	46.3	397.8	8,400*	49.7	406.7	11,500*	200
205	42.2	385.2	6,200*	44.7	392.7	8,000*	48.1	402.3	11,000*	205
210	40.5	379.4	5,900*	43.0	387.4	7,500*	46.6	397.5	10,500*	210
215	38.7	373.2	5,600*	41.3	381.7	7,200*	45.0	392.5	10,000*	215
220	36.8	366.5	5,300*	39.5	375.7	6,800*	43.3	387.2	9,500*	220
225	34.8	359.4	5,100*	37.7	369.2	6,400*	41.6	381.6	9,100*	225
230	32.7	351.7	4,800*	35.7	362.3	6,100*	39.8	375.6	8,600*	230
235	30.5	343.3	4,600*	33.7	354.9	5,800*	38.0	369.3	8,200*	235
240	28.1	334.1	4,400*	31.6	346.8	5,500*	36.1	362.5	7,800*	240
245	25.6	323.9	4,200*	29.3	338.0	5,300*	34.1	355.1	7,400*	245
250	22.7	312.3	4,000*	26.8	328.3	5,000*	32.0	347.2	7,000*	250
255				24.1	317.4	4,800*	29.7	338.6	6,600	255
260				21.0	304.9	4,600*	27.3	329.1	6,100	260
265				17.4	289.9	4,500*	24.6	318.4	5,700	265
270				12.9	270.4	4,400*	21.6	306.2	5,300	270
275				4.7	234.9	4,300*	18.2	291.8	4,900	275
280							13.8	273.4	4,500	280
285							7.1	244.1	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

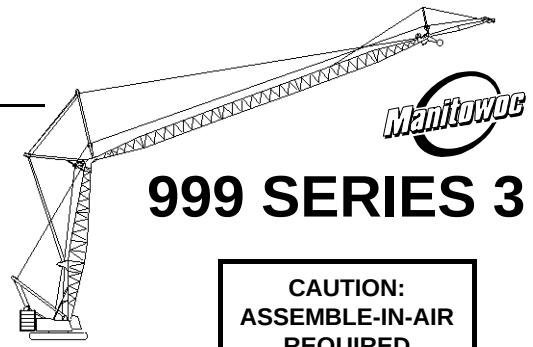
Boom No. 82

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

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

220 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			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.9	423.1	23,600*							70
75	73.4	421.6	23,100*							75
80	71.9	420.0	22,700*							80
85	70.4	418.2	22,400*	72.7	420.4	27,000*				85
90	68.9	416.3	22,000*	71.2	418.7	26,900*				90
95	67.4	414.2	21,500*	69.7	416.8	26,200*				95
100	65.8	412.0	20,900*	68.2	414.8	25,200*				100
105	64.2	409.6	20,400*	66.6	412.7	24,200*				105
110	62.7	407.0	19,300*	65.1	410.4	23,200*	68.6	414.2	26,500*	110
115	61.0	404.3	18,400*	63.5	407.9	22,100*	67.1	412.1	26,200*	115
120	59.4	401.3	17,400*	61.9	405.3	21,100*	65.5	409.9	25,500*	120
125	57.7	398.2	16,500*	60.3	402.4	20,100*	64.0	407.4	25,100*	125
130	56.0	394.9	15,700*	58.6	399.4	19,200*	62.4	404.8	24,500*	130
135	54.3	391.3	14,900*	56.9	396.2	18,200*	60.8	402.1	23,500*	135
140	52.5	387.5	14,100*	55.2	392.7	17,300*	59.1	399.1	22,500*	140
145	50.7	383.5	13,400*	53.5	389.1	16,500*	57.4	395.9	21,600*	145
150	48.8	379.1	12,700*	51.7	385.2	15,600*	55.7	392.5	20,600*	150
155	46.9	374.5	12,100*	49.8	381.0	14,900*	54.0	388.9	19,700*	155
160	44.9	369.6	11,400*	47.9	376.5	14,100*	52.2	385.1	18,800*	160
165	42.9	364.3	10,900*	46.0	371.8	13,400*	50.4	381.0	17,900*	165
170	40.7	358.5	10,300*	44.0	366.7	12,800*	48.5	376.6	17,000	170
175	38.5	352.4	9,800*	41.9	361.2	12,100*	46.6	372.0	16,000	175
180	36.1	345.7	9,400*	39.7	355.2	11,500*	44.6	367.0	15,100	180
185	33.6	338.3	9,000*	37.4	348.8	11,000*	42.5	361.6	14,200	185
190	30.9	330.2	8,600*	35.0	341.8	10,500*	40.3	355.8	13,400	190
195	28.0	321.1	8,300*	32.4	334.1	10,000*	38.1	349.5	12,600	195
200	24.7	310.7	8,000*	29.6	325.6	9,600*	35.7	342.7	11,900	200
205	21.0	298.5	7,800*	26.5	316.0	9,300*	33.1	335.2	11,200	205
210	16.4	283.2	7,700*	23.0	304.8	8,900*	30.4	327.0	10,500	210
215	9.9	260.7	7,600*	19.0	291.4	8,700*	27.4	317.7	9,900	215
220				13.8	273.7	8,500*	24.1	307.0	9,200	220
225				3.9	239.1	8,500*	20.2	294.4	8,600	225
230							15.5	278.3	8,000	230
235							8.2	253.1	7,400	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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

