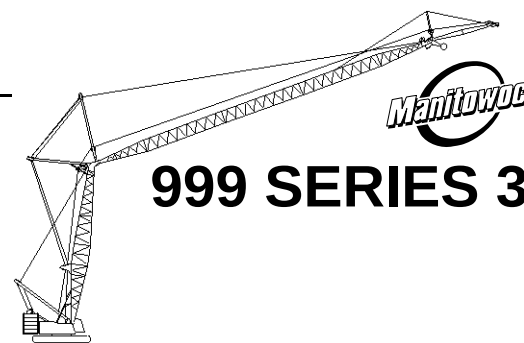


Liftcrane Fixed Jib Capacities

**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

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 75% of a static tipping load. 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.

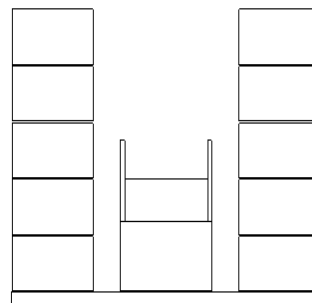
FIXED JIB POINT ELEVATION: Fixed jib point elevation is vertical distance from ground level to centerline of fixed jib point shaft.

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. 8419-A** for luffing jib capacities. Consult chart **No. 8370-A** for intermediate fall capacities with fixed jib attached.

Lower boom point cannot be used when using this chart.



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

Intermediate Fall Deduct

Deduct 1,200 Lbs. from capacities when luffing jib is equipped with intermediate fall.

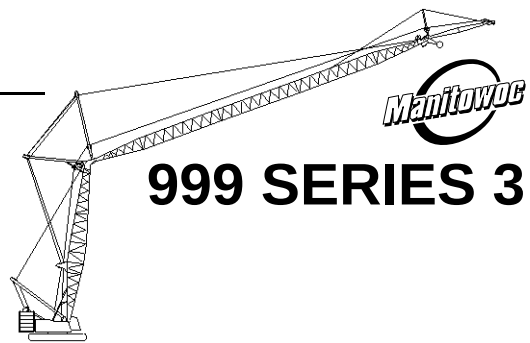
Boom Catwalks Deduct

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

Liftcrane Fixed Jib Capacities

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

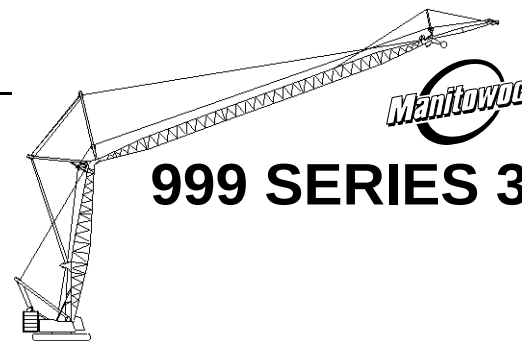
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

80 Ft. Boom, 170 Ft. Luffing Jib, 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	43,200*	110
115	59.4	261.5	37,300*	60.4	262.9	38,800*	61.7	264.8	40,200*	63.0	266.2	41,600*	115
120	57.8	258.4	35,600*	58.7	259.9	37,200*	60.1	261.9	38,900*	61.4	263.5	40,200*	120
125	56.1	255.0	33,700*	57.0	256.7	35,500*	58.4	258.9	37,600*	59.8	260.6	38,800*	125
130	54.3	251.5	31,900*	55.3	253.3	33,300*	56.7	255.6	35,200*	58.1	257.6	37,100*	130
135	52.6	247.7	30,100*	53.6	249.6	31,300*	55.0	252.1	33,000*	56.4	254.3	34,800*	135
140	50.7	243.6	28,400*	51.8	245.7	29,400*	53.3	248.4	31,000*	54.7	250.8	32,600*	140
145	48.9	239.3	26,800*	49.9	241.5	27,700*	51.5	244.5	29,100*	52.9	247.0	30,600*	145
150	47.0	234.7	25,200*	48.0	237.1	26,100*	49.6	240.3	27,400*	51.1	243.0	28,800*	150
155	45.0	229.8	23,800*	46.1	232.3	24,600*	47.7	235.8	25,800*	49.3	238.8	27,100*	155
160	42.9	224.5	22,500*	44.1	227.2	23,200*	45.8	231.0	24,300*	47.4	234.2	25,600*	160
165	40.8	218.8	21,200*	42.0	221.8	21,900*	43.7	225.8	23,000*	45.4	229.4	24,100*	165
170	38.5	212.6	20,100*	39.8	215.9	20,700*	41.6	220.3	21,700*	43.4	224.2	22,700*	170
175	36.2	205.9	19,000*	37.5	209.5	19,600*	39.4	214.3	20,500*	41.2	218.5	21,500*	175
180	33.7	198.6	18,000*	35.1	202.5	18,500*	37.1	207.8	19,400*	39.0	212.5	20,300*	180
185	31.0	190.5	17,000*	32.5	194.9	17,500*	34.6	200.8	18,300*	36.7	205.9	19,200*	185
190	28.0	181.4	16,100*	29.7	186.4	16,600*	32.0	193.0	17,300*	34.2	198.7	18,100*	190
195	24.8	171.1	15,200*	26.6	176.8	15,700*	29.2	184.3	16,400*	31.6	190.8	17,200*	195
200	21.1	158.9	14,400*	23.2	165.7	14,900*	26.1	174.5	15,500*	28.7	182.0	16,200*	200
205	16.5	143.7	13,100*	19.2	152.4	14,100*	22.6	163.1	14,700*	25.5	171.9	15,400*	205
210	10.1	121.5	10,300*	14.1	135.0	12,600*	18.4	149.3	13,900*	21.9	160.2	14,500*	210
215				4.9	103.0	9,000*	13.0	130.8	13,000*	17.6	145.8	13,700*	215
220										11.8	125.9	13,000*	220



Liftcrane Fixed Jib Capacities

999 SERIES 3

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

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	41,900*	110
115	61.0	273.1	35,600*	61.9	274.4	36,900*	63.2	276.1	38,800*	64.4	277.4	40,300*	115
120	59.5	270.1	34,100*	60.3	271.6	35,400*	61.6	273.4	37,200*	62.9	274.9	38,900*	120
125	57.9	267.0	32,700*	58.8	268.6	33,900*	60.1	270.6	35,700*	61.4	272.2	37,300*	125
130	56.3	263.7	31,400*	57.2	265.4	32,600*	58.5	267.5	34,300*	59.8	269.3	35,800*	130
135	54.6	260.2	29,700*	55.5	262.0	30,700*	56.9	264.3	32,400*	58.2	266.2	34,200*	135
140	52.9	256.5	27,900*	53.9	258.3	28,900*	55.3	260.9	30,400*	56.6	263.0	32,100*	140
145	51.2	252.5	26,200*	52.2	254.5	27,100*	53.6	257.2	28,600*	55.0	259.5	30,100*	145
150	49.4	248.2	24,700*	50.4	250.4	25,500*	51.9	253.3	26,900*	53.3	255.8	28,300*	150
155	47.6	243.7	23,300*	48.7	246.1	24,000*	50.1	249.2	25,300*	51.6	251.9	26,600*	155
160	45.8	238.9	21,900*	46.8	241.4	22,700*	48.3	244.8	23,800*	49.8	247.7	25,000*	160
165	43.8	233.8	20,700*	44.9	236.5	21,400*	46.5	240.1	22,400*	48.0	243.2	23,600*	165
170	41.8	228.3	19,500*	43.0	231.2	20,200*	44.6	235.1	21,200*	46.2	238.5	22,200*	170
175	39.7	222.4	18,400*	40.9	225.5	19,000*	42.6	229.7	20,000*	44.3	233.4	20,900*	175
180	37.6	216.0	17,400*	38.8	219.4	18,000*	40.6	224.0	18,800*	42.3	228.0	19,800*	180
185	35.3	209.1	16,500*	36.6	212.8	17,000*	38.4	217.8	17,800*	40.2	222.2	18,600*	185
190	32.8	201.5	15,500*	34.2	205.6	16,000*	36.2	211.1	16,800*	38.0	215.9	17,600*	190
195	30.2	193.1	14,700*	31.7	197.7	15,100*	33.8	203.8	15,900*	35.8	209.1	16,600*	195
200	27.3	183.8	13,900*	29.0	188.9	14,300*	31.2	195.7	15,000*	33.4	201.7	15,700*	200
205	24.2	173.2	13,100*	26.0	179.1	13,500*	28.5	186.8	14,100*	30.8	193.5	14,800*	205
210	20.5	160.7	12,400*	22.6	167.7	12,700*	25.5	176.7	13,300*	28.0	184.4	14,000*	210
215	16.1	145.0	11,100*	18.7	154.0	12,000*	22.0	165.1	12,600*	24.9	174.1	13,200*	215
220	9.9	122.3	8,500*	13.7	136.2	10,600*	18.0	150.9	11,900*	21.4	162.1	12,400*	220
225				4.8	103.3	7,300*	12.7	131.9	11,100*	17.2	147.3	11,700*	225
230										11.5	126.8	11,000*	230

Liftcrane Fixed Jib Capacities

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

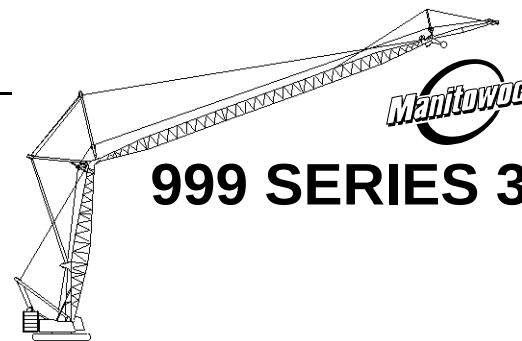
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

80 Ft. Boom, 190 Ft. Luffing Jib, 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	40,900*	115
120	61.0	281.7	33,800*	61.8	283.1	36,700*	63.0	284.8	38,400*	64.2	286.1	39,700*	120
125	59.5	278.8	32,200*	60.3	280.2	34,600*	61.6	282.1	36,700*	62.8	283.6	38,400*	125
130	58.0	275.7	30,700*	58.8	277.2	32,400*	60.1	279.2	34,300*	61.3	280.9	36,300*	130
135	56.4	272.4	29,300*	57.3	274.0	30,400*	58.6	276.2	32,100*	59.8	278.0	33,900*	135
140	54.9	268.9	27,500*	55.7	270.7	28,500*	57.0	273.0	30,100*	58.3	274.9	31,700*	140
145	53.3	265.2	25,900*	54.2	267.1	26,800*	55.5	269.6	28,200*	56.8	271.7	29,800*	145
150	51.6	261.3	24,300*	52.5	263.3	25,200*	53.9	265.9	26,500*	55.2	268.2	27,900*	150
155	50.0	257.1	22,900*	50.9	259.3	23,700*	52.3	262.1	24,900*	53.6	264.6	26,200*	155
160	48.2	252.7	21,600*	49.2	255.0	22,300*	50.6	258.0	23,500*	52.0	260.7	24,700*	160
165	46.5	248.0	20,300*	47.5	250.5	21,000*	48.9	253.7	22,100*	50.3	256.6	23,200*	165
170	44.7	243.0	19,200*	45.7	245.6	19,800*	47.2	249.1	20,800*	48.6	252.2	21,900*	170
175	42.8	237.7	18,100*	43.8	240.5	18,700*	45.4	244.3	19,600*	46.9	247.6	20,600*	175
180	40.8	232.0	17,100*	41.9	235.0	17,600*	43.5	239.1	18,500*	45.1	242.6	19,400*	180
185	38.8	225.9	16,100*	39.9	229.1	16,600*	41.6	233.5	17,500*	43.2	237.4	18,300*	185
190	36.7	219.3	15,200*	37.9	222.8	15,700*	39.6	227.6	16,500*	41.3	231.8	17,300*	190
195	34.4	212.1	14,300*	35.7	216.0	14,800*	37.5	221.2	15,500*	39.2	225.7	16,300*	195
200	32.0	204.3	13,500*	33.4	208.5	14,000*	35.3	214.2	14,600*	37.1	219.3	15,400*	200
205	29.5	195.8	12,700*	30.9	200.4	13,200*	33.0	206.7	13,800*	34.9	212.2	14,500*	205
210	26.7	186.2	12,000*	28.3	191.4	12,400*	30.5	198.5	13,000*	32.6	204.6	13,600*	210
215	23.6	175.2	11,300*	25.4	181.3	11,700*	27.8	189.3	12,300*	30.0	196.2	12,900*	215
220	20.1	162.4	10,700*	22.1	169.6	11,000*	24.9	178.9	11,500*	27.3	186.8	12,100*	220
225	15.8	146.4	9,400*	18.3	155.6	10,300*	21.5	166.9	10,900*	24.3	176.2	11,400*	225
230	9.6	123.1	7,000*	13.4	137.3	9,000*	17.6	152.4	10,200*	20.9	163.9	10,700*	230
235				4.7	103.7	5,900*	12.4	132.9	9,500*	16.8	148.7	10,100*	235
240										11.2	127.8	9,400*	240



Liftcrane Fixed Jib Capacities

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

Liftcrane Fixed Jib Capacities

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

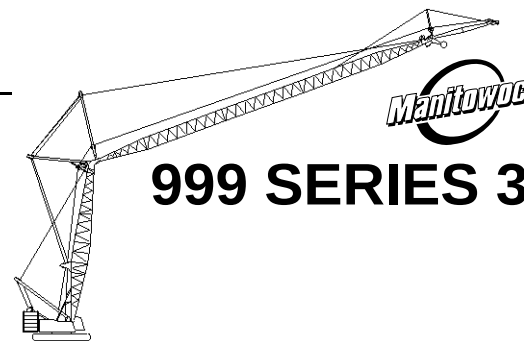
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	34,000*	125
130	60.9	299.1	28,900*	61.7	300.4	30,800*	62.8	302.1	32,000*	63.9	303.5	32,900*	130
135	59.5	296.1	27,700*	60.3	297.6	29,400*	61.4	299.4	31,000*	62.5	300.9	32,000*	135
140	58.1	293.0	26,500*	58.9	294.6	27,500*	60.1	296.5	29,100*	61.2	298.2	30,700*	140
145	56.7	289.8	24,900*	57.5	291.4	25,800*	58.7	293.5	27,200*	59.8	295.3	28,800*	145
150	55.3	286.4	23,300*	56.1	288.1	24,200*	57.3	290.3	25,500*	58.4	292.2	26,900*	150
155	53.8	282.7	21,900*	54.7	284.5	22,700*	55.9	287.0	23,900*	57.0	289.0	25,200*	155
160	52.4	278.9	20,600*	53.2	280.8	21,300*	54.4	283.4	22,400*	55.6	285.6	23,700*	160
165	50.8	274.9	19,300*	51.7	276.9	20,000*	52.9	279.7	21,100*	54.2	282.0	22,200*	165
170	49.3	270.6	18,200*	50.2	272.8	18,800*	51.4	275.7	19,800*	52.7	278.3	20,900*	170
175	47.7	266.1	17,100*	48.6	268.4	17,700*	49.9	271.5	18,600*	51.2	274.3	19,600*	175
180	46.1	261.3	16,000*	47.0	263.8	16,600*	48.3	267.1	17,500*	49.6	270.1	18,400*	180
185	44.4	256.3	15,100*	45.3	258.9	15,600*	46.7	262.5	16,400*	48.0	265.6	17,300*	185
190	42.7	250.9	14,200*	43.6	253.7	14,700*	45.1	257.5	15,400*	46.4	260.9	16,300*	190
195	40.9	245.2	13,300*	41.9	248.2	13,800*	43.3	252.3	14,500*	44.8	255.9	15,300*	195
200	39.0	239.2	12,500*	40.1	242.4	12,900*	41.6	246.7	13,600*	43.0	250.6	14,300*	200
205	37.1	232.6	11,700*	38.2	236.1	12,100*	39.7	240.8	12,800*	41.3	245.0	13,500*	205
210	35.1	225.6	11,000*	36.2	229.4	11,400*	37.8	234.5	12,000*	39.4	239.0	12,600*	210
215	32.9	218.1	10,300*	34.1	222.1	10,700*	35.9	227.7	11,200*	37.5	232.6	11,800*	215
220	30.6	209.8	9,600*	31.9	214.3	10,000*	33.8	220.4	10,500*	35.5	225.7	11,100*	220
225	28.2	200.8	9,000*	29.6	205.7	9,300*	31.5	212.4	9,800*	33.4	218.3	10,400*	225
230	25.5	190.7	8,400*	27.0	196.2	8,700*	29.2	203.7	9,200*	31.1	210.2	9,700*	230
235	22.6	179.2	7,800*	24.3	185.6	8,100*	26.6	194.0	8,600*	28.7	201.3	9,100*	235
240	19.2	165.8	7,200*	21.1	173.3	7,500*	23.8	183.1	8,000*	26.1	191.5	8,400*	240
245	15.1	149.0	6,100*	17.5	158.6	7,000*	20.6	170.5	7,400*	23.2	180.3	7,900*	245
250	9.2	124.7	4,000*	12.8	139.5	5,800*	16.8	155.3	6,900*	20.0	167.4	7,300*	250
255							11.8	134.9	6,200*	16.0	151.5	6,800*	255
260										10.7	129.6	6,200*	260



Liftcrane Fixed Jib Capacities

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

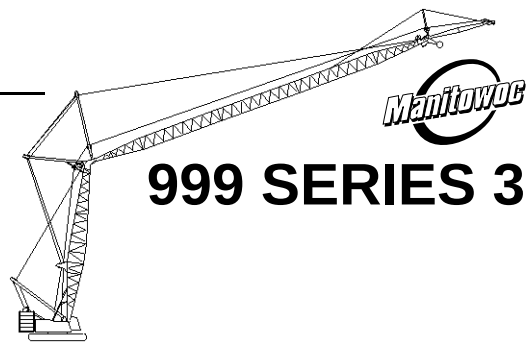
80 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

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	26,600*	150
155	48.1	243.6	22,800*	49.1	245.9	23,500*	50.6	249.1	24,600*	52.0	251.7	25,700*	155
160	46.2	238.8	22,000*	47.2	241.3	22,700*	48.8	244.6	23,800*	50.3	247.6	24,800*	160
165	44.3	233.6	21,000*	45.3	236.3	22,000*	46.9	240.0	23,000*	48.5	243.1	24,000*	165
170	42.3	228.1	19,900*	43.4	231.0	21,000*	45.0	234.9	22,000*	46.6	238.4	23,000*	170
175	40.2	222.2	18,800*	41.3	225.3	19,900*	43.0	229.6	20,800*	44.7	233.3	21,800*	175
180	38.0	215.8	17,900*	39.2	219.2	18,800*	41.0	223.8	19,700*	42.7	227.9	20,600*	180
185	35.7	208.9	17,000*	37.0	212.6	17,800*	38.8	217.6	18,600*	40.6	222.0	19,500*	185
190	33.2	201.3	16,100*	34.6	205.4	16,800*	36.6	210.9	17,600*	38.5	215.7	18,400*	190
195	30.6	192.9	15,400*	32.1	197.5	15,900*	34.2	203.6	16,700*	36.2	208.9	17,400*	195
200	27.7	183.6	14,700*	29.4	188.7	15,100*	31.6	195.6	15,800*	33.8	201.5	16,500*	200
205	24.6	172.9	13,900*	26.4	178.8	14,300*	28.9	186.6	14,900*	31.2	193.3	15,600*	205
210	20.9	160.4	13,100*	23.0	167.4	13,500*	25.8	176.5	14,100*	28.4	184.2	14,800*	210
215	16.5	144.7	11,900*	19.1	153.7	12,800*	22.4	164.8	13,400*	25.3	173.9	14,000*	215
220	10.2	121.7	9,300*	14.1	135.7	11,400*	18.3	150.5	12,600*	21.8	161.8	13,200*	220
225				4.8	101.9	8,000*	13.0	131.4	11,900*	17.5	146.9	12,500*	225
230										11.8	126.3	11,800*	230

Liftcrane Fixed Jib Capacities

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

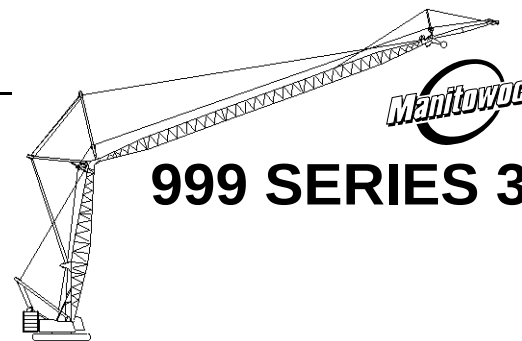
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	24,500*	155
160	48.6	252.6	21,100*	49.6	254.9	21,700*	51.0	257.9	22,700*	52.4	260.6	23,700*	160
165	46.9	247.9	20,400*	47.9	250.3	21,000*	49.3	253.6	22,000*	50.7	256.4	22,900*	165
170	45.1	242.9	19,800*	46.1	245.5	20,400*	47.6	249.0	21,300*	49.0	252.1	22,100*	170
175	43.2	237.6	18,700*	44.2	240.3	19,300*	45.8	244.1	20,200*	47.3	247.4	21,200*	175
180	41.2	231.8	17,700*	42.3	234.8	18,200*	43.9	238.9	19,100*	45.5	242.5	20,000*	180
185	39.2	225.7	16,700*	40.3	229.0	17,200*	42.0	233.4	18,100*	43.6	237.2	18,900*	185
190	37.1	219.1	15,800*	38.3	222.6	16,300*	40.0	227.4	17,100*	41.7	231.6	17,900*	190
195	34.8	212.0	14,900*	36.1	215.8	15,400*	37.9	221.0	16,100*	39.6	225.6	16,900*	195
200	32.4	204.2	14,100*	33.8	208.4	14,500*	35.7	214.1	15,200*	37.5	219.1	16,000*	200
205	29.9	195.5	13,300*	31.3	200.2	13,700*	33.4	206.5	14,400*	35.3	212.1	15,100*	205
210	27.1	185.9	12,600*	28.7	191.2	13,000*	30.9	198.3	13,600*	33.0	204.4	14,200*	210
215	24.0	175.0	11,900*	25.8	181.0	12,200*	28.2	189.1	12,800*	30.4	196.0	13,400*	215
220	20.4	162.1	11,200*	22.5	169.3	11,600*	25.2	178.7	12,100*	27.7	186.6	12,700*	220
225	16.1	146.0	10,000*	18.6	155.3	10,900*	21.9	166.6	11,400*	24.7	176.0	12,000*	225
230	9.9	122.5	7,600*	13.7	136.8	9,600*	17.9	152.0	10,800*	21.2	163.6	11,300*	230
235				4.7	102.2	6,400*	12.7	132.4	10,000*	17.1	148.4	10,600*	235
240										11.5	127.2	10,000*	240



Liftcrane Fixed Jib Capacities

**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

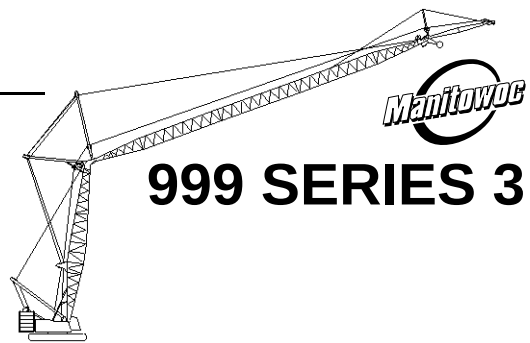
80 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

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	28,400*	140
145	55.5	277.5	24,400*	56.3	279.2	25,200*	57.6	281.5	26,400*	58.8	283.5	27,400*	145
150	54.0	273.9	23,600*	54.8	275.7	24,400*	56.1	278.1	25,500*	57.3	280.2	26,500*	150
155	52.4	270.0	22,800*	53.3	271.9	23,600*	54.6	274.6	24,600*	55.8	276.8	25,600*	155
160	50.8	265.9	21,900*	51.7	268.0	22,600*	53.0	270.8	23,800*	54.3	273.2	24,800*	160
165	49.2	261.5	20,600*	50.1	263.8	21,300*	51.4	266.8	22,400*	52.7	269.4	23,500*	165
170	47.5	256.9	19,500*	48.4	259.3	20,100*	49.8	262.5	21,100*	51.2	265.3	22,200*	170
175	45.8	252.1	18,400*	46.8	254.6	19,000*	48.2	258.0	19,900*	49.5	261.0	20,900*	175
180	44.0	246.9	17,300*	45.0	249.6	17,900*	46.5	253.3	18,800*	47.9	256.5	19,700*	180
185	42.2	241.4	16,400*	43.2	244.3	16,900*	44.7	248.2	17,700*	46.2	251.7	18,600*	185
190	40.3	235.5	15,400*	41.3	238.6	15,900*	42.9	242.8	16,700*	44.4	246.5	17,500*	190
195	38.3	229.1	14,600*	39.4	232.5	15,000*	41.0	237.1	15,800*	42.6	241.1	16,500*	195
200	36.2	222.3	13,800*	37.4	226.0	14,200*	39.1	230.9	14,900*	40.7	235.3	15,600*	200
205	34.0	215.0	13,000*	35.3	218.9	13,400*	37.0	224.3	14,000*	38.7	229.0	14,700*	205
210	31.7	206.9	12,200*	33.0	211.3	12,600*	34.9	217.2	13,200*	36.7	222.3	13,900*	210
215	29.2	198.1	11,500*	30.6	202.9	11,900*	32.6	209.4	12,500*	34.5	215.1	13,100*	215
220	26.5	188.2	10,900*	28.0	193.6	11,200*	30.2	200.9	11,800*	32.2	207.2	12,300*	220
225	23.4	177.0	10,200*	25.2	183.2	10,600*	27.5	191.5	11,100*	29.7	198.6	11,600*	225
230	20.0	163.8	9,600*	22.0	171.2	9,900*	24.7	180.8	10,400*	27.1	188.9	10,900*	230
235	15.7	147.3	8,500*	18.2	156.8	9,300*	21.4	168.5	9,800*	24.1	178.0	10,300*	235
240	9.7	123.3	6,200*	13.4	137.9	8,100*	17.5	153.5	9,200*	20.7	165.3	9,700*	240
245				4.6	102.5	5,100*	12.4	133.4	8,500*	16.7	149.7	9,100*	245
250										11.2	128.1	8,500*	250

Liftcrane Fixed Jib Capacities

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

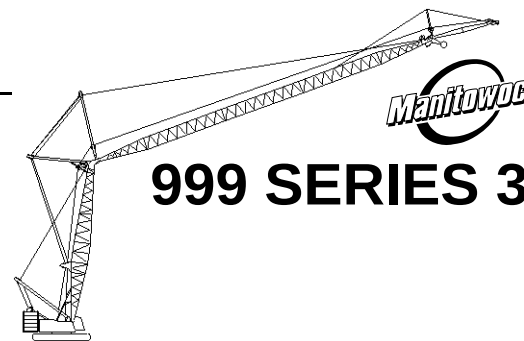
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	26,400*	145
150	55.7	286.2	22,800*	56.5	287.9	23,500*	57.7	290.2	24,500*	58.8	292.1	25,500*	150
155	54.2	282.6	22,000*	55.0	284.4	22,700*	56.2	286.8	23,700*	57.4	288.9	24,600*	155
160	52.7	278.8	21,300*	53.6	280.7	22,000*	54.8	283.3	22,900*	56.0	285.5	23,800*	160
165	51.2	274.7	20,100*	52.1	276.8	20,800*	53.3	279.5	21,900*	54.5	281.9	23,000*	165
170	49.7	270.5	18,900*	50.5	272.7	19,600*	51.8	275.6	20,600*	53.1	278.1	21,600*	170
175	48.1	266.0	17,800*	49.0	268.3	18,400*	50.3	271.4	19,400*	51.5	274.1	20,400*	175
180	46.4	261.2	16,800*	47.4	263.7	17,400*	48.7	267.0	18,200*	50.0	269.9	19,200*	180
185	44.8	256.1	15,800*	45.7	258.8	16,400*	47.1	262.3	17,200*	48.4	265.5	18,100*	185
190	43.0	250.8	14,900*	44.0	253.6	15,400*	45.4	257.4	16,200*	46.8	260.8	17,000*	190
195	41.2	245.1	14,000*	42.2	248.1	14,500*	43.7	252.2	15,200*	45.1	255.8	16,000*	195
200	39.4	239.0	13,200*	40.4	242.2	13,700*	41.9	246.6	14,400*	43.4	250.5	15,100*	200
205	37.4	232.5	12,400*	38.5	235.9	12,900*	40.1	240.7	13,500*	41.6	244.8	14,200*	205
210	35.4	225.5	11,700*	36.6	229.2	12,100*	38.2	234.3	12,700*	39.8	238.8	13,400*	210
215	33.3	217.9	11,000*	34.5	222.0	11,400*	36.2	227.5	12,000*	37.9	232.4	12,600*	215
220	31.0	209.6	10,300*	32.3	214.1	10,700*	34.1	220.2	11,200*	35.9	225.5	11,800*	220
225	28.5	200.6	9,700*	29.9	205.5	10,000*	31.9	212.2	10,500*	33.7	218.1	11,100*	225
230	25.9	190.5	9,100*	27.4	196.0	9,400*	29.5	203.5	9,900*	31.5	210.0	10,400*	230
235	22.9	179.0	8,500*	24.6	185.3	8,800*	26.9	193.8	9,300*	29.1	201.1	9,800*	235
240	19.5	165.4	7,900*	21.5	173.0	8,200*	24.1	182.9	8,700*	26.5	191.2	9,100*	240
245	15.4	148.6	6,800*	17.8	158.3	7,700*	20.9	170.2	8,100*	23.6	180.1	8,500*	245
250	9.4	124.0	4,700*	13.1	139.0	6,500*	17.1	154.9	7,500*	20.3	167.1	8,000*	250
255							12.1	134.4	6,900*	16.3	151.1	7,400*	255
260										11.0	129.0	6,900*	260



Liftcrane Fixed Jib Capacities

**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	24,100*	150
155	55.9	294.9	20,900*	56.6	296.6	21,500*	57.8	298.9	22,400*	58.9	300.8	23,300*	155
160	54.5	291.3	20,200*	55.2	293.1	20,800*	56.4	295.5	21,700*	57.5	297.6	22,500*	160
165	53.0	287.6	19,600*	53.8	289.5	20,200*	55.0	292.0	21,000*	56.2	294.2	21,800*	165
170	51.6	283.6	18,400*	52.4	285.6	19,100*	53.6	288.3	20,100*	54.8	290.6	21,200*	170
175	50.1	279.4	17,300*	50.9	281.5	17,900*	52.2	284.4	18,900*	53.3	286.9	19,900*	175
180	48.6	274.9	16,300*	49.4	277.2	16,900*	50.7	280.3	17,800*	51.9	283.0	18,700*	180
185	47.0	270.3	15,300*	47.9	272.7	15,900*	49.2	276.0	16,700*	50.4	278.8	17,600*	185
190	45.4	265.3	14,400*	46.3	267.9	14,900*	47.6	271.4	15,700*	48.9	274.4	16,500*	190
195	43.8	260.1	13,500*	44.7	262.8	14,000*	46.1	266.5	14,800*	47.4	269.8	15,500*	195
200	42.1	254.6	12,700*	43.1	257.5	13,200*	44.5	261.4	13,900*	45.8	264.9	14,600*	200
205	40.4	248.7	11,900*	41.3	251.8	12,400*	42.8	256.0	13,000*	44.2	259.8	13,700*	205
210	38.5	242.4	11,200*	39.6	245.8	11,600*	41.1	250.3	12,200*	42.5	254.3	12,900*	210
215	36.7	235.7	10,500*	37.7	239.3	10,900*	39.3	244.2	11,500*	40.7	248.5	12,100*	215
220	34.7	228.5	9,800*	35.8	232.4	10,200*	37.4	237.7	10,800*	38.9	242.3	11,300*	220
225	32.6	220.8	9,200*	33.8	224.9	9,500*	35.4	230.7	10,100*	37.1	235.7	10,600*	225
230	30.3	212.3	8,600*	31.6	216.9	8,900*	33.4	223.1	9,400*	35.1	228.6	9,900*	230
235	27.9	203.0	8,000*	29.3	208.1	8,300*	31.2	214.9	8,800*	33.0	221.0	9,300*	235
240	25.3	192.6	7,400*	26.8	198.3	7,700*	28.9	206.0	8,200*	30.8	212.7	8,700*	240
245	22.4	180.9	6,900*	24.1	187.4	7,200*	26.4	196.1	7,600*	28.5	203.6	8,100*	245
250	19.1	167.1	6,400*	21.0	174.8	6,700*	23.6	184.9	7,100*	25.9	193.5	7,500*	250
255	15.0	149.8	5,300*	17.4	159.8	6,200*	20.5	172.0	6,500*	23.1	182.1	7,000*	255
260				12.8	140.1	5,000*	16.7	156.3	6,000*	19.9	168.7	6,400*	260
265							11.8	135.4	5,400*	16.0	152.4	5,900*	265
270										10.8	129.9	5,400*	270

Liftcrane Fixed Jib Capacities

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

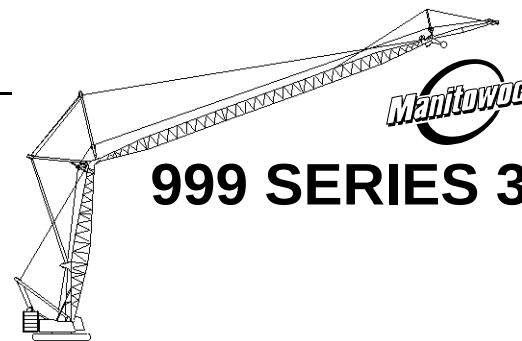
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	20,200*	175
180	41.8	232.9	17,500*	42.9	235.8	18,000*	44.5	239.9	18,800*	46.0	243.4	19,600*	180
185	39.8	226.8	16,900*	41.0	230.0	17,500*	42.6	234.4	18,200*	44.2	238.2	19,000*	185
190	37.7	220.3	16,100*	38.9	223.8	16,900*	40.6	228.5	17,700*	42.3	232.6	18,400*	190
195	35.5	213.3	15,300*	36.7	217.0	16,400*	38.5	222.2	17,100*	40.3	226.7	17,800*	195
200	33.1	205.6	14,600*	34.5	209.7	15,600*	36.4	215.3	16,300*	38.2	220.3	17,100*	200
205	30.6	197.1	13,900*	32.0	201.7	14,800*	34.1	207.9	15,400*	36.0	213.3	16,100*	205
210	27.8	187.7	13,300*	29.4	192.9	14,000*	31.6	199.8	14,600*	33.6	205.8	15,300*	210
215	24.8	177.0	12,700*	26.5	182.9	13,200*	28.9	190.8	13,800*	31.1	197.5	14,500*	215
220	21.4	164.6	12,100*	23.3	171.6	12,500*	26.0	180.6	13,100*	28.5	188.3	13,700*	220
225	17.2	149.2	11,200*	19.6	158.0	11,800*	22.8	168.9	12,400*	25.5	178.0	12,900*	225
230	11.5	127.8	8,900*	15.0	140.6	10,800*	18.9	154.9	11,700*	22.1	165.9	12,200*	230
235				7.6	112.4	8,000*	14.0	136.5	11,000*	18.2	151.4	11,600*	235
240							5.1	102.4	8,000*	13.0	131.8	10,900*	240



Liftcrane Fixed Jib Capacities

**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

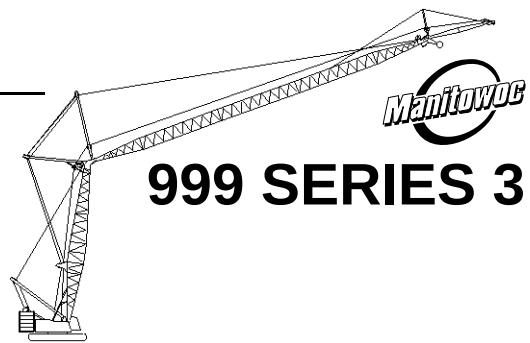
80 Ft. Boom, 180 Ft. Luffing Jib, 50 Ft. Fixed Jib

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	18,700*	180
185	42.8	242.4	16,300*	43.8	245.2	16,700*	45.3	249.1	17,500*	46.7	252.5	18,100*	185
190	40.9	236.5	15,800*	41.9	239.6	16,200*	43.5	243.8	16,900*	45.0	247.5	17,600*	190
195	38.9	230.3	15,300*	40.0	233.6	15,700*	41.6	238.1	16,400*	43.1	242.1	17,000*	195
200	36.8	223.6	14,600*	38.0	227.1	15,000*	39.7	232.0	15,800*	41.3	236.3	16,500*	200
205	34.7	216.3	13,800*	35.9	220.2	14,200*	37.6	225.5	14,900*	39.3	230.2	15,600*	205
210	32.4	208.4	13,000*	33.7	212.7	13,400*	35.5	218.5	14,100*	37.3	223.6	14,700*	210
215	29.9	199.7	12,300*	31.3	204.4	12,700*	33.3	210.8	13,300*	35.1	216.4	13,900*	215
220	27.2	190.1	11,600*	28.7	195.4	12,000*	30.9	202.5	12,500*	32.9	208.7	13,100*	220
225	24.2	179.1	10,900*	25.9	185.2	11,300*	28.3	193.2	11,800*	30.4	200.2	12,400*	225
230	20.9	166.3	10,300*	22.8	173.5	10,600*	25.4	182.8	11,200*	27.8	190.7	11,700*	230
235	16.8	150.6	9,400*	19.2	159.6	10,000*	22.2	170.8	10,500*	24.9	180.1	11,000*	235
240	11.2	128.6	7,200*	14.6	141.8	9,000*	18.5	156.4	9,900*	21.6	167.8	10,400*	240
245				7.4	112.9	6,400*	13.7	137.6	9,300*	17.7	152.8	9,800*	245
250							5.0	102.7	6,500*	12.6	132.8	9,200*	250

Liftcrane Fixed Jib Capacities

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

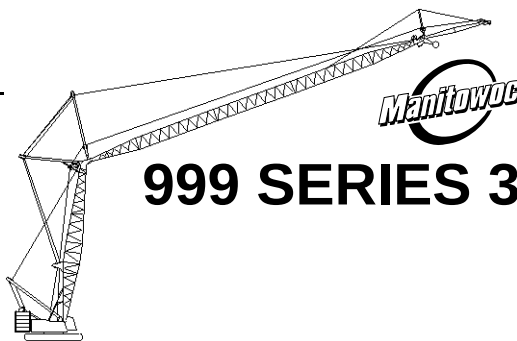
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	21,700*	165
170	50.2	271.2	18,800*	51.0	273.4	19,300*	52.3	276.3	20,200*	53.6	278.8	21,000*	170
175	48.6	266.8	18,200*	49.5	269.1	18,700*	50.8	272.2	19,500*	52.0	274.9	20,300*	175
180	47.0	262.1	17,600*	47.9	264.5	18,200*	49.2	267.8	18,900*	50.5	270.7	19,700*	180
185	45.3	257.1	16,900*	46.2	259.6	17,500*	47.6	263.2	18,300*	48.9	266.3	19,100*	185
190	43.6	251.7	16,000*	44.5	254.5	16,500*	46.0	258.3	17,300*	47.3	261.6	18,100*	190
195	41.8	246.1	15,100*	42.8	249.1	15,600*	44.3	253.1	16,300*	45.7	256.7	17,100*	195
200	40.0	240.1	14,200*	41.0	243.3	14,700*	42.5	247.6	15,400*	44.0	251.4	16,200*	200
205	38.0	233.7	13,400*	39.1	237.1	13,900*	40.7	241.7	14,500*	42.2	245.9	15,200*	205
210	36.0	226.7	12,700*	37.1	230.4	13,100*	38.8	235.5	13,700*	40.4	239.9	14,400*	210
215	33.9	219.3	11,900*	35.1	223.3	12,300*	36.8	228.7	12,900*	38.4	233.6	13,600*	215
220	31.6	211.2	11,200*	32.9	215.5	11,600*	34.7	221.5	12,200*	36.5	226.8	12,800*	220
225	29.2	202.2	10,600*	30.6	207.1	10,900*	32.5	213.7	11,500*	34.4	219.4	12,100*	225
230	26.6	192.3	10,000*	28.1	197.8	10,300*	30.2	205.1	10,800*	32.1	211.5	11,400*	230
235	23.7	181.1	9,400*	25.4	187.3	9,700*	27.7	195.6	10,200*	29.8	202.7	10,700*	235
240	20.4	168.0	8,800*	22.3	175.4	9,100*	24.9	184.9	9,600*	27.2	193.1	10,000*	240
245	16.4	151.9	7,900*	18.7	161.2	8,500*	21.7	172.6	9,000*	24.3	182.2	9,400*	245
250	11.0	129.5	5,900*	14.3	143.0	7,600*	18.1	157.9	8,400*	21.1	169.5	8,800*	250
255				7.2	113.4	5,200*	13.4	138.7	7,900*	17.3	154.2	8,300*	255
260							4.9	103.0	5,200*	12.4	133.8	7,700*	260



Liftcrane Fixed Jib Capacities

**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

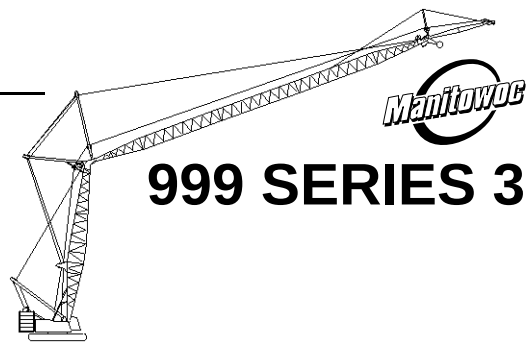
80 Ft. Boom, 200 Ft. Luffing Jib, 50 Ft. Fixed Jib

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	20,900*	165
170	52.1	284.3	18,100*	52.9	286.3	18,700*	54.1	289.0	19,500*	55.2	291.3	20,200*	170
175	50.6	280.1	17,600*	51.4	282.2	18,100*	52.6	285.1	18,900*	53.8	287.6	19,600*	175
180	49.1	275.7	17,000*	49.9	278.0	17,500*	51.2	281.0	18,300*	52.4	283.7	19,000*	180
185	47.5	271.1	16,400*	48.4	273.5	16,900*	49.7	276.7	17,700*	50.9	279.6	18,400*	185
190	46.0	266.2	15,400*	46.8	268.8	15,900*	48.1	272.2	16,800*	49.4	275.2	17,600*	190
195	44.3	261.1	14,500*	45.2	263.7	15,000*	46.6	267.4	15,800*	47.9	270.6	16,600*	195
200	42.6	255.6	13,700*	43.6	258.4	14,100*	45.0	262.4	14,900*	46.3	265.8	15,600*	200
205	40.9	249.8	12,900*	41.9	252.8	13,300*	43.3	257.0	14,000*	44.7	260.7	14,700*	205
210	39.1	243.6	12,100*	40.1	246.8	12,500*	41.6	251.3	13,200*	43.0	255.3	13,800*	210
215	37.2	236.9	11,400*	38.3	240.5	11,800*	39.8	245.3	12,400*	41.3	249.6	13,000*	215
220	35.2	229.8	10,700*	36.4	233.6	11,100*	38.0	238.8	11,700*	39.5	243.4	12,300*	220
225	33.2	222.2	10,000*	34.3	226.3	10,400*	36.0	231.9	10,900*	37.6	236.9	11,500*	225
230	31.0	213.9	9,400*	32.2	218.4	9,800*	34.0	224.5	10,300*	35.7	229.9	10,800*	230
235	28.6	204.7	8,800*	29.9	209.7	9,100*	31.8	216.4	9,600*	33.6	222.4	10,100*	235
240	26.0	194.6	8,200*	27.5	200.1	8,500*	29.5	207.6	9,000*	31.5	214.2	9,500*	240
245	23.2	183.1	7,700*	24.8	189.4	8,000*	27.1	197.9	8,400*	29.1	205.3	8,900*	245
250	20.0	169.7	7,200*	21.8	177.2	7,400*	24.3	187.0	7,900*	26.6	195.4	8,300*	250
255	16.1	153.3	6,300*	18.3	162.7	6,900*	21.3	174.4	7,300*	23.8	184.2	7,800*	255
260		130.3	4,400*	14.0	144.1	6,000*	17.7	159.4	6,800*	20.7	171.3	7,200*	260
265							13.1	139.8	6,300*	17.0	155.6	6,700*	265
270										12.1	134.7	6,200*	270

Liftcrane Fixed Jib Capacities

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

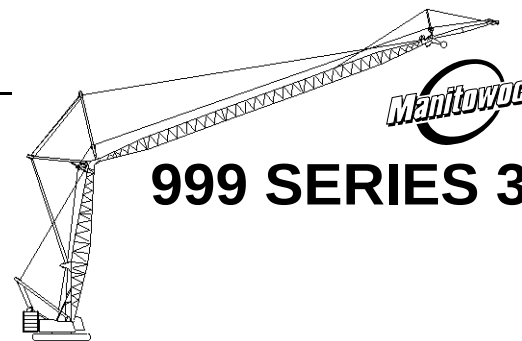
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	19,200*	170
175	52.4	293.1	16,700*	53.2	295.1	17,200*	54.3	297.7	17,900*	55.4	300.0	18,600*	175
180	51.0	289.0	16,200*	51.8	291.1	16,600*	52.9	293.9	17,300*	54.1	296.3	18,000*	180
185	49.5	284.7	15,700*	50.3	286.9	16,100*	51.5	289.9	16,800*	52.7	292.5	17,400*	185
190	48.1	280.1	14,900*	48.9	282.5	15,500*	50.1	285.6	16,300*	51.3	288.4	16,900*	190
195	46.6	275.4	14,000*	47.4	277.8	14,500*	48.6	281.2	15,300*	49.9	284.1	16,100*	195
200	45.0	270.3	13,200*	45.9	272.9	13,700*	47.2	276.5	14,400*	48.4	279.6	15,100*	200
205	43.4	265.0	12,400*	44.3	267.8	12,800*	45.6	271.6	13,500*	46.9	274.9	14,200*	205
210	41.8	259.3	11,600*	42.7	262.3	12,000*	44.0	266.3	12,700*	45.3	269.9	13,400*	210
215	40.1	253.3	10,900*	41.0	256.5	11,300*	42.4	260.8	11,900*	43.8	264.7	12,500*	215
220	38.3	247.0	10,200*	39.3	250.3	10,600*	40.7	255.0	11,200*	42.1	259.1	11,800*	220
225	36.5	240.2	9,600*	37.5	243.8	9,900*	39.0	248.8	10,500*	40.4	253.2	11,000*	225
230	34.5	232.9	8,900*	35.6	236.8	9,300*	37.2	242.1	9,800*	38.7	246.9	10,300*	230
235	32.5	225.0	8,300*	33.6	229.3	8,700*	35.3	235.0	9,100*	36.9	240.2	9,700*	235
240	30.3	216.5	7,800*	31.6	221.1	8,100*	33.3	227.4	8,500*	34.9	233.0	9,000*	240
245	28.0	207.1	7,200*	29.3	212.2	7,500*	31.2	219.1	8,000*	32.9	225.3	8,400*	245
250	25.5	196.8	6,700*	26.9	202.5	7,000*	28.9	210.1	7,400*	30.8	216.9	7,800*	250
255	22.7	185.0	6,200*	24.3	191.5	6,400*	26.5	200.2	6,900*	28.5	207.7	7,300*	255
260	19.5	171.3	5,700*	21.4	179.0	5,900*	23.8	189.0	6,300*	26.1	197.6	6,700*	260
265	15.7	154.6	4,800*	18.0	164.2	5,500*	20.8	176.2	5,800*	23.3	186.2	6,200*	265
270				13.7	145.2	4,600*	17.3	160.8	5,400*	20.3	173.0	5,700*	270
275							12.8	140.8	4,900*	16.6	157.0	5,300*	275
280										11.8	135.7	4,800*	280



Liftcrane Fixed Jib Capacities

999 SERIES 3

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

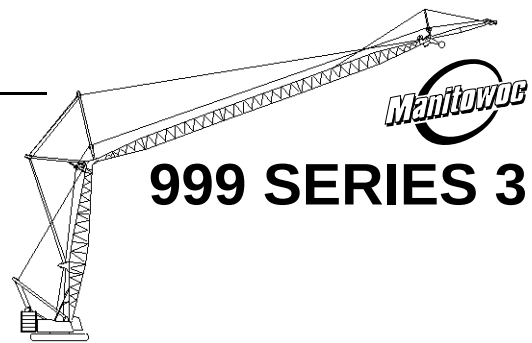
80 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

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	14,900*	205
210	32.4	208.5	12,900*	33.7	212.7	13,300*	35.6	218.5	13,900*	37.4	223.6	14,400*	210
215	30.0	199.8	12,400*	31.4	204.5	12,900*	33.3	210.9	13,500*	35.2	216.5	14,000*	215
220	27.3	190.1	11,900*	28.8	195.4	12,600*	30.9	202.5	13,100*	32.9	208.7	13,600*	220
225	24.3	179.2	11,400*	26.0	185.2	12,000*	28.4	193.3	12,500*	30.5	200.2	13,100*	225
230	20.9	166.4	10,900*	22.9	173.6	11,300*	25.5	182.9	11,800*	27.9	190.8	12,400*	230
235	16.9	150.7	10,000*	19.3	159.7	10,700*	22.3	170.9	11,200*	25.0	180.2	11,700*	235
240	11.4	128.8	7,900*	14.7	141.9	9,700*	18.6	156.5	10,600*	21.7	167.9	11,100*	240
245				7.5	113.2	7,100*	13.8	137.8	10,000*	17.8	152.9	10,500*	245
250							5.2	103.2	7,100*	12.8	132.9	9,900*	250

Liftcrane Fixed Jib Capacities

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	14,300*	205
210	36.1	226.8	12,400*	37.2	230.5	12,800*	38.9	235.5	13,300*	40.4	240.0	13,800*	210
215	34.0	219.3	12,100*	35.2	223.3	12,400*	36.9	228.8	12,900*	38.5	233.6	13,400*	215
220	31.7	211.2	11,700*	33.0	215.6	12,100*	34.8	221.6	12,600*	36.5	226.8	13,000*	220
225	29.3	202.3	11,100*	30.7	207.2	11,400*	32.6	213.7	12,000*	34.4	219.5	12,500*	225
230	26.7	192.4	10,400*	28.2	197.8	10,800*	30.3	205.1	11,300*	32.2	211.5	11,800*	230
235	23.8	181.2	9,800*	25.4	187.4	10,200*	27.7	195.6	10,700*	29.8	202.8	11,200*	235
240	20.5	168.1	9,300*	22.4	175.5	9,600*	25.0	185.0	10,000*	27.3	193.1	10,500*	240
245	16.5	152.1	8,300*	18.8	161.3	9,000*	21.8	172.7	9,500*	24.4	182.2	9,900*	245
250	11.1	129.7	6,300*	14.4	143.1	8,000*	18.2	158.0	8,900*	21.2	169.6	9,300*	250
255				7.3	113.7	5,600*	13.5	138.8	8,300*	17.4	154.4	8,800*	255
260							5.0	103.5	5,600*	12.5	133.9	8,200*	260



Liftcrane Fixed Jib Capacities

999 SERIES 3

**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**

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	16,500*	190
195	44.4	261.1	14,300*	45.3	263.8	14,700*	46.7	267.5	15,400*	47.9	270.7	15,900*	195
200	42.7	255.6	13,900*	43.7	258.5	14,300*	45.0	262.4	14,900*	46.4	265.9	15,500*	200
205	41.0	249.8	13,500*	42.0	252.9	13,900*	43.4	257.0	14,500*	44.8	260.8	15,000*	205
210	39.2	243.6	12,800*	40.2	246.9	13,200*	41.7	251.4	13,800*	43.1	255.3	14,500*	210
215	37.3	237.0	12,000*	38.3	240.5	12,400*	39.9	245.3	13,100*	41.4	249.6	13,700*	215
220	35.3	229.9	11,400*	36.4	233.7	11,700*	38.0	238.9	12,300*	39.6	243.5	12,900*	220
225	33.2	222.2	10,700*	34.4	226.4	11,100*	36.1	232.0	11,600*	37.7	237.0	12,200*	225
230	31.0	213.9	10,100*	32.3	218.4	10,400*	34.1	224.5	10,900*	35.8	230.0	11,500*	230
235	28.7	204.8	9,500*	30.0	209.8	9,800*	31.9	216.5	10,300*	33.7	222.4	10,800*	235
240	26.1	194.6	8,900*	27.6	200.2	9,200*	29.6	207.7	9,700*	31.5	214.3	10,200*	240
245	23.3	183.2	8,400*	24.9	189.5	8,600*	27.1	198.0	9,100*	29.2	205.3	9,600*	245
250	20.0	169.8	7,800*	21.9	177.3	8,100*	24.4	187.1	8,500*	26.7	195.4	9,000*	250
255	16.1	153.4	6,900*	18.4	162.8	7,600*	21.4	174.5	8,000*	23.9	184.3	8,400*	255
260		130.5	5,000*	14.1	144.2	6,700*	17.8	159.5	7,500*	20.8	171.4	7,900*	260
265				7.2	114.2	4,400*	13.2	139.9	7,000*	17.1	155.8	7,400*	265
270							4.9	103.8	4,400*	12.2	134.9	6,900*	270

Liftcrane Fixed Jib Capacities

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

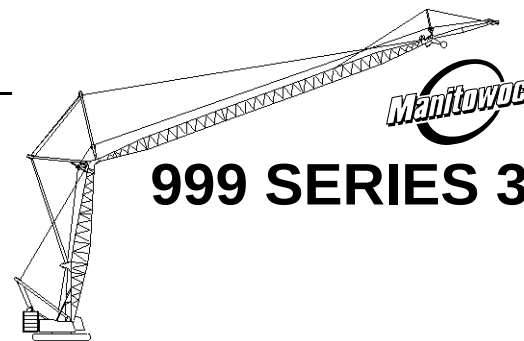
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	15,900*	190
195	46.6	275.4	13,900*	47.5	277.9	14,300*	48.7	281.2	14,900*	49.9	284.2	15,400*	195
200	45.1	270.3	13,400*	45.9	273.0	13,800*	47.2	276.5	14,400*	48.5	279.7	15,000*	200
205	43.5	265.0	13,000*	44.4	267.8	13,400*	45.7	271.6	14,000*	47.0	275.0	14,500*	205
210	41.8	259.4	12,200*	42.8	262.3	12,600*	44.1	266.4	13,300*	45.4	270.0	14,000*	210
215	40.1	253.4	11,500*	41.1	256.5	11,900*	42.5	260.9	12,500*	43.8	264.7	13,200*	215
220	38.4	247.0	10,800*	39.4	250.4	11,200*	40.8	255.0	11,800*	42.2	259.1	12,400*	220
225	36.5	240.2	10,200*	37.6	243.8	10,500*	39.1	248.8	11,100*	40.5	253.2	11,600*	225
230	34.6	232.9	9,500*	35.7	236.8	9,900*	37.3	242.2	10,400*	38.8	246.9	10,900*	230
235	32.6	225.1	8,900*	33.7	229.3	9,300*	35.4	235.1	9,800*	36.9	240.2	10,300*	235
240	30.4	216.6	8,400*	31.6	221.2	8,700*	33.4	227.5	9,100*	35.0	233.1	9,600*	240
245	28.1	207.2	7,800*	29.4	212.3	8,100*	31.3	219.2	8,600*	33.0	225.3	9,000*	245
250	25.6	196.8	7,300*	27.0	202.5	7,600*	29.0	210.2	8,000*	30.9	217.0	8,400*	250
255	22.8	185.1	6,800*	24.4	191.6	7,100*	26.6	200.3	7,500*	28.6	207.8	7,900*	255
260	19.6	171.4	6,300*	21.5	179.1	6,600*	23.9	189.1	6,900*	26.1	197.7	7,400*	260
265	15.8	154.7	5,400*	18.0	164.3	6,100*	20.9	176.3	6,400*	23.4	186.3	6,800*	265
270				13.8	145.3	5,200*	17.4	160.9	6,000*	20.4	173.1	6,300*	270
275							12.9	140.9	5,500*	16.7	157.1	5,900*	275
280										11.9	135.8	5,400*	280



Liftcrane Fixed Jib Capacities

**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	14,600*	195
200	47.2	284.5	12,700*	48.0	286.9	13,100*	49.2	290.2	13,600*	50.3	293.1	14,200*	200
205	45.7	279.5	12,400*	46.5	282.1	12,700*	47.7	285.6	13,200*	48.9	288.7	13,700*	205
210	44.2	274.3	11,700*	45.0	277.0	12,100*	46.3	280.7	12,800*	47.5	284.0	13,300*	210
215	42.6	268.9	11,000*	43.5	271.7	11,400*	44.8	275.6	12,000*	46.0	279.1	12,700*	215
220	41.0	263.0	10,300*	41.9	266.1	10,700*	43.2	270.3	11,300*	44.5	274.0	11,900*	220
225	39.3	256.9	9,700*	40.3	260.1	10,000*	41.6	264.6	10,600*	43.0	268.6	11,200*	225
230	37.6	250.4	9,000*	38.6	253.8	9,400*	40.0	258.6	9,900*	41.4	262.8	10,500*	230
235	35.8	243.4	8,400*	36.8	247.1	8,800*	38.3	252.2	9,300*	39.7	256.8	9,800*	235
240	33.9	235.9	7,900*	35.0	239.9	8,200*	36.5	245.4	8,700*	38.0	250.3	9,100*	240
245	31.9	227.9	7,300*	33.1	232.2	7,600*	34.7	238.1	8,100*	36.2	243.4	8,500*	245
250	29.8	219.1	6,800*	31.0	223.9	7,100*	32.7	230.3	7,500*	34.3	236.1	8,000*	250
255	27.5	209.6	6,300*	28.8	214.8	6,600*	30.7	221.9	7,000*	32.4	228.2	7,400*	255
260	25.1	199.0	5,800*	26.5	204.8	6,100*	28.5	212.7	6,500*	30.3	219.6	6,900*	260
265	22.4	187.0	5,300*	23.9	193.6	5,600*	26.1	202.5	6,000*	28.0	210.2	6,400*	265
270	19.2	173.0	4,900*	21.0	180.9	5,100*	23.5	191.1	5,500*	25.6	199.9	5,900*	270
275	15.5	155.9	4,000*	17.7	165.7	4,700*	20.5	178.0	5,000*	23.0	188.2	5,400*	275
280							17.1	162.3	4,600*	19.9	174.7	4,900*	280
285							12.6	141.9	4,200*	16.4	158.5	4,500*	285
290										11.7	136.7	4,100*	290

Liftcrane Fixed Jib Capacities

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

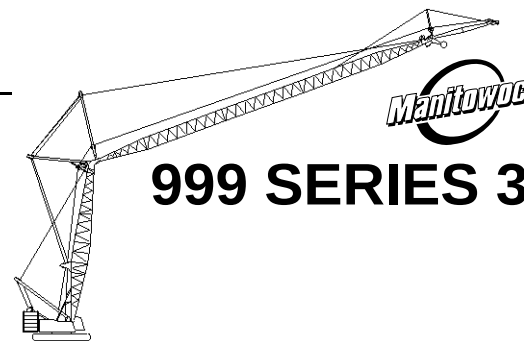
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	11,700*	230
235	23.7	181.4	10,200*	25.4	187.6	10,500*	27.7	195.8	10,900*	29.8	203.0	11,300*	235
240	20.4	168.3	9,800*	22.3	175.6	10,200*	24.9	185.2	10,600*	27.2	193.3	11,000*	240
245	16.5	152.3	9,100*	18.8	161.5	9,800*	21.8	172.9	10,300*	24.4	182.4	10,700*	245
250	11.1	130.1	7,100*	14.3	143.4	8,800*	18.1	158.3	9,700*	21.2	169.8	10,200*	250
255				7.4	114.3	6,400*	13.4	139.2	9,200*	17.4	154.6	9,600*	255
260							5.2	104.5	6,500*	12.4	134.3	9,100*	260



Liftcrane Fixed Jib Capacities

**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

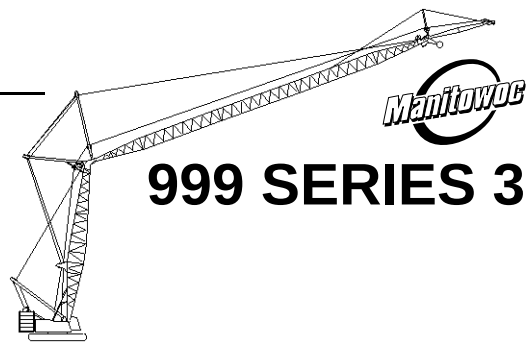
80 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

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	11,200*	230
235	28.6	204.9	9,800*	29.9	209.9	10,000*	31.8	216.6	10,500*	33.6	222.6	10,900*	235
240	26.0	194.8	9,500*	27.5	200.4	9,800*	29.5	207.8	10,200*	31.4	214.4	10,500*	240
245	23.2	183.4	9,000*	24.8	189.7	9,300*	27.1	198.1	9,700*	29.1	205.5	10,200*	245
250	20.0	170.0	8,500*	21.8	177.5	8,800*	24.3	187.2	9,200*	26.6	195.6	9,600*	250
255	16.1	153.6	7,500*	18.4	163.0	8,200*	21.3	174.7	8,600*	23.8	184.5	9,100*	255
260		130.9	5,600*	14.0	144.5	7,200*	17.7	159.7	8,100*	20.7	171.6	8,500*	260
265				7.2	114.9	5,000*	13.1	140.2	7,600*	17.0	156.0	8,000*	265
270							5.0	104.8	5,100*	12.2	135.2	7,500*	270

Liftcrane Fixed Jib Capacities

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

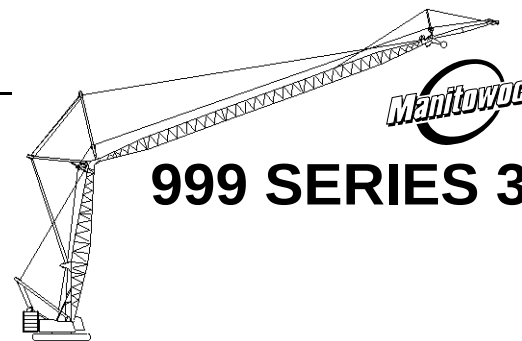
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	13,300*	210
215	40.0	253.5	11,600*	41.0	256.7	11,900*	42.4	261.0	12,400*	43.7	264.8	12,900*	215
220	38.3	247.1	11,300*	39.3	250.5	11,600*	40.7	255.1	12,100*	42.1	259.2	12,500*	220
225	36.4	240.3	10,900*	37.5	244.0	11,300*	39.0	248.9	11,700*	40.4	253.3	12,200*	225
230	34.5	233.1	10,300*	35.6	237.0	10,700*	37.2	242.3	11,200*	38.7	247.1	11,700*	230
235	32.5	225.2	9,700*	33.6	229.4	10,100*	35.3	235.2	10,600*	36.8	240.4	11,100*	235
240	30.3	216.7	9,200*	31.6	221.3	9,500*	33.3	227.6	10,000*	34.9	233.2	10,400*	240
245	28.0	207.4	8,600*	29.3	212.4	8,900*	31.2	219.4	9,400*	32.9	225.5	9,800*	245
250	25.5	197.0	8,100*	26.9	202.7	8,400*	28.9	210.4	8,800*	30.8	217.1	9,300*	250
255	22.7	185.3	7,600*	24.3	191.8	7,900*	26.5	200.4	8,300*	28.5	208.0	8,700*	255
260	19.6	171.7	7,100*	21.4	179.3	7,400*	23.9	189.3	7,800*	26.1	197.8	8,200*	260
265	15.8	155.0	6,200*	18.0	164.5	6,900*	20.9	176.5	7,300*	23.4	186.4	7,700*	265
270	10.6	131.8	4,400*	13.7	145.7	5,900*	17.3	161.2	6,800*	20.3	173.3	7,200*	270
275							12.9	141.3	6,300*	16.7	157.4	6,700*	275
280										11.9	136.2	6,200*	280



Liftcrane Fixed Jib Capacities

**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	12,900*	210
215	42.5	269.0	11,200*	43.4	271.8	11,600*	44.7	275.8	12,000*	45.9	279.2	12,500*	215
220	40.9	263.2	10,900*	41.8	266.2	11,200*	43.1	270.4	11,700*	44.4	274.1	12,100*	220
225	39.3	257.0	10,400*	40.2	260.3	10,800*	41.6	264.7	11,300*	42.9	268.7	11,800*	225
230	37.5	250.5	9,800*	38.5	253.9	10,100*	39.9	258.7	10,700*	41.3	262.9	11,200*	230
235	35.7	243.5	9,200*	36.7	247.2	9,500*	38.2	252.3	10,000*	39.6	256.9	10,500*	235
240	33.8	236.0	8,600*	34.9	240.0	8,900*	36.4	245.5	9,400*	37.9	250.4	9,900*	240
245	31.9	228.0	8,100*	33.0	232.3	8,400*	34.6	238.3	8,800*	36.1	243.6	9,300*	245
250	29.7	219.3	7,600*	30.9	224.0	7,800*	32.6	230.5	8,300*	34.3	236.2	8,700*	250
255	27.5	209.7	7,100*	28.8	214.9	7,300*	30.6	222.0	7,700*	32.3	228.3	8,200*	255
260	25.0	199.1	6,600*	26.4	205.0	6,800*	28.4	212.8	7,200*	30.2	219.7	7,600*	260
265	22.3	187.2	6,100*	23.8	193.8	6,400*	26.0	202.7	6,700*	28.0	210.4	7,100*	265
270	19.2	173.3	5,700*	21.0	181.1	5,900*	23.4	191.3	6,300*	25.6	200.0	6,600*	270
275	15.5	156.2	4,700*	17.6	166.0	5,500*	20.4	178.2	5,800*	22.9	188.4	6,200*	275
280				13.5	146.8	4,500*	17.0	162.6	5,400*	19.9	175.0	5,700*	280
285							12.6	142.3	4,900*	16.3	158.8	5,300*	285
290										11.7	137.1	4,800*	290

Liftcrane Fixed Jib Capacities

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

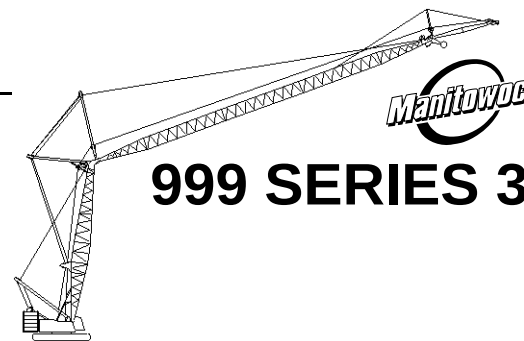
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	12,200*	210
215	44.7	283.7	10,700*	45.5	286.3	11,000*	46.7	290.0	11,400*	47.9	293.1	11,800*	215
220	43.3	278.4	10,300*	44.1	281.1	10,600*	45.3	285.0	11,100*	46.5	288.4	11,500*	220
225	41.7	272.7	9,900*	42.6	275.7	10,300*	43.8	279.7	10,700*	45.0	283.3	11,100*	225
230	40.1	266.8	9,300*	41.0	269.9	9,600*	42.3	274.2	10,200*	43.6	278.0	10,700*	230
235	38.5	260.4	8,700*	39.4	263.8	9,000*	40.8	268.4	9,500*	42.1	272.5	10,000*	235
240	36.8	253.7	8,100*	37.8	257.3	8,400*	39.2	262.2	8,900*	40.5	266.6	9,400*	240
245	35.1	246.6	7,600*	36.1	250.4	7,900*	37.5	255.7	8,300*	38.9	260.3	8,800*	245
250	33.2	239.0	7,100*	34.2	243.1	7,300*	35.8	248.7	7,800*	37.2	253.7	8,200*	250
255	31.3	230.7	6,600*	32.4	235.2	6,800*	33.9	241.3	7,200*	35.4	246.7	7,700*	255
260	29.2	221.8	6,100*	30.4	226.7	6,300*	32.0	233.3	6,700*	33.6	239.2	7,100*	260
265	27.0	212.1	5,600*	28.2	217.4	5,900*	30.0	224.6	6,200*	31.7	231.1	6,600*	265
270	24.5	201.3	5,200*	25.9	207.2	5,400*	27.8	215.2	5,800*	29.6	222.3	6,100*	270
275	21.9	189.0	4,700*	23.4	195.8	5,000*	25.5	204.9	5,300*	27.4	212.7	5,700*	275
280	18.8	174.9	4,300*	20.6	182.8	4,500*	22.9	193.2	4,900*	25.1	202.2	5,200*	280
285				17.3	167.4	4,100*	20.1	179.9	4,500*	22.5	190.3	4,800*	285
290							16.7	164.0	4,000*	19.5	176.6	4,400*	290
295										16.0	160.1	4,000*	295



Liftcrane Fixed Jib Capacities

**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

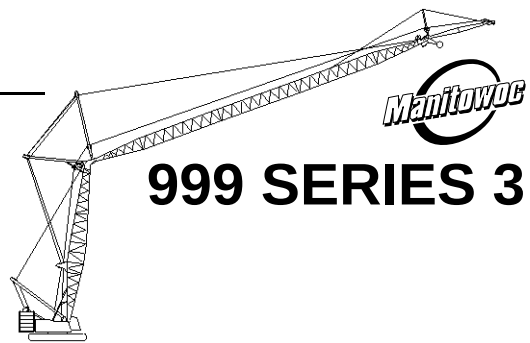
80 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

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	9,500*	250
255	15.9	153.9	8,000*	18.2	163.3	8,500*	21.1	175.0	8,800*	23.6	184.7	9,200*	255
260	10.7	131.4	6,100*	13.8	144.9	7,700*	17.5	160.0	8,600*	20.5	171.8	8,900*	260
265				7.1	115.6	5,500*	13.0	140.6	8,200*	16.8	156.3	8,600*	265
270							5.0	105.9	5,600*	12.0	135.6	8,100*	270

Liftcrane Fixed Jib Capacities

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

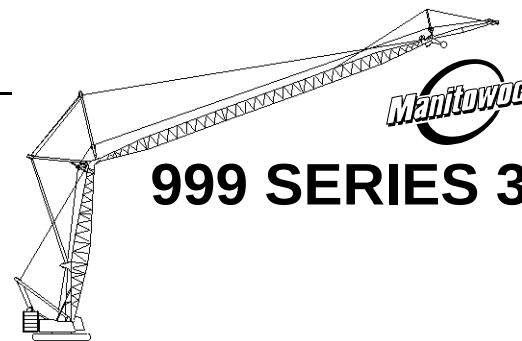
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	9,400*	245
250	25.3	197.2	8,100*	26.7	202.9	8,400*	28.7	210.5	8,700*	30.6	217.3	9,100*	250
255	22.5	185.5	7,900*	24.1	192.0	8,100*	26.3	200.6	8,500*	28.3	208.1	8,800*	255
260	19.4	171.9	7,600*	21.2	179.5	7,800*	23.6	189.5	8,200*	25.8	198.0	8,500*	260
265	15.6	155.3	6,500*	17.8	164.8	7,300*	20.6	176.7	7,700*	23.1	186.7	8,100*	265
270	10.4	132.2	4,800*	13.5	146.0	6,300*	17.1	161.5	7,200*	20.1	173.5	7,600*	270
275				6.9	116.1	4,200*	12.7	141.7	6,700*	16.5	157.7	7,100*	275
280							4.9	106.3	4,300*	11.7	136.6	6,700*	280



Liftcrane Fixed Jib Capacities

**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

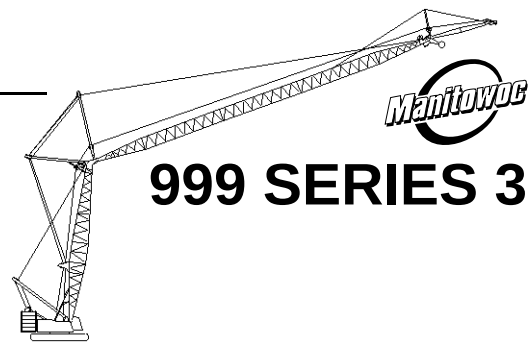
80 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

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	10,900*	230
235	35.5	243.6	9,200*	36.5	247.4	9,700*	38.0	252.5	10,200*	39.4	257.0	10,600*	235
240	33.6	236.2	9,100*	34.7	240.2	9,500*	36.2	245.7	9,800*	37.7	250.6	10,200*	240
245	31.6	228.2	8,700*	32.8	232.5	8,900*	34.4	238.4	9,400*	35.9	243.7	9,900*	245
250	29.5	219.4	8,100*	30.7	224.2	8,400*	32.4	230.6	8,800*	34.0	236.3	9,300*	250
255	27.3	209.9	7,600*	28.5	215.1	7,900*	30.4	222.2	8,300*	32.1	228.4	8,700*	255
260	24.8	199.3	7,200*	26.2	205.1	7,400*	28.2	213.0	7,800*	30.0	219.9	8,200*	260
265	22.1	187.4	6,700*	23.6	194.0	6,900*	25.8	202.8	7,300*	27.8	210.5	7,700*	265
270	19.0	173.5	6,300*	20.8	181.3	6,500*	23.2	191.5	6,800*	25.3	200.2	7,200*	270
275	15.3	156.5	5,200*	17.4	166.3	6,100*	20.2	178.5	6,400*	22.7	188.6	6,700*	275
280				13.3	147.1	5,000*	16.8	162.9	6,000*	19.7	175.2	6,300*	280
285							12.4	142.7	5,500*	16.1	159.1	5,900*	285
290										11.5	137.6	5,400*	290

Liftcrane Fixed Jib Capacities

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

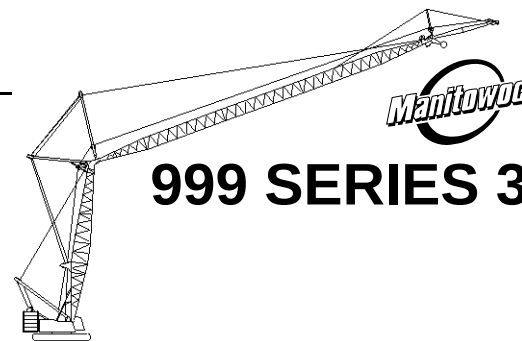
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	10,900*	225
230	39.9	266.9	9,200*	40.8	270.0	9,700*	42.1	274.3	10,100*	43.4	278.2	10,500*	230
235	38.3	260.6	9,200*	39.2	263.9	9,400*	40.5	268.5	9,800*	41.8	272.6	10,200*	235
240	36.6	253.9	8,600*	37.6	257.4	8,900*	38.9	262.3	9,400*	40.3	266.7	9,900*	240
245	34.8	246.7	8,100*	35.8	250.6	8,400*	37.3	255.8	8,800*	38.7	260.5	9,300*	245
250	33.0	239.1	7,600*	34.0	243.2	7,900*	35.5	248.8	8,300*	37.0	253.9	8,700*	250
255	31.0	230.9	7,100*	32.1	235.3	7,300*	33.7	241.4	7,800*	35.2	246.8	8,200*	255
260	29.0	222.0	6,600*	30.1	226.8	6,900*	31.8	233.4	7,300*	33.4	239.3	7,700*	260
265	26.8	212.2	6,100*	28.0	217.6	6,400*	29.8	224.8	6,800*	31.5	231.2	7,200*	265
270	24.3	201.5	5,700*	25.7	207.4	5,900*	27.6	215.4	6,300*	29.4	222.5	6,700*	270
275	21.7	189.3	5,300*	23.2	196.0	5,500*	25.3	205.0	5,800*	27.2	212.9	6,200*	275
280	18.6	175.1	4,900*	20.4	183.1	5,100*	22.7	193.5	5,400*	24.9	202.4	5,800*	280
285				17.1	167.7	4,700*	19.9	180.2	5,000*	22.3	190.5	5,300*	285
290							16.5	164.3	4,600*	19.3	176.9	4,900*	290
295							12.2	143.7	4,100*	15.8	160.4	4,500*	295
300										11.3	138.5	4,100*	300



Liftcrane Fixed Jib Capacities

**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

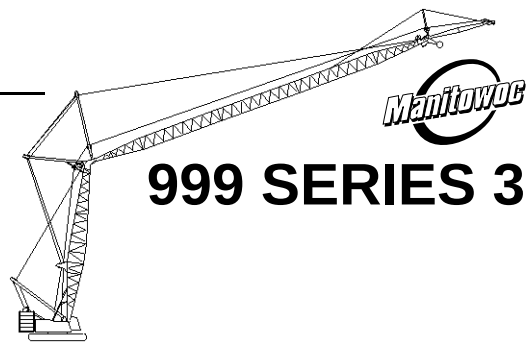
80 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

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	10,300*	225
230	42.2	282.3	8,900*	43.1	285.2	9,200*	44.3	289.1	9,600*	45.4	292.6	10,000*	230
235	40.7	276.5	8,600*	41.6	279.6	8,900*	42.8	283.7	9,300*	44.0	287.5	9,600*	235
240	39.2	270.4	8,100*	40.1	273.6	8,400*	41.3	278.1	8,900*	42.6	282.0	9,300*	240
245	37.6	263.9	7,600*	38.5	267.4	7,900*	39.8	272.1	8,300*	41.1	276.3	8,800*	245
250	35.9	257.1	7,100*	36.9	260.7	7,400*	38.2	265.8	7,800*	39.5	270.3	8,200*	250
255	34.2	249.8	6,600*	35.2	253.7	6,800*	36.6	259.1	7,300*	37.9	263.9	7,700*	255
260	32.4	242.0	6,100*	33.4	246.2	6,400*	34.9	251.9	6,700*	36.3	257.1	7,200*	260
265	30.5	233.6	5,600*	31.6	238.1	5,900*	33.1	244.3	6,300*	34.6	249.9	6,700*	265
270	28.5	224.5	5,200*	29.6	229.4	5,400*	31.2	236.2	5,800*	32.8	242.2	6,200*	270
275	26.3	214.5	4,800*	27.5	220.0	5,000*	29.3	227.4	5,300*	30.9	233.9	5,700*	275
280	23.9	203.5	4,400*	25.3	209.6	4,600*	27.1	217.8	4,900*	28.9	225.0	5,300*	280
285	21.3	191.1	4,000*	22.8	198.0	4,200*	24.9	207.2	4,500*	26.8	215.3	4,800*	285
290							22.3	195.4	4,100*	24.4	204.5	4,400*	290
295										21.9	192.4	4,000*	295

Liftcrane Fixed Jib Capacities

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

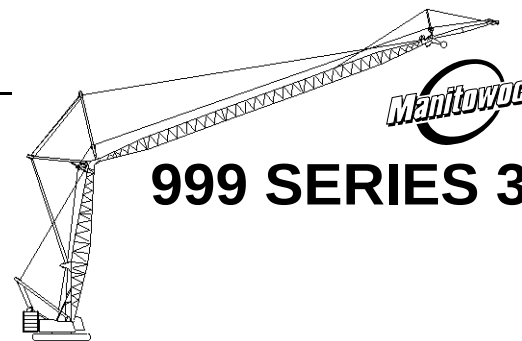
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	42,800*	66.8	311.4	44,900*	110
115	59.9	302.3	30,900*	61.3	304.4	36,800*	63.3	307.1	41,200*	65.2	309.1	43,400*	115
120	58.2	299.2	29,200*	59.6	301.5	35,000*	61.7	304.4	39,500*	63.6	306.6	41,800*	120
125	56.6	296.0	27,600*	58.0	298.4	33,100*	60.0	301.5	37,900*	62.0	304.0	39,900	125
130	54.8	292.5	26,100*	56.3	295.1	31,400*	58.4	298.5	36,400*	60.4	301.2	37,700	130
135	53.1	288.7	24,600*	54.5	291.6	29,700*	56.7	295.2	34,900*	58.8	298.2	35,800	135
140	51.3	284.8	23,200*	52.8	287.8	28,000*	55.0	291.7	33,600*	57.1	295.0	34,000	140
145	49.4	280.5	22,000*	51.0	283.8	26,500*	53.2	288.0	32,200*	55.4	291.6	32,300	145
150	47.5	276.0	20,800*	49.1	279.5	25,000*	51.4	284.1	31,000*	53.6	287.9	30,800	150
155	45.5	271.2	19,600*	47.2	274.9	23,600*	49.6	279.9	29,800*	51.8	284.0	29,300	155
160	43.5	266.0	18,600*	45.2	270.0	22,300*	47.7	275.4	28,700*	50.0	279.9	28,000	160
165	41.4	260.4	17,600*	43.2	264.8	21,000*	45.7	270.6	27,400*	48.1	275.4	26,700	165
170	39.2	254.3	16,700*	41.0	259.1	19,900*	43.7	265.4	25,900*	46.2	270.7	25,500	170
175	36.8	247.8	15,800*	38.8	253.0	18,800*	41.6	259.8	24,400*	44.2	265.6	24,400	175
180	34.4	240.7	15,100*	36.4	246.4	17,800*	39.4	253.9	23,100*	42.1	260.2	23,300	180
185	31.7	232.8	14,300*	34.0	239.1	16,900*	37.0	247.4	21,800*	39.9	254.3	22,300	185
190	28.9	224.0	13,700*	31.3	231.1	16,100*	34.6	240.3	20,600*	37.6	247.9	21,400	190
195	25.7	214.1	13,100*	28.4	222.2	15,300*	32.0	232.5	19,400*	35.2	241.0	20,500	195
200	22.2	202.5	12,600*	25.2	212.0	14,600*	29.1	223.8	18,400*	32.6	233.4	19,600	200
205	17.9	188.3	12,200*	21.5	200.1	14,000*	26.0	214.0	17,500*	29.8	224.9	18,800	205
210	12.3	169.0	12,000*	17.1	185.3	13,500*	22.5	202.5	16,600*	26.8	215.4	18,100	210
215				11.1	164.5	13,100*	18.3	188.6	15,800*	23.4	204.4	17,200*	215
220							12.8	169.9	15,200*	19.4	191.2	16,400*	220
225										14.3	174.1	15,500*	225
230										5.7	143.9	13,600*	230



Liftcrane Fixed Jib Capacities

999 SERIES 3

**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**

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	41,500*				110
115	61.5	313.8	30,100*	62.7	315.8	35,700*	64.6	318.3	39,700*	66.5	320.1	40,900*	115
120	59.9	311.0	28,600*	61.2	313.1	34,000*	63.1	315.7	38,000*	65.0	317.8	40,500*	120
125	58.3	307.9	27,100*	59.6	310.2	32,400*	61.6	313.1	36,400*	63.5	315.3	38,900*	125
130	56.7	304.6	25,700*	58.1	307.1	30,800*	60.0	310.2	34,900*	62.0	312.7	37,300	130
135	55.1	301.2	24,400*	56.4	303.8	29,200*	58.5	307.1	33,500*	60.4	309.8	35,300	135
140	53.4	297.5	23,100*	54.8	300.3	27,800*	56.9	303.9	32,100*	58.8	306.8	33,500	140
145	51.7	293.6	21,800*	53.1	296.6	26,300*	55.2	300.5	30,900*	57.2	303.7	31,800	145
150	49.9	289.4	20,700*	51.4	292.6	24,900*	53.5	296.8	29,700*	55.6	300.3	30,300	150
155	48.1	285.0	19,600*	49.7	288.4	23,600*	51.8	292.9	28,600*	54.0	296.7	28,800	155
160	46.3	280.3	18,600*	47.8	283.9	22,400*	50.1	288.8	27,600*	52.3	292.8	27,500	160
165	44.4	275.2	17,700*	46.0	279.2	21,200*	48.3	284.4	26,600*	50.5	288.7	26,200	165
170	42.4	269.8	16,800*	44.1	274.1	20,100*	46.5	279.7	25,400*	48.7	284.4	25,000	170
175	40.3	264.0	15,900*	42.1	268.6	19,000*	44.5	274.7	24,000*	46.9	279.8	23,900	175
180	38.2	257.8	15,100*	40.0	262.7	18,100*	42.6	269.3	22,700*	45.0	274.8	22,900	180
185	35.9	251.0	14,400*	37.8	256.4	17,100*	40.5	263.5	21,500*	43.0	269.6	21,900	185
190	33.5	243.6	13,800*	35.5	249.6	16,300*	38.4	257.3	20,400*	41.0	263.9	20,900	190
195	30.9	235.5	13,200*	33.1	242.1	15,500*	36.1	250.6	19,300*	38.9	257.8	20,000	195
200	28.2	226.5	12,600*	30.5	233.8	14,800*	33.7	243.3	18,300*	36.7	251.2	19,200	200
205	25.1	216.3	12,100*	27.7	224.6	14,100*	31.2	235.2	17,400*	34.3	244.0	18,400	205
210	21.6	204.4	11,700*	24.6	214.2	13,500*	28.4	226.3	16,500*	31.8	236.2	17,600*	210
215	17.5	189.8	11,300*	21.0	201.9	13,000*	25.4	216.2	15,600*	29.1	227.5	16,700*	215
220	12.0	170.0	11,200*	16.7	186.7	12,500*	21.9	204.4	14,800*	26.1	217.7	15,800*	220
225				10.8	165.4	11,900*	17.9	190.2	14,100*	22.8	206.4	15,000*	225
230							12.5	171.0	13,100*	18.9	192.9	14,200*	230
235										14.0	175.3	13,500*	235
240										5.5	144.3	11,700*	240