220 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			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.6	431.9	21,300*							75
80	73.2	430.4	20,900*							80
85	71.8	428.7	20,500*							85
90	70.4	426.9	20,200*	72.6	429.1	24,800*				90
95	68.9	424.9	19,800*	71.1	427.4	24,500*				95
100	67.5	422.8	19,400*	69.7	425.5	23,600*				100
105	66.0	420.6	18,900*	68.2	423.5	22,900*				105
110	64.5	418.1	18,400*	66.8	421.3	22,000*				110
115	63.0	415.6	17,600*	65.3	419.0	21,100*	68.7	422.9	23,700*	115
120	61.4	412.8	16,700*	63.8	416.5	20,200*	67.2	420.7	23,400*	120
125	59.9	409.9	15,800*	62.2	413.8	19,200*	65.7	418.4	23,200*	125
130	58.3	406.8	15,000*	60.7	411.0	18,400*	64.2	416.0	22,900*	130
135	56.7	403.4	14,300*	59.1	408.0	17,500*	62.7	413.4	22,400*	135
140	55.0	399.9	13,500*	57.5	404.8	16,600*	61.2	410.6	21,500*	140
145	53.3	396.2	12,800*	55.9	401.3	15,800*	59.6	407.6	20,700*	145
150	51.6	392.2	12,200*	54.2	397.7	15,000*	58.0	404.5	19,800*	150
155	49.8	387.9	11,500*	52.5	393.8	14,300*	56.4	401.1	18,900*	155
160	48.0	383.4	10,900*	50.8	389.7	13,600*	54.7	397.6	18,100*	160
165	46.1	378.6	10,300*	49.0	385.4	12,900*	53.0	393.8	17,300*	165
170	44.2	373.4	9,800*	47.2	380.7	12,200*	51.3	389.7	16,500*	170
175	42.2	367.9	9,300*	45.3	375.7	11,600*	49.5	385.5	15,700*	175
180	40.1	362.0	8,900*	43.3	370.4	11,000*	47.7	380.9	14,900*	180
185	37.9	355.6	8,400*	41.2	364.7	10,500*	45.8	376.0	14,200*	185
190	35.6	348.6	8,100*	39.1	358.6	10,000*	43.9	370.8	13,500*	190
195	33.2	341.0	7,700*	36.9	351.9	9,500*	41.8	365.2	12,800*	195
200	30.5	332.7	7,400*	34.5	344.7	9,000*	39.7	359.2	12,100*	200
205	27.7	323.3	7,100*	32.0	336.8	8,600*	37.5	352.7	11,300*	205
210	24.5	312.6	6,800*	29.2	327.9	8,300*	35.2	345.6	10,700*	210
215	20.8	300.0	6,600*	26.2	318.0	8,000*	32.7	337.9	10,000*	215
220	16.4	284.2	6,500*	22.9	306.5	7,700*	30.1	329.4	9,400*	220
225	10.0	260.9	6,500*	18.9	292.6	7,400*	27.1	319.8	8,800*	225
230				13.8	274.4	7,300*	23.9	308.8	8,200*	230
235				3.7	237.5	7,300*	20.1	295.8	7,700*	235
240							15.4	279.2	7,100*	240
245							8.3	253.0	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

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

220 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			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	
80	74.5	441.1	19,100*							80
85	73.1	439.5	19,000*							85
90	71.8	437.8	18,500*							90
95	70.4	436.0	18,200*	72.5	438.3	21,900*				95
100	69.0	434.0	17,900*	71.1	436.5	21,700*				100
105	67.6	431.9	17,600*	69.8	434.6	21,700*				105
110	66.2	429.7	17,200*	68.4	432.6	20,900*				110
115	64.8	427.3	16,700*	67.0	430.4	20,100*				115
120	63.3	424.7	16,000*	65.6	428.1	19,300*	68.8	432.0	21,400*	120
125	61.9	422.0	15,300*	64.1	425.6	18,500*	67.4	429.8	21,200*	125
130	60.4	419.1	14,500*	62.7	423.0	17,600*	66.0	427.5	21,000*	130
135	58.9	416.0	13,800*	61.2	420.1	16,800*	64.5	425.1	20,800*	135
140	57.3	412.7	13,100*	59.7	417.2	16,100*	63.1	422.5	20,500*	140
145	55.8	409.3	12,400*	58.2	414.0	15,300*	61.6	419.8	19,800*	145
150	54.2	405.6	11,800*	56.6	410.6	14,500*	60.1	416.8	19,000*	150
155	52.6	401.7	11,100*	55.0	407.1	13,800*	58.6	413.7	18,300*	155
160	50.9	397.6	10,600*	53.4	403.3	13,100*	57.1	410.4	17,500*	160
165	49.2	393.2	10,000*	51.8	399.3	12,500*	55.5	406.9	16,700*	165
170	47.4	388.5	9,500*	50.1	395.1	11,800*	53.9	403.2	15,900*	170
175	45.6	383.6	9,000*	48.4	390.6	11,300*	52.3	399.3	15,200*	175
180	43.7	378.3	8,500*	46.6	385.8	10,700*	50.6	395.1	14,500*	180
185	41.8	372.7	8,100*	44.7	380.7	10,100*	48.9	390.7	13,800*	185
190	39.8	366.6	7,700*	42.8	375.2	9,600*	47.1	386.0	13,100*	190
195	37.7	360.1	7,300*	40.9	369.4	9,100*	45.3	381.0	12,500*	195
200	35.4	353.0	7,000*	38.8	363.1	8,700*	43.4	375.6	11,900*	200
205	33.1	345.3	6,700*	36.6	356.4	8,300*	41.4	369.9	11,300*	205
210	30.5	336.8	6,400*	34.3	349.0	7,900*	39.4	363.8	10,800*	210
215	27.8	327.4	6,100*	31.9	341.0	7,500*	37.3	357.2	10,200	215
220	24.7	316.7	5,900*	29.3	332.1	7,200*	35.0	350.0	9,600	220
225	21.3	304.2	5,700*	26.4	322.1	6,900*	32.6	342.2	9,000	225
230	17.1	288.7	5,600*	23.2	310.6	6,700*	30.1	333.6	8,400	230
235	11.4	267.0	5,600*	19.4	297.0	6,400*	27.3	323.9	7,900	235
240				14.7	279.3	6,300*	24.2	312.9	7,400	240
245				7.0	249.8	6,300*	20.6	300.0	6,900	245
250							16.2	283.8	6,400	250
255							10.0	260.0	5,800	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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