Liftcrane Fixed Jib Capacities

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

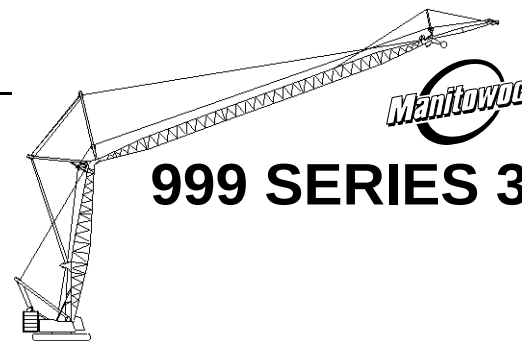
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	37,500*	66.2	328.8	37,200*	120
125	59.9	319.6	26,500*	61.1	321.7	31,500*	63.0	324.4	36,000*	64.8	326.5	37,200*	125
130	58.4	316.6	25,200*	59.7	318.8	30,000*	61.5	321.7	34,600*	63.3	324.0	36,600*	130
135	56.9	313.3	24,000*	58.1	315.7	28,700*	60.0	318.9	33,300*	61.9	321.3	35,000	135
140	55.3	309.9	22,800*	56.6	312.5	27,300*	58.5	315.8	32,000*	60.4	318.5	33,200	140
145	53.7	306.3	21,700*	55.0	309.0	26,000*	57.0	312.6	30,800*	58.9	315.5	31,600	145
150	52.1	302.4	20,600*	53.5	305.3	24,700*	55.4	309.2	29,600*	57.4	312.3	30,000	150
155	50.4	298.3	19,500*	51.8	301.4	23,500*	53.9	305.6	28,500*	55.8	309.0	28,600	155
160	48.7	294.0	18,600*	50.2	297.3	22,300*	52.2	301.7	27,400*	54.2	305.4	27,200	160
165	47.0	289.3	17,600*	48.4	292.9	21,200*	50.6	297.6	26,400*	52.6	301.6	25,900	165
170	45.2	284.4	16,800*	46.7	288.3	20,200*	48.9	293.3	25,100*	51.0	297.6	24,800	170
175	43.3	279.2	16,000*	44.9	283.3	19,200*	47.1	288.7	23,700*	49.3	293.3	23,600	175
180	41.4	273.6	15,200*	43.0	278.0	18,200*	45.3	283.8	22,400*	47.5	288.8	22,600	180
185	39.4	267.6	14,500*	41.1	272.4	17,300*	43.5	278.6	21,200*	45.8	284.0	21,600	185
190	37.3	261.2	13,800*	39.0	266.3	16,500*	41.5	273.1	20,100*	43.9	278.9	20,700	190
195	35.1	254.2	13,200*	36.9	259.7	15,700*	39.5	267.1	19,000*	42.0	273.4	19,800	195
200	32.7	246.6	12,600*	34.7	252.7	14,900*	37.5	260.7	18,000*	40.0	267.5	18,900	200
205	30.2	238.2	12,100*	32.3	245.0	14,300*	35.3	253.8	17,000*	38.0	261.2	18,100	205
210	27.5	228.9	11,600*	29.8	236.5	13,600*	32.9	246.2	16,100*	35.8	254.4	17,300*	210
215	24.5	218.4	11,200*	27.0	227.0	13,100*	30.4	237.9	15,300*	33.5	247.0	16,300*	215
220	21.1	206.2	10,900*	24.0	216.3	12,600*	27.7	228.7	14,500*	31.0	238.9	15,500*	220
225	17.1	191.3	10,600*	20.5	203.7	12,100*	24.8	218.3	13,700*	28.4	230.0	14,700*	225
230	11.7	170.9	10,300*	16.3	188.1	11,700*	21.4	206.3	13,000*	25.5	219.9	13,900*	230
235				10.5	166.2	10,300*	17.4	191.7	12,300*	22.3	208.3	13,100*	235
240							12.2	172.0	11,400*	18.5	194.4	12,400*	240
245										13.7	176.4	11,800*	245
250										5.4	144.8	10,100*	250



Liftcrane Fixed Jib Capacities

**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	34,600*	65.9	337.5	33,800*	125
130	59.9	328.3	24,600*	61.1	330.4	29,100*	62.8	333.1	33,500*	64.6	335.2	33,800*	130
135	58.5	325.2	23,400*	59.7	327.5	27,900*	61.4	330.4	32,300*	63.2	332.7	33,800*	135
140	57.0	322.0	22,300*	58.2	324.4	26,600*	60.0	327.5	31,000*	61.8	330.0	32,700	140
145	55.5	318.6	21,300*	56.8	321.2	25,400*	58.6	324.5	29,800*	60.4	327.2	31,100	145
150	54.0	315.0	20,300*	55.3	317.7	24,300*	57.1	321.3	28,700*	58.9	324.2	29,500	150
155	52.5	311.2	19,300*	53.7	314.1	23,200*	55.6	317.9	27,600*	57.5	321.0	28,100	155
160	50.9	307.2	18,400*	52.2	310.2	22,100*	54.1	314.3	26,600*	56.0	317.7	26,700	160
165	49.3	302.9	17,500*	50.6	306.2	21,100*	52.6	310.5	25,600*	54.5	314.1	25,500	165
170	47.6	298.4	16,700*	49.0	301.9	20,100*	51.0	306.5	24,500*	53.0	310.4	24,300	170
175	45.9	293.6	15,900*	47.3	297.3	19,100*	49.4	302.2	23,200*	51.4	306.4	23,200	175
180	44.1	288.5	15,200*	45.6	292.5	18,200*	47.7	297.7	21,900*	49.8	302.2	22,100	180
185	42.3	283.1	14,500*	43.8	287.3	17,400*	46.0	293.0	20,700*	48.1	297.8	21,100	185
190	40.4	277.3	13,800*	42.0	281.8	16,500*	44.3	287.9	19,500*	46.4	293.1	20,200	190
195	38.5	271.1	13,200*	40.1	276.0	15,800*	42.5	282.5	18,500*	44.7	288.1	19,300	195
200	36.4	264.4	12,600*	38.1	269.7	15,000*	40.6	276.8	17,500*	42.9	282.8	18,500	200
205	34.3	257.2	12,100*	36.1	263.0	14,400*	38.6	270.6	16,500*	41.0	277.1	17,700*	205
210	32.0	249.4	11,600*	33.9	255.7	13,700*	36.6	264.0	15,600*	39.1	271.1	16,700*	210
215	29.5	240.8	11,100*	31.6	247.8	13,200*	34.5	256.8	14,800*	37.1	264.6	15,800*	215
220	26.9	231.3	10,700*	29.1	239.0	12,600*	32.2	249.1	13,900*	35.0	257.6	14,900*	220
225	24.0	220.5	10,400*	26.4	229.3	12,100*	29.7	240.6	13,200*	32.7	250.0	14,100*	225
230	20.6	208.0	10,100*	23.4	218.3	11,600*	27.1	231.1	12,400*	30.3	241.6	13,300*	230
235	16.7	192.7	9,900*	20.0	205.4	11,000*	24.2	220.5	11,800*	27.8	232.4	12,600*	235
240	11.4	171.9	8,500*	15.9	189.5	10,300*	20.9	208.1	11,100*	24.9	222.1	11,900*	240
245				10.3	167.1	8,600*	17.0	193.1	10,500*	21.8	210.2	11,200*	245
250							11.9	173.0	9,600*	18.1	196.0	10,600*	250
255										13.3	177.6	10,000*	255
260										5.3	145.2	8,400*	260

Liftcrane Fixed Jib Capacities

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

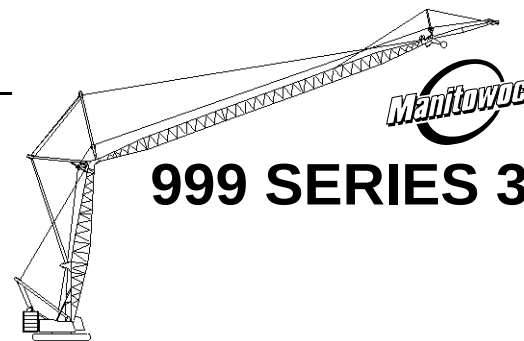
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	30,800*	125
130	61.3	339.8	23,800*	62.4	341.8	28,000*	64.1	344.3	31,400*	65.7	346.2	30,700*	130
135	59.9	336.9	22,800*	61.1	339.1	26,900*	62.7	341.7	31,200*	64.4	343.9	30,700*	135
140	58.5	333.9	21,800*	59.7	336.2	25,900*	61.4	339.0	30,100*	63.1	341.3	30,600*	140
145	57.1	330.7	20,900*	58.3	333.1	24,800*	60.0	336.2	29,000*	61.7	338.7	30,500*	145
150	55.7	327.3	19,900*	56.9	329.9	23,800*	58.7	333.1	27,900*	60.4	335.8	29,100	150
155	54.3	323.7	19,000*	55.5	326.4	22,700*	57.3	330.0	26,800*	59.0	332.8	27,700	155
160	52.8	320.0	18,200*	54.0	322.8	21,700*	55.8	326.6	25,800*	57.6	329.7	26,300	160
165	51.3	316.0	17,300*	52.5	319.0	20,800*	54.4	323.0	24,800*	56.2	326.4	25,100	165
170	49.7	311.8	16,600*	51.0	315.0	19,900*	52.9	319.3	23,900*	54.7	322.9	23,900	170
175	48.2	307.4	15,800*	49.5	310.8	19,000*	51.4	315.3	22,700*	53.3	319.1	22,800	175
180	46.5	302.7	15,100*	47.9	306.3	18,100*	49.9	311.1	21,400*	51.8	315.2	21,700	180
185	44.9	297.7	14,400*	46.3	301.6	17,300*	48.3	306.7	20,200*	50.2	311.1	20,800	185
190	43.2	292.4	13,800*	44.6	296.6	16,600*	46.7	302.1	19,000*	48.7	306.8	19,800	190
195	41.4	286.8	13,200*	42.9	291.2	15,800*	45.0	297.1	18,000*	47.1	302.2	18,900	195
200	39.5	280.9	12,600*	41.1	285.6	15,100*	43.3	291.9	17,000*	45.4	297.3	18,100	200
205	37.6	274.5	12,100*	39.2	279.5	14,400*	41.5	286.3	16,000*	43.7	292.1	17,200*	205
210	35.6	267.6	11,600*	37.3	273.1	13,800*	39.7	280.4	15,100*	42.0	286.6	16,200*	210
215	33.5	260.2	11,100*	35.3	266.2	13,200*	37.8	274.0	14,300*	40.1	280.8	15,300*	215
220	31.3	252.2	10,700*	33.2	258.7	12,500*	35.8	267.2	13,500*	38.3	274.5	14,500*	220
225	28.9	243.4	10,300*	30.9	250.5	11,800*	33.7	259.9	12,700*	36.3	267.8	13,600*	225
230	26.3	233.6	10,000*	28.5	241.6	11,100*	31.5	251.9	12,000*	34.2	260.6	12,900*	230
235	23.4	222.6	9,700*	25.9	231.6	10,500*	29.1	243.1	11,300*	32.0	252.8	12,100*	235
240	20.2	209.7	9,400*	22.9	220.3	9,800*	26.5	233.5	10,600*	29.7	244.3	11,400*	240
245	16.3	194.1	8,500*	19.6	207.1	9,200*	23.7	222.5	10,000*	27.2	234.8	10,700*	245
250	11.2	172.8	7,000*	15.6	190.8	8,600*	20.5	209.9	9,400*	24.4	224.2	10,100*	250
255				10.1	167.9	7,000*	16.7	194.6	8,800*	21.3	212.1	9,500*	255
260							11.7	174.0	8,000*	17.7	197.5	8,900*	260
265										13.1	178.7	8,300*	265
270										5.2	145.6	6,900*	270



Liftcrane Fixed Jib Capacities

999 SERIES 3

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

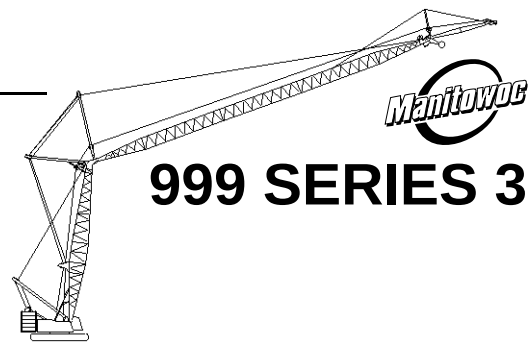
120 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

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	35,000*	120
125	58.8	307.8	26,500*	60.1	310.1	29,400*	62.0	312.9	31,500*	63.9	315.2	33,600*	125
130	57.1	304.5	25,100*	58.5	307.0	28,200*	60.5	310.1	30,300*	62.4	312.6	32,300*	130
135	55.5	301.1	23,700*	56.9	303.7	27,000*	58.9	307.0	29,100*	60.8	309.7	31,000*	135
140	53.8	297.4	22,400*	55.2	300.2	26,000*	57.3	303.8	27,900*	59.3	306.7	29,800*	140
145	52.1	293.5	21,200*	53.6	296.5	25,000*	55.6	300.3	26,900*	57.7	303.5	28,700*	145
150	50.4	289.3	20,100*	51.8	292.5	23,900*	54.0	296.7	25,900*	56.0	300.1	27,600*	150
155	48.6	284.9	19,000*	50.1	288.3	22,600*	52.3	292.8	24,900*	54.4	296.5	26,600*	155
160	46.7	280.1	18,000*	48.3	283.8	21,400*	50.5	288.6	24,000*	52.7	292.7	25,600*	160
165	44.8	275.1	17,000*	46.4	279.0	20,200*	48.7	284.2	23,200*	50.9	288.6	24,700*	165
170	42.8	269.7	16,100*	44.5	273.9	19,100*	46.9	279.5	22,400*	49.2	284.3	23,900*	170
175	40.8	263.9	15,300*	42.5	268.5	18,100*	45.0	274.5	21,700*	47.3	279.6	23,100*	175
180	38.6	257.6	14,500*	40.4	262.6	17,100*	43.0	269.1	21,000*	45.4	274.7	22,300*	180
185	36.3	250.9	13,800*	38.2	256.3	16,200*	40.9	263.4	20,300*	43.5	269.4	21,600*	185
190	33.9	243.5	13,100*	35.9	249.4	15,400*	38.8	257.2	19,700*	41.4	263.7	20,900*	190
195	31.4	235.3	12,500*	33.5	241.9	14,600*	36.5	250.4	18,900*	39.3	257.6	20,200*	195
200	28.6	226.3	11,900*	30.9	233.6	13,900*	34.1	243.1	17,900*	37.1	251.0	19,600*	200
205	25.5	216.0	11,400*	28.1	224.4	13,200*	31.6	235.0	16,900*	34.7	243.9	19,000	205
210	22.0	204.1	11,000*	25.0	213.9	12,600*	28.8	226.1	16,000*	32.2	236.0	18,200	210
215	17.8	189.5	10,600*	21.4	201.6	12,100*	25.8	215.9	15,200*	29.5	227.3	17,500*	215
220	12.3	169.5	10,400*	17.1	186.4	11,600*	22.3	204.2	14,500*	26.5	217.5	16,600*	220
225				11.1	164.8	11,300*	18.2	189.8	13,800*	23.2	206.1	15,800*	225
230							12.8	170.5	13,200*	19.3	192.5	15,000*	230
235										14.3	174.8	14,200*	235
240										5.7	143.2	12,400*	240

Liftcrane Fixed Jib Capacities

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

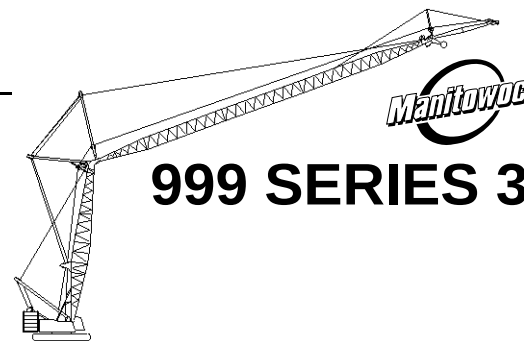
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	32,100*	125
130	58.8	316.4	24,600*	60.1	318.7	27,000*	61.9	321.6	28,900*	63.7	323.9	30,800*	130
135	57.3	313.2	23,400*	58.6	315.6	25,900*	60.4	318.7	27,800*	62.3	321.2	29,600*	135
140	55.7	309.8	22,200*	57.0	312.4	24,900*	58.9	315.7	26,700*	60.8	318.4	28,400*	140
145	54.1	306.1	21,100*	55.5	308.9	24,000*	57.4	312.5	25,700*	59.3	315.4	27,400*	145
150	52.5	302.3	20,000*	53.9	305.2	23,100*	55.9	309.1	24,700*	57.8	312.2	26,300*	150
155	50.8	298.2	18,900*	52.2	301.3	22,300*	54.3	305.4	23,900*	56.2	308.8	25,400*	155
160	49.1	293.8	18,000*	50.6	297.2	21,400*	52.6	301.6	23,000*	54.6	305.3	24,500*	160
165	47.4	289.2	17,000*	48.8	292.8	20,300*	51.0	297.5	22,200*	53.0	301.5	23,600*	165
170	45.6	284.3	16,200*	47.1	288.1	19,200*	49.3	293.2	21,500*	51.4	297.5	22,800*	170
175	43.7	279.1	15,400*	45.3	283.2	18,200*	47.5	288.6	20,800*	49.7	293.2	22,100*	175
180	41.8	273.5	14,600*	43.4	277.9	17,300*	45.7	283.7	20,100*	48.0	288.7	21,300*	180
185	39.8	267.4	13,900*	41.5	272.2	16,400*	43.9	278.5	19,500*	46.2	283.9	20,600*	185
190	37.7	261.0	13,200*	39.4	266.1	15,600*	41.9	272.9	18,800*	44.3	278.7	20,000*	190
195	35.5	254.0	12,600*	37.3	259.6	14,800*	39.9	267.0	18,300*	42.4	273.2	19,400*	195
200	33.1	246.4	12,000*	35.1	252.5	14,100*	37.8	260.5	17,700*	40.4	267.4	18,800*	200
205	30.6	238.0	11,500*	32.7	244.8	13,400*	35.6	253.6	17,200*	38.4	261.1	18,200*	205
210	27.9	228.7	11,000*	30.2	236.3	12,800*	33.3	246.0	16,500*	36.2	254.3	17,700*	210
215	24.9	218.2	10,600*	27.4	226.8	12,200*	30.8	237.7	15,700*	33.9	246.9	16,900*	215
220	21.5	205.9	10,200*	24.4	216.0	11,700*	28.1	228.5	14,900*	31.4	238.8	16,100*	220
225	17.4	190.9	9,900*	20.9	203.4	11,200*	25.1	218.1	14,200*	28.8	229.8	15,200*	225
230	12.0	170.4	9,700*	16.6	187.8	10,900*	21.8	206.0	13,500*	25.9	219.7	14,400*	230
235				10.8	165.7	10,600*	17.8	191.3	12,800*	22.6	208.1	13,700*	235
240							12.5	171.5	12,000*	18.8	194.1	13,000*	240
245										14.0	176.0	12,300*	245
250										5.5	143.5	10,600*	250



Liftcrane Fixed Jib Capacities

**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	33,000*	125
130	60.3	328.2	24,100*	61.5	330.3	28,000*	63.2	333.0	29,900*	65.0	335.1	31,800*	130
135	58.9	325.1	22,900*	60.1	327.4	26,900*	61.8	330.3	28,800*	63.6	332.5	30,600*	135
140	57.4	321.9	21,900*	58.6	324.3	25,800*	60.4	327.4	27,800*	62.2	329.9	29,400*	140
145	55.9	318.5	20,800*	57.2	321.0	24,600*	59.0	324.4	26,800*	60.8	327.0	28,400*	145
150	54.4	314.9	19,800*	55.7	317.6	23,400*	57.5	321.2	25,800*	59.3	324.1	27,400*	150
155	52.8	311.1	18,800*	54.1	314.0	22,300*	56.0	317.8	24,900*	57.9	320.9	26,500*	155
160	51.3	307.0	17,900*	52.6	310.1	21,200*	54.5	314.2	24,100*	56.4	317.5	25,600*	160
165	49.6	302.8	17,000*	51.0	306.0	20,200*	53.0	310.4	23,300*	54.9	314.0	24,700*	165
170	48.0	298.2	16,200*	49.4	301.7	19,200*	51.4	306.4	22,500*	53.3	310.3	23,900*	170
175	46.3	293.4	15,400*	47.7	297.2	18,300*	49.8	302.1	21,800*	51.8	306.3	23,100*	175
180	44.5	288.3	14,600*	46.0	292.3	17,400*	48.1	297.6	21,100*	50.2	302.1	22,400*	180
185	42.7	282.9	13,900*	44.2	287.2	16,500*	46.4	292.8	20,500*	48.5	297.7	21,700*	185
190	40.8	277.1	13,300*	42.4	281.7	15,700*	44.7	287.8	19,900*	46.8	293.0	20,800	190
195	38.9	270.9	12,700*	40.5	275.8	14,900*	42.9	282.4	19,300*	45.1	288.0	19,900	195
200	36.8	264.3	12,100*	38.5	269.6	14,200*	41.0	276.6	18,200*	43.3	282.6	19,100	200
205	34.6	257.1	11,600*	36.5	262.8	13,600*	39.0	270.4	17,300*	41.4	277.0	18,300	205
210	32.4	249.2	11,100*	34.3	255.5	12,900*	37.0	263.8	16,400*	39.5	270.9	17,500*	210
215	29.9	240.6	10,600*	32.0	247.6	12,400*	34.8	256.7	15,500*	37.5	264.4	16,600*	215
220	27.2	231.1	10,200*	29.5	238.8	11,800*	32.5	248.9	14,700*	35.4	257.4	15,700*	220
225	24.3	220.3	9,800*	26.8	229.1	11,400*	30.1	240.4	13,900*	33.1	249.8	14,900*	225
230	21.0	207.7	9,500*	23.8	218.0	10,900*	27.5	230.9	13,200*	30.7	241.4	14,100*	230
235	17.0	192.4	9,300*	20.4	205.1	10,500*	24.6	220.2	12,500*	28.1	232.2	13,400*	235
240	11.7	171.4	9,100*	16.3	189.1	10,200*	21.3	207.8	11,800*	25.3	221.9	12,600*	240
245				10.5	166.5	9,300*	17.4	192.8	11,200*	22.1	209.9	12,000*	245
250							12.2	172.5	10,400*	18.4	195.7	11,300*	250
255										13.7	177.1	10,700*	255
260										5.4	143.9	9,100*	260

Liftcrane Fixed Jib Capacities

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

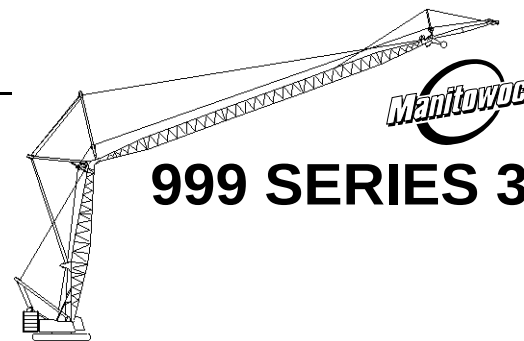
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	30,100*	130
135	60.3	336.8	22,400*	61.4	338.9	26,000*	63.1	341.6	27,700*	64.8	343.7	29,400*	135
140	58.9	333.8	21,400*	60.1	336.0	25,000*	61.8	338.9	26,700*	63.4	341.2	28,300*	140
145	57.5	330.6	20,400*	58.7	333.0	24,000*	60.4	336.1	25,800*	62.1	338.5	27,300*	145
150	56.1	327.2	19,500*	57.3	329.7	23,000*	59.0	333.0	24,900*	60.7	335.7	26,400*	150
155	54.6	323.6	18,600*	55.8	326.3	21,900*	57.6	329.8	24,000*	59.4	332.7	25,500*	155
160	53.2	319.8	17,700*	54.4	322.7	20,900*	56.2	326.5	23,200*	58.0	329.6	24,600*	160
165	51.6	315.9	16,900*	52.9	318.9	20,000*	54.8	322.9	22,400*	56.5	326.2	23,800*	165
170	50.1	311.7	16,100*	51.4	314.9	19,100*	53.3	319.2	21,700*	55.1	322.7	23,000*	170
175	48.5	307.2	15,300*	49.8	310.7	18,200*	51.8	315.2	21,000*	53.6	319.0	22,300*	175
180	46.9	302.5	14,600*	48.3	306.2	17,300*	50.2	311.0	20,400*	52.1	315.1	21,600*	180
185	45.2	297.6	13,900*	46.6	301.4	16,500*	48.7	306.6	19,800*	50.6	311.0	20,900*	185
190	43.5	292.3	13,300*	45.0	296.4	15,700*	47.0	301.9	19,200*	49.0	306.6	20,300*	190
195	41.7	286.7	12,700*	43.2	291.1	15,000*	45.4	297.0	18,600*	47.4	302.0	19,500*	195
200	39.9	280.7	12,100*	41.5	285.4	14,300*	43.7	291.7	17,700*	45.8	297.1	18,600*	200
205	38.0	274.3	11,600*	39.6	279.4	13,700*	41.9	286.1	16,800*	44.1	292.0	17,800*	205
210	36.0	267.5	11,100*	37.7	272.9	13,000*	40.1	280.2	15,800*	42.3	286.5	17,000*	210
215	33.9	260.0	10,600*	35.7	266.0	12,500*	38.2	273.9	15,000*	40.5	280.6	16,000*	215
220	31.6	252.0	10,200*	33.5	258.5	11,900*	36.2	267.0	14,200*	38.6	274.4	15,200*	220
225	29.2	243.2	9,800*	31.3	250.3	11,400*	34.1	259.7	13,400*	36.6	267.7	14,400*	225
230	26.6	233.4	9,500*	28.8	241.3	11,000*	31.8	251.7	12,700*	34.6	260.4	13,600*	230
235	23.8	222.3	9,100*	26.2	231.4	10,500*	29.5	242.9	12,000*	32.4	252.6	12,800*	235
240	20.5	209.4	8,900*	23.3	220.0	10,200*	26.9	233.2	11,300*	30.0	244.1	12,100*	240
245	16.6	193.7	8,700*	19.9	206.8	9,800*	24.0	222.3	10,700*	27.5	234.6	11,400*	245
250	11.4	172.3	7,600*	15.9	190.5	9,300*	20.8	209.6	10,000*	24.7	224.0	10,800*	250
255				10.3	167.3	7,700*	17.0	194.2	9,500*	21.6	211.8	10,200*	255
260							12.0	173.5	8,700*	18.0	197.2	9,600*	260
265										13.3	178.2	9,000*	265
270										5.2	144.3	7,500*	270



Liftcrane Fixed Jib Capacities

**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	27,500*	135
140	60.3	345.5	20,800*	61.4	347.6	23,800*	63.0	350.3	25,300*	64.6	352.4	26,800*	140
145	59.0	342.4	19,900*	60.1	344.7	22,900*	61.7	347.6	24,400*	63.3	349.9	25,900*	145
150	57.6	339.3	19,100*	58.7	341.6	22,100*	60.4	344.7	23,600*	62.0	347.2	25,000*	150
155	56.2	335.9	18,200*	57.4	338.4	21,400*	59.1	341.7	22,800*	60.7	344.4	24,100*	155
160	54.9	332.3	17,400*	56.0	335.0	20,500*	57.7	338.5	22,000*	59.4	341.4	23,300*	160
165	53.4	328.6	16,700*	54.6	331.4	19,600*	56.4	335.2	21,300*	58.0	338.2	22,500*	165
170	52.0	324.7	15,900*	53.2	327.7	18,800*	55.0	331.6	20,600*	56.7	334.9	21,800*	170
175	50.5	320.5	15,200*	51.8	323.7	18,000*	53.6	327.9	19,900*	55.3	331.4	21,100*	175
180	49.0	316.2	14,500*	50.3	319.5	17,200*	52.1	324.0	19,300*	53.9	327.8	20,400*	180
185	47.5	311.6	13,900*	48.8	315.1	16,400*	50.7	319.9	18,700*	52.5	323.9	19,800*	185
190	45.9	306.7	13,300*	47.2	310.5	15,700*	49.1	315.5	18,200*	51.0	319.8	19,200*	190
195	44.3	301.6	12,700*	45.6	305.6	15,000*	47.6	311.0	17,600*	49.5	315.6	18,600*	195
200	42.6	296.1	12,100*	44.0	300.4	14,300*	46.0	306.1	17,100*	48.0	311.0	18,100*	200
205	40.9	290.4	11,600*	42.3	294.9	13,700*	44.4	301.0	16,300*	46.4	306.3	17,400	205
210	39.1	284.2	11,100*	40.6	289.1	13,100*	42.7	295.6	15,400*	44.8	301.2	16,500*	210
215	37.2	277.6	10,600*	38.8	282.9	12,500*	41.0	289.8	14,500*	43.1	295.9	15,600*	215
220	35.2	270.6	10,200*	36.9	276.2	12,000*	39.2	283.7	13,700*	41.4	290.2	14,700*	220
225	33.2	263.0	9,800*	34.9	269.1	11,500*	37.4	277.2	12,900*	39.7	284.2	13,900*	225
230	31.0	254.7	9,400*	32.8	261.4	11,000*	35.4	270.2	12,200*	37.8	277.7	13,100*	230
235	28.6	245.7	9,100*	30.6	253.0	10,600*	33.3	262.6	11,500*	35.9	270.9	12,300*	235
240	26.1	235.6	8,800*	28.2	243.8	10,000*	31.2	254.4	10,800*	33.8	263.4	11,600*	240
245	23.3	224.3	8,500*	25.6	233.6	9,400*	28.8	245.4	10,200*	31.7	255.4	10,900*	245
250	20.1	211.2	8,300*	22.8	222.0	8,900*	26.3	235.5	9,600*	29.4	246.6	10,300*	250
255	16.3	195.1	7,600*	19.5	208.5	8,300*	23.5	224.3	9,000*	26.9	236.9	9,700*	255
260	11.2	173.2	6,100*	15.6	191.8	7,700*	20.4	211.3	8,400*	24.2	226.1	9,100*	260
265				10.1	168.1	6,200*	16.6	195.6	7,900*	21.2	213.6	8,500*	265
270							11.7	174.4	7,100*	17.6	198.7	8,000*	270
275										13.1	179.3	7,400*	275
280										5.1	144.6	6,100*	280

Liftcrane Fixed Jib Capacities

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

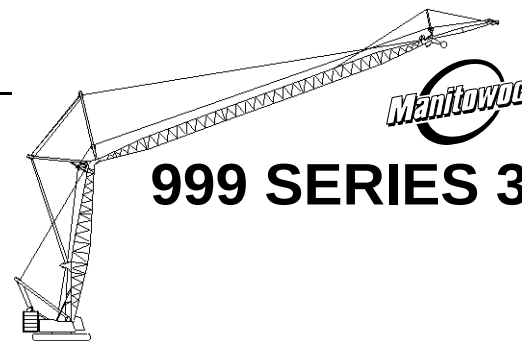
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	26,300*	145
150	53.0	303.0	19,700*	54.4	305.9	22,100*	56.4	309.7	23,700*	58.3	312.8	25,200*	150
155	51.4	298.9	18,700*	52.8	302.0	21,200*	54.8	306.1	22,800*	56.8	309.4	24,300*	155
160	49.7	294.6	17,700*	51.1	297.9	20,400*	53.2	302.3	21,900*	55.2	305.9	23,300*	160
165	48.0	290.0	16,800*	49.4	293.6	19,700*	51.5	298.2	21,100*	53.6	302.2	22,500*	165
170	46.2	285.2	15,900*	47.7	289.0	19,000*	49.8	294.0	20,400*	51.9	298.2	21,700*	170
175	44.3	280.0	15,100*	45.9	284.1	18,100*	48.1	289.4	19,600*	50.2	294.0	20,900*	175
180	42.4	274.5	14,300*	44.0	278.8	17,200*	46.3	284.6	19,000*	48.5	289.5	20,200*	180
185	40.4	268.5	13,600*	42.1	273.2	16,200*	44.5	279.4	18,300*	46.7	284.7	19,500*	185
190	38.3	262.2	12,900*	40.1	267.2	15,400*	42.5	273.9	17,800*	44.9	279.7	18,900*	190
195	36.1	255.3	12,200*	38.0	260.8	14,600*	40.6	268.0	17,200*	43.0	274.2	18,200*	195
200	33.8	247.8	11,700*	35.7	253.8	13,900*	38.5	261.7	16,600*	41.0	268.4	17,700*	200
205	31.3	239.6	11,100*	33.4	246.2	13,200*	36.3	254.9	16,100*	39.0	262.2	17,100*	205
210	28.6	230.4	10,600*	30.9	237.8	12,500*	34.0	247.4	15,700*	36.8	255.5	16,600*	210
215	25.7	220.2	10,200*	28.2	228.5	11,900*	31.5	239.3	15,200*	34.6	248.2	16,100*	215
220	22.4	208.3	9,800*	25.2	218.0	11,400*	28.9	230.2	14,500*	32.1	240.2	15,600*	220
225	18.5	193.9	9,500*	21.8	205.8	10,900*	26.0	220.1	13,800*	29.5	231.4	15,200*	225
230	13.4	174.8	9,200*	17.7	190.9	10,500*	22.7	208.3	13,100*	26.7	221.6	14,800*	230
235				12.3	170.5	10,200*	18.8	194.2	12,500*	23.5	210.3	14,400*	235
240							13.9	175.7	11,900*	19.8	196.8	13,900*	240
245							4.6	140.2	10,500*	15.2	179.7	13,200*	245
250										8.1	152.5	12,000*	250



Liftcrane Fixed Jib Capacities

**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

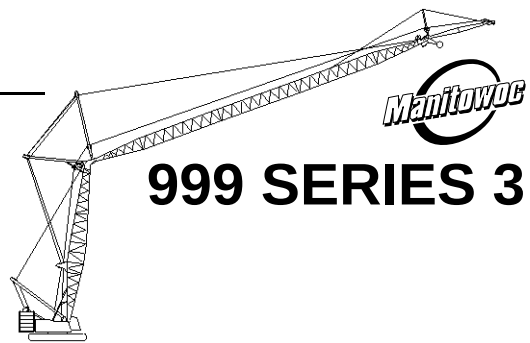
120 Ft. Boom, 180 Ft. Luffing Jib, 50 Ft. Fixed Jib

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	24,200*	150
155	53.4	311.7	18,500*	54.7	314.6	20,400*	56.5	318.4	21,800*	58.4	321.5	23,200*	155
160	51.8	307.7	17,600*	53.1	310.8	19,700*	55.0	314.8	21,000*	56.9	318.1	22,400*	160
165	50.2	303.5	16,700*	51.5	306.8	19,000*	53.5	311.1	20,200*	55.4	314.6	21,500*	165
170	48.5	299.0	15,900*	49.9	302.5	18,300*	51.9	307.1	19,500*	53.9	310.9	20,700*	170
175	46.8	294.3	15,100*	48.2	298.0	17,700*	50.3	302.9	18,900*	52.3	307.0	20,000*	175
180	45.1	289.3	14,300*	46.5	293.2	17,100*	48.7	298.4	18,200*	50.7	302.9	19,300*	180
185	43.3	283.9	13,600*	44.8	288.1	16,400*	47.0	293.7	17,600*	49.1	298.5	18,700*	185
190	41.4	278.2	13,000*	43.0	282.7	15,600*	45.2	288.7	17,100*	47.4	293.8	18,100*	190
195	39.4	272.0	12,300*	41.1	276.9	14,800*	43.4	283.3	16,500*	45.6	288.9	17,500*	195
200	37.4	265.5	11,800*	39.1	270.7	14,100*	41.6	277.7	16,000*	43.9	283.6	17,000*	200
205	35.3	258.4	11,200*	37.1	264.0	13,400*	39.6	271.6	15,500*	42.0	278.0	16,400*	205
210	33.0	250.7	10,700*	34.9	256.9	12,700*	37.6	265.0	15,000*	40.1	272.0	15,900*	210
215	30.6	242.2	10,200*	32.6	249.0	12,100*	35.5	258.0	14,600*	38.1	265.6	15,500*	215
220	28.0	232.8	9,800*	30.2	240.4	11,600*	33.2	250.3	14,200*	36.0	258.7	15,000*	220
225	25.1	222.3	9,400*	27.5	230.9	11,100*	30.8	241.9	13,800*	33.8	251.2	14,600*	225
230	21.9	210.1	9,100*	24.6	220.1	10,600*	28.2	232.7	13,400*	31.4	243.0	14,200*	230
235	18.0	195.4	8,800*	21.3	207.6	10,200*	25.4	222.2	12,900*	28.8	233.9	13,800*	235
240	13.1	175.8	8,700*	17.3	192.3	9,800*	22.1	210.2	12,300*	26.1	223.8	13,400*	240
245				12.0	171.4	9,600*	18.4	195.7	11,700*	23.0	212.2	12,700*	245
250							13.5	176.8	11,300*	19.3	198.4	12,000*	250
255							4.5	140.4	8,800*	14.9	180.9	11,400*	255
260										7.9	153.0	10,200*	260

Liftcrane Fixed Jib Capacities

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

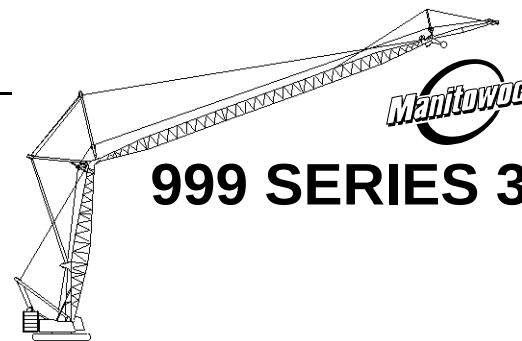
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	27,000*	140
145	58.0	331.1	20,100*	59.2	333.5	22,900*	60.9	336.6	24,500*	62.6	339.0	26,000*	145
150	56.6	327.8	19,200*	57.8	330.3	22,100*	59.5	333.6	23,600*	61.2	336.2	25,000*	150
155	55.1	324.2	18,300*	56.3	326.9	21,300*	58.1	330.4	22,700*	59.8	333.2	24,100*	155
160	53.7	320.5	17,400*	54.9	323.3	20,500*	56.7	327.1	21,900*	58.5	330.1	23,300*	160
165	52.1	316.6	16,600*	53.4	319.6	19,800*	55.2	323.5	21,100*	57.0	326.8	22,400*	165
170	50.6	312.4	15,800*	51.9	315.6	19,000*	53.8	319.8	20,400*	55.6	323.3	21,700*	170
175	49.0	308.0	15,100*	50.4	311.4	18,100*	52.3	315.9	19,700*	54.1	319.7	20,900*	175
180	47.4	303.4	14,300*	48.8	307.0	17,300*	50.7	311.8	19,100*	52.6	315.8	20,300*	180
185	45.8	298.5	13,700*	47.2	302.3	16,500*	49.2	307.4	18,500*	51.1	311.7	19,600*	185
190	44.1	293.2	13,000*	45.5	297.3	15,700*	47.6	302.8	17,900*	49.6	307.4	19,000*	190
195	42.3	287.7	12,400*	43.8	292.0	14,900*	45.9	297.9	17,400*	48.0	302.8	18,400*	195
200	40.5	281.8	11,800*	42.0	286.4	14,200*	44.2	292.7	16,900*	46.3	298.0	17,800*	200
205	38.6	275.5	11,300*	40.2	280.5	13,500*	42.5	287.2	16,400*	44.6	292.9	17,300*	205
210	36.6	268.7	10,800*	38.3	274.1	12,900*	40.6	281.3	15,900*	42.9	287.5	16,800*	210
215	34.5	261.4	10,300*	36.2	267.2	12,300*	38.7	275.0	15,400*	41.1	281.7	16,300*	215
220	32.3	253.5	9,900*	34.1	259.8	11,700*	36.8	268.3	15,000*	39.2	275.5	15,900*	220
225	29.9	244.8	9,500*	31.9	251.8	11,200*	34.7	261.0	14,400*	37.2	268.9	15,400*	225
230	27.4	235.2	9,100*	29.5	243.0	10,700*	32.5	253.2	13,600*	35.2	261.8	14,600*	230
235	24.5	224.4	8,800*	26.9	233.2	10,300*	30.1	244.5	12,900*	33.0	254.0	13,800*	235
240	21.4	211.9	8,500*	24.1	222.2	9,900*	27.6	235.0	12,200*	30.7	245.6	13,100*	240
245	17.6	196.8	8,300*	20.8	209.3	9,500*	24.8	224.3	11,600*	28.2	236.4	12,400*	245
250	12.8	176.8	8,200*	16.9	193.7	9,200*	21.7	212.0	10,900*	25.5	226.0	11,700*	250
255				11.7	172.4	8,800*	18.0	197.2	10,300*	22.4	214.1	11,100*	255
260							13.2	177.8	9,700*	18.9	200.0	10,400*	260
265							4.4	140.7	7,500*	14.5	182.1	9,900*	265
270										7.7	153.6	8,800*	270



Liftcrane Fixed Jib Capacities

**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**

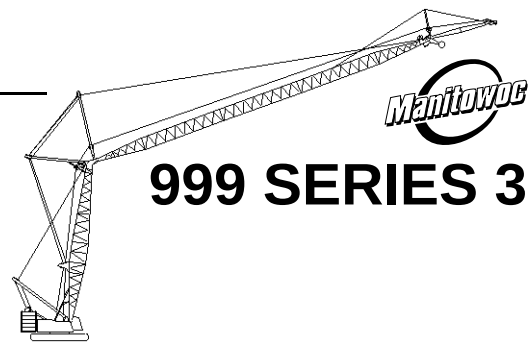
120 Ft. Boom, 200 Ft. Luffing Jib, 50 Ft. Fixed Jib

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	26,100*	140
145	59.4	343.0	19,600*	60.5	345.2	22,100*	62.2	348.1	23,600*	63.8	350.3	25,100*	145
150	58.1	339.8	18,800*	59.2	342.2	21,300*	60.9	345.2	22,800*	62.5	347.7	24,200*	150
155	56.7	336.5	18,000*	57.9	339.0	20,600*	59.5	342.2	21,900*	61.2	344.9	23,300*	155
160	55.3	333.0	17,200*	56.5	335.6	19,900*	58.2	339.1	21,200*	59.8	341.9	22,400*	160
165	53.9	329.3	16,400*	55.1	332.1	19,200*	56.8	335.8	20,400*	58.5	338.8	21,700*	165
170	52.5	325.4	15,600*	53.7	328.4	18,500*	55.4	332.3	19,800*	57.2	335.5	20,900*	170
175	51.0	321.3	14,900*	52.2	324.4	17,900*	54.0	328.6	19,100*	55.8	332.1	20,200*	175
180	49.5	317.0	14,200*	50.8	320.3	17,100*	52.6	324.7	18,500*	54.4	328.4	19,600*	180
185	48.0	312.4	13,600*	49.3	315.9	16,400*	51.1	320.6	17,900*	52.9	324.6	18,900*	185
190	46.4	307.6	13,000*	47.7	311.3	15,600*	49.6	316.3	17,300*	51.5	320.6	18,300*	190
195	44.8	302.5	12,400*	46.1	306.5	14,900*	48.1	311.8	16,800*	50.0	316.3	17,800*	195
200	43.1	297.1	11,800*	44.5	301.3	14,200*	46.5	307.0	16,300*	48.5	311.8	17,200*	200
205	41.4	291.4	11,300*	42.8	295.9	13,600*	44.9	301.9	15,800*	46.9	307.1	16,700*	205
210	39.6	285.3	10,800*	41.1	290.1	13,000*	43.3	296.6	15,400*	45.3	302.1	16,300*	210
215	37.8	278.8	10,300*	39.3	284.0	12,400*	41.5	290.9	14,900*	43.7	296.8	15,800*	215
220	35.8	271.9	9,900*	37.4	277.4	11,800*	39.8	284.8	14,500*	42.0	291.2	15,300*	220
225	33.8	264.4	9,500*	35.5	270.4	11,300*	37.9	278.4	13,800*	40.2	285.3	14,800*	225
230	31.6	256.2	9,100*	33.4	262.8	10,800*	36.0	271.4	13,100*	38.4	278.9	14,000*	230
235	29.3	247.3	8,800*	31.2	254.5	10,400*	33.9	264.0	12,400*	36.4	272.1	13,300*	235
240	26.8	237.5	8,400*	28.9	245.5	10,000*	31.8	255.9	11,700*	34.4	264.8	12,500*	240
245	24.0	226.4	8,200*	26.3	235.5	9,600*	29.5	247.1	11,000*	32.3	256.9	11,800*	245
250	20.9	213.7	7,900*	23.5	224.2	9,200*	27.0	237.3	10,400*	30.1	248.2	11,200*	250
255	17.2	198.2	7,700*	20.4	211.0	8,900*	24.3	226.4	9,800*	27.6	238.7	10,500*	255
260	12.5	177.8	7,100*	16.6	195.0	8,600*	21.2	213.8	9,200*	24.9	228.1	9,900*	260
265				11.5	173.3	7,200*	17.6	198.7	8,700*	22.0	215.9	9,300*	265
270							12.9	178.9	8,100*	18.5	201.5	8,800*	270
275							4.3	140.9	6,000*	14.2	183.2	8,200*	275
280										7.5	154.2	7,200*	280

Liftcrane Fixed Jib Capacities

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

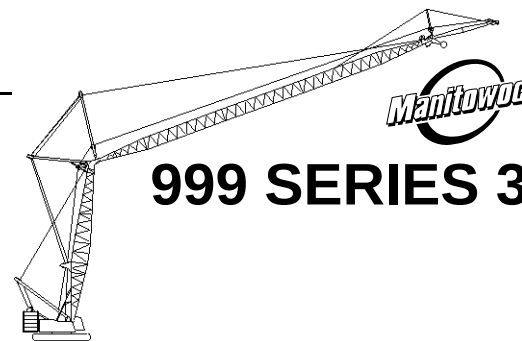
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	23,800*	145
150	59.4	351.6	18,300*	60.5	353.9	20,300*	62.1	356.7	21,700*	63.6	359.0	22,900*	150
155	58.2	348.5	17,500*	59.2	350.8	19,600*	60.8	353.9	20,900*	62.4	356.3	22,100*	155
160	56.8	345.2	16,800*	57.9	347.7	18,900*	59.5	350.9	20,100*	61.1	353.5	21,300*	160
165	55.5	341.7	16,100*	56.6	344.3	18,200*	58.3	347.7	19,400*	59.9	350.6	20,600*	165
170	54.2	338.0	15,400*	55.3	340.8	17,600*	57.0	344.4	18,800*	58.6	347.5	19,900*	170
175	52.8	334.2	14,700*	53.9	337.1	17,000*	55.6	341.0	18,100*	57.3	344.2	19,200*	175
180	51.4	330.1	14,100*	52.6	333.2	16,500*	54.3	337.3	17,500*	55.9	340.8	18,600*	180
185	49.9	325.9	13,400*	51.1	329.2	16,000*	52.9	333.5	17,000*	54.6	337.2	18,000*	185
190	48.5	321.4	12,900*	49.7	324.9	15,500*	51.5	329.5	16,500*	53.2	333.4	17,400*	190
195	47.0	316.7	12,300*	48.2	320.3	14,800*	50.1	325.2	15,900*	51.8	329.4	16,900*	195
200	45.4	311.7	11,800*	46.7	315.6	14,200*	48.6	320.8	15,500*	50.4	325.2	16,300*	200
205	43.9	306.5	11,300*	45.2	310.6	13,600*	47.1	316.1	15,000*	49.0	320.8	15,900*	205
210	42.2	300.9	10,800*	43.6	305.3	13,000*	45.6	311.1	14,600*	47.5	316.2	15,400*	210
215	40.5	295.0	10,300*	42.0	299.7	12,400*	44.0	305.9	14,200*	45.9	311.3	14,900*	215
220	38.8	288.8	9,900*	40.3	293.7	11,900*	42.4	300.4	13,800*	44.4	306.1	14,500*	220
225	37.0	282.1	9,500*	38.5	287.4	11,400*	40.7	294.5	13,400*	42.8	300.7	14,100*	225
230	35.1	274.9	9,100*	36.7	280.7	10,900*	39.0	288.3	12,600*	41.1	294.9	13,500*	230
235	33.1	267.3	8,700*	34.8	273.4	10,400*	37.1	281.7	11,900*	39.4	288.8	12,800*	235
240	31.0	258.9	8,400*	32.7	265.6	10,000*	35.2	274.6	11,200*	37.6	282.2	12,000*	240
245	28.7	249.8	8,100*	30.6	257.2	9,600*	33.2	266.9	10,500*	35.7	275.3	11,300*	245
250	26.2	239.7	7,800*	28.3	247.9	9,200*	31.1	258.6	9,900*	33.7	267.7	10,700*	250
255	23.5	228.4	7,600*	25.8	237.7	8,600*	28.9	249.6	9,300*	31.7	259.6	10,000*	255
260	20.5	215.4	7,400*	23.1	226.1	8,100*	26.5	239.6	8,700*	29.4	250.8	9,400*	260
265	16.9	199.6	7,000*	19.9	212.7	7,500*	23.8	228.4	8,200*	27.1	241.1	8,800*	265
270	12.2	178.8	5,700*	16.2	196.4	7,000*	20.8	215.5	7,600*	24.4	230.2	8,300*	270
275				11.2	174.2	5,700*	17.2	200.1	7,100*	21.5	217.8	7,700*	275
280							12.7	179.9	6,600*	18.1	203.1	7,200*	280
285							4.1	141.2	4,600*	13.9	184.4	6,700*	285
290										7.3	154.7	5,800*	290



Liftcrane Fixed Jib Capacities

999 SERIES 3

**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**

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	19,500*	170
175	46.9	294.3	14,700*	48.3	298.0	16,500*	50.4	302.9	17,700*	52.4	307.0	18,800*	175
180	45.2	289.3	14,000*	46.6	293.2	15,900*	48.7	298.5	17,000*	50.8	302.9	18,100*	180
185	43.3	283.9	13,200*	44.9	288.1	15,400*	47.0	293.7	16,400*	49.1	298.5	17,500*	185
190	41.5	278.2	12,600*	43.0	282.7	14,900*	45.3	288.7	15,900*	47.5	293.8	16,900*	190
195	39.5	272.1	11,900*	41.2	276.9	14,300*	43.5	283.4	15,300*	45.7	288.9	16,300*	195
200	37.5	265.5	11,400*	39.2	270.8	13,600*	41.6	277.7	14,800*	43.9	283.6	15,800*	200
205	35.4	258.4	10,800*	37.2	264.1	12,900*	39.7	271.6	14,400*	42.1	278.0	15,200*	205
210	33.1	250.7	10,300*	35.0	256.9	12,200*	37.7	265.1	13,900*	40.2	272.1	14,800*	210
215	30.7	242.3	9,800*	32.7	249.1	11,600*	35.5	258.0	13,500*	38.2	265.6	14,300*	215
220	28.1	232.9	9,400*	30.3	240.5	11,100*	33.3	250.4	13,100*	36.1	258.7	13,900*	220
225	25.2	222.4	9,000*	27.6	231.0	10,600*	30.9	242.0	12,700*	33.8	251.2	13,400*	225
230	21.9	210.2	8,600*	24.7	220.2	10,100*	28.3	232.7	12,300*	31.5	243.0	13,000*	230
235	18.1	195.5	8,400*	21.4	207.7	9,600*	25.4	222.3	12,000*	28.9	234.0	12,700*	235
240	13.2	176.0	8,200*	17.4	192.4	9,300*	22.2	210.3	11,600*	26.2	223.9	12,300*	240
245				12.1	171.6	9,000*	18.5	195.8	11,100*	23.0	212.3	12,000*	245
250							13.6	176.9	10,600*	19.4	198.5	11,600*	250
255							4.7	141.0	9,500*	15.0	181.0	11,300*	255
260										8.0	153.3	10,900*	260

Liftcrane Fixed Jib Capacities

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

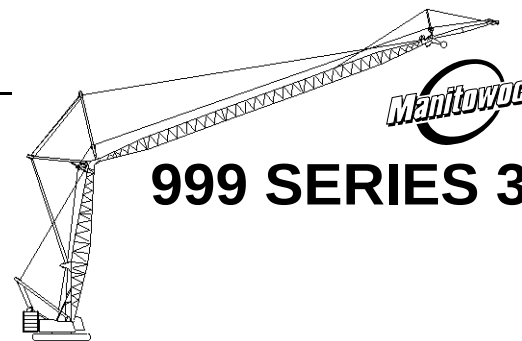
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	18,000*	175
180	47.5	303.4	14,000*	48.9	307.0	15,300*	50.8	311.8	16,400*	52.7	315.8	17,400*	180
185	45.8	298.5	13,300*	47.2	302.3	14,800*	49.2	307.4	15,800*	51.2	311.8	16,800*	185
190	44.1	293.3	12,700*	45.6	297.4	14,300*	47.6	302.8	15,300*	49.6	307.4	16,200*	190
195	42.4	287.7	12,000*	43.9	292.1	13,800*	46.0	297.9	14,800*	48.0	302.9	15,700*	195
200	40.6	281.8	11,500*	42.1	286.5	13,400*	44.3	292.7	14,300*	46.4	298.1	15,100*	200
205	38.6	275.5	10,900*	40.2	280.5	13,000*	42.5	287.2	13,800*	44.7	292.9	14,600*	205
210	36.7	268.8	10,400*	38.3	274.1	12,500*	40.7	281.3	13,400*	43.0	287.5	14,200*	210
215	34.6	261.5	9,900*	36.3	267.3	11,900*	38.8	275.1	13,000*	41.1	281.7	13,700*	215
220	32.4	253.5	9,500*	34.2	259.9	11,300*	36.8	268.3	12,600*	39.3	275.5	13,300*	220
225	30.0	244.9	9,100*	32.0	251.9	10,800*	34.8	261.1	12,200*	37.3	268.9	12,900*	225
230	27.4	235.3	8,700*	29.6	243.1	10,300*	32.6	253.2	11,800*	35.3	261.8	12,500*	230
235	24.6	224.5	8,400*	27.0	233.3	9,800*	30.2	244.6	11,500*	33.1	254.1	12,200*	235
240	21.5	212.0	8,100*	24.1	222.2	9,400*	27.7	235.1	11,200*	30.8	245.7	11,800*	240
245	17.7	196.9	7,800*	20.9	209.4	9,000*	24.9	224.4	10,900*	28.3	236.4	11,500*	245
250	12.9	177.0	7,700*	17.0	193.8	8,700*	21.7	212.1	10,600*	25.6	226.0	11,200*	250
255				11.9	172.5	8,500*	18.1	197.3	10,300*	22.5	214.2	10,900*	255
260							13.3	178.0	10,000*	19.0	200.1	10,600*	260
265							4.6	141.2	7,900*	14.6	182.2	10,300*	265
270										7.8	153.9	9,300*	270



Liftcrane Fixed Jib Capacities

**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

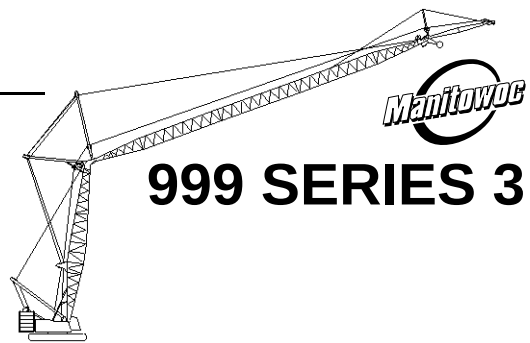
120 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

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	21,000*	160
165	54.0	329.3	16,100*	55.2	332.1	17,900*	56.9	335.8	19,100*	58.6	338.8	20,300*	165
170	52.5	325.4	15,400*	53.8	328.4	17,200*	55.5	332.3	18,400*	57.2	335.6	19,500*	170
175	51.1	321.3	14,600*	52.3	324.5	16,600*	54.1	328.6	17,700*	55.8	332.1	18,800*	175
180	49.6	317.0	14,000*	50.8	320.3	16,100*	52.7	324.7	17,100*	54.4	328.5	18,200*	180
185	48.1	312.4	13,300*	49.3	316.0	15,500*	51.2	320.7	16,600*	53.0	324.6	17,500*	185
190	46.5	307.6	12,700*	47.8	311.4	15,000*	49.7	316.4	16,000*	51.6	320.6	17,000*	190
195	44.9	302.6	12,100*	46.2	306.5	14,500*	48.2	311.8	15,500*	50.1	316.4	16,400*	195
200	43.2	297.2	11,500*	44.6	301.4	13,900*	46.6	307.0	15,000*	48.6	311.9	15,900*	200
205	41.5	291.4	11,000*	42.9	296.0	13,200*	45.0	302.0	14,500*	47.0	307.2	15,400*	205
210	39.7	285.4	10,500*	41.2	290.2	12,600*	43.3	296.6	14,100*	45.4	302.2	14,900*	210
215	37.8	278.9	10,000*	39.4	284.0	12,000*	41.6	290.9	13,700*	43.7	296.9	14,500*	215
220	35.9	271.9	9,600*	37.5	277.5	11,500*	39.8	284.9	13,300*	42.0	291.3	14,000*	220
225	33.8	264.4	9,200*	35.6	270.4	10,900*	38.0	278.4	12,900*	40.3	285.3	13,600*	225
230	31.7	256.3	8,800*	33.5	262.8	10,400*	36.0	271.5	12,500*	38.4	279.0	13,300*	230
235	29.4	247.4	8,400*	31.3	254.6	10,000*	34.0	264.1	12,200*	36.5	272.2	12,900*	235
240	26.9	237.6	8,100*	29.0	245.6	9,600*	31.9	256.0	11,900*	34.5	264.8	12,500*	240
245	24.1	226.5	7,800*	26.4	235.5	9,200*	29.6	247.2	11,500*	32.4	256.9	12,200*	245
250	21.0	213.7	7,600*	23.6	224.2	8,800*	27.1	237.4	11,100*	30.1	248.3	11,800*	250
255	17.3	198.4	7,400*	20.4	211.1	8,500*	24.3	226.5	10,500*	27.7	238.8	11,200*	255
260	12.6	178.0	7,200*	16.6	195.2	8,200*	21.3	213.9	9,900*	25.0	228.2	10,600*	260
265				11.6	173.4	7,800*	17.7	198.8	9,300*	22.1	216.0	10,000*	265
270							13.0	179.0	8,700*	18.6	201.7	9,400*	270
275							4.4	141.5	6,600*	14.3	183.4	8,900*	275
280										7.6	154.4	7,900*	280

Liftcrane Fixed Jib Capacities

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

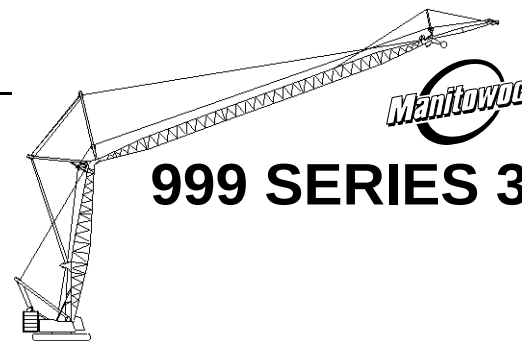
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	20,300*	160
165	55.6	341.7	15,800*	56.7	344.4	17,300*	58.3	347.8	18,400*	59.9	350.6	19,600*	165
170	54.2	338.1	15,100*	55.4	340.8	16,700*	57.0	344.5	17,800*	58.6	347.5	18,900*	170
175	52.9	334.2	14,500*	54.0	337.1	16,100*	55.7	341.0	17,200*	57.3	344.2	18,200*	175
180	51.4	330.2	13,800*	52.6	333.3	15,600*	54.3	337.4	16,600*	56.0	340.8	17,600*	180
185	50.0	325.9	13,200*	51.2	329.2	15,100*	53.0	333.5	16,000*	54.7	337.2	17,000*	185
190	48.6	321.4	12,600*	49.8	324.9	14,600*	51.6	329.5	15,500*	53.3	333.4	16,400*	190
195	47.1	316.7	12,000*	48.3	320.4	14,100*	50.1	325.3	15,000*	51.9	329.4	15,900*	195
200	45.5	311.8	11,500*	46.8	315.6	13,700*	48.7	320.8	14,500*	50.5	325.3	15,400*	200
205	43.9	306.5	11,000*	45.3	310.6	13,200*	47.2	316.1	14,100*	49.0	320.9	14,900*	205
210	42.3	301.0	10,500*	43.7	305.3	12,700*	45.6	311.2	13,700*	47.5	316.2	14,400*	210
215	40.6	295.1	10,000*	42.0	299.7	12,100*	44.1	305.9	13,300*	46.0	311.3	14,000*	215
220	38.9	288.8	9,600*	40.3	293.8	11,600*	42.4	300.4	12,900*	44.4	306.2	13,600*	220
225	37.1	282.1	9,200*	38.6	287.5	11,000*	40.8	294.6	12,500*	42.8	300.7	13,200*	225
230	35.1	275.0	8,800*	36.7	280.7	10,600*	39.0	288.3	12,200*	41.2	295.0	12,800*	230
235	33.1	267.3	8,400*	34.8	273.5	10,100*	37.2	281.7	11,800*	39.4	288.8	12,500*	235
240	31.0	259.0	8,100*	32.8	265.7	9,700*	35.3	274.6	11,500*	37.6	282.3	12,100*	240
245	28.8	249.9	7,800*	30.7	257.2	9,300*	33.3	267.0	11,100*	35.8	275.3	11,800*	245
250	26.3	239.8	7,500*	28.4	248.0	8,900*	31.2	258.7	10,500*	33.8	267.8	11,300*	250
255	23.6	228.5	7,300*	25.9	237.8	8,600*	29.0	249.7	9,900*	31.7	259.7	10,600*	255
260	20.6	215.5	7,100*	23.1	226.2	8,300*	26.5	239.7	9,300*	29.5	250.9	10,000*	260
265	17.0	199.8	6,900*	20.0	212.8	8,000*	23.9	228.5	8,800*	27.1	241.1	9,500*	265
270	12.3	179.0	6,200*	16.3	196.5	7,700*	20.8	215.6	8,300*	24.5	230.3	8,900*	270
275				11.3	174.3	6,300*	17.3	200.2	7,700*	21.6	217.9	8,400*	275
280							12.8	180.0	7,200*	18.2	203.2	7,800*	280
285							4.3	141.7	5,200*	14.0	184.5	7,300*	285
290										7.5	155.0	6,400*	290



Liftcrane Fixed Jib Capacities

**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

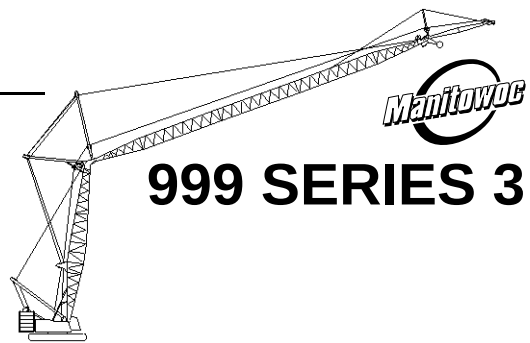
120 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

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	18,600*	165
170	55.7	350.4	14,800*	56.8	353.0	15,900*	58.4	356.5	16,900*	59.9	359.3	17,900*	170
175	54.4	346.8	14,200*	55.5	349.6	15,300*	57.1	353.2	16,300*	58.7	356.2	17,300*	175
180	53.1	343.0	13,600*	54.2	345.9	14,800*	55.9	349.7	15,800*	57.4	352.9	16,700*	180
185	51.8	339.0	13,000*	52.9	342.1	14,300*	54.6	346.1	15,200*	56.2	349.5	16,100*	185
190	50.4	334.8	12,500*	51.6	338.0	13,800*	53.2	342.3	14,700*	54.9	345.9	15,600*	190
195	49.0	330.4	11,900*	50.2	333.8	13,400*	51.9	338.3	14,300*	53.6	342.2	15,100*	195
200	47.6	325.8	11,400*	48.8	329.4	13,000*	50.5	334.2	13,800*	52.2	338.3	14,600*	200
205	46.1	320.9	10,900*	47.3	324.7	12,600*	49.1	329.8	13,400*	50.9	334.1	14,100*	205
210	44.6	315.8	10,500*	45.9	319.8	12,200*	47.7	325.2	13,000*	49.5	329.8	13,700*	210
215	43.1	310.4	10,000*	44.4	314.6	11,800*	46.2	320.3	12,600*	48.0	325.2	13,300*	215
220	41.5	304.7	9,600*	42.8	309.2	11,500*	44.7	315.2	12,200*	46.6	320.5	12,900*	220
225	39.8	298.6	9,200*	41.2	303.4	11,100*	43.2	309.8	11,800*	45.1	315.4	12,500*	225
230	38.1	292.2	8,800*	39.5	297.3	10,600*	41.6	304.2	11,500*	43.6	310.1	12,100*	230
235	36.3	285.4	8,400*	37.8	290.8	10,200*	40.0	298.1	11,200*	42.0	304.5	11,800*	235
240	34.5	278.0	8,100*	36.0	283.9	9,700*	38.3	291.7	10,900*	40.4	298.6	11,500*	240
245	32.5	270.2	7,800*	34.1	276.5	9,300*	36.5	284.9	10,600*	38.7	292.3	11,200*	245
250	30.4	261.6	7,500*	32.2	268.5	9,000*	34.6	277.6	10,000*	36.9	285.6	10,800*	250
255	28.2	252.3	7,200*	30.1	259.9	8,600*	32.7	269.8	9,400*	35.1	278.4	10,200*	255
260	25.8	242.0	7,000*	27.8	250.4	8,200*	30.6	261.4	8,800*	33.1	270.7	9,500*	260
265	23.2	230.5	6,800*	25.4	239.9	7,700*	28.4	252.1	8,300*	31.1	262.4	9,000*	265
270	20.2	217.2	6,600*	22.7	228.1	7,200*	26.0	241.9	7,800*	28.9	253.4	8,400*	270
275	16.6	201.1	6,100*	19.6	214.5	6,700*	23.4	230.5	7,300*	26.6	243.4	7,900*	275
280	12.1	179.9	4,900*	16.0	197.8	6,200*	20.4	217.3	6,800*	24.0	232.3	7,400*	280
285				11.1	175.2	5,000*	17.0	201.6	6,300*	21.2	219.6	6,900*	285
290							12.5	181.0	5,800*	17.9	204.6	6,400*	290
295										13.7	185.6	5,900*	295
300										7.3	155.5	5,000*	300

Liftcrane Fixed Jib Capacities

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

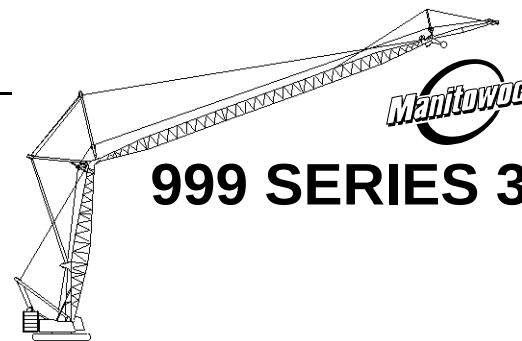
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	15,100*	195
200	40.5	281.9	11,200*	42.0	286.6	12,800*	44.2	292.8	13,700*	46.3	298.2	14,600*	200
205	38.6	275.6	10,600*	40.1	280.6	12,400*	42.4	287.3	13,200*	44.6	293.0	14,100*	205
210	36.6	268.9	10,100*	38.2	274.3	12,000*	40.6	281.4	12,800*	42.9	287.6	13,600*	210
215	34.5	261.6	9,600*	36.2	267.4	11,500*	38.7	275.2	12,400*	41.1	281.8	13,100*	215
220	32.3	253.7	9,200*	34.1	260.0	10,900*	36.7	268.4	12,000*	39.2	275.7	12,700*	220
225	29.9	245.0	8,800*	31.9	252.0	10,400*	34.7	261.2	11,600*	37.2	269.1	12,300*	225
230	27.4	235.4	8,400*	29.5	243.2	9,900*	32.5	253.3	11,200*	35.2	261.9	11,900*	230
235	24.6	224.6	8,000*	26.9	233.4	9,400*	30.1	244.8	10,900*	33.0	254.2	11,500*	235
240	21.4	212.2	7,700*	24.1	222.4	9,000*	27.6	235.3	10,500*	30.7	245.8	11,200*	240
245	17.7	197.2	7,500*	20.8	209.6	8,600*	24.8	224.6	10,200*	28.2	236.6	10,800*	245
250	12.8	177.3	7,300*	17.0	194.1	8,300*	21.7	212.3	9,900*	25.5	226.2	10,500*	250
255	2.4	133.7	7,300*	11.8	172.9	8,000*	18.0	197.6	9,700*	22.5	214.4	10,200*	255
260							13.3	178.3	9,400*	18.9	200.3	9,900*	260
265							4.7	142.4	8,800*	14.6	182.5	9,600*	265
270										7.8	154.5	9,400*	270



Liftcrane Fixed Jib Capacities

**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**

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	14,500*	195
200	43.1	297.3	11,300*	44.5	301.5	12,300*	46.5	307.1	13,200*	48.5	312.0	14,000*	200
205	41.4	291.6	10,700*	42.8	296.1	11,900*	44.9	302.1	12,700*	46.9	307.3	13,500*	205
210	39.6	285.5	10,200*	41.1	290.3	11,500*	43.2	296.7	12,300*	45.3	302.3	13,000*	210
215	37.7	279.0	9,700*	39.3	284.1	11,200*	41.5	291.0	11,900*	43.6	297.0	12,600*	215
220	35.8	272.0	9,300*	37.4	277.6	10,800*	39.7	285.0	11,500*	41.9	291.4	12,200*	220
225	33.8	264.5	8,900*	35.5	270.5	10,500*	37.9	278.5	11,100*	40.2	285.4	11,800*	225
230	31.6	256.4	8,500*	33.4	263.0	10,100*	36.0	271.6	10,800*	38.3	279.1	11,400*	230
235	29.3	247.5	8,100*	31.2	254.7	9,600*	33.9	264.2	10,500*	36.4	272.3	11,100*	235
240	26.8	237.7	7,800*	28.9	245.7	9,200*	31.8	256.1	10,100*	34.4	265.0	10,700*	240
245	24.0	226.7	7,500*	26.3	235.7	8,800*	29.5	247.3	9,800*	32.3	257.1	10,400*	245
250	20.9	214.0	7,200*	23.6	224.4	8,400*	27.0	237.6	9,600*	30.0	248.5	10,100*	250
255	17.3	198.6	7,000*	20.4	211.3	8,100*	24.3	226.7	9,300*	27.6	239.0	9,800*	255
260	12.5	178.3	6,800*	16.6	195.4	7,800*	21.2	214.1	9,000*	25.0	228.4	9,500*	260
265	2.3	133.7	5,900*	11.6	173.8	7,600*	17.6	199.0	8,800*	22.0	216.2	9,300*	265
270							13.0	179.4	8,600*	18.5	201.9	9,000*	270
275							4.6	142.7	7,300*	14.3	183.7	8,800*	275
280										7.7	155.0	8,500*	280

Liftcrane Fixed Jib Capacities

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

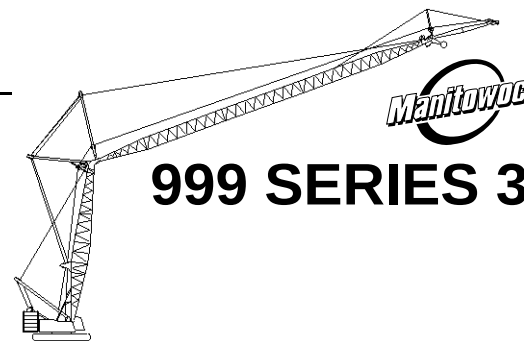
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	15,900*	185
190	48.5	321.5	12,400*	49.7	325.0	13,900*	51.5	329.6	14,800*	53.2	333.5	15,700*	190
195	47.0	316.8	11,800*	48.2	320.5	13,400*	50.0	325.4	14,300*	51.8	329.5	15,200*	195
200	45.4	311.9	11,300*	46.7	315.7	13,000*	48.6	320.9	13,800*	50.4	325.4	14,700*	200
205	43.8	306.6	10,800*	45.2	310.7	12,500*	47.1	316.2	13,400*	48.9	321.0	14,200*	205
210	42.2	301.1	10,300*	43.6	305.4	12,100*	45.6	311.3	12,900*	47.5	316.3	13,700*	210
215	40.5	295.2	9,800*	41.9	299.8	11,800*	44.0	306.1	12,500*	45.9	311.4	13,300*	215
220	38.8	288.9	9,400*	40.2	293.9	11,300*	42.4	300.5	12,100*	44.4	306.3	12,900*	220
225	37.0	282.3	9,000*	38.5	287.6	10,800*	40.7	294.7	11,800*	42.7	300.8	12,500*	225
230	35.1	275.1	8,600*	36.7	280.8	10,300*	38.9	288.5	11,400*	41.1	295.1	12,100*	230
235	33.1	267.4	8,200*	34.7	273.6	9,800*	37.1	281.8	11,100*	39.4	288.9	11,700*	235
240	30.9	259.1	7,900*	32.7	265.8	9,400*	35.2	274.7	10,700*	37.6	282.4	11,400*	240
245	28.7	250.0	7,600*	30.6	257.4	9,000*	33.2	267.1	10,400*	35.7	275.4	11,000*	245
250	26.2	240.0	7,300*	28.3	248.2	8,600*	31.1	258.8	10,100*	33.7	267.9	10,700*	250
255	23.5	228.7	7,000*	25.8	237.9	8,200*	28.9	249.8	9,900*	31.6	259.8	10,400*	255
260	20.5	215.7	6,800*	23.1	226.4	7,900*	26.5	239.9	9,600*	29.4	251.0	10,100*	260
265	16.9	200.0	6,600*	20.0	213.0	7,600*	23.8	228.7	9,300*	27.1	241.3	9,900*	265
270	12.3	179.3	6,500*	16.3	196.8	7,400*	20.8	215.8	9,100*	24.4	230.4	9,600*	270
275	2.3	133.8	4,700*	11.3	174.7	7,100*	17.2	200.5	8,600*	21.5	218.1	9,200*	275
280							12.7	180.4	8,000*	18.2	203.4	8,700*	280
285							4.5	142.9	6,000*	14.0	184.8	8,200*	285
290										7.5	155.6	7,200*	290



Liftcrane Fixed Jib Capacities

**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	15,700*	185
190	50.3	334.9	12,300*	51.5	338.1	13,500*	53.1	342.4	14,400*	54.8	346.0	15,200*	190
195	48.9	330.5	11,800*	50.1	333.9	13,000*	51.8	338.4	13,900*	53.5	342.3	14,700*	195
200	47.5	325.9	11,200*	48.7	329.5	12,600*	50.4	334.3	13,400*	52.1	338.4	14,200*	200
205	46.0	321.0	10,700*	47.3	324.8	12,200*	49.0	329.9	13,000*	50.8	334.2	13,700*	205
210	44.5	315.9	10,300*	45.8	319.9	11,800*	47.6	325.3	12,500*	49.4	329.9	13,300*	210
215	43.0	310.5	9,800*	44.3	314.7	11,400*	46.2	320.4	12,100*	48.0	325.3	12,900*	215
220	41.4	304.8	9,400*	42.7	309.3	11,100*	44.7	315.3	11,800*	46.5	320.6	12,500*	220
225	39.7	298.7	9,000*	41.1	303.5	10,700*	43.1	309.9	11,400*	45.0	315.5	12,100*	225
230	38.0	292.3	8,600*	39.5	297.4	10,400*	41.5	304.3	11,100*	43.5	310.2	11,700*	230
235	36.2	285.5	8,300*	37.7	290.9	9,900*	39.9	298.2	10,700*	41.9	304.6	11,400*	235
240	34.4	278.2	7,900*	35.9	284.0	9,500*	38.2	291.9	10,400*	40.3	298.7	11,000*	240
245	32.4	270.3	7,600*	34.1	276.6	9,100*	36.4	285.1	10,100*	38.6	292.4	10,700*	245
250	30.3	261.8	7,300*	32.1	268.6	8,700*	34.5	277.8	9,800*	36.8	285.7	10,400*	250
255	28.1	252.5	7,000*	30.0	260.0	8,400*	32.6	270.0	9,600*	35.0	278.5	10,100*	255
260	25.7	242.2	6,800*	27.7	250.6	8,000*	30.5	261.5	9,300*	33.1	270.8	9,800*	260
265	23.1	230.7	6,500*	25.3	240.1	7,700*	28.3	252.3	9,100*	31.0	262.5	9,600*	265
270	20.1	217.4	6,300*	22.6	228.3	7,400*	25.9	242.1	8,500*	28.9	253.5	9,200*	270
275	16.6	201.4	6,200*	19.6	214.7	7,200*	23.3	230.7	8,000*	26.5	243.6	8,600*	275
280	12.0	180.3	5,600*	15.9	198.1	7,000*	20.4	217.6	7,500*	24.0	232.5	8,100*	280
285				11.1	175.6	5,700*	16.9	201.9	7,100*	21.1	219.8	7,600*	285
290							12.5	181.4	6,500*	17.8	204.9	7,200*	290
295							4.4	143.2	4,700*	13.7	185.9	6,700*	295
300										7.3	156.2	5,800*	300

Liftcrane Fixed Jib Capacities

**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**

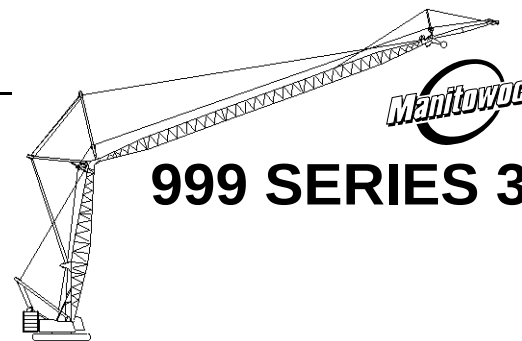
**Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5**



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	15,600*	180
185	53.3	351.9	12,600*	54.4	354.7	13,300*	55.9	358.5	14,200*	57.4	361.7	15,000*	185
190	52.0	347.9	12,100*	53.1	350.9	12,800*	54.7	354.9	13,700*	56.2	358.3	14,500*	190
195	50.7	343.8	11,600*	51.8	347.0	12,400*	53.4	351.2	13,200*	55.0	354.8	14,000*	195
200	49.4	339.5	11,100*	50.5	342.8	12,000*	52.1	347.2	12,700*	53.7	351.0	13,500*	200
205	48.0	334.9	10,700*	49.1	338.4	11,600*	50.8	343.1	12,300*	52.4	347.2	13,000*	205
210	46.6	330.1	10,200*	47.8	333.8	11,200*	49.5	338.8	11,900*	51.1	343.1	12,600*	210
215	45.1	325.1	9,800*	46.3	329.0	10,800*	48.1	334.3	11,500*	49.8	338.8	12,200*	215
220	43.7	319.9	9,400*	44.9	324.0	10,500*	46.7	329.5	11,200*	48.4	334.3	11,800*	220
225	42.2	314.3	9,000*	43.4	318.7	10,200*	45.3	324.5	10,800*	47.0	329.6	11,400*	225
230	40.6	308.4	8,600*	41.9	313.1	9,900*	43.8	319.3	10,500*	45.6	324.7	11,100*	230
235	39.0	302.2	8,300*	40.3	307.1	9,600*	42.3	313.8	10,200*	44.2	319.5	10,800*	235
240	37.3	295.6	7,900*	38.7	300.9	9,300*	40.7	307.9	9,900*	42.7	314.1	10,400*	240
245	35.6	288.6	7,600*	37.0	294.2	9,000*	39.1	301.7	9,600*	41.1	308.3	10,100*	245
250	33.7	281.1	7,300*	35.3	287.1	8,800*	37.4	295.2	9,300*	39.5	302.2	9,800*	250
255	31.8	273.1	7,000*	33.4	279.5	8,400*	35.7	288.2	9,000*	37.9	295.7	9,600*	255
260	29.8	264.4	6,800*	31.5	271.4	8,100*	33.9	280.8	8,800*	36.1	288.9	9,300*	260
265	27.6	254.9	6,500*	29.4	262.6	7,800*	32.0	272.8	8,600*	34.3	281.5	9,000*	265
270	25.2	244.4	6,300*	27.2	252.9	7,400*	30.0	264.1	8,000*	32.4	273.7	8,700*	270
275	22.7	232.6	6,100*	24.8	242.2	6,900*	27.8	254.7	7,500*	30.4	265.2	8,100*	275
280	19.7	219.0	5,900*	22.2	230.2	6,500*	25.4	244.3	7,000*	28.3	256.0	7,600*	280
285	16.3	202.7	5,400*	19.2	216.3	6,000*	22.9	232.6	6,600*	26.0	245.8	7,100*	285
290	11.8	181.3	4,300*	15.6	199.4	5,600*	20.0	219.3	6,100*	23.5	234.5	6,700*	290
295				10.9	176.5	4,400*	16.6	203.3	5,700*	20.7	221.6	6,200*	295
300							12.2	182.4	5,200*	17.5	206.4	5,800*	300
305										13.4	187.0	5,300*	305
310										7.2	156.7	4,500*	310



Liftcrane Fixed Jib Capacities

999 SERIES 3

**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**

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	11,100*	225
230	31.4	256.6	8,200*	33.2	263.1	9,700*	35.7	271.8	10,300*	38.1	279.2	11,000*	230
235	29.0	247.7	7,900*	31.0	254.9	9,300*	33.7	264.3	10,000*	36.2	272.4	10,600*	235
240	26.6	237.9	7,500*	28.6	245.9	8,800*	31.5	256.3	9,700*	34.2	265.1	10,300*	240
245	23.8	226.9	7,200*	26.1	235.9	8,400*	29.2	247.5	9,300*	32.1	257.2	9,900*	245
250	20.7	214.2	6,900*	23.3	224.6	8,100*	26.8	237.8	9,000*	29.8	248.6	9,600*	250
255	17.1	198.9	6,700*	20.2	211.6	7,700*	24.0	226.9	8,800*	27.4	239.1	9,300*	255
260	12.4	178.7	6,500*	16.4	195.7	7,400*	21.0	214.3	8,500*	24.7	228.5	9,000*	260
265	2.7	136.5	6,500*	11.4	174.2	7,200*	17.4	199.3	8,200*	21.8	216.5	8,700*	265
270							12.8	179.7	8,000*	18.3	202.1	8,500*	270
275							4.6	143.9	7,800*	14.1	184.0	8,200*	275
280										7.5	155.7	8,000*	280

Liftcrane Fixed Jib Capacities

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

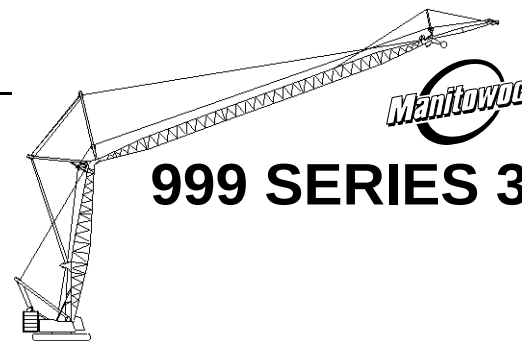
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	11,200*	220
225	36.7	282.4	8,800*	38.3	287.7	9,600*	40.4	294.8	10,300*	42.5	301.0	11,000*	225
230	34.8	275.3	8,400*	36.4	281.0	9,300*	38.7	288.6	9,900*	40.8	295.2	10,600*	230
235	32.8	267.6	8,000*	34.5	273.7	9,000*	36.9	282.0	9,600*	39.1	289.1	10,200*	235
240	30.7	259.3	7,700*	32.5	266.0	8,700*	35.0	274.9	9,300*	37.3	282.5	9,900*	240
245	28.5	250.2	7,300*	30.4	257.6	8,400*	33.0	267.2	9,000*	35.5	275.6	9,600*	245
250	26.0	240.2	7,000*	28.1	248.3	8,200*	30.9	259.0	8,700*	33.5	268.1	9,200*	250
255	23.3	228.9	6,800*	25.6	238.1	7,900*	28.7	250.0	8,400*	31.4	260.0	8,900*	255
260	20.3	215.9	6,500*	22.9	226.6	7,600*	26.2	240.0	8,200*	29.2	251.2	8,700*	260
265	16.7	200.3	6,300*	19.8	213.3	7,300*	23.6	228.9	7,900*	26.8	241.5	8,400*	265
270	12.1	179.7	6,200*	16.1	197.1	7,000*	20.6	216.1	7,700*	24.2	230.6	8,100*	270
275	2.6	136.6	5,200*	11.2	175.2	6,800*	17.0	200.7	7,500*	21.3	218.3	7,900*	275
280							12.6	180.8	7,200*	18.0	203.7	7,700*	280
285							4.5	144.2	6,400*	13.8	185.2	7,400*	285
290										7.4	156.3	7,200*	290



Liftcrane Fixed Jib Capacities

**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	11,300*	215
220	41.2	304.9	9,300*	42.5	309.4	10,500*	44.4	315.4	11,200*	46.3	320.7	11,200*	220
225	39.5	298.9	8,900*	40.9	303.6	10,200*	42.9	310.1	10,900*	44.8	315.6	11,100*	225
230	37.8	292.4	8,500*	39.2	297.5	9,900*	41.3	304.4	10,500*	43.3	310.3	10,900*	230
235	36.0	285.6	8,100*	37.5	291.1	9,500*	39.6	298.4	10,200*	41.7	304.7	10,800*	235
240	34.2	278.3	7,800*	35.7	284.1	9,200*	37.9	292.0	9,900*	40.0	298.8	10,500*	240
245	32.2	270.4	7,400*	33.8	276.8	8,800*	36.2	285.2	9,500*	38.4	292.5	10,100*	245
250	30.1	261.9	7,100*	31.9	268.8	8,400*	34.3	277.9	9,200*	36.6	285.8	9,800*	250
255	27.9	252.6	6,800*	29.8	260.2	8,100*	32.4	270.1	9,000*	34.8	278.7	9,500*	255
260	25.5	242.4	6,600*	27.5	250.7	7,700*	30.3	261.7	8,700*	32.8	271.0	9,200*	260
265	22.9	230.9	6,300*	25.1	240.3	7,400*	28.1	252.4	8,400*	30.8	262.7	8,900*	265
270	19.9	217.6	6,100*	22.4	228.5	7,100*	25.7	242.3	8,200*	28.6	253.7	8,700*	270
275	16.4	201.7	6,000*	19.4	214.9	6,900*	23.1	230.9	8,000*	26.3	243.8	8,400*	275
280	11.9	180.7	5,800*	15.7	198.4	6,600*	20.2	217.8	7,700*	23.8	232.7	8,200*	280
285	2.6	136.8	4,000*	10.9	176.1	6,200*	16.7	202.2	7,500*	20.9	220.1	8,000*	285
290							12.3	181.8	7,000*	17.6	205.2	7,700*	290
295							4.4	144.5	5,300*	13.5	186.3	7,300*	295
300										7.2	156.9	6,300*	300