220 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			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	
85	74.0	450.1	16,900*							85
90	72.7	448.4	16,700*							90
95	71.4	446.7	16,400*							95
100	70.1	444.8	16,200*	72.1	447.2	19,400*				100
105	68.7	442.8	16,000*	70.8	445.4	19,200*				105
110	67.4	440.7	15,700*	69.4	443.4	19,000*				110
115	66.0	438.4	15,400*	68.1	441.4	18,900*				115
120	64.7	436.0	15,100*	66.8	439.2	18,300*	69.8	442.8	19,100*	120
125	63.3	433.4	14,600*	65.4	436.8	17,600*	68.5	440.8	19,000*	125
130	61.9	430.7	13,900*	64.0	434.3	16,800*	67.1	438.6	18,900*	130
135	60.4	427.8	13,200*	62.6	431.6	16,100*	65.8	436.3	18,700*	135
140	59.0	424.7	12,600*	61.2	428.8	15,400*	64.4	433.8	18,600*	140
145	57.5	421.4	11,900*	59.8	425.9	14,700*	63.0	431.2	18,400*	145
150	56.0	418.0	11,400*	58.3	422.7	14,000*	61.6	428.5	18,100*	150
155	54.5	414.4	10,800*	56.8	419.4	13,400*	60.2	425.5	17,500*	155
160	53.0	410.5	10,200*	55.3	415.9	12,700*	58.7	422.4	16,800*	160
165	51.4	406.5	9,700*	53.8	412.1	12,100*	57.3	419.1	16,100*	165
170	49.8	402.2	9,200*	52.2	408.2	11,500*	55.8	415.7	15,400*	170
175	48.1	397.6	8,700*	50.6	404.0	10,900*	54.2	412.0	14,700*	175
180	46.4	392.8	8,200*	49.0	399.6	10,400*	52.7	408.1	14,100*	180
185	44.6	387.7	7,800*	47.3	394.9	9,800*	51.1	404.0	13,400*	185
190	42.8	382.2	7,400*	45.6	390.0	9,300*	49.5	399.7	12,800*	190
195	40.9	376.4	7,000*	43.8	384.7	8,900*	47.8	395.1	12,200*	195
200	38.9	370.1	6,700*	41.9	379.0	8,400*	46.1	390.2	11,600*	200
205	36.9	363.4	6,300*	40.0	373.0	8,000*	44.3	385.0	11,000*	205
210	34.7	356.1	6,000*	38.0	366.5	7,600*	42.5	379.5	10,500*	210
215	32.4	348.2	5,800*	35.9	359.6	7,200*	40.6	373.6	10,000*	215
220	29.9	339.5	5,500*	33.6	352.0	6,900*	38.6	367.3	9,500*	220
225	27.2	329.8	5,300*	31.2	343.8	6,500*	36.5	360.4	9,000*	225
230	24.3	318.8	5,100*	28.7	334.6	6,300*	34.3	353.1	8,500	230
235	20.9	306.0	4,900*	25.9	324.4	6,000*	32.0	345.0	8,000	235
240	16.8	290.2	4,800*	22.7	312.6	5,800*	29.5	336.2	7,500	240
245	11.2	268.1	4,800*	19.1	298.6	5,600*	26.7	326.3	7,000	245
250				14.5	280.6	5,500*	23.7	315.0	6,500	250
255				7.0	250.6	5,400*	20.2	301.8	6,000	255
260							15.9	285.2	5,500	260
265							9.8	261.0	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

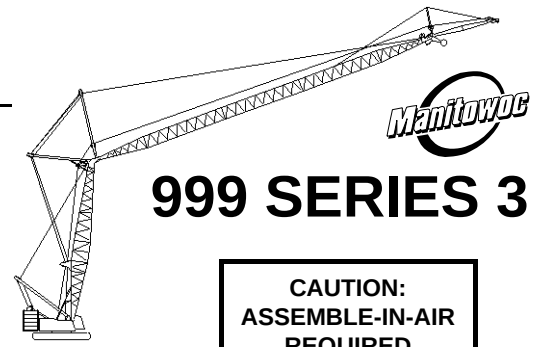


999 SERIES 3

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

220 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			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	
85	74.5	460.6	14,600*							85
90	73.3	459.0	14,600*							90
95	72.1	457.4	14,400*							95
100	70.8	455.6	14,200*	72.7	457.8	16,700*				100
105	69.5	453.7	14,000*	71.5	456.1	16,600*				105
110	68.3	451.6	13,900*	70.2	454.2	16,500*				110
115	67.0	449.5	13,700*	68.9	452.3	16,300*				115
120	65.7	447.2	13,500*	67.7	450.2	16,200*				120
125	64.4	444.7	13,300*	66.4	447.9	16,000*	69.3	451.6	16,300*	125
130	63.0	442.1	13,100*	65.1	445.6	15,800*	68.0	449.6	16,200*	130
135	61.7	439.4	12,800*	63.7	443.0	15,400*	66.7	447.4	16,100*	135
140	60.3	436.5	12,200*	62.4	440.4	14,800*	65.4	445.0	16,000*	140
145	58.9	433.4	11,600*	61.1	437.6	14,100*	64.1	442.6	15,900*	145
150	57.5	430.2	11,000*	59.7	434.6	13,500*	62.8	440.0	15,700*	150
155	56.1	426.8	10,400*	58.3	431.5	12,900*	61.4	437.2	15,600*	155
160	54.7	423.2	9,900*	56.9	428.2	12,300*	60.1	434.3	15,500*	160
165	53.2	419.4	9,400*	55.4	424.7	11,700*	58.7	431.2	15,300*	165
170	51.7	415.4	8,900*	54.0	421.0	11,200*	57.3	427.9	14,900*	170
175	50.1	411.2	8,500*	52.5	417.1	10,600*	55.9	424.5	14,300*	175
180	48.5	406.7	8,000*	50.9	413.0	10,100*	54.4	420.8	13,600*	180
185	46.9	402.0	7,600*	49.4	408.7	9,600*	52.9	417.0	13,100*	185
190	45.2	397.0	7,200*	47.8	404.1	9,100*	51.4	413.0	12,500*	190
195	43.5	391.7	6,800*	46.1	399.2	8,700*	49.8	408.7	11,900*	195
200	41.7	386.0	6,500*	44.4	394.1	8,200*	48.2	404.2	11,300*	200
205	39.9	380.0	6,100*	42.7	388.6	7,800*	46.6	399.4	10,800*	205
210	38.0	373.6	5,800*	40.9	382.8	7,400*	44.9	394.4	10,300*	210
215	36.0	366.7	5,500*	39.0	376.6	7,000*	43.2	389.0	9,800*	215
220	33.8	359.2	5,300*	37.0	369.9	6,700*	41.4	383.3	9,300*	220
225	31.6	351.1	5,000*	35.0	362.8	6,300*	39.6	377.2	8,900*	225
230	29.2	342.2	4,800*	32.8	355.0	6,000*	37.6	370.7	8,400*	230
235	26.5	332.2	4,600*	30.5	346.5	5,800*	35.6	363.7	8,000*	235
240	23.6	321.0	4,400*	28.0	337.2	5,500*	33.4	356.1	7,600*	240
245	20.3	307.9	4,300*	25.2	326.7	5,300*	31.2	347.9	7,200*	245
250	16.4	291.8	4,200*	22.2	314.7	5,100*	28.7	338.8	6,700*	250
255	10.9	269.3	4,200*	18.6	300.4	4,900*	26.1	328.7	6,300*	255
260				14.1	282.1	4,800*	23.1	317.2	5,800*	260
265				6.8	251.8	4,700*	19.7	303.6	5,400*	265
270							15.5	286.8	5,000*	270
275							9.6	262.2	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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

220 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			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	
85	74.9	471.1	12,200*							85
90	73.7	469.6	12,100*							90
95	72.5	468.0	12,000*							95
100	71.3	466.3	11,900*							100
105	70.1	464.5	11,800*	72.0	466.8	13,800*				105
110	68.9	462.5	11,600*	70.8	465.0	13,700*				110
115	67.7	460.5	11,500*	69.6	463.1	13,500*				115
120	66.4	458.3	11,300*	68.3	461.1	13,400*				120
125	65.2	455.9	11,200*	67.1	459.0	13,200*	69.9	462.4	13,400*	125
130	63.9	453.5	11,100*	65.9	456.7	13,100*	68.7	460.5	13,300*	130
135	62.7	450.9	10,900*	64.6	454.3	12,900*	67.5	458.4	13,200*	135
140	61.4	448.1	10,800*	63.3	451.8	12,800*	66.2	456.2	13,100*	140
145	60.1	445.2	10,700*	62.1	449.1	12,700*	65.0	453.8	13,000*	145
150	58.7	442.2	10,500*	60.8	446.3	12,600*	63.7	451.3	12,800*	150
155	57.4	439.0	10,000*	59.4	443.4	12,300*	62.4	448.7	12,700*	155
160	56.0	435.6	9,500*	58.1	440.2	11,800*	61.1	445.9	12,600*	160
165	54.6	432.0	9,100*	56.7	436.9	11,300*	59.8	443.0	12,400*	165
170	53.2	428.3	8,600*	55.4	433.5	10,700*	58.5	439.9	12,300*	170
175	51.8	424.3	8,200*	54.0	429.8	10,200*	57.1	436.7	12,200*	175
180	50.3	420.2	7,800*	52.5	426.0	9,800*	55.8	433.3	12,100*	180
185	48.8	415.8	7,400*	51.1	421.9	9,300*	54.4	429.7	11,900*	185
190	47.2	411.2	7,000*	49.6	417.7	8,800*	52.9	425.9	11,800*	190
195	45.6	406.3	6,600*	48.1	413.2	8,400*	51.5	421.9	11,500*	195
200	44.0	401.1	6,300*	46.5	408.4	8,000*	50.0	417.7	11,000*	200
205	42.3	395.6	5,900*	44.9	403.4	7,600*	48.5	413.3	10,500*	205
210	40.6	389.8	5,600*	43.2	398.1	7,200*	47.0	408.6	10,000*	210
215	38.8	383.6	5,300*	41.5	392.5	6,800*	45.4	403.7	9,500*	215
220	36.9	377.0	5,100*	39.8	386.5	6,500*	43.7	398.5	9,100*	220
225	34.9	369.9	4,800*	37.9	380.1	6,100*	42.0	392.9	8,600*	225
230	32.9	362.3	4,600*	36.0	373.3	5,800*	40.3	387.1	8,200*	230
235	30.7	353.9	4,300*	34.0	365.9	5,500*	38.5	380.8	7,800*	235
240	28.3	344.8	4,100*	31.9	358.0	5,300*	36.6	374.1	7,400*	240
245	25.8	334.7	4,000*	29.6	349.3	5,000*	34.6	366.9	7,100*	245
250				27.1	339.7	4,800*	32.5	359.1	6,700*	250
255				24.5	329.0	4,600*	30.3	350.7	6,300	255
260				21.5	316.8	4,400*	27.9	341.4	5,800	260
265				18.0	302.2	4,200*	25.3	331.0	5,400	265
270				13.6	283.5	4,100*	22.4	319.3	5,000	270
275				6.6	253.0	4,100*	19.1	305.5	4,600	275
280							15.0	288.4	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