Liftcrane Fixed Jib Capacities

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

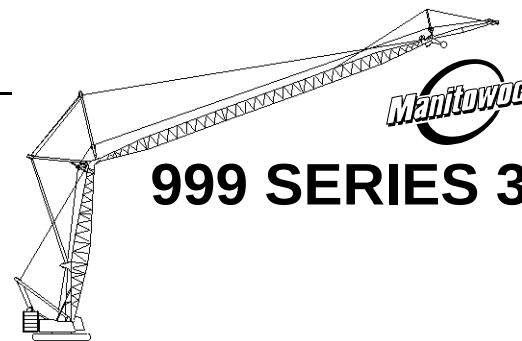
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	11,500*	210
215	44.9	325.2	9,600*	46.1	329.1	10,600*	47.9	334.4	11,200*	49.6	338.9	11,300*	215
220	43.4	320.0	9,300*	44.7	324.1	10,200*	46.5	329.6	10,900*	48.2	334.4	11,200*	220
225	41.9	314.4	8,900*	43.2	318.8	9,900*	45.0	324.7	10,600*	46.8	329.8	11,100*	225
230	40.4	308.6	8,500*	41.7	313.2	9,600*	43.6	319.4	10,200*	45.4	324.8	10,800*	230
235	38.8	302.3	8,200*	40.1	307.3	9,300*	42.1	313.9	9,900*	43.9	319.6	10,500*	235
240	37.1	295.8	7,800*	38.5	301.0	9,000*	40.5	308.0	9,600*	42.4	314.2	10,100*	240
245	35.3	288.8	7,500*	36.8	294.3	8,700*	38.9	301.9	9,300*	40.9	308.4	9,800*	245
250	33.5	281.3	7,200*	35.0	287.3	8,400*	37.2	295.3	9,000*	39.3	302.3	9,500*	250
255	31.6	273.2	6,900*	33.2	279.7	8,200*	35.5	288.4	8,700*	37.6	295.9	9,200*	255
260	29.6	264.5	6,600*	31.3	271.5	7,800*	33.7	280.9	8,400*	35.9	289.0	8,900*	260
265	27.4	255.0	6,400*	29.2	262.7	7,500*	31.8	272.9	8,200*	34.1	281.7	8,700*	265
270	25.0	244.6	6,100*	27.0	253.1	7,200*	29.7	264.3	7,900*	32.2	273.8	8,400*	270
275	22.5	232.8	5,900*	24.6	242.4	6,900*	27.6	254.9	7,700*	30.2	265.4	8,200*	275
280	19.5	219.3	5,800*	22.0	230.4	6,700*	25.2	244.5	7,500*	28.1	256.1	7,900*	280
285	16.1	203.0	5,600*	19.0	216.5	6,500*	22.7	232.8	7,100*	25.8	246.0	7,700*	285
290			4,800*	15.4	199.7	6,000*	19.8	219.5	6,700*	23.3	234.7	7,200*	290
295				10.7	176.9	4,900*	16.4	203.5	6,200*	20.5	221.8	6,700*	295
300							12.1	182.8	5,700*	17.3	206.6	6,300*	300
305							4.3	144.8	4,000*	13.2	187.4	5,900*	305
310										7.1	157.4	5,000*	310



Liftcrane Fixed Jib Capacities

**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	11,600*	205
210	48.2	344.0	9,700*	49.3	347.5	10,400*	50.9	352.1	11,100*	52.5	356.1	11,400*	210
215	46.9	339.3	9,600*	48.0	343.0	10,000*	49.6	347.8	10,700*	51.2	352.0	11,200*	215
220	45.5	334.4	9,300*	46.7	338.2	9,700*	48.3	343.4	10,300*	49.9	347.8	11,000*	220
225	44.1	329.3	8,900*	45.3	333.3	9,400*	47.0	338.7	10,000*	48.6	343.4	10,600*	225
230	42.7	323.8	8,500*	43.9	328.1	9,100*	45.6	333.8	9,700*	47.3	338.8	10,300*	230
235	41.2	318.1	8,200*	42.4	322.6	8,800*	44.2	328.7	9,300*	45.9	334.0	9,900*	235
240	39.6	312.1	7,800*	40.9	316.9	8,500*	42.8	323.3	9,000*	44.6	328.9	9,600*	240
245	38.1	305.8	7,500*	39.4	310.8	8,200*	41.3	317.6	8,800*	43.1	323.6	9,300*	245
250	36.4	299.0	7,200*	37.8	304.4	8,000*	39.8	311.6	8,500*	41.7	318.0	9,000*	250
255	34.7	291.8	6,900*	36.1	297.6	7,700*	38.2	305.3	8,200*	40.1	312.0	8,700*	255
260	32.9	284.2	6,700*	34.4	290.3	7,500*	36.6	298.6	8,000*	38.6	305.8	8,400*	260
265	31.0	276.0	6,400*	32.6	282.6	7,300*	34.8	291.5	7,700*	37.0	299.2	8,200*	265
270	29.0	267.1	6,200*	30.7	274.3	7,000*	33.1	283.8	7,500*	35.3	292.2	7,900*	270
275	26.9	257.4	6,000*	28.7	265.2	6,800*	31.2	275.7	7,300*	33.5	284.7	7,700*	275
280	24.6	246.7	5,800*	26.5	255.4	6,500*	29.2	266.8	7,100*	31.6	276.6	7,500*	280
285	22.0	234.7	5,600*	24.2	244.5	6,100*	27.1	257.2	6,600*	29.7	268.0	7,200*	285
290	19.2	220.9	5,300*	21.6	232.3	5,600*	24.8	246.6	6,200*	27.6	258.6	6,700*	290
295		204.4	4,600*	18.7	218.1	5,200*	22.3	234.8	5,700*	25.4	248.2	6,200*	295
300				15.2	201.0	4,700*	19.4	221.2	5,300*	22.9	236.7	5,800*	300
305							16.1	204.9	4,900*	20.2	223.6	5,400*	305
310							11.9	183.8	4,400*	17.0	208.1	5,000*	310
315										13.0	188.5	4,600*	315

Liftcrane Fixed Jib Capacities

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

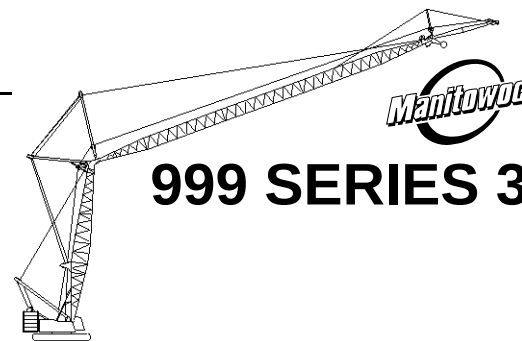
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	38,100*				115
120	58.7	340.1	24,100*	60.5	343.1	29,100*	63.2	346.7	36,700*	65.8	349.4	37,700*	120
125	57.0	336.9	22,800*	58.9	340.1	27,700*	61.6	344.0	35,200*	64.3	347.0	37,700*	125
130	55.3	333.4	21,600*	57.2	336.9	26,200*	60.0	341.2	33,700*	62.7	344.4	35,800	130
135	53.6	329.8	20,400*	55.5	333.5	24,800*	58.3	338.1	32,100*	61.1	341.7	33,900	135
140	51.8	325.9	19,300*	53.8	329.8	23,500*	56.7	334.8	30,600*	59.4	338.8	32,200	140
145	49.9	321.7	18,200*	52.0	326.0	22,300*	54.9	331.4	29,100*	57.8	335.6	30,600	145
150	48.0	317.3	17,200*	50.1	321.8	21,100*	53.2	327.7	27,700*	56.1	332.3	29,100	150
155	46.1	312.5	16,300*	48.3	317.4	20,000*	51.4	323.7	26,300*	54.3	328.7	27,700	155
160	44.1	307.4	15,500*	46.3	312.7	18,900*	49.5	319.5	24,900*	52.6	325.0	26,400	160
165	42.0	302.0	14,700*	44.3	307.7	17,900*	47.6	315.0	23,600*	50.7	320.9	25,200	165
170	39.8	296.1	13,900*	42.2	302.2	16,900*	45.7	310.1	22,300*	48.9	316.6	24,100	170
175	37.5	289.7	13,200*	40.0	296.4	16,000*	43.6	305.0	21,200*	46.9	312.0	23,000	175
180	35.1	282.7	12,600*	37.8	290.0	15,200*	41.5	299.4	20,000*	45.0	307.0	22,000	180
185	32.5	275.0	12,000*	35.4	283.2	14,500*	39.3	293.4	18,900*	42.9	301.7	21,000	185
190	29.7	266.5	11,500*	32.8	275.6	13,800*	37.0	286.9	17,900*	40.8	296.0	20,100	190
195	26.7	257.0	11,100*	30.0	267.2	13,100*	34.5	279.8	17,000*	38.5	289.8	19,200	195
200	23.2	245.9	10,700*	27.0	257.8	12,500*	31.9	272.0	16,200*	36.1	283.1	18,400	200
205	19.2	232.6	10,300*	23.6	246.9	12,000*	29.1	263.3	15,400*	33.6	275.8	17,700	205
210	14.1	215.2	10,100*	19.7	233.9	11,600*	25.9	253.4	14,600*	30.9	267.7	16,900	210
215	4.9	183.2	10,100*	14.8	217.2	11,300*	22.4	241.9	14,000*	28.0	258.6	16,200	215
220				6.7	189.2	11,200*	18.2	227.9	13,400*	24.8	248.3	15,500	220
225							12.7	209.1	13,000*	21.0	236.1	14,900	225
230										16.5	220.8	14,300	230
235										10.1	198.6	13,600	235



Liftcrane Fixed Jib Capacities

**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	35,000*				120
125	58.8	348.7	22,300*	60.5	351.7	26,900*	63.1	355.4	33,800*	65.6	358.1	34,600*	125
130	57.2	345.5	21,100*	58.9	348.7	25,600*	61.5	352.7	32,500*	64.1	355.7	34,600*	130
135	55.5	342.1	20,100*	57.4	345.6	24,400*	60.0	349.8	31,100*	62.5	353.1	33,400	135
140	53.9	338.5	19,000*	55.7	342.2	23,200*	58.4	346.8	29,800*	61.0	350.4	31,700	140
145	52.2	334.7	18,000*	54.1	338.6	22,000*	56.8	343.5	28,500*	59.5	347.4	30,100	145
150	50.4	330.6	17,100*	52.4	334.8	20,900*	55.2	340.1	27,200*	57.9	344.3	28,600	150
155	48.7	326.2	16,200*	50.6	330.7	19,800*	53.5	336.4	25,900*	56.2	341.0	27,200	155
160	46.8	321.6	15,400*	48.9	326.4	18,800*	51.8	332.5	24,600*	54.6	337.5	25,900	160
165	44.9	316.7	14,600*	47.0	321.8	17,800*	50.1	328.4	23,500*	52.9	333.7	24,700	165
170	43.0	311.4	13,900*	45.1	316.9	16,900*	48.3	324.0	22,300*	51.2	329.8	23,500	170
175	40.9	305.7	13,200*	43.2	311.6	16,100*	46.4	319.3	21,200*	49.4	325.5	22,500	175
180	38.8	299.6	12,600*	41.2	306.0	15,300*	44.5	314.2	20,100*	47.6	321.0	21,500	180
185	36.6	292.9	12,000*	39.0	299.9	14,500*	42.5	308.9	19,100*	45.8	316.2	20,500	185
190	34.2	285.8	11,400*	36.8	293.4	13,800*	40.5	303.1	18,100*	43.8	311.1	19,600	190
195	31.7	277.9	11,000*	34.5	286.2	13,200*	38.3	296.9	17,200*	41.8	305.5	18,800	195
200	29.0	269.1	10,500*	32.0	278.4	12,600*	36.1	290.1	16,300*	39.7	299.6	18,000	200
205	26.0	259.3	10,100*	29.3	269.8	12,000*	33.7	282.8	15,500*	37.5	293.2	17,200	205
210	22.6	247.9	9,800*	26.4	260.1	11,500*	31.1	274.7	14,800*	35.2	286.3	16,400	210
215	18.7	234.2	9,500*	23.1	248.9	11,100*	28.3	265.8	14,100*	32.8	278.7	15,700	215
220	13.7	216.4	9,400*	19.2	235.6	10,700*	25.3	255.6	13,500*	30.2	270.4	15,100	220
225	4.8	183.6	9,400*	14.4	218.4	10,500*	21.8	243.8	12,900*	27.3	261.0	14,400	225
230				6.5	189.7	10,300*	17.8	229.5	12,500*	24.2	250.4	13,800	230
235							12.4	210.1	12,100*	20.5	237.9	13,200	235
240										16.1	222.2	12,600	240
245										9.8	199.4	12,100	245

Liftcrane Fixed Jib Capacities

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

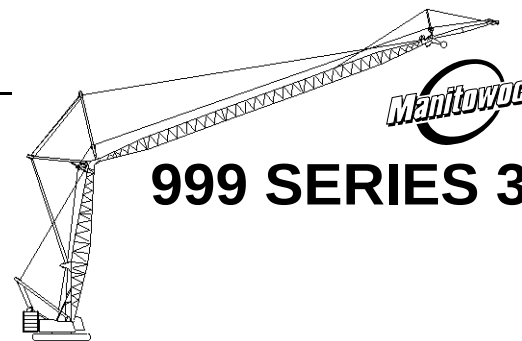
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	32,200*	66.7	369.1	31,800*	125
130	58.8	357.4	20,700*	60.5	360.4	25,000*	62.9	364.0	31,300*	65.3	366.8	31,800*	130
135	57.3	354.2	19,600*	59.0	357.4	23,800*	61.5	361.3	30,100*	63.9	364.4	31,800*	135
140	55.7	350.8	18,700*	57.5	354.2	22,700*	60.0	358.5	28,900*	62.4	361.8	31,400	140
145	54.2	347.3	17,800*	55.9	350.9	21,600*	58.5	355.4	27,700*	61.0	359.0	29,800	145
150	52.5	343.5	16,900*	54.3	347.3	20,600*	57.0	352.2	26,600*	59.5	356.1	28,300	150
155	50.9	339.4	16,000*	52.7	343.5	19,600*	55.4	348.8	25,400*	58.0	353.0	26,900	155
160	49.2	335.2	15,300*	51.1	339.6	18,600*	53.8	345.2	24,300*	56.4	349.7	25,600	160
165	47.5	330.6	14,500*	49.4	335.3	17,700*	52.2	341.3	23,200*	54.9	346.2	24,400	165
170	45.7	325.8	13,800*	47.7	330.8	16,900*	50.5	337.2	22,100*	53.3	342.5	23,300	170
175	43.8	320.7	13,100*	45.9	326.0	16,000*	48.8	332.9	21,000*	51.6	338.6	22,200	175
180	41.9	315.2	12,500*	44.1	320.9	15,300*	47.1	328.3	20,000*	49.9	334.4	21,200	180
185	39.9	309.3	11,900*	42.1	315.5	14,500*	45.3	323.4	19,100*	48.2	330.0	20,300	185
190	37.9	303.0	11,400*	40.2	309.6	13,800*	43.4	318.2	18,200*	46.5	325.3	19,400	190
195	35.7	296.2	10,900*	38.1	303.4	13,200*	41.5	312.6	17,300*	44.6	320.3	18,500	195
200	33.4	288.7	10,400*	35.9	296.6	12,600*	39.5	306.7	16,400*	42.8	315.0	17,700	200
205	30.9	280.6	10,000*	33.7	289.2	12,000*	37.4	300.2	15,700*	40.8	309.3	16,900	205
210	28.3	271.6	9,600*	31.2	281.2	11,500*	35.2	293.3	14,900*	38.8	303.1	16,200	210
215	25.4	261.5	9,300*	28.6	272.3	11,000*	32.9	285.7	14,300*	36.6	296.5	15,500	215
220	22.1	249.8	9,000*	25.7	262.3	10,600*	30.4	277.4	13,600*	34.4	289.4	14,800	220
225	18.3	235.8	8,800*	22.5	250.9	10,300*	27.7	268.2	13,000*	32.0	281.6	14,200	225
230	13.4	217.5	8,700*	18.8	237.2	10,000*	24.7	257.8	12,500*	29.5	273.0	13,600	230
235	4.7	184.0	7,900*	14.1	219.6	9,800*	21.3	245.7	12,000*	26.7	263.4	13,000	235
240				6.4	190.2	8,800*	17.3	231.0	11,600*	23.6	252.4	12,400	240
245							12.1	211.1	11,000*	20.0	239.6	11,900	245
250										15.7	223.5	11,400	250
255										9.6	200.2	10,800	255



Liftcrane Fixed Jib Capacities

**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**

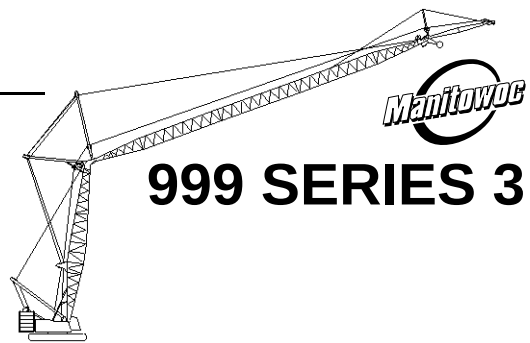
160 Ft. Boom, 200 Ft. Luffing Jib, 30 Ft. Fixed Jib

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	29,600*	66.4	377.8	29,100*	130
135	58.9	366.1	19,100*	60.5	369.0	23,100*	62.8	372.7	28,800*	65.1	375.5	29,100*	135
140	57.4	362.9	18,200*	59.0	366.1	22,100*	61.4	370.0	27,800*	63.7	373.0	29,100*	140
145	55.9	359.6	17,400*	57.6	362.9	21,100*	60.0	367.1	26,800*	62.3	370.4	29,100*	145
150	54.4	356.0	16,500*	56.1	359.6	20,200*	58.6	364.1	25,800*	60.9	367.7	27,800*	150
155	52.9	352.3	15,700*	54.6	356.0	19,200*	57.1	360.9	24,700*	59.5	364.8	26,400*	155
160	51.3	348.3	15,000*	53.1	352.3	18,300*	55.6	357.5	23,700*	58.1	361.7	25,100*	160
165	49.7	344.1	14,300*	51.5	348.4	17,500*	54.1	353.9	22,700*	56.6	358.4	23,900*	165
170	48.1	339.6	13,600*	49.9	344.2	16,600*	52.5	350.1	21,700*	55.1	354.9	22,800*	170
175	46.4	334.9	13,000*	48.3	339.8	15,900*	51.0	346.1	20,700*	53.6	351.3	21,700*	175
180	44.6	329.9	12,400*	46.6	335.1	15,100*	49.3	341.8	19,800*	52.0	347.4	20,700*	180
185	42.8	324.6	11,800*	44.8	330.1	14,400*	47.7	337.3	18,900*	50.4	343.3	19,800*	185
190	41.0	318.9	11,300*	43.0	324.8	13,800*	46.0	332.6	18,100*	48.8	339.0	18,900*	190
195	39.0	312.8	10,800*	41.2	319.2	13,200*	44.2	327.5	17,300*	47.1	334.4	18,000*	195
200	37.0	306.3	10,300*	39.3	313.2	12,600*	42.4	322.1	16,500*	45.4	329.5	17,200*	200
205	34.9	299.3	9,900*	37.2	306.7	12,000*	40.5	316.3	15,700*	43.6	324.3	16,500*	205
210	32.6	291.6	9,500*	35.1	299.7	11,500*	38.6	310.1	15,000*	41.8	318.8	15,700*	210
215	30.2	283.3	9,100*	32.9	292.2	11,000*	36.5	303.5	14,300*	39.9	312.9	15,000*	215
220	27.6	274.0	8,800*	30.5	283.9	10,500*	34.4	296.4	13,700*	37.9	306.6	14,400*	220
225	24.8	263.7	8,500*	28.0	274.8	10,100*	32.1	288.6	13,100*	35.8	299.8	13,700*	225
230	21.6	251.7	8,300*	25.1	264.5	9,800*	29.7	280.0	12,500*	33.6	292.4	13,100*	230
235	17.9	237.3	8,100*	22.0	252.8	9,500*	27.0	270.6	12,000*	31.3	284.4	12,600*	235
240	13.1	218.6	8,100*	18.3	238.8	9,200*	24.1	259.9	11,600*	28.8	275.5	12,000*	240
245	4.6	184.3	6,300*	13.7	220.7	9,100*	20.8	247.5	11,200*	26.1	265.7	11,500*	245
250				6.2	190.7	7,100*	16.9	232.4	10,600*	23.1	254.5	10,900*	250
255							11.8	212.1	9,200*	19.6	241.3	10,300*	255
260										15.4	224.9	9,800*	260
265										9.3	200.9	9,100*	265

Liftcrane Fixed Jib Capacities

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

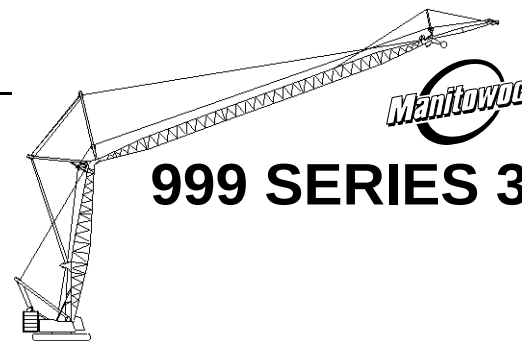
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	27,100*	66.2	386.5	26,600*	135
140	58.9	374.7	17,800*	60.5	377.7	21,500*	62.7	381.4	26,600*	64.9	384.2	26,600*	140
145	57.5	371.6	17,000*	59.1	374.7	20,600*	61.4	378.7	25,700*	63.6	381.7	26,600*	145
150	56.1	368.2	16,200*	57.7	371.6	19,700*	60.0	375.8	24,800*	62.2	379.1	26,500*	150
155	54.7	364.7	15,500*	56.3	368.3	18,800*	58.6	372.8	23,900*	60.9	376.3	26,000	155
160	53.2	361.0	14,700*	54.8	364.8	18,000*	57.2	369.6	23,000*	59.5	373.4	24,700	160
165	51.7	357.1	14,100*	53.4	361.1	17,200*	55.8	366.2	22,100*	58.1	370.3	23,500	165
170	50.2	353.0	13,400*	51.9	357.2	16,400*	54.3	362.6	21,200*	56.7	367.1	22,400	170
175	48.6	348.6	12,800*	50.3	353.1	15,700*	52.9	358.9	20,300*	55.3	363.6	21,300	175
180	47.0	344.0	12,200*	48.8	348.7	15,000*	51.4	354.9	19,500*	53.8	360.0	20,300	180
185	45.3	339.1	11,700*	47.2	344.2	14,300*	49.8	350.7	18,700*	52.3	356.2	19,400	185
190	43.6	333.9	11,200*	45.5	339.3	13,700*	48.2	346.3	17,900*	50.8	352.1	18,500	190
195	41.9	328.4	10,700*	43.8	334.2	13,100*	46.6	341.6	17,100*	49.3	347.9	17,600	195
200	40.1	322.5	10,200*	42.1	328.7	12,500*	45.0	336.7	16,400*	47.7	343.4	16,800	200
205	38.2	316.3	9,800*	40.3	322.9	12,000*	43.3	331.4	15,700*	46.1	338.6	16,100	205
210	36.2	309.6	9,400*	38.4	316.7	11,500*	41.5	325.9	15,000*	44.4	333.6	15,300	210
215	34.1	302.3	9,000*	36.4	310.0	11,000*	39.7	319.9	14,300*	42.7	328.2	14,600	215
220	31.9	294.5	8,700*	34.4	302.8	10,500*	37.7	313.6	13,700*	40.9	322.5	14,000	220
225	29.6	285.9	8,400*	32.2	295.1	10,100*	35.7	306.7	13,100*	39.0	316.4	13,400	225
230	27.1	276.4	8,100*	29.9	286.6	9,700*	33.6	299.4	12,500*	37.1	309.9	12,800	230
235	24.3	265.8	7,900*	27.4	277.2	9,400*	31.4	291.4	12,000*	35.0	302.9	12,200	235
240	21.1	253.5	7,700*	24.6	266.7	9,100*	29.0	282.6	11,300*	32.9	295.3	11,600*	240
245	17.5	238.8	7,500*	21.5	254.7	8,800*	26.5	272.9	10,700*	30.6	287.1	11,000*	245
250	12.8	219.7	7,100*	17.9	240.3	8,600*	23.6	261.9	10,100*	28.2	278.0	10,400*	250
255		184.7	4,900*	13.4	221.9	7,600*	20.4	249.3	9,600*	25.5	267.9	9,800*	255
260				6.1	191.2	5,700*	16.6	233.8	9,000*	22.6	256.4	9,300*	260
265							11.5	213.1	7,600*	19.2	242.9	8,700*	265
270										15.0	226.1	8,200*	270
275										9.1	201.7	7,500*	275



Liftcrane Fixed Jib Capacities

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	33,400*	125
130	57.6	345.4	20,700*	59.4	348.6	25,100*	62.0	352.6	30,800*	64.5	355.6	33,400*	130
135	56.0	342.0	19,600*	57.8	345.4	23,900*	60.4	349.7	29,500*	63.0	353.0	32,200*	135
140	54.3	338.4	18,600*	56.2	342.1	22,600*	58.9	346.7	28,300*	61.4	350.2	30,900*	140
145	52.6	334.6	17,600*	54.5	338.5	21,500*	57.2	343.4	27,200*	59.9	347.3	29,700*	145
150	50.9	330.5	16,600*	52.8	334.6	20,300*	55.6	340.0	26,200*	58.3	344.2	28,600*	150
155	49.1	326.1	15,700*	51.1	330.6	19,300*	53.9	336.3	25,200*	56.7	340.9	27,500*	155
160	47.2	321.5	14,900*	49.3	326.3	18,200*	52.2	332.4	24,100*	55.0	337.4	26,500*	160
165	45.3	316.5	14,100*	47.5	321.6	17,300*	50.5	328.2	22,900*	53.3	333.6	25,300*	165
170	43.4	311.2	13,400*	45.6	316.7	16,400*	48.7	323.8	21,700*	51.6	329.6	24,200*	170
175	41.3	305.5	12,700*	43.6	311.5	15,500*	46.8	319.1	20,500*	49.9	325.4	23,100*	175
180	39.2	299.4	12,000*	41.6	305.8	14,700*	44.9	314.1	19,500*	48.0	320.9	22,100*	180
185	37.0	292.8	11,500*	39.5	299.8	13,900*	42.9	308.7	18,400*	46.2	316.1	21,100*	185
190	34.6	285.6	10,900*	37.2	293.2	13,200*	40.9	302.9	17,400*	44.2	310.9	20,200*	190
195	32.1	277.7	10,400*	34.9	286.1	12,500*	38.7	296.7	16,500*	42.2	305.4	19,400*	195
200	29.4	268.9	10,000*	32.4	278.2	11,900*	36.5	290.0	15,600*	40.1	299.5	18,600*	200
205	26.4	259.0	9,500*	29.7	269.6	11,400*	34.1	282.6	14,800*	38.0	293.1	17,800*	205
210	23.0	247.6	9,200*	26.7	259.9	10,900*	31.5	274.5	14,100*	35.7	286.1	17,100*	210
215	19.1	233.9	8,900*	23.4	248.7	10,400*	28.7	265.5	13,400*	33.2	278.5	16,300*	215
220	14.1	215.9	8,700*	19.6	235.3	10,000*	25.7	255.4	12,700*	30.6	270.2	15,700*	220
225		182.2	8,700*	14.7	218.0	9,700*	22.2	243.5	12,100*	27.7	260.8	15,000*	225
230				6.7	188.7	9,600*	18.1	229.1	11,600*	24.5	250.1	14,400*	230
235							12.7	209.6	11,200*	20.9	237.6	13,800*	235
240										16.4	221.8	13,200*	240
245										10.1	198.8	12,600*	245

Liftcrane Fixed Jib Capacities

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	30,800*	130
135	57.7	354.1	19,300*	59.4	357.3	23,400*	61.9	361.2	28,200*	64.3	364.3	30,700*	135
140	56.2	350.7	18,300*	57.9	354.1	22,200*	60.4	358.4	27,100*	62.9	361.7	29,500*	140
145	54.6	347.1	17,300*	56.3	350.8	21,100*	58.9	355.3	26,100*	61.4	358.9	28,400*	145
150	53.0	343.3	16,500*	54.8	347.2	20,100*	57.4	352.1	25,100*	59.9	356.0	27,300*	150
155	51.3	339.3	15,600*	53.1	343.4	19,100*	55.8	348.7	24,100*	58.4	352.9	26,300*	155
160	49.6	335.0	14,800*	51.5	339.4	18,100*	54.2	345.0	23,300*	56.8	349.6	25,300*	160
165	47.9	330.5	14,100*	49.8	335.2	17,200*	52.6	341.2	22,400*	55.3	346.1	24,400*	165
170	46.1	325.7	13,300*	48.1	330.7	16,300*	50.9	337.1	21,500*	53.7	342.4	23,500*	170
175	44.2	320.5	12,700*	46.3	325.9	15,500*	49.2	332.8	20,500*	52.0	338.4	22,600	175
180	42.3	315.0	12,000*	44.5	320.8	14,700*	47.5	328.2	19,500*	50.4	334.3	21,600	180
185	40.3	309.1	11,400*	42.6	315.3	14,000*	45.7	323.3	18,500*	48.6	329.9	20,600	185
190	38.3	302.8	10,900*	40.6	309.5	13,300*	43.8	318.1	17,600*	46.9	325.2	19,700	190
195	36.1	296.0	10,400*	38.5	303.2	12,600*	41.9	312.5	16,700*	45.0	320.2	18,900	195
200	33.8	288.6	9,900*	36.3	296.4	12,000*	39.9	306.5	15,800*	43.2	314.8	18,100	200
205	31.3	280.4	9,500*	34.1	289.1	11,400*	37.8	300.1	15,000*	41.2	309.1	17,300	205
210	28.7	271.4	9,100*	31.6	281.0	10,900*	35.6	293.1	14,300*	39.2	303.0	16,600	210
215	25.8	261.2	8,800*	29.0	272.1	10,400*	33.3	285.5	13,600*	37.0	296.4	15,900	215
220	22.5	249.5	8,500*	26.1	262.1	10,000*	30.8	277.2	12,900*	34.8	289.2	15,200	220
225	18.6	235.5	8,300*	22.9	250.6	9,600*	28.1	268.0	12,300*	32.4	281.4	14,600	225
230	13.7	217.1	8,100*	19.1	236.9	9,300*	25.1	257.5	11,800*	29.8	272.8	14,000	230
235	4.7	182.5	8,100*	14.4	219.2	9,100*	21.7	245.4	11,300*	27.1	263.2	13,400	235
240				6.6	189.2	9,000*	17.7	230.6	10,900*	24.0	252.2	12,800	240
245							12.4	210.6	10,500*	20.4	239.3	12,300	245
250										16.0	223.2	11,700	250
255										9.8	199.5	11,200	255



Liftcrane Fixed Jib Capacities

**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	28,400*	130
135	59.3	366.0	18,800*	60.9	368.9	22,800*	63.2	372.6	28,500*	65.5	375.4	28,400*	135
140	57.8	362.8	17,900*	59.4	365.9	21,700*	61.8	369.9	27,500*	64.1	372.9	28,400*	140
145	56.3	359.4	17,100*	58.0	362.8	20,700*	60.4	367.0	26,400*	62.7	370.3	28,300*	145
150	54.8	355.9	16,200*	56.5	359.5	19,800*	59.0	364.0	25,400*	61.3	367.6	28,200*	150
155	53.3	352.1	15,400*	55.0	355.9	18,800*	57.5	360.8	24,300*	59.9	364.6	27,100	155
160	51.7	348.2	14,700*	53.5	352.2	17,900*	56.0	357.4	23,300*	58.4	361.5	25,800	160
165	50.1	344.0	14,000*	51.9	348.2	17,100*	54.5	353.8	22,300*	57.0	358.3	24,600	165
170	48.4	339.5	13,300*	50.3	344.1	16,200*	52.9	350.0	21,300*	55.5	354.8	23,400	170
175	46.8	334.8	12,600*	48.6	339.7	15,500*	51.4	346.0	20,300*	53.9	351.1	22,300	175
180	45.0	329.8	12,000*	47.0	335.0	14,700*	49.7	341.7	19,400*	52.4	347.3	21,300	180
185	43.2	324.4	11,400*	45.2	330.0	14,000*	48.1	337.2	18,500*	50.8	343.2	20,400	185
190	41.3	318.8	10,900*	43.4	324.7	13,300*	46.4	332.4	17,600*	49.2	338.8	19,500	190
195	39.4	312.7	10,400*	41.6	319.1	12,700*	44.6	327.3	16,700*	47.5	334.2	18,600	195
200	37.4	306.1	9,900*	39.6	313.0	12,100*	42.8	321.9	16,000*	45.8	329.3	17,800	200
205	35.3	299.1	9,500*	37.6	306.5	11,500*	40.9	316.2	15,200*	44.0	324.1	17,100	205
210	33.0	291.5	9,100*	35.5	299.6	11,000*	39.0	310.0	14,400*	42.2	318.6	16,300	210
215	30.6	283.1	8,700*	33.3	292.0	10,500*	36.9	303.4	13,700*	40.3	312.7	15,600	215
220	28.0	273.8	8,400*	30.9	283.7	10,100*	34.8	296.2	13,100*	38.3	306.4	15,000	220
225	25.2	263.4	8,100*	28.3	274.6	9,600*	32.5	288.4	12,500*	36.2	299.6	14,300	225
230	22.0	251.4	7,800*	25.5	264.3	9,300*	30.1	279.8	11,900*	34.0	292.2	13,700	230
235	18.2	237.0	7,700*	22.4	252.5	9,000*	27.4	270.4	11,400*	31.7	284.2	13,100	235
240	13.4	218.1	7,600*	18.7	238.4	8,700*	24.5	259.6	11,000*	29.2	275.3	12,600	240
245	4.6	182.8	7,000*	14.0	220.3	8,500*	21.2	247.2	10,500*	26.4	265.4	12,000	245
250				6.4	189.7	7,900*	17.3	232.1	10,200*	23.4	254.2	11,500	250
255							12.1	211.6	9,900*	19.9	241.0	11,000	255
260										15.7	224.5	10,500	260
265										9.6	200.3	9,800*	265

Liftcrane Fixed Jib Capacities

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

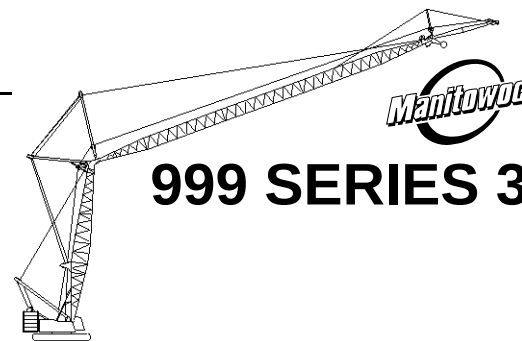
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	26,100*	135
140	59.3	374.6	17,500*	60.8	377.6	21,100*	63.1	381.3	26,300*	65.3	384.1	26,100*	140
145	57.9	371.5	16,700*	59.5	374.6	20,200*	61.7	378.6	25,400*	63.9	381.6	26,100*	145
150	56.5	368.1	15,900*	58.1	371.5	19,300*	60.4	375.7	24,500*	62.6	379.0	26,100*	150
155	55.0	364.6	15,100*	56.6	368.1	18,400*	59.0	372.7	23,600*	61.3	376.2	26,100*	155
160	53.6	360.9	14,400*	55.2	364.6	17,600*	57.6	369.5	22,700*	59.9	373.3	25,300	160
165	52.1	357.0	13,700*	53.7	361.0	16,800*	56.2	366.1	21,800*	58.5	370.2	24,100	165
170	50.5	352.8	13,100*	52.2	357.1	16,000*	54.7	362.5	20,900*	57.1	366.9	22,900	170
175	49.0	348.5	12,500*	50.7	353.0	15,300*	53.2	358.8	20,000*	55.7	363.5	21,800	175
180	47.4	343.8	11,900*	49.2	348.6	14,600*	51.7	354.8	19,100*	54.2	359.9	20,800	180
185	45.7	339.0	11,300*	47.5	344.0	13,900*	50.2	350.6	18,300*	52.7	356.1	19,900	185
190	44.0	333.8	10,800*	45.9	339.2	13,300*	48.6	346.2	17,400*	51.2	352.0	19,000	190
195	42.3	328.3	10,300*	44.2	334.0	12,700*	47.0	341.5	16,700*	49.7	347.7	18,100	195
200	40.4	322.4	9,800*	42.5	328.5	12,100*	45.3	336.5	15,900*	48.1	343.2	17,300	200
205	38.5	316.1	9,400*	40.6	322.7	11,500*	43.6	331.3	15,200*	46.4	338.5	16,600	205
210	36.6	309.4	9,000*	38.8	316.5	11,000*	41.9	325.7	14,500*	44.8	333.4	15,800	210
215	34.5	302.2	8,600*	36.8	309.8	10,500*	40.0	319.8	13,800*	43.0	328.0	15,200	215
220	32.3	294.3	8,300*	34.7	302.6	10,100*	38.1	313.4	13,200*	41.2	322.3	14,500	220
225	29.9	285.7	8,000*	32.5	294.9	9,600*	36.1	306.6	12,600*	39.4	316.2	13,900	225
230	27.4	276.2	7,700*	30.2	286.4	9,200*	34.0	299.2	12,000*	37.4	309.7	13,300	230
235	24.6	265.5	7,400*	27.7	277.0	8,900*	31.8	291.2	11,500*	35.4	302.7	12,700	235
240	21.5	253.2	7,200*	24.9	266.5	8,600*	29.4	282.4	11,000*	33.3	295.1	12,100	240
245	17.8	238.5	7,100*	21.9	254.4	8,300*	26.8	272.7	10,600*	31.0	286.9	11,600	245
250	13.1	219.2	7,000*	18.3	240.0	8,100*	24.0	261.7	10,200*	28.5	277.8	11,000*	250
255	4.5	183.1	5,500*	13.7	221.4	7,900*	20.7	249.0	9,800*	25.9	267.7	10,500*	255
260				6.2	190.1	6,300*	16.9	233.5	9,500*	22.9	256.2	9,900*	260
265							11.8	212.5	8,300*	19.5	242.6	9,400*	265
270										15.3	225.7	8,900*	270
275										9.4	201.0	8,200*	275



Liftcrane Fixed Jib Capacities

**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	24,000*	140
145	59.3	383.3	16,200*	60.8	386.2	19,600*	63.0	389.9	24,200*	65.1	392.8	24,000*	145
150	58.0	380.1	15,500*	59.5	383.3	18,800*	61.7	387.2	23,500*	63.8	390.3	24,000*	150
155	56.6	376.8	14,800*	58.1	380.1	18,000*	60.4	384.3	22,700*	62.5	387.7	24,000*	155
160	55.2	373.3	14,100*	56.8	376.8	17,200*	59.0	381.3	21,900*	61.2	384.9	23,900*	160
165	53.8	369.6	13,500*	55.4	373.4	16,500*	57.7	378.1	21,100*	59.9	382.0	23,100*	165
170	52.4	365.8	12,900*	54.0	369.7	15,800*	56.3	374.8	20,300*	58.6	378.9	22,400*	170
175	50.9	361.7	12,300*	52.6	365.9	15,100*	54.9	371.2	19,500*	57.2	375.6	21,400*	175
180	49.4	357.4	11,800*	51.1	361.8	14,400*	53.5	367.5	18,700*	55.8	372.2	20,400*	180
185	47.9	352.9	11,200*	49.6	357.5	13,800*	52.1	363.6	18,000*	54.5	368.6	19,500*	185
190	46.3	348.1	10,700*	48.1	353.0	13,100*	50.6	359.5	17,200*	53.0	364.8	18,600*	190
195	44.7	343.0	10,200*	46.5	348.3	12,600*	49.1	355.1	16,500*	51.6	360.8	17,700*	195
200	43.1	337.7	9,800*	44.9	343.2	12,000*	47.6	350.5	15,800*	50.1	356.6	16,900*	200
205	41.4	332.0	9,300*	43.3	337.9	11,500*	46.0	345.7	15,100*	48.6	352.2	16,200*	205
210	39.6	325.9	8,900*	41.6	332.3	11,000*	44.4	340.6	14,500*	47.0	347.5	15,500*	210
215	37.7	319.5	8,600*	39.8	326.3	10,500*	42.7	335.2	13,800*	45.4	342.6	14,800*	215
220	35.8	312.6	8,200*	37.9	319.9	10,100*	41.0	329.4	13,200*	43.8	337.4	14,100*	220
225	33.8	305.1	7,900*	36.0	313.0	9,600*	39.2	323.3	12,700*	42.1	331.8	13,500*	225
230	31.6	297.1	7,600*	34.0	305.6	9,200*	37.3	316.7	12,100*	40.4	326.0	12,900*	230
235	29.3	288.3	7,300*	31.9	297.7	8,900*	35.3	309.7	11,600*	38.5	319.7	12,300*	235
240	26.8	278.5	7,100*	29.6	288.9	8,500*	33.3	302.1	11,100*	36.6	313.0	11,700*	240
245	24.1	267.6	6,900*	27.1	279.3	8,200*	31.1	293.9	10,600*	34.6	305.8	11,100*	245
250	21.0	255.0	6,700*	24.4	268.6	8,000*	28.8	284.9	10,200*	32.6	298.0	10,500*	250
255	17.4	240.0	6,600*	21.4	256.2	7,700*	26.2	274.9	9,700*	30.3	289.5	9,900*	255
260	12.8	220.3	6,300*	17.9	241.5	7,500*	23.5	263.7	9,200*	27.9	280.2	9,400*	260
265	4.4	183.4	4,100*	13.4	222.5	6,800*	20.3	250.7	8,700*	25.3	269.9	8,900*	265
270				6.1	190.6	4,900*	16.5	234.9	8,200*	22.4	258.1	8,400*	270
275							11.5	213.5	6,800*	19.1	244.2	7,900*	275
280										15.0	227.0	7,400*	280
285										9.2	201.7	6,700*	285

Liftcrane Fixed Jib Capacities

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

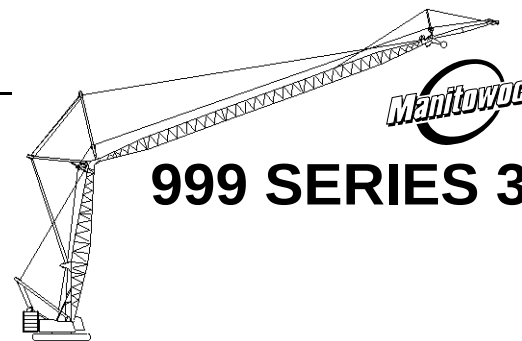
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	28,500*	130
135	58.2	354.7	19,300*	59.9	357.8	23,400*	62.4	361.7	27,300*	64.8	364.7	28,500*	135
140	56.7	351.3	18,400*	58.4	354.7	22,300*	60.9	358.9	26,200*	63.4	362.1	28,500*	140
145	55.1	347.8	17,400*	56.9	351.4	21,200*	59.4	355.9	25,100*	61.9	359.4	27,400*	145
150	53.5	344.0	16,500*	55.3	347.8	20,100*	57.9	352.7	24,100*	60.4	356.5	26,300*	150
155	51.9	340.0	15,600*	53.7	344.1	19,100*	56.3	349.3	23,100*	58.9	353.4	25,200*	155
160	50.2	335.8	14,800*	52.0	340.1	18,100*	54.8	345.7	22,200*	57.4	350.2	24,200*	160
165	48.4	331.3	14,100*	50.4	335.9	17,200*	53.1	341.9	21,400*	55.8	346.7	23,300*	165
170	46.7	326.5	13,300*	48.6	331.5	16,300*	51.5	337.8	20,600*	54.2	343.0	22,400*	170
175	44.8	321.5	12,600*	46.9	326.7	15,500*	49.8	333.6	19,900*	52.6	339.2	21,600*	175
180	42.9	316.0	12,000*	45.0	321.7	14,700*	48.1	329.0	19,100*	50.9	335.0	20,800*	180
185	41.0	310.2	11,400*	43.1	316.3	13,900*	46.3	324.2	18,400*	49.2	330.7	20,100*	185
190	38.9	304.0	10,800*	41.2	310.5	13,200*	44.4	319.0	17,500*	47.4	326.0	19,400*	190
195	36.7	297.2	10,300*	39.1	304.3	12,500*	42.5	313.5	16,600*	45.6	321.1	18,700*	195
200	34.5	289.9	9,800*	37.0	297.7	11,800*	40.5	307.6	15,700*	43.8	315.8	18,100*	200
205	32.0	281.9	9,300*	34.7	290.4	11,300*	38.4	301.2	14,900*	41.8	310.1	17,500*	205
210	29.4	273.1	8,900*	32.3	282.5	10,700*	36.2	294.4	14,100*	39.8	304.1	17,000*	210
215	26.5	263.1	8,600*	29.7	273.8	10,200*	33.9	286.9	13,400*	37.7	297.6	16,400*	215
220	23.3	251.8	8,200*	26.9	264.0	9,800*	31.5	278.8	12,700*	35.5	290.5	15,800	220
225	19.6	238.2	8,000*	23.7	252.8	9,300*	28.8	269.7	12,100*	33.1	282.8	15,200	225
230	15.0	220.8	7,800*	20.1	239.5	9,000*	25.9	259.5	11,500*	30.6	274.4	14,600	230
235	7.6	192.6	7,800*	15.6	222.8	8,700*	22.6	247.7	11,000*	27.8	264.9	14,000	235
240				8.8	196.9	8,600*	18.7	233.5	10,500*	24.8	254.3	13,400	240
245							13.7	214.8	10,100*	21.3	241.8	12,900	245
250							4.0	177.6	9,900*	17.2	226.4	12,300*	250
255										11.5	204.8	11,700*	255



Liftcrane Fixed Jib Capacities

**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	26,700*	135
140	58.3	363.3	18,000*	59.9	366.5	21,700*	62.3	370.4	25,100*	64.6	373.4	26,700*	140
145	56.8	360.0	17,100*	58.5	363.3	20,800*	60.9	367.5	24,100*	63.2	370.8	26,200*	145
150	55.3	356.5	16,300*	57.0	360.0	19,800*	59.5	364.5	23,100*	61.8	368.0	25,200*	150
155	53.8	352.8	15,500*	55.5	356.6	18,800*	58.0	361.3	22,200*	60.4	365.2	24,200*	155
160	52.2	348.9	14,700*	54.0	352.9	17,900*	56.5	358.0	21,400*	59.0	362.1	23,200*	160
165	50.6	344.7	13,900*	52.4	349.0	17,000*	55.0	354.4	20,600*	57.5	358.8	22,400*	165
170	49.0	340.3	13,200*	50.8	344.8	16,200*	53.5	350.7	19,800*	56.0	355.4	21,500*	170
175	47.3	335.6	12,600*	49.2	340.4	15,400*	51.9	346.7	19,100*	54.5	351.8	20,700*	175
180	45.6	330.7	11,900*	47.5	335.8	14,700*	50.3	342.5	18,400*	52.9	347.9	20,000*	180
185	43.8	325.4	11,400*	45.8	330.9	13,900*	48.6	338.0	17,800*	51.3	343.9	19,300*	185
190	41.9	319.8	10,800*	44.0	325.7	13,200*	46.9	333.3	17,200*	49.7	339.6	18,600*	190
195	40.0	313.8	10,300*	42.1	320.1	12,600*	45.2	328.2	16,600*	48.0	335.0	18,000*	195
200	38.0	307.3	9,800*	40.2	314.1	11,900*	43.4	322.9	15,800*	46.3	330.2	17,400*	200
205	35.9	300.4	9,300*	38.2	307.7	11,400*	41.5	317.2	15,100*	44.6	325.1	16,800*	205
210	33.7	292.9	8,900*	36.1	300.8	10,800*	39.6	311.1	14,300*	42.7	319.6	16,300*	210
215	31.3	284.6	8,500*	33.9	293.4	10,300*	37.5	304.6	13,600*	40.8	313.8	15,800*	215
220	28.7	275.5	8,200*	31.6	285.2	9,800*	35.4	297.5	12,900*	38.9	307.5	15,300*	220
225	25.9	265.4	7,900*	29.0	276.3	9,400*	33.1	289.8	12,300*	36.8	300.8	14,700*	225
230	22.8	253.7	7,600*	26.3	266.2	9,000*	30.7	281.4	11,700*	34.6	293.6	14,100	230
235	19.2	239.8	7,400*	23.2	254.7	8,700*	28.1	272.1	11,100*	32.3	285.6	13,500	235
240	14.6	222.0	7,200*	19.6	241.2	8,400*	25.3	261.6	10,600*	29.9	277.0	13,000	240
245	7.4	193.1	7,200*	15.2	224.0	8,100*	22.1	249.6	10,200*	27.2	267.3	12,400	245
250				8.6	197.6	8,000*	18.3	235.0	9,800*	24.2	256.3	11,900	250
255							13.4	215.9	9,500*	20.8	243.5	11,400	255
260							3.9	177.8	8,300*	16.8	227.7	10,900	260
265										11.2	205.7	10,400	265

Liftcrane Fixed Jib Capacities

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

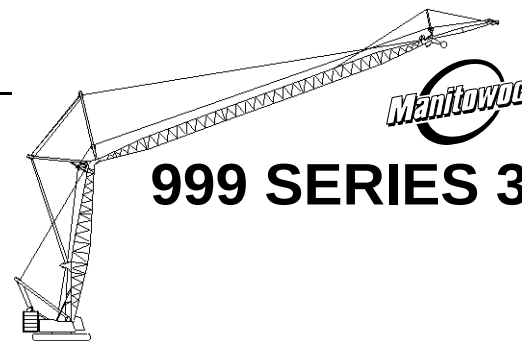
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	24,900*	140
145	58.4	372.0	16,800*	59.9	375.1	20,300*	62.2	379.0	24,900*	64.4	382.0	24,900*	145
150	57.0	368.7	16,000*	58.5	372.0	19,400*	60.9	376.2	24,000*	63.1	379.4	24,900*	150
155	55.5	365.2	15,200*	57.1	368.7	18,500*	59.5	373.2	23,100*	61.7	376.7	24,900*	155
160	54.1	361.6	14,500*	55.7	365.3	17,700*	58.1	370.0	22,200*	60.4	373.8	24,100*	160
165	52.6	357.7	13,800*	54.2	361.6	16,800*	56.7	366.7	21,400*	59.0	370.8	23,200*	165
170	51.0	353.6	13,100*	52.7	357.8	16,100*	55.2	363.1	20,700*	57.6	367.5	22,400*	170
175	49.5	349.2	12,500*	51.2	353.7	15,300*	53.7	359.4	19,900*	56.2	364.1	21,600*	175
180	47.9	344.7	11,900*	49.7	349.4	14,600*	52.2	355.5	19,100*	54.7	360.5	20,900*	180
185	46.2	339.8	11,300*	48.1	344.8	13,900*	50.7	351.4	18,300*	53.2	356.7	20,200*	185
190	44.5	334.7	10,800*	46.4	340.0	13,200*	49.1	347.0	17,400*	51.7	352.7	19,500*	190
195	42.8	329.2	10,300*	44.7	334.9	12,600*	47.5	342.3	16,600*	50.2	348.5	18,800	195
200	41.0	323.4	9,800*	43.0	329.5	12,000*	45.9	337.4	15,800*	48.6	344.0	17,900	200
205	39.1	317.3	9,300*	41.2	323.8	11,400*	44.2	332.2	15,100*	47.0	339.3	17,200	205
210	37.2	310.6	8,900*	39.3	317.6	10,900*	42.4	326.7	14,400*	45.3	334.3	16,400	210
215	35.1	303.5	8,500*	37.4	311.0	10,400*	40.6	320.8	13,700*	43.6	329.0	15,700	215
220	32.9	295.7	8,200*	35.3	303.9	9,900*	38.7	314.5	13,100*	41.8	323.4	15,100	220
225	30.6	287.3	7,800*	33.2	296.3	9,500*	36.7	307.8	12,500*	39.9	317.3	14,500	225
230	28.1	278.0	7,500*	30.9	287.9	9,100*	34.6	300.5	11,900*	38.0	310.9	13,800	230
235	25.4	267.5	7,300*	28.4	278.7	8,700*	32.4	292.6	11,300*	36.0	304.0	13,300	235
240	22.3	255.6	7,000*	25.7	268.4	8,400*	30.1	284.0	10,800*	33.9	296.5	12,700	240
245	18.7	241.4	6,900*	22.7	256.7	8,100*	27.5	274.5	10,400*	31.6	288.4	12,200	245
250	14.3	223.2	6,800*	19.2	242.8	7,800*	24.7	263.7	9,900*	29.2	279.5	11,700	250
255	7.2	193.6	6,800*	14.9	225.2	7,600*	21.6	251.4	9,500*	26.6	269.6	11,200	255
260				8.4	198.2	7,500*	17.9	236.5	9,200*	23.7	258.3	10,700	260
265							13.1	216.9	8,900*	20.4	245.2	10,200	265
270							3.8	177.9	7,000*	16.4	229.1	9,700*	270
275										10.9	206.6	9,200*	275



Liftcrane Fixed Jib Capacities

999 SERIES 3

**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**

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	23,100*	140
145	59.8	383.8	16,300*	61.3	386.7	19,600*	63.4	390.4	23,500*	65.5	393.2	23,100*	145
150	58.5	380.7	15,600*	59.9	383.8	18,800*	62.1	387.7	23,100*	64.2	390.7	23,100*	150
155	57.1	377.4	14,900*	58.6	380.7	18,000*	60.8	384.8	22,300*	63.0	388.1	23,100*	155
160	55.7	373.9	14,200*	57.3	377.4	17,300*	59.5	381.8	21,500*	61.7	385.4	23,100*	160
165	54.3	370.3	13,600*	55.9	374.0	16,500*	58.2	378.7	20,700*	60.4	382.5	22,400*	165
170	52.9	366.5	12,900*	54.5	370.4	15,800*	56.8	375.4	20,000*	59.0	379.4	21,600*	170
175	51.4	362.4	12,300*	53.0	366.5	15,100*	55.4	371.9	19,300*	57.7	376.2	20,900*	175
180	49.9	358.2	11,800*	51.6	362.5	14,400*	54.0	368.2	18,600*	56.3	372.8	20,200*	180
185	48.4	353.7	11,200*	50.1	358.3	13,700*	52.6	364.3	18,000*	54.9	369.3	19,500*	185
190	46.9	348.9	10,700*	48.6	353.8	13,100*	51.1	360.2	17,200*	53.5	365.5	18,900*	190
195	45.2	343.9	10,200*	47.0	349.1	12,500*	49.6	355.9	16,500*	52.1	361.6	18,200*	195
200	43.6	338.6	9,700*	45.4	344.1	12,000*	48.1	351.4	15,700*	50.6	357.4	17,500	200
205	41.9	333.0	9,300*	43.8	338.9	11,400*	46.5	346.6	15,000*	49.1	353.0	16,700	205
210	40.1	327.0	8,900*	42.1	333.3	10,900*	44.9	341.5	14,400*	47.5	348.4	16,000	210
215	38.3	320.7	8,500*	40.3	327.4	10,400*	43.2	336.1	13,700*	45.9	343.5	15,300	215
220	36.4	313.8	8,100*	38.5	321.0	10,000*	41.5	330.4	13,100*	44.3	338.3	14,600	220
225	34.3	306.5	7,800*	36.6	314.3	9,500*	39.7	324.4	12,500*	42.6	332.8	14,000	225
230	32.2	298.5	7,500*	34.6	307.0	9,100*	37.9	317.9	12,000*	40.9	327.0	13,400	230
235	29.9	289.9	7,200*	32.5	299.1	8,700*	35.9	311.0	11,500*	39.1	320.8	12,800	235
240	27.5	280.3	6,900*	30.2	290.5	8,400*	33.9	303.5	10,900*	37.2	314.2	12,200	240
245	24.8	269.6	6,700*	27.8	281.1	8,000*	31.7	295.4	10,500*	35.2	307.1	11,700	245
250	21.8	257.4	6,500*	25.1	270.6	7,700*	29.4	286.6	10,000*	33.2	299.4	11,200	250
255	18.3	242.9	6,400*	22.2	258.5	7,500*	26.9	276.8	9,600*	31.0	291.1	10,700*	255
260	14.0	224.3	6,300*	18.8	244.3	7,300*	24.2	265.8	9,200*	28.6	281.9	10,100*	260
265	7.0	194.2	5,400*	14.5	226.4	7,100*	21.1	253.2	8,900*	26.0	271.8	9,600*	265
270				8.2	198.8	6,000*	17.5	237.9	8,600*	23.2	260.3	9,100*	270
275							12.8	218.0	7,700*	19.9	246.9	8,600*	275
280							3.7	178.1	5,500*	16.0	230.4	8,100*	280
285										10.7	207.4	7,600*	285

Liftcrane Fixed Jib Capacities

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

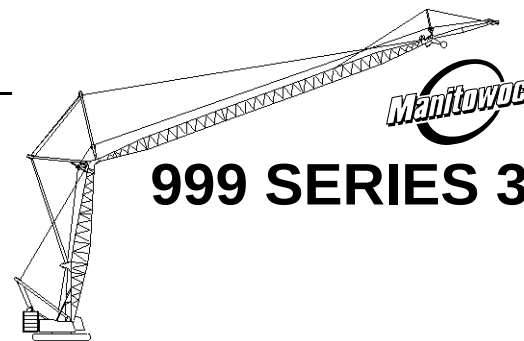
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	21,300*	145
150	59.8	392.5	15,200*	61.2	395.4	18,200*	63.3	399.1	21,700*	65.3	401.9	21,300*	150
155	58.5	389.4	14,500*	59.9	392.4	17,500*	62.0	396.3	21,200*	64.1	399.4	21,300*	155
160	57.2	386.1	13,900*	58.7	389.4	16,800*	60.8	393.5	20,400*	62.9	396.8	21,300*	160
165	55.9	382.7	13,300*	57.4	386.1	16,100*	59.5	390.5	19,700*	61.6	394.0	21,300*	165
170	54.5	379.0	12,700*	56.0	382.7	15,500*	58.2	387.4	19,000*	60.3	391.1	20,500*	170
175	53.2	375.2	12,100*	54.7	379.1	14,800*	56.9	384.1	18,300*	59.1	388.1	19,800*	175
180	51.8	371.3	11,600*	53.3	375.3	14,200*	55.6	380.6	17,700*	57.8	384.9	19,100*	180
185	50.4	367.1	11,100*	51.9	371.4	13,600*	54.2	376.9	17,100*	56.5	381.5	18,500*	185
190	48.9	362.7	10,600*	50.5	367.2	13,000*	52.9	373.1	16,600*	55.1	378.0	17,900*	190
195	47.4	358.0	10,100*	49.1	362.8	12,400*	51.5	369.1	16,100*	53.8	374.3	17,300*	195
200	45.9	353.1	9,700*	47.6	358.2	11,900*	50.0	364.8	15,600*	52.4	370.4	16,800*	200
205	44.3	347.9	9,200*	46.1	353.3	11,300*	48.6	360.4	14,900*	51.0	366.3	16,200*	205
210	42.7	342.5	8,800*	44.5	348.2	10,800*	47.1	355.7	14,300*	49.5	361.9	15,600*	210
215	41.0	336.7	8,400*	42.9	342.7	10,400*	45.5	350.7	13,700*	48.1	357.4	14,900	215
220	39.3	330.5	8,100*	41.2	337.0	9,900*	44.0	345.5	13,100*	46.5	352.6	14,200	220
225	37.5	324.0	7,700*	39.5	330.9	9,500*	42.3	339.9	12,500*	45.0	347.6	13,600	225
230	35.6	317.0	7,400*	37.7	324.4	9,100*	40.6	334.1	12,000*	43.4	342.2	13,000	230
235	33.6	309.4	7,100*	35.8	317.4	8,700*	38.9	327.8	11,500*	41.8	336.6	12,400	235
240	31.6	301.3	6,800*	33.9	310.0	8,400*	37.1	321.2	11,000*	40.1	330.6	11,900	240
245	29.3	292.4	6,600*	31.8	301.9	8,000*	35.2	314.1	10,500*	38.3	324.2	11,300*	245
250	26.9	282.6	6,400*	29.6	293.1	7,700*	33.2	306.4	10,100*	36.4	317.4	10,700*	250
255	24.3	271.7	6,200*	27.2	283.4	7,400*	31.1	298.1	9,700*	34.5	310.1	10,100*	255
260	21.4	259.2	6,000*	24.6	272.7	7,200*	28.8	289.1	9,300*	32.5	302.3	9,600*	260
265	18.0	244.4	5,900*	21.7	260.4	7,000*	26.4	279.1	8,900*	30.3	293.7	9,100*	265
270	13.7	225.4	5,700*	18.4	245.9	6,800*	23.7	267.8	8,400*	28.0	284.4	8,600*	270
275	6.9	194.6	4,000*	14.2	227.5	6,200*	20.7	254.9	7,900*	25.5	274.0	8,100*	275
280				8.0	199.4	4,600*	17.1	239.4	7,400*	22.7	262.2	7,600*	280
285							12.5	219.0	6,300*	19.5	248.5	7,100*	285
290							3.6	178.3	4,200*	15.7	231.7	6,700*	290
295										10.5	208.2	6,200*	295



Liftcrane Fixed Jib Capacities

**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**

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	22,500*	150
155	53.9	352.8	15,200*	55.6	356.6	18,500*	58.1	361.4	21,100*	60.5	365.2	22,300*	155
160	52.3	348.9	14,400*	54.1	352.9	17,600*	56.6	358.0	20,200*	59.0	362.1	22,100*	160
165	50.7	344.7	13,700*	52.5	349.0	16,700*	55.1	354.5	19,400*	57.6	358.9	21,200*	165
170	49.1	340.3	13,000*	50.9	344.9	15,900*	53.5	350.7	18,700*	56.1	355.5	20,400*	170
175	47.4	335.7	12,300*	49.3	340.5	15,100*	52.0	346.7	17,900*	54.5	351.8	19,600*	175
180	45.6	330.7	11,600*	47.6	335.9	14,300*	50.3	342.5	17,300*	53.0	348.0	18,800*	180
185	43.9	325.4	11,000*	45.8	330.9	13,600*	48.7	338.0	16,600*	51.4	343.9	18,100*	185
190	42.0	319.8	10,500*	44.1	325.7	12,900*	47.0	333.3	16,000*	49.8	339.6	17,500*	190
195	40.1	313.8	10,000*	42.2	320.1	12,200*	45.3	328.3	15,500*	48.1	335.1	16,800*	195
200	38.1	307.4	9,500*	40.3	314.2	11,600*	43.5	323.0	15,000*	46.4	330.3	16,200*	200
205	36.0	300.4	9,000*	38.3	307.8	11,000*	41.6	317.3	14,400*	44.6	325.1	15,700*	205
210	33.7	292.9	8,600*	36.2	300.9	10,400*	39.6	311.2	13,900*	42.8	319.7	15,200*	210
215	31.4	284.7	8,200*	34.0	293.4	9,900*	37.6	304.6	13,100*	40.9	313.8	14,700*	215
220	28.8	275.6	7,800*	31.6	285.3	9,400*	35.5	297.5	12,400*	39.0	307.6	14,200*	220
225	26.0	265.4	7,500*	29.1	276.3	9,000*	33.2	289.9	11,800*	36.9	300.9	13,700*	225
230	22.9	253.8	7,200*	26.4	266.3	8,600*	30.8	281.5	11,200*	34.7	293.6	13,300*	230
235	19.3	239.9	7,000*	23.3	254.8	8,200*	28.2	272.2	10,600*	32.4	285.7	12,900*	235
240	14.7	222.1	6,800*	19.7	241.3	7,900*	25.4	261.7	10,100*	29.9	277.0	12,500*	240
245	7.5	193.4	6,800*	15.3	224.1	7,600*	22.1	249.6	9,700*	27.3	267.4	12,100*	245
250				8.7	197.8	7,500*	18.4	235.1	9,200*	24.3	256.4	11,800*	250
255							13.5	216.0	8,900*	20.9	243.6	11,400*	255
260							4.1	178.4	8,700*	16.8	227.9	10,900*	260
265										11.3	205.9	10,400*	265

Liftcrane Fixed Jib Capacities

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	21,800*	150
155	55.6	365.3	14,900*	57.2	368.8	18,200*	59.5	373.2	20,300*	61.8	376.7	21,600*	155
160	54.1	361.6	14,200*	55.8	365.3	17,300*	58.1	370.1	19,400*	60.4	373.8	21,200*	160
165	52.6	357.7	13,500*	54.3	361.7	16,500*	56.7	366.7	18,700*	59.1	370.8	20,300*	165
170	51.1	353.6	12,900*	52.8	357.8	15,700*	55.3	363.2	17,900*	57.7	367.6	19,500*	170
175	49.6	349.3	12,200*	51.3	353.7	15,000*	53.8	359.5	17,300*	56.2	364.2	18,800*	175
180	48.0	344.7	11,600*	49.7	349.4	14,300*	52.3	355.5	16,600*	54.8	360.6	18,100*	180
185	46.3	339.9	11,000*	48.1	344.9	13,600*	50.8	351.4	16,000*	53.3	356.8	17,400*	185
190	44.6	334.7	10,500*	46.5	340.1	12,900*	49.2	347.0	15,500*	51.8	352.8	16,800*	190
195	42.9	329.3	10,000*	44.8	335.0	12,300*	47.6	342.4	14,900*	50.2	348.5	16,200*	195
200	41.1	323.5	9,500*	43.1	329.6	11,700*	45.9	337.5	14,400*	48.7	344.1	15,600*	200
205	39.2	317.3	9,000*	41.3	323.8	11,100*	44.2	332.3	13,900*	47.0	339.4	15,100*	205
210	37.2	310.7	8,600*	39.4	317.7	10,500*	42.5	326.8	13,500*	45.4	334.4	14,600*	210
215	35.2	303.5	8,200*	37.5	311.1	10,000*	40.7	320.9	13,000*	43.6	329.1	14,100*	215
220	33.0	295.8	7,800*	35.4	304.0	9,500*	38.8	314.6	12,600*	41.9	323.4	13,600*	220
225	30.7	287.3	7,500*	33.2	296.3	9,100*	36.8	307.9	12,000*	40.0	317.4	13,200*	225
230	28.2	278.0	7,200*	30.9	288.0	8,700*	34.7	300.6	11,400*	38.1	311.0	12,800*	230
235	25.4	267.6	6,900*	28.5	278.8	8,300*	32.5	292.7	10,900*	36.1	304.0	12,400*	235
240	22.4	255.6	6,700*	25.8	268.5	8,000*	30.1	284.1	10,400*	34.0	296.6	12,000*	240
245	18.8	241.5	6,500*	22.8	256.7	7,600*	27.6	274.5	9,900*	31.7	288.5	11,700*	245
250	14.4	223.3	6,300*	19.3	242.9	7,400*	24.8	263.8	9,400*	29.3	279.5	11,300*	250
255	7.3	193.9	6,300*	15.0	225.3	7,200*	21.7	251.5	9,000*	26.7	269.6	11,000*	255
260				8.5	198.4	7,100*	18.0	236.6	8,700*	23.8	258.4	10,700*	260
265							13.2	217.1	8,400*	20.5	245.3	10,400*	265
270							4.0	178.6	7,500*	16.5	229.2	10,100	270
275										11.0	206.7	9,600*	275



Liftcrane Fixed Jib Capacities

**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	21,000*	150
155	57.2	377.4	14,700*	58.7	380.7	17,800*	60.9	384.9	20,900*	63.0	388.1	20,900*	155
160	55.8	374.0	14,000*	57.3	377.5	17,000*	59.6	381.9	20,200*	61.7	385.4	20,900*	160
165	54.4	370.3	13,300*	55.9	374.0	16,300*	58.2	378.7	19,400*	60.4	382.5	20,800*	165
170	53.0	366.5	12,700*	54.5	370.4	15,500*	56.9	375.4	18,700*	59.1	379.5	20,300*	170
175	51.5	362.5	12,100*	53.1	366.6	14,800*	55.5	371.9	18,000*	57.8	376.2	19,500*	175
180	50.0	358.2	11,500*	51.7	362.6	14,100*	54.1	368.2	17,400*	56.4	372.9	18,800*	180
185	48.5	353.7	11,000*	50.2	358.3	13,500*	52.6	364.3	16,700*	55.0	369.3	18,200*	185
190	46.9	349.0	10,500*	48.7	353.9	12,900*	51.2	360.3	16,200*	53.6	365.5	17,500*	190
195	45.3	344.0	10,000*	47.1	349.2	12,300*	49.7	356.0	15,600*	52.1	361.6	16,900*	195
200	43.7	338.7	9,500*	45.5	344.2	11,700*	48.1	351.4	15,100*	50.7	357.4	16,400*	200
205	42.0	333.1	9,000*	43.9	338.9	11,100*	46.6	346.6	14,600*	49.1	353.0	15,800*	205
210	40.2	327.1	8,600*	42.2	333.3	10,600*	45.0	341.5	14,100*	47.6	348.4	15,300*	210
215	38.4	320.7	8,200*	40.4	327.4	10,100*	43.3	336.2	13,400*	46.0	343.5	14,800*	215
220	36.4	313.9	7,900*	38.6	321.1	9,600*	41.6	330.5	12,800*	44.4	338.4	14,400*	220
225	34.4	306.5	7,500*	36.7	314.3	9,200*	39.8	324.4	12,200*	42.7	332.9	13,900*	225
230	32.3	298.6	7,200*	34.7	307.0	8,800*	37.9	318.0	11,600*	41.0	327.1	13,500*	230
235	30.0	289.9	6,900*	32.5	299.2	8,400*	36.0	311.0	11,100*	39.2	320.9	13,100*	235
240	27.6	280.4	6,600*	30.3	290.6	8,000*	34.0	303.6	10,600*	37.3	314.3	12,700*	240
245	24.9	269.7	6,400*	27.9	281.2	7,700*	31.8	295.5	10,100*	35.3	307.1	12,200	245
250	21.9	257.5	6,200*	25.2	270.6	7,400*	29.5	286.6	9,600*	33.2	299.5	11,700	250
255	18.4	243.0	6,000*	22.3	258.6	7,100*	27.0	276.9	9,200*	31.0	291.1	11,200	255
260	14.1	224.4	5,900*	18.9	244.4	6,900*	24.3	265.9	8,800*	28.7	282.0	10,700	260
265	7.2	194.4	5,900*	14.6	226.5	6,700*	21.2	253.2	8,500*	26.1	271.9	10,300	265
270				8.3	199.0	6,700*	17.6	238.1	8,200*	23.3	260.4	9,800*	270
275							12.9	218.1	7,900*	20.0	247.0	9,300*	275
280							3.9	178.8	6,200*	16.1	230.5	8,800*	280
285										10.8	207.6	8,300*	285

Liftcrane Fixed Jib Capacities

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

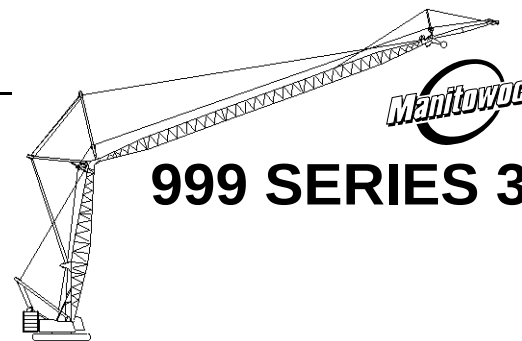
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	19,800*	155
160	57.3	386.1	13,700*	58.7	389.4	16,600*	60.9	393.5	19,500*	62.9	396.8	19,800*	160
165	56.0	382.7	13,100*	57.4	386.1	15,900*	59.6	390.5	18,800*	61.7	394.1	19,800*	165
170	54.6	379.1	12,500*	56.1	382.7	15,200*	58.3	387.4	18,100*	60.4	391.2	19,600*	170
175	53.2	375.3	11,900*	54.8	379.1	14,600*	57.0	384.1	17,400*	59.1	388.1	18,900*	175
180	51.8	371.3	11,400*	53.4	375.4	13,900*	55.7	380.6	16,800*	57.8	384.9	18,200*	180
185	50.4	367.1	10,900*	52.0	371.4	13,300*	54.3	377.0	16,200*	56.5	381.6	17,600*	185
190	49.0	362.7	10,400*	50.6	367.2	12,700*	52.9	373.1	15,700*	55.2	378.0	17,000*	190
195	47.5	358.0	9,900*	49.1	362.8	12,200*	51.5	369.1	15,200*	53.8	374.3	16,400*	195
200	45.9	353.2	9,400*	47.6	358.2	11,600*	50.1	364.9	14,700*	52.5	370.4	15,800*	200
205	44.4	348.0	9,000*	46.1	353.4	11,100*	48.6	360.4	14,200*	51.0	366.3	15,300*	205
210	42.8	342.5	8,600*	44.6	348.2	10,600*	47.1	355.7	13,700*	49.6	362.0	14,800*	210
215	41.1	336.7	8,200*	43.0	342.8	10,100*	45.6	350.7	13,300*	48.1	357.4	14,400*	215
220	39.4	330.6	7,800*	41.3	337.0	9,700*	44.0	345.5	12,800*	46.6	352.7	13,900*	220
225	37.6	324.0	7,500*	39.6	330.9	9,200*	42.4	340.0	12,300*	45.1	347.6	13,500*	225
230	35.7	317.0	7,200*	37.8	324.4	8,800*	40.7	334.1	11,700*	43.5	342.3	13,100*	230
235	33.7	309.5	6,900*	35.9	317.5	8,400*	39.0	327.9	11,200*	41.8	336.6	12,700*	235
240	31.6	301.4	6,600*	33.9	310.0	8,100*	37.2	321.2	10,700*	40.1	330.6	12,300	240
245	29.4	292.5	6,300*	31.9	302.0	7,700*	35.3	314.1	10,200*	38.4	324.3	11,800	245
250	27.0	282.7	6,100*	29.7	293.2	7,400*	33.3	306.5	9,700*	36.5	317.5	11,200	250
255	24.4	271.8	5,900*	27.3	283.5	7,100*	31.2	298.2	9,300*	34.6	310.2	10,700*	255
260	21.5	259.3	5,700*	24.7	272.7	6,900*	28.9	289.1	8,900*	32.6	302.3	10,200*	260
265	18.0	244.5	5,600*	21.8	260.5	6,600*	26.5	279.1	8,600*	30.4	293.8	9,600*	265
270	13.8	225.6	5,500*	18.5	246.0	6,400*	23.8	267.9	8,200*	28.1	284.4	9,100*	270
275	7.0	194.9	4,600*	14.3	227.7	6,300*	20.8	255.0	7,900*	25.6	274.0	8,600*	275
280				8.1	199.6	5,200*	17.2	239.5	7,700*	22.8	262.3	8,200*	280
285							12.6	219.1	6,900*	19.6	248.6	7,700*	285
290							3.8	179.0	4,800*	15.8	231.8	7,200*	290
295										10.6	208.4	6,800*	295



Liftcrane Fixed Jib Capacities

**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	18,600*	155
160	58.6	398.1	13,300*	60.0	401.1	16,100*	62.0	405.0	18,600*	64.0	408.1	18,600*	160
165	57.4	394.8	12,800*	58.8	398.1	15,500*	60.8	402.2	17,900*	62.8	405.5	18,600*	165
170	56.1	391.4	12,200*	57.5	394.8	14,900*	59.6	399.2	17,200*	61.6	402.7	18,600*	170
175	54.8	387.8	11,700*	56.3	391.4	14,300*	58.4	396.1	16,600*	60.4	399.8	18,000*	175
180	53.5	384.1	11,200*	55.0	387.9	13,700*	57.1	392.8	16,000*	59.2	396.8	17,300*	180
185	52.2	380.1	10,700*	53.7	384.1	13,100*	55.8	389.3	15,400*	57.9	393.6	16,700*	185
190	50.8	376.0	10,200*	52.3	380.2	12,600*	54.5	385.7	14,900*	56.7	390.3	16,100*	190
195	49.4	371.6	9,800*	51.0	376.1	12,000*	53.2	381.9	14,400*	55.4	386.7	15,600*	195
200	48.0	367.1	9,300*	49.6	371.8	11,500*	51.9	377.9	13,900*	54.1	383.1	15,000*	200
205	46.5	362.3	8,900*	48.1	367.2	11,000*	50.5	373.8	13,500*	52.7	379.2	14,600*	205
210	45.0	357.2	8,500*	46.7	362.5	10,500*	49.1	369.4	13,100*	51.4	375.2	14,100*	210
215	43.5	351.9	8,200*	45.2	357.5	10,100*	47.7	364.8	12,700*	50.0	370.9	13,600*	215
220	41.9	346.3	7,800*	43.7	352.2	9,600*	46.2	359.9	12,300*	48.6	366.4	13,200*	220
225	40.3	340.3	7,400*	42.1	346.6	9,200*	44.7	354.8	11,900*	47.2	361.7	12,800*	225
230	38.6	334.0	7,100*	40.5	340.7	8,800*	43.2	349.4	11,500*	45.7	356.8	12,400*	230
235	36.8	327.3	6,800*	38.8	334.4	8,500*	41.6	343.7	11,200*	44.2	351.6	12,100*	235
240	35.0	320.1	6,500*	37.0	327.7	8,100*	39.9	337.7	10,700*	42.6	346.1	11,700*	240
245	33.1	312.4	6,300*	35.2	320.6	7,700*	38.2	331.3	10,300*	41.0	340.3	11,300*	245
250	31.0	304.1	6,000*	33.3	312.9	7,400*	36.4	324.5	9,800*	39.3	334.1	10,700*	250
255	28.8	295.0	5,800*	31.3	304.7	7,100*	34.6	317.2	9,400*	37.6	327.6	10,200*	255
260	26.5	285.0	5,600*	29.1	295.7	6,900*	32.6	309.3	9,000*	35.8	320.6	9,600*	260
265	23.9	273.8	5,500*	26.8	285.8	6,600*	30.5	300.8	8,600*	33.9	313.2	9,100*	265
270	21.0	261.1	5,300*	24.2	274.8	6,400*	28.3	291.6	8,300*	31.9	305.1	8,600*	270
275	17.7	245.9	5,200*	21.4	262.3	6,200*	25.9	281.4	8,000*	29.8	296.4	8,100*	275
280	13.5	226.6	4,900*	18.1	247.5	6,000*	23.3	269.9	7,500*	27.5	286.8	7,600*	280
285				14.0	228.8	5,400*	20.4	256.7	7,000*	25.1	276.2	7,200*	285
290							16.9	240.9	6,600*	22.3	264.2	6,700*	290
295							12.4	220.1	5,500*	19.2	250.2	6,300*	295
300										15.5	233.1	5,900*	300
305										10.3	209.2	5,400*	305

Liftcrane Fixed Jib Capacities

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

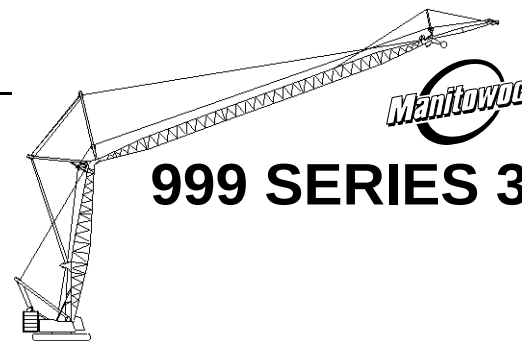
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	16,300*	180
185	46.2	340.0	10,800*	48.0	345.0	13,300*	50.7	351.5	15,500*	53.2	356.9	16,100*	185
190	44.5	334.8	10,300*	46.4	340.2	12,600*	49.1	347.1	14,900*	51.7	352.9	15,900*	190
195	42.8	329.4	9,800*	44.7	335.1	12,000*	47.5	342.5	14,400*	50.1	348.6	15,700*	195
200	41.0	323.6	9,300*	43.0	329.7	11,400*	45.8	337.6	13,900*	48.6	344.2	15,100*	200
205	39.1	317.4	8,800*	41.2	323.9	10,800*	44.1	332.4	13,400*	46.9	339.5	14,500*	205
210	37.1	310.8	8,400*	39.3	317.8	10,200*	42.4	326.9	12,900*	45.3	334.5	14,000*	210
215	35.1	303.7	8,000*	37.4	311.2	9,700*	40.6	321.0	12,400*	43.5	329.2	13,500*	215
220	32.9	295.9	7,600*	35.3	304.1	9,200*	38.7	314.7	12,000*	41.8	323.5	13,100*	220
225	30.6	287.5	7,200*	33.2	296.5	8,800*	36.7	308.0	11,600*	39.9	317.5	12,600*	225
230	28.1	278.2	6,900*	30.9	288.1	8,400*	34.6	300.7	11,100*	38.0	311.1	12,200*	230
235	25.4	267.8	6,600*	28.4	278.9	8,000*	32.4	292.8	10,500*	36.0	304.2	11,800*	235
240	22.3	255.8	6,400*	25.7	268.7	7,600*	30.1	284.2	10,000*	33.9	296.7	11,400*	240
245	18.8	241.7	6,200*	22.7	256.9	7,300*	27.5	274.7	9,500*	31.6	288.6	11,000*	245
250	14.3	223.6	6,000*	19.2	243.1	7,000*	24.7	264.0	9,000*	29.2	279.7	10,700*	250
255	7.4	194.6	6,000*	14.9	225.6	6,800*	21.6	251.7	8,600*	26.6	269.8	10,400*	255
260				8.5	199.0	6,600*	17.9	236.8	8,200*	23.7	258.6	10,100*	260
265							13.2	217.4	7,900*	20.4	245.5	9,800*	265
270							4.2	179.9	7,700*	16.4	229.5	9,500*	270
275										11.0	207.2	9,200*	275



Liftcrane Fixed Jib Capacities

**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

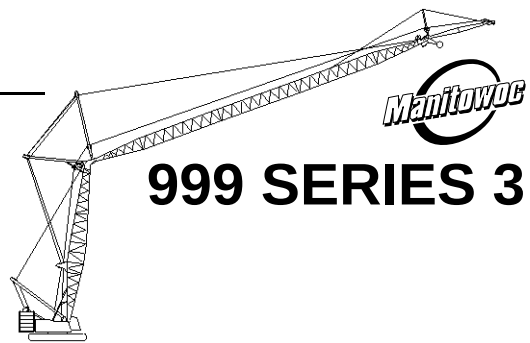
160 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

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	16,500*	175
180	49.9	358.3	11,300*	51.6	362.7	13,900*	54.0	368.3	15,600*	56.3	372.9	16,200*	180
185	48.4	353.8	10,800*	50.1	358.4	13,200*	52.5	364.4	15,000*	54.9	369.4	16,000*	185
190	46.8	349.1	10,300*	48.6	354.0	12,600*	51.1	360.3	14,400*	53.5	365.6	15,700*	190
195	45.2	344.1	9,800*	47.0	349.3	12,000*	49.6	356.0	13,900*	52.0	361.7	15,100*	195
200	43.6	338.8	9,300*	45.4	344.3	11,400*	48.0	351.5	13,400*	50.6	357.5	14,500*	200
205	41.9	333.2	8,800*	43.8	339.0	10,900*	46.5	346.7	12,900*	49.1	353.1	14,000*	205
210	40.1	327.2	8,400*	42.1	333.5	10,300*	44.9	341.6	12,400*	47.5	348.5	13,500*	210
215	38.3	320.8	8,000*	40.3	327.5	9,800*	43.2	336.3	12,000*	45.9	343.6	13,000*	215
220	36.3	314.0	7,600*	38.5	321.2	9,400*	41.5	330.6	11,600*	44.3	338.5	12,600*	220
225	34.3	306.7	7,300*	36.6	314.4	8,900*	39.7	324.5	11,200*	42.6	333.0	12,100*	225
230	32.2	298.7	7,000*	34.6	307.2	8,500*	37.8	318.1	10,800*	40.9	327.2	11,700*	230
235	29.9	290.1	6,700*	32.5	299.3	8,100*	35.9	311.1	10,500*	39.1	321.0	11,400*	235
240	27.5	280.6	6,400*	30.2	290.8	7,700*	33.9	303.7	10,200*	37.2	314.4	11,000*	240
245	24.8	269.9	6,100*	27.8	281.3	7,400*	31.7	295.6	9,700*	35.2	307.3	10,600*	245
250	21.8	257.7	5,900*	25.2	270.8	7,100*	29.4	286.8	9,300*	33.1	299.6	10,300*	250
255	18.4	243.2	5,700*	22.2	258.8	6,800*	26.9	277.0	8,800*	30.9	291.3	10,000*	255
260	14.0	224.8	5,600*	18.8	244.7	6,600*	24.2	266.1	8,400*	28.6	282.2	9,700*	260
265	7.2	195.1	5,600*	14.6	226.8	6,400*	21.1	253.4	8,100*	26.0	272.0	9,400*	265
270				8.3	199.6	6,300*	17.5	238.3	7,800*	23.2	260.6	9,100*	270
275							12.9	218.5	7,500*	19.9	247.2	8,900*	275
280							4.1	180.2	6,800*	16.1	230.8	8,600*	280
285										10.8	208.0	8,400*	285