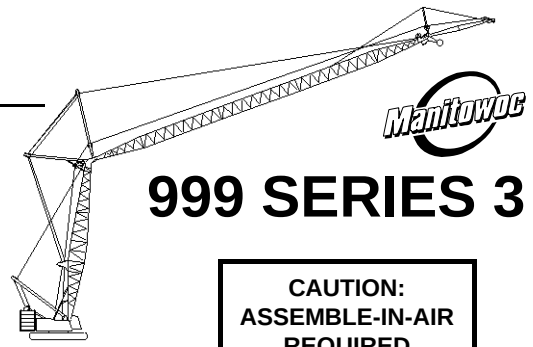
Boom No. 82

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

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

230 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			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.0	433.2	22,000*							70
75	73.5	431.7	21,700*							75
80	72.0	430.1	21,100*							80
85	70.5	428.3	20,700*	72.9	430.6	25,000*				85
90	69.0	426.4	20,300*	71.4	428.9	24,600*				90
95	67.5	424.3	19,800*	69.9	427.1	24,300*				95
100	65.9	422.1	19,300*	68.4	425.1	23,500*				100
105	64.3	419.7	18,900*	66.8	423.0	22,500*				105
110	62.8	417.2	18,000*	65.3	420.7	21,600*	69.0	424.6	24,500*	110
115	61.2	414.5	17,100*	63.7	418.2	20,600*	67.5	422.6	23,700*	115
120	59.5	411.5	16,300*	62.1	415.6	19,700*	65.9	420.4	23,400*	120
125	57.9	408.4	15,400*	60.5	412.8	18,800*	64.3	418.0	23,100*	125
130	56.2	405.1	14,700*	58.9	409.8	17,900*	62.8	415.4	22,700*	130
135	54.4	401.6	13,900*	57.2	406.6	17,000*	61.1	412.7	21,800*	135
140	52.7	397.8	13,200*	55.5	403.2	16,200*	59.5	409.8	20,900*	140
145	50.8	393.7	12,500*	53.7	399.6	15,400*	57.8	406.6	20,000*	145
150	49.0	389.4	11,900*	51.9	395.7	14,600*	56.1	403.3	19,200*	150
155	47.1	384.8	11,300*	50.1	391.6	13,900*	54.4	399.8	18,300*	155
160	45.1	379.9	10,700*	48.2	387.2	13,200*	52.6	396.0	17,500*	160
165	43.0	374.6	10,200*	46.3	382.4	12,600*	50.8	392.0	16,700*	165
170	40.9	369.0	9,700*	44.3	377.4	12,000*	49.0	387.7	15,900*	170
175	38.6	362.8	9,200*	42.2	371.9	11,400*	47.0	383.1	15,200*	175
180	36.3	356.1	8,800*	40.0	366.1	10,800*	45.1	378.1	14,500*	180
185	33.8	348.8	8,400*	37.7	359.7	10,300*	43.0	372.9	13,800*	185
190	31.1	340.8	8,100*	35.3	352.8	9,800*	40.9	367.2	13,000	190
195	28.2	331.8	7,800*	32.7	345.2	9,400*	38.6	361.0	12,200	195
200	25.0	321.5	7,500*	30.0	336.8	9,000*	36.3	354.3	11,500	200
205	21.3	309.4	7,300*	26.9	327.4	8,700*	33.8	347.0	10,800	205
210	16.8	294.4	7,200*	23.6	316.5	8,400*	31.1	339.0	10,100	210
215	10.5	272.8	7,200*	19.6	303.4	8,200*	28.2	330.0	9,500	215
220				14.6	286.5	8,000*	24.9	319.7	8,900	220
225				6.4	257.9	8,000*	21.3	307.6	8,300	225
230							16.8	292.6	7,700	230
235							10.5	271.0	7,100	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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

230 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			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.7	442.0	19,900*							75
80	73.3	440.5	19,500*							80
85	71.9	438.8	19,100*							85
90	70.5	437.0	18,800*	72.8	439.3	22,700*				90
95	69.0	435.1	18,400*	71.3	437.6	22,300*				95
100	67.6	433.0	18,000*	69.9	435.8	22,000*				100
105	66.1	430.7	17,600*	68.4	433.8	21,400*				105
110	64.6	428.3	17,200*	67.0	431.6	20,500*				110
115	63.1	425.7	16,400*	65.5	429.3	19,700*	69.0	433.3	22,000*	115
120	61.5	423.0	15,600*	64.0	426.8	18,800*	67.6	431.2	21,700*	120
125	60.0	420.1	14,800*	62.5	424.2	18,000*	66.1	428.9	21,400*	125
130	58.4	417.0	14,000*	60.9	421.4	17,100*	64.6	426.5	21,200*	130
135	56.8	413.7	13,300*	59.3	418.4	16,300*	63.1	424.0	20,800*	135
140	55.1	410.2	12,600*	57.7	415.2	15,500*	61.5	421.2	20,000*	140
145	53.4	406.4	12,000*	56.1	411.8	14,800*	60.0	418.3	19,200*	145
150	51.7	402.5	11,400*	54.5	408.2	14,000*	58.4	415.2	18,400*	150
155	50.0	398.2	10,800*	52.8	404.4	13,300*	56.8	411.9	17,600*	155
160	48.1	393.7	10,200*	51.0	400.3	12,700*	55.1	408.4	16,800*	160
165	46.3	388.9	9,700*	49.2	396.0	12,100*	53.4	404.6	16,100*	165
170	44.3	383.8	9,200*	47.4	391.4	11,400*	51.7	400.7	15,300*	170
175	42.3	378.3	8,700*	45.5	386.4	10,900*	50.0	396.4	14,600*	175
180	40.3	372.4	8,300*	43.6	381.2	10,300*	48.1	391.9	13,900*	180
185	38.1	366.0	7,900*	41.5	375.5	9,800*	46.3	387.1	13,300*	185
190	35.8	359.1	7,500*	39.4	369.4	9,300*	44.3	382.0	12,600*	190
195	33.3	351.6	7,200*	37.2	362.9	8,900*	42.3	376.5	12,000*	195
200	30.7	343.3	6,900*	34.8	355.7	8,500*	40.3	370.6	11,500*	200
205	27.9	334.0	6,600*	32.3	347.9	8,100*	38.1	364.3	11,000*	205
210	24.7	323.4	6,400*	29.6	339.2	7,800*	35.8	357.3	10,300	210
215	21.1	310.9	6,200*	26.7	329.4	7,500*	33.3	349.8	9,700	215
220	16.7	295.4	6,100*	23.4	318.2	7,200*	30.7	341.5	9,100	220
225	10.5	273.1	6,100*	19.5	304.7	7,000*	27.9	332.2	8,500	225
230				14.6	287.3	6,800*	24.7	321.6	7,900	230
235				6.4	257.3	6,800*	21.1	309.1	7,400	235
240							16.7	293.6	6,800	240
245							10.5	271.2	6,300	245

Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

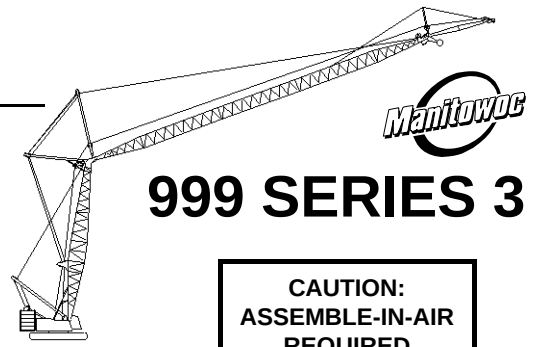
Boom No. 82

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

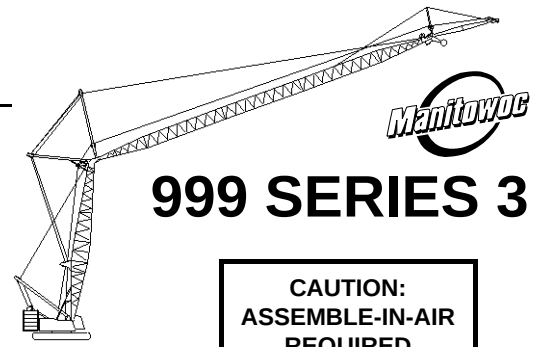


999 SERIES 3

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

230 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			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	
80	74.6	451.2	17,900*							80
85	73.2	449.6	17,600*							85
90	71.9	448.0	17,300*							90
95	70.5	446.1	17,000*	72.7	448.5	20,500*				95
100	69.1	444.2	16,700*	71.3	446.8	20,200*				100
105	67.7	442.1	16,300*	70.0	444.9	19,900*				105
110	66.3	439.8	16,000*	68.6	442.9	19,500*				110
115	64.9	437.4	15,600*	67.2	440.7	18,800*				115
120	63.4	434.9	15,000*	65.8	438.4	18,000*	69.1	442.4	19,900*	120
125	62.0	432.1	14,300*	64.3	435.9	17,200*	67.7	440.3	19,700*	125
130	60.5	429.3	13,500*	62.9	433.3	16,500*	66.3	438.0	19,500*	130
135	59.0	426.2	12,900*	61.4	430.5	15,700*	64.9	435.6	19,200*	135
140	57.5	422.9	12,200*	59.9	427.6	15,000*	63.4	433.1	19,000*	140
145	55.9	419.5	11,600*	58.4	424.4	14,300*	62.0	430.4	18,400*	145
150	54.3	415.8	11,000*	56.8	421.1	13,600*	60.5	427.5	17,700*	150
155	52.7	412.0	10,400*	55.3	417.6	12,900*	59.0	424.4	17,000*	155
160	51.0	407.9	9,900*	53.7	413.8	12,300*	57.4	421.2	16,300*	160
165	49.3	403.5	9,400*	52.0	409.9	11,700*	55.9	417.7	15,500*	165
170	47.5	398.9	8,900*	50.3	405.7	11,100*	54.3	414.1	14,900*	170
175	45.7	393.9	8,400*	48.6	401.2	10,500*	52.7	410.2	14,200*	175
180	43.9	388.7	8,000*	46.8	396.5	10,000*	51.0	406.1	13,500*	180
185	41.9	383.1	7,600*	45.0	391.4	9,500*	49.3	401.7	12,900*	185
190	39.9	377.0	7,200*	43.1	386.0	9,000*	47.5	397.1	12,300*	190
195	37.8	370.5	6,800*	41.1	380.2	8,600*	45.7	392.2	11,700*	195
200	35.6	363.5	6,500*	39.1	374.0	8,100*	43.9	386.9	11,100*	200
205	33.2	355.9	6,200*	36.9	367.3	7,700*	41.9	381.3	10,600*	205
210	30.7	347.5	6,000*	34.7	360.1	7,400*	39.9	375.2	10,100*	210
215	28.0	338.1	5,700*	32.3	352.1	7,000*	37.8	368.8	9,600*	215
220	25.0	327.5	5,500*	29.7	343.4	6,700*	35.6	361.7	9,200*	220
225	21.5	315.1	5,300*	26.8	333.6	6,500*	33.2	354.1	8,700*	225
230	17.4	299.9	5,200*	23.7	322.3	6,200*	30.7	345.7	8,100	230
235	11.9	278.9	5,200*	20.0	309.0	6,000*	28.0	336.3	7,600	235
240				15.5	292.1	5,900*	25.0	325.7	7,100	240
245				8.6	265.9	5,900*	21.5	313.3	6,600	245
250							17.4	298.1	6,100	250
255							11.8	277.1	5,600	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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