Liftcrane Fixed Jib Capacities

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

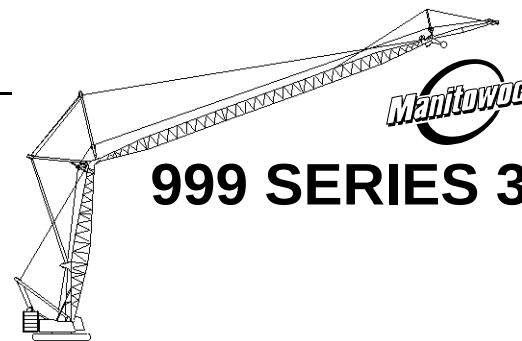
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	16,100*	175
180	51.7	371.4	11,200*	53.3	375.4	13,700*	55.6	380.7	15,800*	57.7	385.0	15,900*	180
185	50.3	367.2	10,700*	51.9	371.5	13,100*	54.2	377.1	15,600*	56.4	381.6	15,800*	185
190	48.9	362.8	10,200*	50.5	367.3	12,600*	52.8	373.2	15,000*	55.1	378.1	15,800*	190
195	47.4	358.1	9,700*	49.0	362.9	12,000*	51.4	369.2	14,500*	53.7	374.4	15,500*	195
200	45.9	353.3	9,300*	47.6	358.3	11,400*	50.0	365.0	14,000*	52.4	370.5	15,200*	200
205	44.3	348.1	8,800*	46.0	353.5	10,900*	48.5	360.5	13,500*	50.9	366.4	14,700*	205
210	42.7	342.6	8,400*	44.5	348.3	10,400*	47.1	355.8	13,000*	49.5	362.1	14,100*	210
215	41.0	336.8	8,000*	42.9	342.9	9,900*	45.5	350.8	12,600*	48.0	357.5	13,700*	215
220	39.3	330.7	7,700*	41.2	337.1	9,500*	43.9	345.6	12,200*	46.5	352.8	13,200*	220
225	37.5	324.1	7,300*	39.5	331.0	9,000*	42.3	340.1	11,800*	45.0	347.7	12,800*	225
230	35.6	317.1	7,000*	37.7	324.6	8,600*	40.6	334.2	11,400*	43.4	342.4	12,400*	230
235	33.6	309.6	6,700*	35.8	317.6	8,200*	38.9	328.0	10,900*	41.7	336.7	12,000*	235
240	31.6	301.5	6,400*	33.9	310.1	7,800*	37.1	321.4	10,400*	40.0	330.8	11,600*	240
245	29.3	292.6	6,100*	31.8	302.1	7,500*	35.2	314.2	9,900*	38.3	324.4	11,300*	245
250	26.9	282.9	5,900*	29.6	293.3	7,200*	33.2	306.6	9,500*	36.4	317.6	10,900*	250
255	24.3	272.0	5,700*	27.2	283.7	6,900*	31.1	298.3	9,100*	34.5	310.3	10,600*	255
260	21.4	259.5	5,500*	24.6	272.9	6,600*	28.8	289.3	8,600*	32.5	302.5	10,300*	260
265	18.0	244.7	5,400*	21.8	260.7	6,400*	26.4	279.3	8,300*	30.3	293.9	10,000*	265
270	13.7	225.9	5,300*	18.4	246.2	6,200*	23.7	268.1	7,900*	28.0	284.6	9,700*	270
275	7.1	195.6	5,300*	14.3	228.0	6,000*	20.7	255.2	7,600*	25.5	274.2	9,500*	275
280				8.1	200.2	5,900*	17.2	239.7	7,300*	22.7	262.5	9,000*	280
285							12.6	219.5	7,100*	19.5	248.8	8,500*	285
290							4.0	180.4	5,600*	15.7	232.1	8,100*	290
295										10.5	208.8	7,600*	295



Liftcrane Fixed Jib Capacities

**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

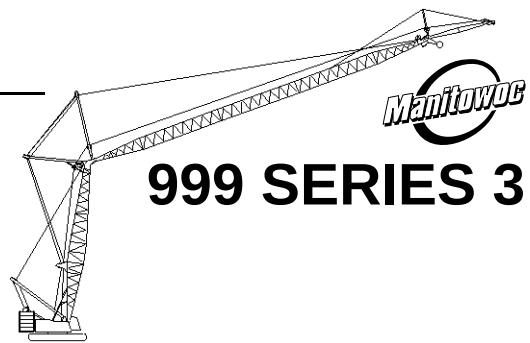
160 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

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	15,700*	175
180	53.4	384.1	11,100*	54.9	388.0	13,500*	57.0	392.9	15,600*	59.1	396.9	15,700*	180
185	52.1	380.2	10,600*	53.6	384.2	12,900*	55.7	389.4	15,200*	57.8	393.7	15,500*	185
190	50.7	376.1	10,100*	52.2	380.3	12,400*	54.4	385.8	14,600*	56.6	390.3	15,300*	190
195	49.3	371.7	9,600*	50.9	376.2	11,800*	53.1	382.0	14,100*	55.3	386.8	15,200*	195
200	47.9	367.2	9,200*	49.5	371.9	11,300*	51.8	378.0	13,600*	54.0	383.2	14,700*	200
205	46.4	362.4	8,800*	48.1	367.3	10,800*	50.4	373.8	13,100*	52.7	379.3	14,200*	205
210	44.9	357.3	8,400*	46.6	362.6	10,400*	49.0	369.5	12,700*	51.3	375.2	13,700*	210
215	43.4	352.0	8,000*	45.1	357.6	9,900*	47.6	364.9	12,200*	49.9	371.0	13,300*	215
220	41.8	346.4	7,600*	43.6	352.3	9,500*	46.1	360.0	11,900*	48.5	366.5	12,800*	220
225	40.2	340.4	7,300*	42.0	346.7	9,000*	44.6	354.9	11,500*	47.1	361.8	12,400*	225
230	38.5	334.1	7,000*	40.4	340.8	8,600*	43.1	349.5	11,100*	45.6	356.9	12,000*	230
235	36.7	327.4	6,700*	38.7	334.5	8,200*	41.5	343.8	10,800*	44.1	351.7	11,600*	235
240	34.9	320.2	6,400*	37.0	327.8	7,900*	39.8	337.8	10,400*	42.5	346.2	11,300*	240
245	33.0	312.5	6,100*	35.1	320.7	7,500*	38.1	331.4	10,000*	40.9	340.4	10,900*	245
250	30.9	304.2	5,900*	33.2	313.1	7,200*	36.3	324.6	9,600*	39.2	334.3	10,600*	250
255	28.8	295.1	5,600*	31.2	304.8	6,900*	34.5	317.3	9,200*	37.5	327.7	10,300*	255
260	26.4	285.2	5,400*	29.0	295.8	6,600*	32.5	309.5	8,800*	35.7	320.8	10,000*	260
265	23.9	274.0	5,300*	26.7	286.0	6,400*	30.5	301.0	8,400*	33.8	313.3	9,700*	265
270	21.0	261.3	5,100*	24.2	275.0	6,100*	28.3	291.7	8,000*	31.8	305.2	9,300*	270
275	17.6	246.2	5,000*	21.3	262.5	5,900*	25.9	281.5	7,700*	29.7	296.5	8,900*	275
280	13.5	227.0	4,900*	18.1	247.7	5,800*	23.2	270.1	7,400*	27.5	287.0	8,400*	280
285	6.9	196.1	4,100*	14.0	229.1	5,600*	20.3	256.9	7,100*	25.0	276.4	7,900*	285
290				8.0	200.8	4,600*	16.8	241.1	6,900*	22.3	264.4	7,500*	290
295							12.3	220.5	6,200*	19.2	250.5	7,100*	295
300							3.9	180.7	4,300*	15.4	233.4	6,600*	300
305										10.3	209.6	6,200*	305

Liftcrane Fixed Jib Capacities

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

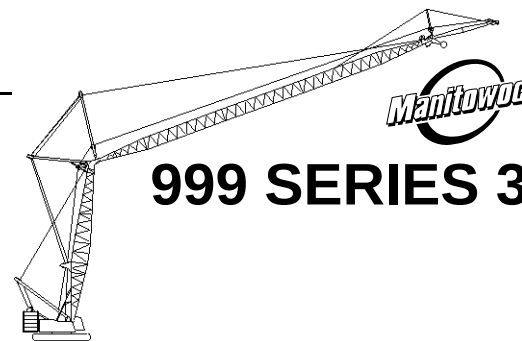
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	15,400*	170
175	56.2	400.2	11,300*	57.5	403.6	13,700*	59.5	408.0	15,300*	61.5	411.5	15,300*	175
180	54.9	396.6	10,900*	56.3	400.2	13,200*	58.3	404.8	15,000*	60.3	408.6	15,100*	180
185	53.7	392.9	10,400*	55.1	396.7	12,700*	57.1	401.6	14,400*	59.1	405.5	15,000*	185
190	52.4	389.0	9,900*	53.8	393.0	12,200*	55.9	398.1	13,900*	57.9	402.4	15,000*	190
195	51.1	384.9	9,500*	52.5	389.1	11,700*	54.6	394.5	13,400*	56.7	399.0	14,500*	195
200	49.7	380.7	9,100*	51.2	385.0	11,200*	53.4	390.8	12,900*	55.5	395.5	14,000*	200
205	48.4	376.2	8,700*	49.9	380.8	10,700*	52.1	386.8	12,500*	54.2	391.9	13,500*	205
210	47.0	371.5	8,300*	48.5	376.3	10,300*	50.8	382.7	12,100*	52.9	388.1	13,000*	210
215	45.5	366.5	8,000*	47.1	371.6	9,800*	49.4	378.4	11,600*	51.6	384.1	12,600*	215
220	44.1	361.3	7,600*	45.7	366.7	9,400*	48.1	373.9	11,300*	50.3	379.9	12,200*	220
225	42.6	355.9	7,300*	44.3	361.6	9,000*	46.7	369.1	10,900*	49.0	375.5	11,800*	225
230	41.0	350.1	6,900*	42.8	356.1	8,600*	45.2	364.1	10,600*	47.6	370.9	11,400*	230
235	39.4	344.0	6,600*	41.2	350.4	8,300*	43.8	358.9	10,200*	46.2	366.1	11,000*	235
240	37.8	337.5	6,400*	39.6	344.3	7,900*	42.2	353.3	9,900*	44.7	361.0	10,700*	240
245	36.1	330.6	6,100*	38.0	337.9	7,600*	40.7	347.5	9,600*	43.2	355.6	10,400*	245
250	34.3	323.2	5,800*	36.3	331.0	7,200*	39.1	341.3	9,300*	41.7	350.0	10,100*	250
255	32.4	315.4	5,600*	34.5	323.7	6,900*	37.4	334.7	9,000*	40.1	344.0	9,800*	255
260	30.4	306.8	5,400*	32.6	315.9	6,700*	35.7	327.7	8,800*	38.5	337.7	9,500*	260
265	28.2	297.6	5,200*	30.6	307.5	6,400*	33.8	320.3	8,500*	36.8	331.0	9,200*	265
270	25.9	287.4	5,000*	28.5	298.3	6,100*	31.9	312.3	8,100*	35.0	323.8	8,800*	270
275	23.4	276.0	4,900*	26.2	288.2	5,900*	29.9	303.6	7,800*	33.2	316.2	8,300*	275
280	20.6	263.0	4,700*	23.7	277.0	5,700*	27.7	294.1	7,500*	31.2	308.0	7,900*	280
285	17.3	247.6	4,600*	20.9	264.2	5,500*	25.4	283.7	7,200*	29.2	299.0	7,400*	285
290	13.2	228.1	4,300*	17.7	249.2	5,400*	22.8	272.0	6,800*	26.9	289.3	7,000*	290
295				13.7	230.3	4,800*	19.9	258.6	6,400*	24.5	278.5	6,500*	295
300							16.5	242.5	6,000*	21.8	266.2	6,100*	300
305							12.1	221.5	4,800*	18.8	252.0	5,700*	305
310										15.1	234.6	5,300*	310
315										10.1	210.5	4,800*	315



Liftcrane Fixed Jib Capacities

**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

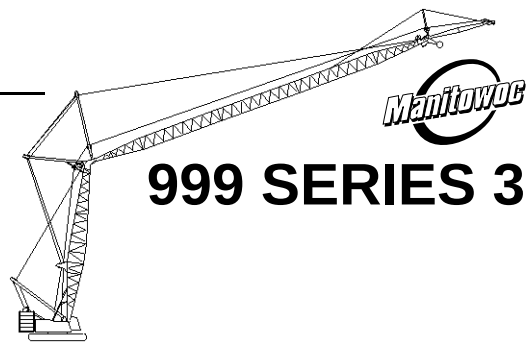
160 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

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	11,900*	205
210	39.9	327.3	8,200*	41.8	333.6	10,000*	44.6	341.8	11,500*	47.3	348.6	11,600*	210
215	38.0	320.9	7,800*	40.1	327.6	9,500*	43.0	336.4	11,300*	45.7	343.7	11,500*	215
220	36.1	314.1	7,400*	38.2	321.3	9,100*	41.2	330.7	11,200*	44.0	338.6	11,300*	220
225	34.1	306.8	7,000*	36.3	314.6	8,600*	39.5	324.7	10,800*	42.4	333.1	11,200*	225
230	32.0	298.9	6,700*	34.3	307.3	8,200*	37.6	318.2	10,400*	40.6	327.3	11,100*	230
235	29.7	290.2	6,400*	32.2	299.5	7,800*	35.7	311.3	10,000*	38.8	321.1	10,900*	235
240	27.3	280.7	6,100*	30.0	290.9	7,400*	33.6	303.8	9,700*	36.9	314.5	10,500*	240
245	24.6	270.1	5,900*	27.6	281.5	7,100*	31.5	295.8	9,300*	35.0	307.4	10,200*	245
250	21.6	257.9	5,600*	24.9	271.0	6,800*	29.2	286.9	8,900*	32.9	299.8	9,800*	250
255	18.2	243.5	5,400*	22.0	259.0	6,500*	26.7	277.2	8,500*	30.7	291.4	9,500*	255
260	13.8	225.1	5,300*	18.6	244.9	6,200*	24.0	266.3	8,100*	28.3	282.3	9,200*	260
265	7.1	195.8	5,300*	14.4	227.1	6,000*	20.9	253.7	7,700*	25.8	272.2	8,900*	265
270				8.2	200.2	5,900*	17.3	238.6	7,300*	23.0	260.8	8,600*	270
275							12.7	218.8	7,100*	19.7	247.4	8,300*	275
280							4.2	181.6	6,900*	15.9	231.1	8,100*	280
285										10.6	208.5	7,800*	285

Liftcrane Fixed Jib Capacities

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

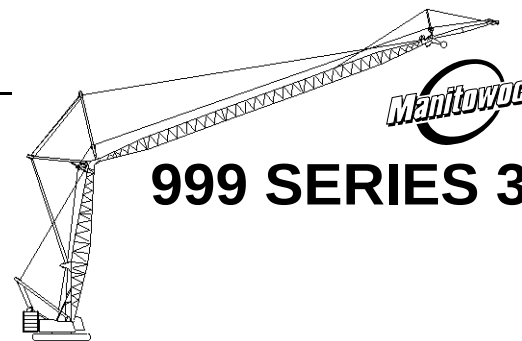
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	11,900*	200
205	44.0	348.2	8,600*	45.8	353.6	10,600*	48.3	360.6	11,600*	50.7	366.5	11,800*	205
210	42.4	342.7	8,200*	44.2	348.4	10,100*	46.8	355.9	11,400*	49.3	362.2	11,600*	210
215	40.8	337.0	7,800*	42.6	343.0	9,600*	45.3	351.0	11,200*	47.8	357.7	11,400*	215
220	39.0	330.8	7,400*	41.0	337.3	9,200*	43.7	345.7	10,800*	46.3	352.9	11,300*	220
225	37.2	324.3	7,100*	39.2	331.2	8,700*	42.1	340.2	10,400*	44.7	347.8	11,200*	225
230	35.4	317.3	6,800*	37.5	324.7	8,300*	40.4	334.4	10,000*	43.1	342.5	10,900*	230
235	33.4	309.8	6,400*	35.6	317.7	7,900*	38.7	328.1	9,700*	41.5	336.9	10,500*	235
240	31.3	301.6	6,200*	33.6	310.3	7,500*	36.8	321.5	9,300*	39.8	330.9	10,200*	240
245	29.1	292.8	5,900*	31.6	302.2	7,200*	34.9	314.4	9,000*	38.0	324.5	9,800*	245
250	26.7	283.1	5,600*	29.4	293.5	6,900*	33.0	306.7	8,700*	36.2	317.7	9,500*	250
255	24.1	272.2	5,400*	27.0	283.9	6,600*	30.8	298.5	8,400*	34.3	310.5	9,200*	255
260	21.2	259.7	5,200*	24.4	273.1	6,300*	28.6	289.4	8,200*	32.2	302.6	8,900*	260
265	17.8	245.0	5,100*	21.5	260.9	6,000*	26.2	279.5	7,900*	30.1	294.1	8,600*	265
270	13.6	226.2	5,000*	18.2	246.5	5,800*	23.5	268.3	7,600*	27.8	284.8	8,300*	270
275	7.0	196.4	5,000*	14.1	228.3	5,700*	20.5	255.4	7,200*	25.3	274.4	8,000*	275
280				8.0	200.8	5,600*	17.0	240.0	6,900*	22.5	262.7	7,800*	280
285							12.4	219.9	6,700*	19.3	249.1	7,500*	285
290							4.1	181.8	6,000*	15.5	232.4	7,300*	290
295										10.4	209.3	7,100*	295



Liftcrane Fixed Jib Capacities

**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	11,800*	200
205	46.2	362.5	8,600*	47.8	367.4	10,600*	50.2	374.0	11,700*	52.4	379.4	11,700*	205
210	44.7	357.4	8,200*	46.4	362.7	10,100*	48.8	369.6	11,400*	51.1	375.3	11,600*	210
215	43.2	352.1	7,800*	44.9	357.7	9,700*	47.3	365.0	11,300*	49.7	371.1	11,500*	215
220	41.6	346.5	7,500*	43.4	352.4	9,200*	45.9	360.1	11,100*	48.3	366.6	11,300*	220
225	40.0	340.6	7,100*	41.8	346.8	8,800*	44.4	355.0	11,000*	46.8	362.0	11,100*	225
230	38.3	334.3	6,800*	40.2	340.9	8,400*	42.8	349.6	10,600*	45.4	357.0	11,000*	230
235	36.5	327.5	6,500*	38.5	334.6	8,000*	41.2	343.9	10,200*	43.9	351.8	10,900*	235
240	34.7	320.4	6,200*	36.7	328.0	7,600*	39.6	337.9	9,900*	42.3	346.3	10,700*	240
245	32.8	312.7	5,900*	34.9	320.8	7,300*	37.9	331.5	9,600*	40.7	340.5	10,400*	245
250	30.7	304.4	5,700*	33.0	313.2	7,000*	36.1	324.7	9,200*	39.0	334.4	10,000*	250
255	28.5	295.3	5,400*	31.0	305.0	6,700*	34.3	317.4	8,900*	37.3	327.9	9,700*	255
260	26.2	285.3	5,200*	28.8	296.0	6,400*	32.3	309.6	8,900*	35.5	320.9	9,400*	260
265	23.6	274.2	5,000*	26.5	286.2	6,100*	30.3	301.1	8,100*	33.6	313.4	9,100*	265
270	20.8	261.5	4,900*	23.9	275.2	5,900*	28.0	291.9	7,700*	31.6	305.4	8,800*	270
275	17.4	246.5	4,700*	21.1	262.7	5,700*	25.7	281.7	7,400*	29.5	296.7	8,600*	275
280	13.3	227.3	4,700*	17.9	248.0	5,500*	23.0	270.3	7,100*	27.2	287.1	8,300*	280
285	6.8	196.9	4,600*	13.8	229.5	5,300*	20.1	257.1	6,800*	24.8	276.6	8,100*	285
290				7.9	201.5	5,200*	16.6	241.4	6,600*	22.1	264.6	7,800*	290
295							12.2	220.9	6,400*	19.0	250.7	7,600*	295
300							4.0	182.1	4,900*	15.2	233.7	7,300*	300
305										10.2	210.1	6,700*	305

Liftcrane Fixed Jib Capacities

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

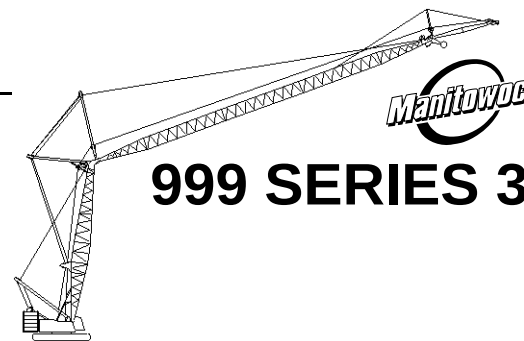
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	11,800*	195
200	49.5	380.8	8,900*	51.0	385.1	11,000*	53.1	390.9	11,600*	55.2	395.6	11,700*	200
205	48.1	376.3	8,500*	49.7	380.9	10,500*	51.9	386.9	11,400*	54.0	392.0	11,600*	205
210	46.7	371.6	8,100*	48.3	376.4	10,100*	50.5	382.8	11,400*	52.7	388.2	11,600*	210
215	45.3	366.6	7,800*	46.9	371.8	9,600*	49.2	378.5	11,300*	51.4	384.2	11,300*	215
220	43.9	361.4	7,400*	45.5	366.8	9,200*	47.8	374.0	11,100*	50.1	380.0	11,200*	220
225	42.4	356.0	7,100*	44.0	361.7	8,800*	46.4	369.2	10,700*	48.7	375.6	11,100*	225
230	40.8	350.2	6,800*	42.5	356.2	8,400*	45.0	364.2	10,300*	47.4	371.0	10,900*	230
235	39.2	344.1	6,500*	41.0	350.5	8,000*	43.5	359.0	9,900*	45.9	366.2	10,800*	235
240	37.6	337.6	6,200*	39.4	344.4	7,700*	42.0	353.4	9,600*	44.5	361.1	10,400*	240
245	35.8	330.7	5,900*	37.8	338.0	7,300*	40.5	347.6	9,300*	43.0	355.7	10,100*	245
250	34.0	323.4	5,700*	36.0	331.2	7,000*	38.9	341.4	9,000*	41.5	350.1	9,700*	250
255	32.1	315.5	5,400*	34.2	323.9	6,700*	37.2	334.9	8,700*	39.9	344.1	9,400*	255
260	30.1	307.0	5,200*	32.4	316.1	6,400*	35.4	327.9	8,400*	38.3	337.8	9,100*	260
265	28.0	297.8	5,000*	30.4	307.6	6,200*	33.6	320.4	8,200*	36.6	331.1	8,800*	265
270	25.7	287.6	4,800*	28.3	298.5	5,900*	31.7	312.4	7,900*	34.8	324.0	8,600*	270
275	23.2	276.2	4,600*	26.0	288.4	5,700*	29.7	303.7	7,500*	33.0	316.4	8,300*	275
280	20.4	263.3	4,200*	23.5	277.2	5,500*	27.5	294.3	7,200*	31.0	308.1	8,100*	280
285	17.1	247.9	4,000*	20.7	264.5	5,300*	25.2	283.9	6,900*	29.0	299.2	7,800*	285
290	13.0	228.4	4,000*	17.5	249.5	5,100*	22.6	272.2	6,600*	26.7	289.5	7,500*	290
295				13.6	230.6	5,000*	19.7	258.8	6,400*	24.3	278.7	7,100*	295
300							16.3	242.8	6,200*	21.7	266.5	6,600*	300
305							11.9	221.9	5,300*	18.6	252.3	6,200*	305
310										14.9	234.9	5,900*	310
315										10.0	210.9	5,300*	315



Liftcrane Fixed Jib Capacities

**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	11,800*	190
195	52.4	397.9	9,200*	53.8	401.8	11,200*	55.8	406.9	11,600*	57.8	411.1	11,800*	195
200	51.2	393.9	8,800*	52.6	398.0	10,800*	54.6	403.4	11,500*	56.6	407.8	11,600*	200
205	49.9	389.7	8,400*	51.3	394.0	10,300*	53.4	399.6	11,400*	55.4	404.4	11,400*	205
210	48.6	385.3	8,100*	50.0	389.8	9,900*	52.2	395.8	11,200*	54.2	400.7	11,300*	210
215	47.3	380.6	7,700*	48.7	385.4	9,500*	50.9	391.7	10,900*	53.0	397.0	11,200*	215
220	45.9	375.8	7,400*	47.4	380.8	9,100*	49.6	387.4	10,500*	51.7	393.0	11,100*	220
225	44.5	370.7	7,100*	46.0	376.0	8,800*	48.3	383.0	10,100*	50.4	388.9	11,000*	225
230	43.1	365.4	6,700*	44.7	370.9	8,400*	47.0	378.3	9,800*	49.2	384.5	10,600*	230
235	41.6	359.7	6,400*	43.2	365.6	8,000*	45.6	373.4	9,400*	47.8	380.0	10,200*	235
240	40.1	353.8	6,200*	41.8	360.0	7,700*	44.2	368.3	9,100*	46.5	375.3	9,900*	240
245	38.5	347.6	5,900*	40.2	354.1	7,400*	42.7	362.9	8,800*	45.1	370.3	9,600*	245
250	36.9	340.9	5,600*	38.7	347.9	7,100*	41.3	357.2	8,500*	43.7	365.1	9,200*	250
255	35.2	333.9	5,400*	37.1	341.3	6,700*	39.7	351.2	8,200*	42.2	359.6	8,900*	255
260	33.4	326.4	4,800*	35.4	334.3	6,500*	38.2	344.8	8,000*	40.7	353.8	8,600*	260
265	31.6	318.3	4,500*	33.6	326.9	6,200*	36.5	338.1	7,700*	39.2	347.7	8,400*	265
270	29.6	309.6	4,200*	31.8	318.9	5,900*	34.8	331.0	7,500*	37.6	341.2	8,100*	270
275	27.5	300.2	4,000*	29.8	310.3	5,700*	33.0	323.3	7,300*	35.9	334.3	7,900*	275
280				27.8	300.9	5,500*	31.1	315.2	7,000*	34.2	327.0	7,600*	280
285				25.5	290.6	5,300*	29.2	306.3	6,800*	32.4	319.2	7,400*	285
290				23.1	279.2	5,100*	27.0	296.7	6,600*	30.5	310.8	6,900*	290
295				20.4	266.2	4,900*	24.7	286.0	6,400*	28.4	301.7	6,500*	295
300				17.2	250.9	4,800*	22.2	274.2	6,000*	26.3	291.8	6,100*	300
305				13.3	231.7	4,000*	19.4	260.5	5,600*	23.9	280.7	5,700*	305
310							16.0	244.2	5,100*	21.3	268.3	5,300*	310
315							11.7	222.8	4,100*	18.3	253.9	5,000*	315
320										14.7	236.2	4,600*	320

Liftcrane Fixed Jib Capacities

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

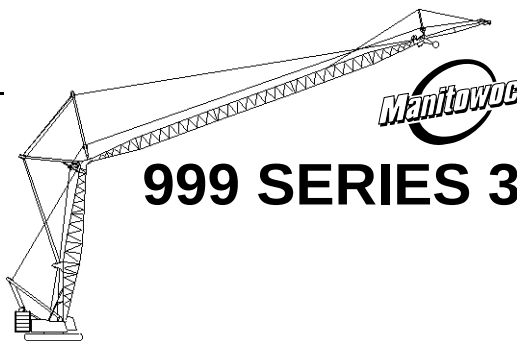
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	33,700*	120
125	57.3	357.3	20,500*	59.4	360.9	25,000*	62.4	365.2	31,800*	65.4	368.4	33,600*	125
130	55.6	353.9	19,500*	57.7	357.7	23,800*	60.8	362.4	30,400*	63.8	365.9	33,600*	130
135	53.8	350.3	18,400*	56.0	354.4	22,500*	59.1	359.5	29,100*	62.2	363.3	32,900	135
140	52.0	346.4	17,400*	54.3	350.8	21,400*	57.5	356.3	27,800*	60.6	360.5	31,200	140
145	50.2	342.3	16,500*	52.5	347.0	20,200*	55.8	352.9	26,500*	58.9	357.5	29,600	145
150	48.3	337.9	15,600*	50.7	343.0	19,200*	54.0	349.3	25,200*	57.2	354.3	28,200	150
155	46.4	333.2	14,800*	48.8	338.6	18,200*	52.3	345.5	23,900*	55.5	350.9	26,800	155
160	44.4	328.1	14,000*	46.9	334.0	17,200*	50.4	341.4	22,700*	53.8	347.3	25,600	160
165	42.3	322.7	13,300*	44.9	329.1	16,300*	48.6	337.1	21,600*	52.0	343.4	24,400	165
170	40.1	316.9	12,600*	42.8	323.7	15,500*	46.6	332.4	20,500*	50.2	339.3	23,300	170
175	37.8	310.6	12,000*	40.7	318.0	14,700*	44.6	327.4	19,400*	48.3	334.9	22,200	175
180	35.4	303.7	11,500*	38.4	311.8	13,900*	42.5	322.0	18,400*	46.3	330.2	21,200	180
185	32.9	296.1	10,900*	36.0	305.1	13,200*	40.4	316.2	17,500*	44.3	325.2	20,300	185
190	30.1	287.8	10,500*	33.5	297.7	12,600*	38.1	310.0	16,600*	42.3	319.7	19,400	190
195	27.1	278.4	10,100*	30.8	289.6	12,000*	35.7	303.2	15,700*	40.1	313.9	18,600	195
200	23.7	267.6	9,700*	27.9	280.5	11,500*	33.2	295.7	14,900*	37.8	307.6	17,800	200
205	19.8	254.6	9,400*	24.6	270.1	11,100*	30.5	287.5	14,200*	35.4	300.7	17,000	205
210	14.9	238.0	9,300*	20.9	257.8	10,700*	27.5	278.2	13,600*	32.8	293.1	16,300	210
215	7.0	210.7	9,300*	16.3	242.3	10,400*	24.2	267.6	13,000*	30.1	284.7	15,600	215
220				9.7	219.6	10,200*	20.4	255.0	12,400*	27.1	275.3	14,900	220
225							15.6	239.0	12,000*	23.7	264.5	14,300	225
230							8.5	214.3	11,700*	19.8	251.5	13,700	230
235										14.8	234.8	13,100	235
240										6.9	207.2	12,500*	240



Liftcrane Fixed Jib Capacities

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	31,000*	125
130	57.4	366.0	19,000*	59.4	369.5	23,200*	62.3	373.9	29,300*	65.1	377.1	31,000*	130
135	55.8	362.6	18,000*	57.8	366.4	22,000*	60.8	371.1	28,100*	63.6	374.6	30,900*	135
140	54.1	359.0	17,100*	56.2	363.1	21,000*	59.2	368.1	27,000*	62.1	372.0	30,700	140
145	52.4	355.2	16,200*	54.5	359.6	19,900*	57.6	365.0	25,800*	60.5	369.2	29,100	145
150	50.7	351.2	15,400*	52.9	355.8	18,900*	56.0	361.6	24,600*	59.0	366.2	27,700	150
155	48.9	346.9	14,600*	51.1	351.8	17,900*	54.3	358.1	23,500*	57.4	363.0	26,300	155
160	47.1	342.3	13,900*	49.4	347.6	17,000*	52.6	354.3	22,400*	55.7	359.6	25,000	160
165	45.2	337.4	13,200*	47.5	343.0	16,200*	50.9	350.3	21,300*	54.1	356.1	23,800	165
170	43.2	332.1	12,500*	45.7	338.2	15,400*	49.1	346.0	20,300*	52.4	352.2	22,700	170
175	41.2	326.5	11,900*	43.7	333.1	14,600*	47.3	341.4	19,300*	50.7	348.2	21,700	175
180	39.1	320.4	11,300*	41.7	327.5	13,900*	45.4	336.6	18,400*	48.9	343.9	20,700	180
185	36.9	313.9	10,800*	39.6	321.6	13,200*	43.5	331.4	17,500*	47.1	339.3	19,800	185
190	34.5	306.8	10,300*	37.5	315.2	12,600*	41.5	325.8	16,600*	45.2	334.4	18,900	190
195	32.0	299.0	9,900*	35.1	308.2	12,000*	39.4	319.8	15,800*	43.2	329.1	18,100	195
200	29.4	290.4	9,500*	32.7	300.6	11,500*	37.2	313.3	15,000*	41.2	323.5	17,300	200
205	26.4	280.7	9,200*	30.1	292.3	11,000*	34.8	306.3	14,300*	39.1	317.4	16,500	205
210	23.1	269.6	8,900*	27.2	282.9	10,500*	32.4	298.6	13,600*	36.9	310.9	15,800	210
215	19.3	256.3	8,700*	24.0	272.2	10,100*	29.7	290.1	13,000*	34.5	303.8	15,100	215
220	14.5	239.2	8,500*	20.4	259.5	9,800*	26.8	280.6	12,400*	32.0	296.0	14,500	220
225	6.9	211.2	8,500*	15.9	243.7	9,600*	23.6	269.7	11,900*	29.3	287.3	13,800*	225
230				9.5	220.4	9,500*	19.9	256.7	11,500*	26.4	277.6	13,100*	230
235							15.2	240.3	11,100*	23.1	266.5	12,500*	235
240							8.3	215.0	10,900*	19.3	253.2	11,900*	240
245										14.5	236.1	11,200*	245
250										6.7	207.7	10,600*	250

Liftcrane Fixed Jib Capacities

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

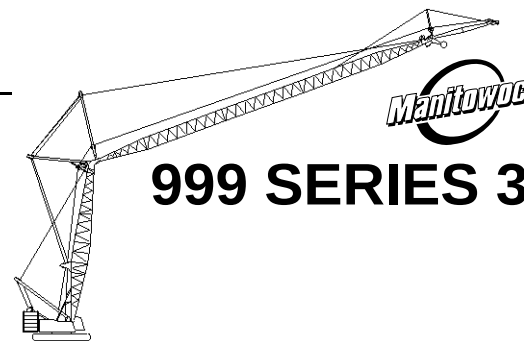
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	28,700*	130
135	57.5	374.7	17,600*	59.4	378.2	21,500*	62.2	382.5	27,200*	64.9	385.8	28,700*	135
140	56.0	371.3	16,800*	57.9	375.1	20,500*	60.7	379.7	26,100*	63.4	383.3	28,600*	140
145	54.4	367.8	15,900*	56.4	371.8	19,500*	59.2	376.8	25,100*	62.0	380.6	28,600*	145
150	52.8	364.0	15,100*	54.8	368.3	18,600*	57.7	373.7	24,100*	60.5	377.8	27,400	150
155	51.1	360.0	14,400*	53.2	364.6	17,700*	56.2	370.3	23,000*	59.0	374.9	26,000	155
160	49.4	355.8	13,700*	51.6	360.6	16,800*	54.6	366.8	22,000*	57.5	371.7	24,800	160
165	47.7	351.3	13,000*	49.9	356.5	16,000*	53.0	363.1	21,000*	55.9	368.3	23,600	165
170	45.9	346.5	12,400*	48.2	352.0	15,200*	51.3	359.1	20,000*	54.4	364.8	22,500	170
175	44.1	341.4	11,800*	46.4	347.3	14,500*	49.7	354.9	19,100*	52.8	361.0	21,400	175
180	42.2	336.0	11,200*	44.6	342.3	13,800*	47.9	350.4	18,200*	51.1	357.0	20,400	180
185	40.2	330.1	10,700*	42.7	337.0	13,200*	46.2	345.7	17,400*	49.4	352.8	19,500	185
190	38.2	323.9	10,200*	40.7	331.2	12,600*	44.3	340.6	16,600*	47.7	348.3	18,600	190
195	36.0	317.1	9,800*	38.7	325.1	12,000*	42.4	335.2	15,800*	45.9	343.5	17,800	195
200	33.7	309.8	9,400*	36.6	318.5	11,400*	40.5	329.5	15,100*	44.1	338.4	17,000	200
205	31.3	301.8	9,000*	34.3	311.3	10,900*	38.4	323.3	14,400*	42.2	333.0	16,300	205
210	28.7	292.9	8,700*	31.9	303.5	10,500*	36.3	316.6	13,700*	40.2	327.1	15,600	210
215	25.8	283.0	8,400*	29.4	294.8	10,000*	34.0	309.3	13,100*	38.1	320.9	14,900	215
220	22.6	271.5	8,100*	26.6	285.2	9,700*	31.6	301.4	12,500*	36.0	314.1	14,200*	220
225	18.9	257.9	8,000*	23.5	274.2	9,300*	29.0	292.7	12,000*	33.7	306.8	13,500*	225
230	14.2	240.5	7,900*	19.9	261.2	9,100*	26.2	282.9	11,500*	31.3	298.7	12,800*	230
235	6.7	211.7	7,900*	15.5	245.0	8,900*	23.0	271.7	11,100*	28.6	289.9	12,200*	235
240				9.2	221.1	8,800*	19.4	258.4	10,700*	25.8	279.9	11,500*	240
245							14.9	241.6	10,400*	22.6	268.5	10,900*	245
250							8.1	215.7	10,000*	18.8	254.8	10,400*	250
255										14.1	237.3	9,800*	255
260										6.5	208.3	9,200*	260



Liftcrane Fixed Jib Capacities

999 SERIES 3

**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**

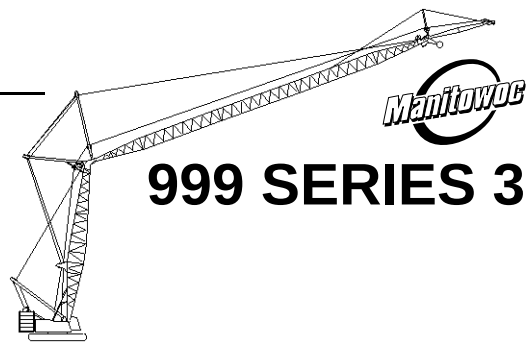
180 Ft. Boom, 200 Ft. Luffing Jib, 30 Ft. Fixed Jib

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	26,400*	135
140	57.6	383.3	16,300*	59.4	386.9	19,900*	62.1	391.2	25,100*	64.7	394.5	26,300*	140
145	56.1	380.0	15,500*	58.0	383.8	19,000*	60.7	388.4	24,200*	63.3	392.0	26,300*	145
150	54.6	376.5	14,800*	56.5	380.5	18,100*	59.3	385.5	23,200*	61.9	389.3	26,200*	150
155	53.1	372.8	14,100*	55.0	377.0	17,300*	57.8	382.3	22,300*	60.5	386.5	25,500	155
160	51.5	368.8	13,400*	53.5	373.3	16,500*	56.3	379.0	21,400*	59.1	383.5	24,300	160
165	49.9	364.7	12,800*	51.9	369.5	15,700*	54.8	375.5	20,500*	57.6	380.4	23,100	165
170	48.3	360.3	12,200*	50.3	365.3	15,000*	53.3	371.8	19,600*	56.1	377.0	22,000	170
175	46.6	355.6	11,600*	48.7	361.0	14,300*	51.7	367.9	18,800*	54.6	373.5	20,900	175
180	44.9	350.6	11,100*	47.0	356.4	13,600*	50.1	363.8	17,900*	53.1	369.8	19,900	180
185	43.1	345.3	10,600*	45.3	351.5	13,000*	48.5	359.4	17,100*	51.5	365.9	19,000	185
190	41.2	339.7	10,100*	43.5	346.3	12,400*	46.8	354.8	16,400*	49.9	361.7	18,100	190
195	39.3	333.7	9,600*	41.7	340.8	11,900*	45.1	349.8	15,600*	48.3	357.3	17,300	195
200	37.3	327.2	9,200*	39.8	334.9	11,300*	43.3	344.6	15,000*	46.6	352.6	16,500	200
205	35.2	320.3	8,800*	37.8	328.5	10,800*	41.5	339.0	14,300*	44.9	347.6	15,800*	205
210	33.0	312.7	8,500*	35.7	321.7	10,300*	39.6	333.1	13,600*	43.1	342.3	15,000*	210
215	30.6	304.5	8,200*	33.5	314.3	9,900*	37.6	326.7	13,000*	41.2	336.7	14,200*	215
220	28.0	295.4	7,900*	31.2	306.3	9,500*	35.5	319.8	12,400*	39.3	330.7	13,500*	220
225	25.2	285.2	7,600*	28.7	297.4	9,200*	33.2	312.3	11,900*	37.3	324.2	12,800*	225
230	22.1	273.5	7,400*	26.0	287.5	8,800*	30.9	304.2	11,400*	35.2	317.3	12,100*	230
235	18.4	259.5	7,300*	22.9	276.2	8,600*	28.4	295.2	11,000*	32.9	309.7	11,500*	235
240	13.9	241.6	7,200*	19.4	262.9	8,300*	25.6	285.1	10,600*	30.6	301.5	10,900*	240
245	6.5	212.3	6,900*	15.2	246.3	8,200*	22.5	273.6	10,200*	28.0	292.3	10,300*	245
250				9.0	221.9	8,000*	18.9	260.0	9,700*	25.2	282.1	9,700*	250
255							14.5	242.8	9,100*	22.0	270.4	9,200*	255
260							7.9	216.3	8,300*	18.4	256.4	8,700*	260
265										13.8	238.5	8,100*	265
270										6.4	208.8	7,600*	270

Liftcrane Fixed Jib Capacities

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

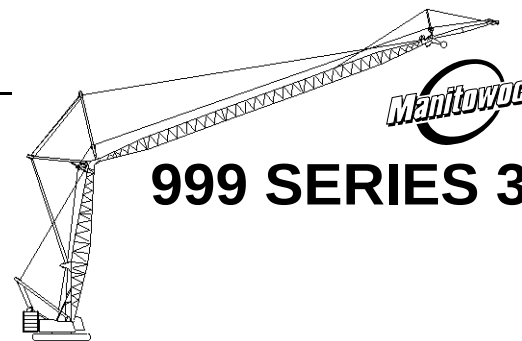
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	24,200*	140
145	57.7	392.0	15,100*	59.5	395.5	18,500*	62.0	399.9	23,200*	64.5	403.1	24,200*	145
150	56.3	388.7	14,400*	58.1	392.4	17,700*	60.7	397.1	22,400*	63.2	400.6	24,100*	150
155	54.9	385.2	13,800*	56.7	389.2	16,900*	59.3	394.1	21,600*	61.8	398.0	24,100*	155
160	53.4	381.5	13,100*	55.2	385.7	16,200*	57.9	391.0	20,700*	60.5	395.2	23,800	160
165	51.9	377.6	12,500*	53.8	382.1	15,400*	56.5	387.7	19,900*	59.1	392.2	22,700	165
170	50.4	373.5	11,900*	52.3	378.2	14,700*	55.1	384.2	19,100*	57.7	389.0	21,500	170
175	48.8	369.2	11,400*	50.8	374.2	14,100*	53.6	380.6	18,300*	56.3	385.7	20,500	175
180	47.2	364.6	10,900*	49.2	369.9	13,500*	52.1	376.7	17,600*	54.8	382.2	19,500	180
185	45.6	359.8	10,400*	47.6	365.4	12,800*	50.6	372.7	16,800*	53.4	378.6	18,600	185
190	43.9	354.6	9,900*	46.0	360.6	12,300*	49.0	368.4	16,100*	51.9	374.7	17,700	190
195	42.1	349.2	9,500*	44.3	355.6	11,700*	47.4	363.8	15,400*	50.4	370.6	16,900*	195
200	40.3	343.4	9,100*	42.6	350.2	11,200*	45.8	359.0	14,800*	48.8	366.2	16,000*	200
205	38.4	337.2	8,700*	40.8	344.5	10,700*	44.1	353.9	14,100*	47.2	361.6	15,200*	205
210	36.5	330.5	8,300*	38.9	338.4	10,300*	42.4	348.5	13,500*	45.6	356.8	14,400*	210
215	34.4	323.4	8,000*	37.0	331.9	9,900*	40.6	342.7	13,000*	43.9	351.6	13,700*	215
220	32.2	315.6	7,700*	35.0	324.8	9,400*	38.7	336.6	12,400*	42.1	346.2	12,900*	220
225	29.9	307.1	7,400*	32.8	317.2	9,100*	36.7	330.0	11,900*	40.3	340.4	12,200*	225
230	27.4	297.8	7,200*	30.5	309.0	8,700*	34.7	322.9	11,400*	38.4	334.2	11,600*	230
235	24.7	287.3	7,000*	28.1	299.9	8,400*	32.5	315.2	10,900*	36.5	327.5	11,000*	235
240	21.6	275.3	6,800*	25.4	289.7	8,100*	30.2	306.8	10,300*	34.4	320.3	10,300*	240
245	18.0	261.1	6,700*	22.4	278.2	7,900*	27.7	297.6	9,700*	32.2	312.6	9,800*	245
250	13.6	242.8	6,700*	19.0	264.6	7,700*	25.0	287.3	9,200*	29.9	304.1	9,200*	250
255	6.4	212.8	5,500*	14.8	247.6	7,600*	22.0	275.6	8,600*	27.4	294.8	8,700*	255
260				8.8	222.6	6,500*	18.5	261.6	8,100*	24.6	284.3	8,100*	260
265							14.2	244.0	7,600*	21.6	272.3	7,600*	265
270							7.7	216.9	6,700*	18.0	258.0	7,200*	270
275										13.5	239.6	6,700*	275
280										6.2	209.3	6,200*	280