230 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			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	
85	74.1	460.2	15,900*							85
90	72.8	458.6	15,700*							90
95	71.5	456.8	15,500*							95
100	70.1	455.0	15,200*	72.2	457.4	18,300*				100
105	68.8	453.0	14,900*	70.9	455.6	18,100*				105
110	67.5	450.8	14,700*	69.6	453.7	17,800*				110
115	66.1	448.6	14,400*	68.3	451.6	17,600*				115
120	64.8	446.1	14,100*	66.9	449.4	17,100*				120
125	63.4	443.6	13,700*	65.6	447.1	16,400*	68.8	451.2	17,800*	125
130	62.0	440.8	13,000*	64.2	444.6	15,700*	67.5	449.1	17,700*	130
135	60.5	438.0	12,400*	62.8	442.0	15,000*	66.1	446.8	17,500*	135
140	59.1	434.9	11,800*	61.4	439.2	14,400*	64.8	444.4	17,300*	140
145	57.6	431.7	11,200*	60.0	436.3	13,700*	63.4	441.8	17,200*	145
150	56.1	428.2	10,600*	58.5	433.1	13,100*	62.0	439.1	16,900*	150
155	54.6	424.6	10,000*	57.0	429.8	12,500*	60.5	436.2	16,200*	155
160	53.1	420.8	9,500*	55.5	426.3	11,900*	59.1	433.1	15,600*	160
165	51.5	416.8	9,000*	54.0	422.6	11,300*	57.6	429.9	15,000*	165
170	49.9	412.5	8,600*	52.5	418.7	10,700*	56.1	426.5	14,300*	170
175	48.2	407.9	8,100*	50.9	414.6	10,200*	54.6	422.9	13,700*	175
180	46.5	403.1	7,700*	49.2	410.2	9,700*	53.1	419.0	13,100*	180
185	44.7	398.0	7,300*	47.5	405.6	9,200*	51.5	415.0	12,500*	185
190	42.9	392.6	6,900*	45.8	400.6	8,700*	49.9	410.7	11,900*	190
195	41.0	386.8	6,500*	44.0	395.4	8,300*	48.2	406.2	11,400*	195
200	39.1	380.5	6,200*	42.2	389.8	7,800*	46.5	401.4	10,800*	200
205	37.0	373.9	5,900*	40.3	383.8	7,400*	44.7	396.2	10,300*	205
210	34.8	366.6	5,600*	38.3	377.5	7,100*	42.9	390.8	9,800*	210
215	32.5	358.8	5,400*	36.2	370.6	6,700*	41.0	385.0	9,300*	215
220	30.1	350.1	5,100*	33.9	363.1	6,400*	39.1	378.8	8,900*	220
225	27.4	340.5	4,900*	31.6	354.9	6,100*	37.0	372.1	8,500*	225
230	24.5	329.6	4,700*	29.1	345.9	5,800*	34.8	364.8	8,100*	230
235	21.1	317.0	4,600*	26.3	335.9	5,600*	32.5	357.0	7,700*	235
240	17.1	301.4	4,500*	23.2	324.4	5,400*	30.1	348.3	7,200	240
245	11.7	280.0	4,500*	19.6	310.7	5,200*	27.4	338.7	6,700	245
250				15.2	293.5	5,100*	24.5	327.8	6,200	250
255				8.5	266.7	5,000*	21.1	315.2	5,700	255
260							17.1	299.6	5,300	260
265							11.7	278.2	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

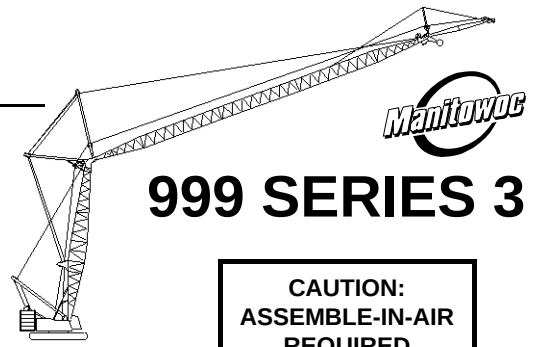
Boom No. 82

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

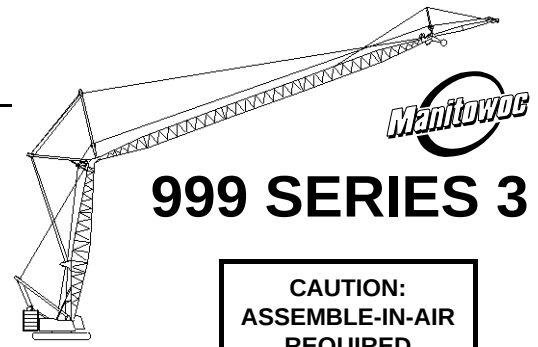


999 SERIES 3

**CAUTION:
ASSEMBLE-IN-AIR
REQUIRED**

230 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			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	
85	74.6	470.7	14,000*							85
90	73.4	469.2	13,800*							90
95	72.1	467.5	13,700*							95
100	70.9	465.7	13,600*	72.9	468.0	16,000*				100
105	69.6	463.8	13,400*	71.6	466.3	15,900*				105
110	68.4	461.8	13,200*	70.4	464.5	15,700*				110
115	67.1	459.6	13,000*	69.1	462.5	15,600*				115
120	65.8	457.3	12,800*	67.8	460.4	15,400*				120
125	64.5	454.9	12,500*	66.6	458.2	15,200*	69.6	462.0	15,600*	125
130	63.1	452.3	12,300*	65.2	455.9	15,000*	68.4	460.0	15,500*	130
135	61.8	449.6	11,900*	63.9	453.4	14,400*	67.1	457.8	15,400*	135
140	60.4	446.7	11,300*	62.6	450.7	13,800*	65.8	455.6	15,300*	140
145	59.0	443.6	10,800*	61.2	448.0	13,200*	64.5	453.1	15,200*	145
150	57.6	440.4	10,300*	59.9	445.0	12,600*	63.1	450.5	15,000*	150
155	56.2	437.0	9,700*	58.5	441.9	12,100*	61.8	447.8	14,900*	155
160	54.8	433.5	9,300*	57.1	438.6	11,500*	60.4	444.9	14,700*	160
165	53.3	429.7	8,800*	55.6	435.1	11,000*	59.0	441.9	14,400*	165
170	51.8	425.7	8,300*	54.2	431.5	10,400*	57.6	438.7	13,800*	170
175	50.2	421.5	7,900*	52.7	427.6	9,900*	56.2	435.3	13,300*	175
180	48.6	417.0	7,500*	51.2	423.5	9,400*	54.8	431.7	12,700*	180
185	47.0	412.3	7,100*	49.6	419.2	9,000*	53.3	427.9	12,200*	185
190	45.4	407.3	6,700*	48.0	414.7	8,500*	51.8	423.9	11,600*	190
195	43.6	402.1	6,300*	46.4	409.9	8,100*	50.2	419.7	11,100*	195
200	41.9	396.4	6,000*	44.7	404.8	7,700*	48.6	415.3	10,600*	200
205	40.0	390.5	5,700*	42.9	399.4	7,300*	47.0	410.5	10,100*	205
210	38.1	384.0	5,400*	41.1	393.6	6,900*	45.4	405.6	9,600*	210
215	36.1	377.2	5,100*	39.3	387.5	6,500*	43.6	400.3	9,100*	215
220	34.0	369.7	4,900*	37.3	380.9	6,200*	41.9	394.7	8,700*	220
225	31.7	361.7	4,700*	35.3	373.8	5,900*	40.0	388.7	8,300*	225
230	29.3	352.8	4,500*	33.1	366.1	5,600*	38.1	382.3	7,900*	230
235	26.7	343.0	4,300*	30.8	357.7	5,400*	36.1	375.4	7,500*	235
240	23.9	331.8	4,100*	28.3	348.5	5,100*	34.0	367.9	7,100*	240
245	20.6	318.9	4,000*	25.6	338.2	4,900*	31.7	359.9	6,800*	245
250				22.6	326.5	4,700*	29.3	351.0	6,400	250
255				19.1	312.6	4,600*	26.7	341.2	6,000	255
260				14.8	295.0	4,400*	23.8	330.0	5,500	260
265				8.3	267.9	4,400*	20.6	317.1	5,100	265
270							16.6	301.3	4,700	270
275							11.4	279.5	4,300	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

CAUTION:
ASSEMBLE-IN-AIR
REQUIRED

230 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			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	
85	75.0	481.2	11,800*							85
90	73.8	479.7	11,800*							90
95	72.6	478.1	11,600*							95
100	71.4	476.4	11,500*							100
105	70.2	474.6	11,400*	72.1	477.0	13,400*				105
110	69.0	472.7	11,300*	70.9	475.2	13,300*				110
115	67.8	470.6	11,100*	69.7	473.4	13,200*				115
120	66.5	468.4	11,000*	68.5	471.4	13,000*				120
125	65.3	466.1	10,800*	67.3	469.3	12,900*				125
130	64.0	463.7	10,700*	66.0	467.0	12,700*	69.0	470.9	13,000*	130
135	62.7	461.1	10,500*	64.8	464.7	12,600*	67.8	468.8	12,900*	135
140	61.5	458.3	10,400*	63.5	462.1	12,400*	66.5	466.6	12,800*	140
145	60.1	455.4	10,200*	62.2	459.5	12,300*	65.3	464.3	12,600*	145
150	58.8	452.4	9,800*	60.9	456.7	12,000*	64.0	461.9	12,500*	150
155	57.5	449.2	9,400*	59.6	453.8	11,500*	62.7	459.3	12,400*	155
160	56.1	445.8	8,900*	58.3	450.7	11,000*	61.5	456.6	12,300*	160
165	54.7	442.3	8,500*	56.9	447.4	10,500*	60.1	453.7	12,200*	165
170	53.3	438.5	8,000*	55.6	443.9	10,000*	58.8	450.6	12,000*	170
175	51.9	434.6	7,600*	54.2	440.3	9,600*	57.5	447.4	11,900*	175
180	50.4	430.5	7,200*	52.7	436.5	9,100*	56.1	444.1	11,800*	180
185	48.9	426.1	6,800*	51.3	432.5	8,700*	54.7	440.5	11,700*	185
190	47.3	421.5	6,500*	49.8	428.3	8,200*	53.3	436.8	11,200*	190
195	45.8	416.6	6,100*	48.3	423.8	7,800*	51.9	432.8	10,700*	195
200	44.1	411.5	5,800*	46.7	419.1	7,400*	50.4	428.7	10,200*	200
205	42.5	406.0	5,500*	45.1	414.1	7,100*	48.9	424.3	9,800*	205
210	40.7	400.2	5,200*	43.5	408.8	6,700*	47.3	419.7	9,300*	210
215	38.9	394.1	4,900*	41.8	403.3	6,300*	45.8	414.8	8,900*	215
220	37.0	387.5	4,700*	40.0	397.3	6,000*	44.1	409.7	8,500*	220
225	35.1	380.4	4,400*	38.2	391.0	5,700*	42.5	404.2	8,000*	225
230	33.0	372.8	4,200*	36.3	384.2	5,400*	40.7	398.4	7,700*	230
235	30.8	364.5	4,000*	34.3	377.0	5,100*	38.9	392.3	7,300*	235
240				32.2	369.1	4,900*	37.0	385.7	6,900*	240
245				29.9	360.5	4,600*	35.1	378.6	6,600*	245
250				27.5	351.1	4,400*	33.0	371.0	6,300*	250
255				24.9	340.6	4,200*	30.8	362.7	6,000*	255
260				21.9	328.6	4,100*	28.5	353.7	5,500	260
265							25.9	343.6	5,100	265
270							23.1	332.2	4,700	270
275							19.9	319.0	4,300	275