Liftcrane Fixed Jib Capacities

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	30,100*	130
135	56.2	362.5	17,700*	58.2	366.3	21,700*	61.2	371.0	27,800*	64.0	374.5	30,100*	135
140	54.5	358.9	16,800*	56.6	363.0	20,600*	59.6	368.0	26,600*	62.5	371.9	30,100*	140
145	52.8	355.1	15,900*	55.0	359.4	19,500*	58.0	364.9	25,400*	61.0	369.1	29,800	145
150	51.1	351.0	15,000*	53.3	355.7	18,500*	56.4	361.5	24,200*	59.4	366.1	28,300	150
155	49.3	346.7	14,200*	51.6	351.7	17,500*	54.8	358.0	23,100*	57.8	362.9	26,900	155
160	47.5	342.1	13,500*	49.8	347.4	16,600*	53.1	354.2	22,000*	56.2	359.5	25,700	160
165	45.6	337.2	12,800*	48.0	342.9	15,700*	51.3	350.1	20,900*	54.5	355.9	24,500	165
170	43.7	332.0	12,100*	46.1	338.1	14,900*	49.6	345.9	19,800*	52.8	352.1	23,400	170
175	41.6	326.3	11,500*	44.2	332.9	14,100*	47.7	341.3	18,800*	51.1	348.1	22,300	175
180	39.5	320.3	10,900*	42.2	327.4	13,400*	45.9	336.4	17,900*	49.3	343.7	21,300	180
185	37.3	313.7	10,400*	40.1	321.4	12,700*	43.9	331.2	16,900*	47.5	339.1	20,400	185
190	35.0	306.6	9,900*	37.9	315.0	12,100*	41.9	325.6	16,100*	45.6	334.2	19,500	190
195	32.5	298.8	9,400*	35.6	308.1	11,500*	39.8	319.6	15,200*	43.6	329.0	18,700	195
200	29.8	290.2	9,000*	33.1	300.5	10,900*	37.6	313.2	14,400*	41.6	323.3	17,900	200
205	26.8	280.5	8,700*	30.5	292.1	10,400*	35.3	306.1	13,700*	39.5	317.3	17,100	205
210	23.5	269.3	8,400*	27.6	282.6	9,900*	32.8	298.4	13,000*	37.3	310.7	16,400	210
215	19.7	256.0	8,100*	24.4	271.9	9,500*	30.1	289.9	12,400*	34.9	303.6	15,700	215
220	14.9	238.8	7,900*	20.7	259.2	9,200*	27.2	280.4	11,800*	32.4	295.8	15,100	220
225													
230	7.1	210.3	7,900*	16.2	243.3	8,900*	24.0	269.4	11,300*	29.7	287.1	14,400	225
235				9.7	219.7	8,800*	20.2	256.4	10,800*	26.8	277.4	13,800	230
240							15.6	239.9	10,400*	23.5	266.2	13,300	235
245							8.5	214.3	10,100*	19.6	252.9	12,600*	240
250										14.8	235.7	12,000*	245
										6.9	206.8	11,400*	250

Liftcrane Fixed Jib Capacities

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

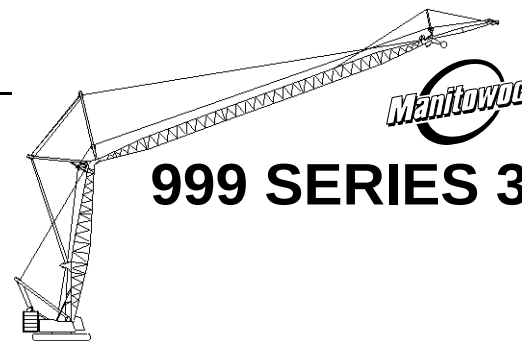
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	27,800*	130
135	57.9	374.6	17,300*	59.8	378.1	21,100*	62.6	382.4	26,700*	65.3	385.7	27,800*	135
140	56.4	371.2	16,400*	58.3	375.0	20,100*	61.1	379.6	25,700*	63.9	383.2	27,800*	140
145	54.8	367.6	15,600*	56.8	371.7	19,100*	59.6	376.7	24,700*	62.4	380.5	27,800*	145
150	53.2	363.9	14,800*	55.2	368.2	18,200*	58.1	373.5	23,600*	60.9	377.7	27,700*	150
155	51.5	359.9	14,100*	53.6	364.5	17,300*	56.6	370.2	22,600*	59.4	374.7	26,400	155
160	49.9	355.6	13,300*	52.0	360.5	16,400*	55.0	366.7	21,600*	57.9	371.6	25,200	160
165	48.1	351.1	12,700*	50.3	356.3	15,600*	53.4	362.9	20,600*	56.4	368.2	24,000	165
170	46.3	346.4	12,000*	48.6	351.9	14,800*	51.8	359.0	19,600*	54.8	364.7	22,900	170
175	44.5	341.3	11,400*	46.8	347.2	14,100*	50.1	354.8	18,700*	53.2	360.9	21,800	175
180	42.6	335.8	10,800*	45.0	342.2	13,400*	48.3	350.3	17,800*	51.5	356.9	20,800	180
185	40.6	330.0	10,300*	43.1	336.8	12,700*	46.6	345.6	16,900*	49.8	352.7	19,900	185
190	38.6	323.7	9,800*	41.1	331.1	12,100*	44.7	340.5	16,100*	48.1	348.2	19,000	190
195	36.4	317.0	9,400*	39.1	324.9	11,500*	42.8	335.1	15,300*	46.3	343.4	18,200	195
200	34.1	309.6	8,900*	37.0	318.3	10,900*	40.9	329.3	14,500*	44.5	338.3	17,400	200
205	31.7	301.6	8,600*	34.7	311.1	10,400*	38.8	323.1	13,800*	42.6	332.8	16,600	205
210	29.1	292.7	8,200*	32.3	303.3	9,900*	36.7	316.4	13,100*	40.6	327.0	15,900	210
215	26.2	282.7	7,900*	29.7	294.6	9,500*	34.4	309.2	12,500*	38.5	320.7	15,200	215
220	23.0	271.3	7,700*	26.9	285.0	9,100*	32.0	301.2	11,900*	36.4	313.9	14,600	220
225	19.2	257.6	7,500*	23.8	273.9	8,800*	29.4	292.5	11,300*	34.1	306.6	13,900*	225
230	14.5	240.0	7,300*	20.2	260.9	8,500*	26.6	282.6	10,800*	31.6	298.5	13,300*	230
235	6.9	210.8	7,300*	15.8	244.6	8,300*	23.4	271.4	10,400*	29.0	289.7	12,600*	235
240				9.5	220.5	8,200*	19.7	258.1	10,000*	26.1	279.7	12,000*	240
245							15.2	241.2	9,700*	22.9	268.2	11,400*	245
250							8.3	214.9	9,500*	19.2	254.5	10,800*	250
255										14.5	236.9	10,300*	255
260										6.7	207.3	9,700*	260



Liftcrane Fixed Jib Capacities

**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

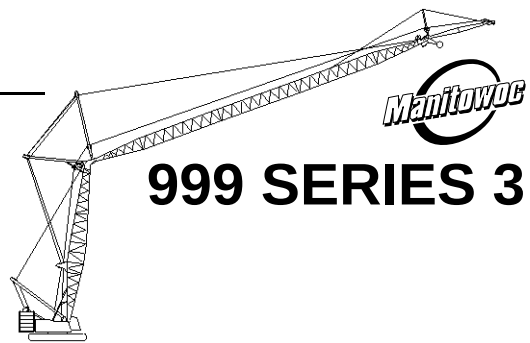
180 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

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	26,100*	135
140	58.0	383.2	16,100*	59.8	386.7	19,600*	62.5	391.1	24,800*	65.1	394.3	25,800*	140
145	56.5	379.9	15,300*	58.4	383.6	18,700*	61.1	388.3	23,900*	63.7	391.8	25,800*	145
150	55.0	376.4	14,500*	56.9	380.4	17,900*	59.7	385.3	23,000*	62.3	389.2	25,800*	150
155	53.5	372.6	13,800*	55.4	376.9	17,000*	58.2	382.2	22,100*	60.9	386.4	25,700*	155
160	51.9	368.7	13,200*	53.9	373.2	16,200*	56.7	378.9	21,100*	59.5	383.4	24,900	160
165	50.3	364.5	12,500*	52.3	369.3	15,400*	55.2	375.4	20,200*	58.0	380.3	23,700	165
170	48.7	360.1	11,900*	50.7	365.2	14,700*	53.7	371.7	19,300*	56.5	376.9	22,600	170
175	47.0	355.4	11,300*	49.1	360.9	14,000*	52.1	367.8	18,500*	55.0	373.4	21,500	175
180	45.3	350.5	10,800*	47.4	356.3	13,300*	50.5	363.7	17,600*	53.5	369.7	20,600	180
185	43.5	345.2	10,200*	45.7	351.4	12,600*	48.9	359.3	16,800*	51.9	365.7	19,600	185
190	41.6	339.6	9,800*	43.9	346.2	12,100*	47.2	354.6	16,000*	50.3	361.6	18,700	190
195	39.7	333.5	9,300*	42.1	340.6	11,500*	45.5	349.7	15,300*	48.7	357.1	17,900	195
200	37.7	327.1	8,900*	40.2	334.7	11,000*	43.7	344.5	14,600*	47.0	352.5	17,100	200
205	35.6	320.1	8,500*	38.2	328.4	10,400*	41.9	338.9	13,900*	45.2	347.5	16,400	205
210	33.3	312.6	8,100*	36.1	321.5	10,000*	39.9	332.9	13,200*	43.4	342.2	15,700	210
215	30.9	304.3	7,800*	33.9	314.1	9,500*	37.9	326.5	12,600*	41.6	336.6	15,000	215
220	28.4	295.2	7,500*	31.6	306.1	9,100*	35.8	319.6	12,000*	39.7	330.5	14,300*	220
225	25.6	284.9	7,300*	29.1	297.2	8,700*	33.6	312.1	11,400*	37.6	324.1	13,600*	225
230	22.4	273.2	7,100*	26.3	287.2	8,400*	31.3	304.0	10,900*	35.5	317.1	12,900*	230
235	18.8	259.2	6,900*	23.3	275.9	8,100*	28.7	295.0	10,500*	33.3	309.5	12,300*	235
240	14.2	241.2	6,800*	19.8	262.6	7,900*	26.0	284.9	10,100*	30.9	301.3	11,700*	240
245	6.7	211.3	6,800*	15.5	245.9	7,700*	22.9	273.4	9,700*	28.4	292.1	11,100*	245
250				9.3	221.2	7,600*	19.3	259.7	9,300*	25.5	281.9	10,500*	250
255							14.8	242.4	9,100*	22.4	270.1	9,900*	255
260							8.1	215.5	8,900*	18.7	256.1	9,400*	260
265										14.1	238.0	8,900*	265
270										6.6	207.8	8,400*	270

Liftcrane Fixed Jib Capacities

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

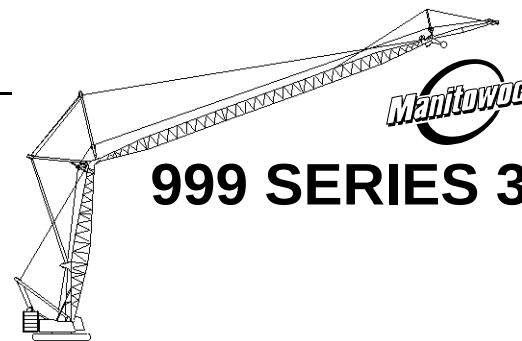
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	23,800*	140
145	58.1	391.9	14,900*	59.8	395.4	18,200*	62.4	399.7	23,000*	64.9	403.0	23,800*	145
150	56.7	388.6	14,200*	58.5	392.3	17,400*	61.0	397.0	22,100*	63.5	400.5	23,800*	150
155	55.2	385.1	13,500*	57.0	389.0	16,600*	59.7	394.0	21,300*	62.2	397.9	23,700*	155
160	53.8	381.4	12,900*	55.6	385.6	15,900*	58.3	390.9	20,500*	60.9	395.0	23,700*	160
165	52.3	377.5	12,300*	54.2	382.0	15,100*	56.9	387.6	19,700*	59.5	392.1	23,200	165
170	50.8	373.4	11,700*	52.7	378.1	14,400*	55.4	384.1	18,900*	58.1	388.9	22,100	170
175	49.2	369.1	11,100*	51.1	374.1	13,800*	54.0	380.5	18,100*	56.7	385.6	21,000	175
180	47.6	364.5	10,600*	49.6	369.8	13,100*	52.5	376.6	17,300*	55.2	382.1	20,100	180
185	45.9	359.6	10,100*	48.0	365.3	12,500*	51.0	372.5	16,500*	53.8	378.4	19,100	185
190	44.2	354.5	9,600*	46.4	360.5	11,900*	49.4	368.2	15,800*	52.3	374.5	18,300	190
195	42.5	349.0	9,200*	44.7	355.4	11,400*	47.8	363.7	15,100*	50.7	370.4	17,400	195
200	40.7	343.2	8,800*	43.0	350.0	10,900*	46.2	358.8	14,400*	49.2	366.1	16,600	200
205	38.8	337.0	8,400*	41.2	344.3	10,400*	44.5	353.7	13,800*	47.6	361.5	15,900*	205
210	36.8	330.4	8,000*	39.3	338.2	9,900*	42.7	348.3	13,200*	45.9	356.6	15,100*	210
215	34.8	323.2	7,700*	37.3	331.7	9,500*	40.9	342.6	12,600*	44.2	351.5	14,300*	215
220	32.6	315.4	7,400*	35.3	324.7	9,100*	39.1	336.4	12,000*	42.5	346.0	13,600*	220
225	30.3	306.9	7,100*	33.2	317.0	8,700*	37.1	329.8	11,500*	40.7	340.2	12,900*	225
230	27.8	297.6	6,900*	30.9	308.8	8,300*	35.0	322.7	11,000*	38.8	334.0	12,200*	230
235	25.0	287.1	6,600*	28.4	299.6	8,000*	32.9	315.0	10,500*	36.8	327.3	11,600*	235
240	21.9	275.1	6,500*	25.7	289.5	7,700*	30.6	306.6	10,000*	34.8	320.2	11,000*	240
245	18.4	260.7	6,300*	22.8	277.9	7,500*	28.1	297.4	9,600*	32.6	312.4	10,400*	245
250	13.9	242.3	6,300*	19.3	264.3	7,300*	25.4	287.1	9,300*	30.2	303.9	9,900*	250
255	6.5	211.8	6,100*	15.1	247.2	7,100*	22.4	275.3	8,900*	27.7	294.5	9,300*	255
260				9.0	221.9	7,100*	18.9	261.3	8,700*	25.0	284.0	8,800*	260
265							14.5	243.6	8,200*	21.9	272.0	8,300*	265
270							7.9	216.1	7,400*	18.3	257.6	7,800*	270
275										13.8	239.1	7,300*	275
280										6.4	208.2	6,800*	280



Liftcrane Fixed Jib Capacities

**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

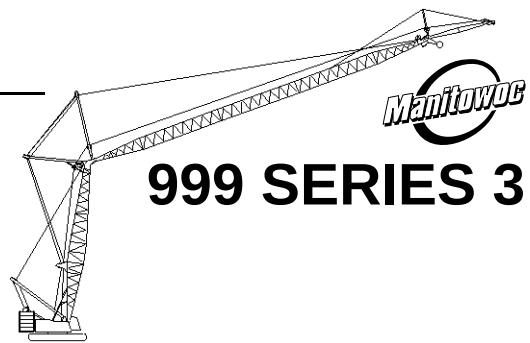
180 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

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	21,900*	145
150	58.2	400.6	13,800*	59.9	404.1	16,900*	62.3	408.4	21,200*	64.7	411.7	21,900*	150
155	56.8	397.3	13,200*	58.5	401.0	16,200*	61.0	405.6	20,500*	63.4	409.2	21,900*	155
160	55.4	393.8	12,600*	57.2	397.7	15,500*	59.7	402.7	19,800*	62.1	406.5	21,800*	160
165	54.0	390.2	12,000*	55.8	394.3	14,800*	58.3	399.6	19,100*	60.8	403.7	21,700*	165
170	52.6	386.3	11,500*	54.4	390.7	14,200*	57.0	396.3	18,300*	59.5	400.7	21,700*	170
175	51.1	382.3	10,900*	53.0	386.9	13,500*	55.6	392.8	17,600*	58.2	397.6	20,600*	175
180	49.7	378.0	10,400*	51.5	382.9	12,900*	54.2	389.2	16,900*	56.8	394.3	19,600*	180
185	48.1	373.5	9,900*	50.0	378.7	12,400*	52.8	385.4	16,200*	55.4	390.8	18,700*	185
190	46.6	368.8	9,500*	48.5	374.3	11,800*	51.3	381.4	15,500*	54.0	387.2	17,800*	190
195	45.0	363.7	9,100*	47.0	369.6	11,300*	49.8	377.1	14,900*	52.6	383.3	17,000*	195
200	43.3	358.4	8,700*	45.4	364.6	10,800*	48.3	372.7	14,200*	51.1	379.3	16,200*	200
205	41.6	352.8	8,300*	43.7	359.4	10,300*	46.8	367.9	13,600*	49.6	375.0	15,300*	205
210	39.8	346.8	7,900*	42.0	353.8	9,800*	45.2	363.0	13,000*	48.1	370.5	14,500*	210
215	38.0	340.4	7,600*	40.3	347.9	9,400*	43.5	357.7	12,500*	46.5	365.8	13,800*	215
220	36.1	333.6	7,300*	38.5	341.7	9,000*	41.8	352.1	12,000*	44.9	360.7	13,100*	220
225	34.0	326.2	7,000*	36.6	334.9	8,700*	40.1	346.2	11,400*	43.3	355.4	12,400*	225
230	31.9	318.2	6,700*	34.6	327.7	8,300*	38.2	339.8	11,000*	41.6	349.8	11,700*	230
235	29.6	309.5	6,500*	32.5	319.9	7,900*	36.3	333.0	10,500*	39.8	343.8	11,100*	235
240	27.2	299.9	6,300*	30.2	311.4	7,600*	34.3	325.7	10,000*	38.0	337.4	10,500*	240
245	24.5	289.2	6,100*	27.8	302.1	7,400*	32.2	317.9	9,600*	36.0	330.5	9,900*	245
250	21.5	276.9	5,900*	25.2	291.6	7,100*	29.9	309.3	9,200*	34.0	323.2	9,300*	250
255	18.0	262.3	5,800*	22.3	279.8	6,900*	27.5	299.8	8,800*	31.9	315.2	8,800*	255
260	13.6	243.5	5,800*	18.9	265.9	6,800*	24.9	289.2	8,200*	29.6	306.5	8,300*	260
265	6.4	212.2	4,700*	14.8	248.4	6,600*	21.9	277.1	7,700*	27.2	296.9	7,800*	265
270				8.8	222.6	5,700*	18.5	262.9	7,200*	24.5	286.1	7,300*	270
275							14.2	244.8	6,800*	21.4	273.8	6,800*	275
280							7.7	216.7	5,900*	17.9	259.1	6,300*	280
285										13.5	240.3	5,900*	285
290										6.2	208.7	5,400*	290

Liftcrane Fixed Jib Capacities

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

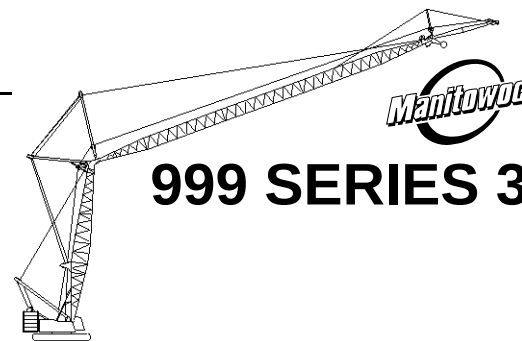
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	26,300*	135
140	56.9	371.8	16,600*	58.8	375.5	20,200*	61.7	380.1	25,700*	64.4	383.6	26,300*	140
145	55.3	368.3	15,700*	57.3	372.3	19,200*	60.2	377.2	24,700*	62.9	381.0	26,300*	145
150	53.7	364.6	14,900*	55.7	368.8	18,300*	58.6	374.1	23,700*	61.4	378.2	26,300*	150
155	52.1	360.6	14,100*	54.1	365.1	17,400*	57.1	370.8	22,700*	60.0	375.3	25,700*	155
160	50.4	356.4	13,400*	52.5	361.2	16,500*	55.5	367.3	21,700*	58.4	372.1	24,700*	160
165	48.7	352.0	12,700*	50.8	357.1	15,600*	53.9	363.6	20,600*	56.9	368.8	23,700*	165
170	46.9	347.2	12,000*	49.1	352.7	14,800*	52.3	359.7	19,700*	55.3	365.3	22,800*	170
175	45.1	342.2	11,400*	47.4	348.0	14,100*	50.6	355.5	18,700*	53.7	361.6	21,900*	175
180	43.2	336.8	10,800*	45.6	343.1	13,400*	48.9	351.1	17,800*	52.1	357.6	21,100*	180
185	41.2	331.0	10,300*	43.7	337.8	12,700*	47.1	346.4	16,900*	50.4	353.4	20,400*	185
190	39.2	324.9	9,800*	41.7	332.1	12,000*	45.3	341.4	16,000*	48.7	349.0	19,600	190
195	37.0	318.2	9,300*	39.7	326.1	11,400*	43.4	336.1	15,200*	46.9	344.2	18,800	195
200	34.8	311.0	8,800*	37.6	319.5	10,800*	41.5	330.4	14,400*	45.1	339.2	18,000	200
205	32.4	303.1	8,400*	35.4	312.4	10,300*	39.5	324.2	13,700*	43.2	333.8	17,300	205
210	29.8	294.3	8,100*	33.0	304.7	9,800*	37.3	317.6	13,000*	41.2	328.0	16,500	210
215	27.0	284.6	7,700*	30.5	296.2	9,300*	35.1	310.5	12,300*	39.2	321.8	15,900	215
220	23.8	273.4	7,500*	27.7	286.8	8,900*	32.7	302.7	11,700*	37.0	315.2	15,200	220
225	20.2	260.3	7,200*	24.7	276.0	8,600*	30.1	294.1	11,100*	34.8	307.9	14,600	225
230	15.7	243.6	7,100*	21.2	263.4	8,200*	27.3	284.5	10,600*	32.3	300.0	14,000	230
235	9.0	218.2	7,000*	17.0	247.9	8,000*	24.2	273.5	10,100*	29.8	291.3	13,400	235
240				11.2	225.9	7,800*	20.7	260.7	9,700*	26.9	281.5	12,700*	240
245							16.4	244.6	9,300*	23.8	270.4	12,100*	245
250							10.2	221.1	9,100*	20.1	257.1	11,600*	250
255										15.7	240.4	11,100*	255
260										8.9	214.8	10,600*	260



Liftcrane Fixed Jib Capacities

**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

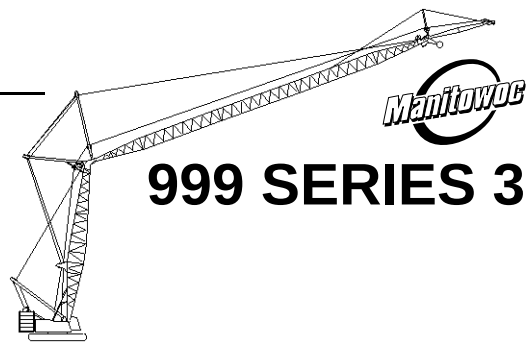
180 Ft. Boom, 180 Ft. Luffing Jib, 50 Ft. Fixed Jib

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	24,600*	135
140	58.5	383.8	16,200*	60.3	387.3	19,700*	63.0	391.5	24,800*	65.6	394.8	24,600*	140
145	57.0	380.5	15,400*	58.9	384.2	18,800*	61.6	388.8	23,900*	64.2	392.3	24,600*	145
150	55.5	377.0	14,600*	57.4	380.9	17,900*	60.2	385.9	23,000*	62.8	389.7	24,600*	150
155	54.0	373.3	13,900*	55.9	377.5	17,100*	58.7	382.8	22,000*	61.4	386.9	24,600*	155
160	52.5	369.4	13,200*	54.4	373.9	16,300*	57.2	379.5	21,100*	60.0	383.9	23,600*	160
165	50.9	365.3	12,500*	52.9	370.0	15,500*	55.7	376.0	20,200*	58.5	380.8	22,700*	165
170	49.2	360.9	11,900*	51.3	365.9	14,700*	54.2	372.4	19,300*	57.0	377.5	21,900*	170
175	47.5	356.3	11,300*	49.6	361.6	14,000*	52.7	368.5	18,500*	55.5	374.0	21,000*	175
180	45.8	351.4	10,800*	48.0	357.1	13,300*	51.1	364.4	17,600*	54.0	370.3	20,300*	180
185	44.0	346.1	10,200*	46.3	352.2	12,600*	49.4	360.1	16,800*	52.4	366.4	19,600*	185
190	42.2	340.6	9,700*	44.5	347.1	12,000*	47.8	355.5	16,000*	50.8	362.3	18,900*	190
195	40.3	334.6	9,200*	42.7	341.6	11,400*	46.0	350.6	15,200*	49.2	357.9	18,200*	195
200	38.3	328.2	8,800*	40.8	335.8	10,900*	44.3	345.4	14,500*	47.5	353.3	17,500*	200
205	36.2	321.4	8,400*	38.8	329.5	10,300*	42.4	339.9	13,800*	45.8	348.4	16,800*	205
210	34.0	313.9	8,000*	36.7	322.8	9,800*	40.5	334.0	13,100*	44.0	343.1	16,000*	210
215	31.6	305.8	7,700*	34.6	315.5	9,400*	38.5	327.7	12,500*	42.2	337.6	15,400*	215
220	29.1	296.9	7,400*	32.2	307.5	8,900*	36.5	320.9	11,900*	40.3	331.6	14,700*	220
225	26.3	286.8	7,100*	29.8	298.8	8,600*	34.3	313.5	11,300*	38.3	325.2	14,100*	225
230	23.3	275.4	6,800*	27.1	289.1	8,200*	31.9	305.5	10,700*	36.2	318.4	13,500*	230
235	19.7	261.9	6,700*	24.1	278.1	7,900*	29.4	296.6	10,300*	34.0	310.9	12,900*	235
240	15.3	244.8	6,500*	20.7	265.2	7,600*	26.7	286.8	9,800*	31.6	302.8	12,200*	240
245	8.8	218.9	6,500*	16.6	249.3	7,400*	23.7	275.5	9,400*	29.1	293.8	11,600*	245
250				10.9	226.8	7,300*	20.2	262.3	9,000*	26.3	283.8	11,100*	250
255							16.0	245.9	8,700*	23.2	272.3	10,500*	255
260							9.9	221.9	8,500*	19.7	258.8	10,000*	260
265										15.3	241.7	9,400*	265
270										8.7	215.5	8,900*	270

Liftcrane Fixed Jib Capacities

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

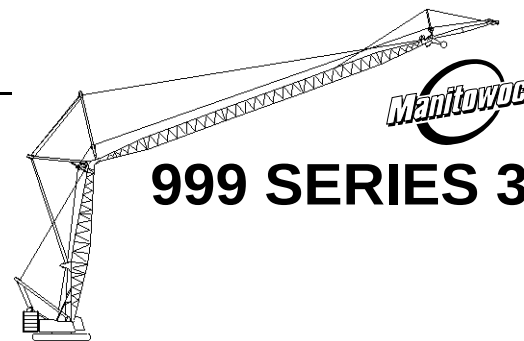
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	22,900*	140
145	58.6	392.5	15,100*	60.3	395.9	18,300*	62.9	400.2	23,000*	65.3	403.4	22,900*	145
150	57.2	389.2	14,300*	58.9	392.9	17,500*	61.5	397.4	22,200*	64.0	401.0	22,900*	150
155	55.7	385.7	13,600*	57.5	389.6	16,700*	60.2	394.5	21,400*	62.7	398.3	22,900*	155
160	54.3	382.1	13,000*	56.1	386.2	16,000*	58.8	391.4	20,600*	61.3	395.5	22,900*	160
165	52.8	378.2	12,400*	54.6	382.6	15,200*	57.4	388.2	19,800*	60.0	392.6	22,900*	165
170	51.3	374.1	11,800*	53.2	378.8	14,500*	55.9	384.7	19,000*	58.6	389.5	22,700*	170
175	49.7	369.9	11,200*	51.7	374.8	13,800*	54.5	381.1	18,200*	57.2	386.2	21,700*	175
180	48.1	365.3	10,700*	50.1	370.6	13,200*	53.0	377.3	17,400*	55.7	382.7	20,700	180
185	46.5	360.5	10,100*	48.5	366.1	12,500*	51.5	373.3	16,600*	54.3	379.1	19,700	185
190	44.8	355.4	9,700*	46.9	361.4	11,900*	49.9	369.0	15,900*	52.8	375.2	18,900	190
195	43.0	350.0	9,200*	45.2	356.3	11,400*	48.3	364.5	15,100*	51.2	371.2	18,000	195
200	41.2	344.3	8,800*	43.5	351.0	10,900*	46.7	359.7	14,400*	49.7	366.9	17,200	200
205	39.4	338.1	8,300*	41.7	345.4	10,300*	45.0	354.7	13,800*	48.1	362.3	16,500	205
210	37.4	331.6	8,000*	39.9	339.3	9,900*	43.3	349.3	13,100*	46.5	357.5	15,800	210
215	35.4	324.5	7,600*	37.9	332.9	9,400*	41.5	343.6	12,500*	44.8	352.4	15,100	215
220	33.2	316.8	7,300*	35.9	325.9	9,000*	39.6	337.5	12,000*	43.0	347.0	14,500	220
225	30.9	308.5	7,000*	33.8	318.4	8,600*	37.7	331.0	11,400*	41.2	341.3	13,800*	225
230	28.5	299.3	6,700*	31.5	310.3	8,200*	35.7	324.0	10,900*	39.4	335.1	13,100*	230
235	25.8	289.0	6,500*	29.1	301.3	7,900*	33.5	316.4	10,400*	37.4	328.5	12,500*	235
240	22.8	277.3	6,300*	26.5	291.4	7,600*	31.2	308.2	9,900*	35.4	321.5	11,900*	240
245	19.3	263.5	6,100*	23.6	280.1	7,300*	28.8	299.1	9,500*	33.2	313.8	11,300*	245
250	15.0	246.1	6,100*	20.2	266.9	7,100*	26.1	289.0	9,100*	30.9	305.5	10,700*	250
255	8.6	219.5	6,100*	16.2	250.6	6,900*	23.2	277.5	8,700*	28.4	296.3	10,200*	255
260				10.6	227.6	6,800*	19.8	264.0	8,400*	25.7	286.0	9,600*	260
265							15.6	247.2	8,200*	22.7	274.2	9,100*	265
270							9.7	222.6	8,000*	19.2	260.4	8,600*	270
275										14.9	242.9	8,100*	275
280										8.5	216.1	7,600*	280



Liftcrane Fixed Jib Capacities

**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	21,300*	145
150	58.6	401.1	13,900*	60.3	404.6	17,000*	62.8	408.9	21,300*	65.1	412.1	21,300*	150
155	57.3	397.9	13,300*	59.0	401.5	16,300*	61.5	406.1	20,600*	63.9	409.6	21,300*	155
160	55.9	394.4	12,700*	57.6	398.3	15,600*	60.1	403.2	19,900*	62.6	407.0	21,300*	160
165	54.5	390.8	12,100*	56.3	394.9	14,900*	58.8	400.1	19,100*	61.3	404.2	21,300*	165
170	53.1	387.0	11,500*	54.9	391.3	14,200*	57.5	396.9	18,400*	60.0	401.3	21,200*	170
175	51.6	383.0	11,000*	53.5	387.6	13,600*	56.1	393.4	17,700*	58.6	398.2	21,100*	175
180	50.1	378.8	10,500*	52.0	383.6	13,000*	54.7	389.9	17,000*	57.3	394.9	20,200	180
185	48.6	374.3	10,000*	50.5	379.5	12,400*	53.3	386.1	16,300*	55.9	391.4	19,200	185
190	47.1	369.6	9,500*	49.0	375.1	11,800*	51.8	382.1	15,600*	54.5	387.8	18,400	190
195	45.5	364.6	9,100*	47.5	370.4	11,300*	50.3	377.9	14,900*	53.1	384.0	17,500	195
200	43.8	359.4	8,700*	45.9	365.5	10,700*	48.8	373.5	14,300*	51.6	380.0	16,800	200
205	42.1	353.8	8,300*	44.2	360.3	10,200*	47.3	368.8	13,600*	50.1	375.8	16,000	205
210	40.4	347.9	7,900*	42.6	354.8	9,800*	45.7	363.9	13,000*	48.6	371.3	15,300	210
215	38.5	341.6	7,500*	40.8	349.0	9,400*	44.0	358.6	12,400*	47.1	366.6	14,600*	215
220	36.6	334.8	7,200*	39.0	342.8	8,900*	42.3	353.1	11,900*	45.5	361.6	13,800*	220
225	34.6	327.5	6,900*	37.1	336.2	8,600*	40.6	347.2	11,400*	43.8	356.4	13,100*	225
230	32.5	319.7	6,600*	35.2	329.0	8,200*	38.8	341.0	10,900*	42.1	350.8	12,500*	230
235	30.3	311.1	6,400*	33.1	321.3	7,800*	36.9	334.3	10,400*	40.3	344.9	11,800*	235
240	27.9	301.7	6,100*	30.9	313.0	7,500*	34.9	327.1	10,000*	38.5	338.5	11,200*	240
245	25.2	291.2	5,900*	28.5	303.8	7,200*	32.8	319.3	9,500*	36.6	331.8	10,600*	245
250	22.3	279.2	5,800*	25.9	293.6	7,000*	30.6	310.8	9,100*	34.6	324.5	10,100*	250
255	18.9	265.1	5,700*	23.1	282.0	6,700*	28.2	301.5	8,700*	32.5	316.6	9,500*	255
260	14.7	247.3	5,600*	19.8	268.5	6,500*	25.6	291.2	8,400*	30.2	308.1	9,000*	260
265	8.4	220.1	5,600*	15.8	251.9	6,400*	22.7	279.4	8,100*	27.8	298.7	8,500*	265
270				10.4	228.4	6,400*	19.3	265.6	7,800*	25.2	288.1	8,000*	270
275							15.3	248.4	7,500*	22.2	276.1	7,500*	275
280							9.5	223.3	7,000*	18.8	262.0	7,100*	280
285										14.6	244.1	6,600*	285
290										8.3	216.7	6,100*	290

Liftcrane Fixed Jib Capacities

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

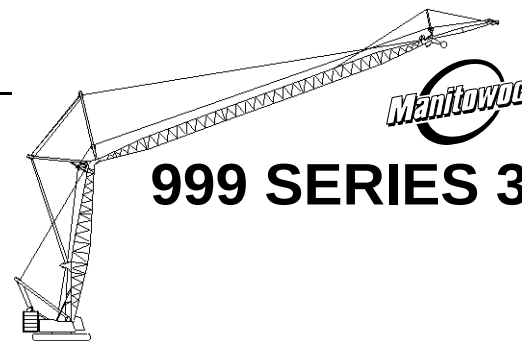
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	19,700*	150
155	58.7	409.8	13,000*	60.3	413.2	15,800*	62.6	417.5	19,700*	64.9	420.8	19,700*	155
160	57.4	406.5	12,400*	59.0	410.2	15,100*	61.4	414.8	19,100*	63.7	418.3	19,600*	160
165	56.1	403.1	11,800*	57.7	407.0	14,500*	60.1	411.8	18,400*	62.5	415.6	19,600*	165
170	54.7	399.5	11,300*	56.4	403.6	13,900*	58.9	408.8	17,800*	61.2	412.9	19,600*	170
175	53.4	395.8	10,800*	55.1	400.1	13,300*	57.6	405.5	17,200*	60.0	409.9	19,600*	175
180	52.0	391.8	10,300*	53.7	396.3	12,700*	56.2	402.1	16,500*	58.7	406.8	19,400*	180
185	50.6	387.7	9,800*	52.3	392.4	12,200*	54.9	398.6	15,900*	57.4	403.6	18,700*	185
190	49.1	383.3	9,400*	50.9	388.3	11,600*	53.5	394.8	15,300*	56.1	400.2	18,000	190
195	47.6	378.7	8,900*	49.5	384.0	11,100*	52.2	390.9	14,600*	54.7	396.6	17,100	195
200	46.1	373.8	8,500*	48.0	379.4	10,600*	50.7	386.8	14,000*	53.3	392.8	16,300	200
205	44.5	368.7	8,200*	46.5	374.6	10,200*	49.3	382.4	13,400*	52.0	388.8	15,600*	205
210	42.9	363.2	7,800*	44.9	369.6	9,700*	47.8	377.8	12,900*	50.5	384.7	14,800*	210
215	41.3	357.5	7,500*	43.3	364.2	9,300*	46.3	373.0	12,300*	49.1	380.3	14,000*	215
220	39.5	351.4	7,100*	41.7	358.6	8,900*	44.7	367.9	11,800*	47.6	375.7	13,300*	220
225	37.8	344.9	6,800*	40.0	352.6	8,500*	43.1	362.5	11,300*	46.1	370.8	12,600*	225
230	35.9	338.0	6,500*	38.2	346.2	8,200*	41.5	356.8	10,800*	44.5	365.7	11,900*	230
235	33.9	330.5	6,300*	36.4	339.4	7,800*	39.8	350.8	10,400*	42.9	360.2	11,300*	235
240	31.9	322.5	6,000*	34.4	332.1	7,500*	38.0	344.3	9,900*	41.2	354.5	10,700*	240
245	29.7	313.7	5,800*	32.4	324.2	7,200*	36.1	337.5	9,500*	39.5	348.4	10,100*	245
250	27.3	304.1	5,600*	30.2	315.6	6,900*	34.2	330.1	9,100*	37.7	341.9	9,500*	250
255	24.7	293.3	5,500*	27.9	306.2	6,600*	32.1	322.1	8,800*	35.9	334.9	9,000*	255
260	21.8	281.1	5,300*	25.4	295.8	6,400*	29.9	313.4	8,400*	33.9	327.5	8,500*	260
265	18.5	266.6	5,200*	22.6	283.9	6,200*	27.6	303.9	8,000*	31.8	319.4	8,000*	265
270	14.4	248.4	5,200*	19.4	270.1	6,100*	25.0	293.3	7,500*	29.6	310.7	7,500*	270
275	8.2	220.8	4,400*	15.5	253.2	6,000*	22.2	281.3	7,000*	27.3	301.0	7,000*	275
280				10.2	229.2	5,300*	18.9	267.2	6,500*	24.7	290.2	6,500*	280
285							15.0	249.6	6,100*	21.8	278.0	6,100*	285
290							9.3	224.1	5,500*	18.4	263.5	5,700*	290
295										14.3	245.2	5,200*	295
300										8.1	217.4	4,800*	300



Liftcrane Fixed Jib Capacities

**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

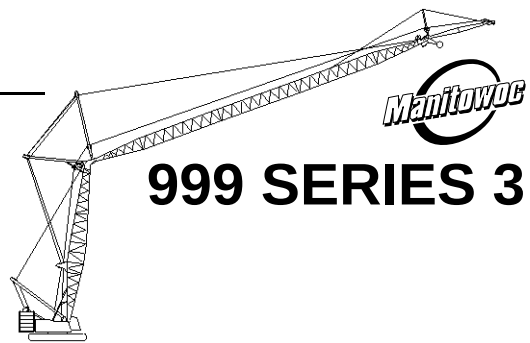
180 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

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	21,800*	150
155	54.1	373.4	13,700*	56.0	377.5	16,800*	58.8	382.8	21,300*	61.5	386.9	21,600*	155
160	52.5	369.5	13,000*	54.5	373.9	16,000*	57.3	379.5	20,400*	60.0	384.0	21,500*	160
165	50.9	365.3	12,300*	52.9	370.1	15,200*	55.8	376.1	19,600*	58.6	380.8	21,400*	165
170	49.3	361.0	11,700*	51.3	366.0	14,400*	54.3	372.4	18,800*	57.1	377.5	20,800*	170
175	47.6	356.3	11,100*	49.7	361.7	13,700*	52.7	368.5	18,100*	55.6	374.1	19,900*	175
180	45.9	351.4	10,500*	48.0	357.1	13,000*	51.1	364.4	17,300*	54.1	370.4	19,200*	180
185	44.1	346.2	9,900*	46.3	352.3	12,300*	49.5	360.1	16,500*	52.5	366.5	18,400*	185
190	42.3	340.6	9,400*	44.6	347.1	11,700*	47.8	355.5	15,700*	50.9	362.3	17,700*	190
195	40.4	334.7	9,000*	42.7	341.7	11,100*	46.1	350.6	14,900*	49.3	358.0	17,100*	195
200	38.4	328.3	8,500*	40.8	335.8	10,500*	44.3	345.4	14,100*	47.6	353.3	16,500*	200
205	36.3	321.4	8,100*	38.9	329.6	10,000*	42.5	339.9	13,400*	45.9	348.4	15,900*	205
210	34.1	314.0	7,700*	36.8	322.8	9,500*	40.6	334.0	12,700*	44.1	343.2	15,300*	210
215	31.7	305.9	7,400*	34.6	315.5	9,000*	38.6	327.7	12,100*	42.2	337.6	14,800*	215
220	29.2	296.9	7,000*	32.3	307.6	8,600*	36.5	320.9	11,500*	40.3	331.7	14,300*	220
225	26.4	286.9	6,700*	29.8	298.9	8,200*	34.3	313.6	10,900*	38.3	325.3	13,900*	225
230	23.4	275.5	6,500*	27.2	289.2	7,800*	32.0	305.5	10,300*	36.2	318.4	13,400*	230
235	19.8	262.0	6,300*	24.2	278.1	7,500*	29.5	296.7	9,800*	34.0	311.0	13,000*	235
240	15.4	245.0	6,100*	20.8	265.3	7,200*	26.8	286.8	9,400*	31.7	302.8	12,600*	240
245	8.9	219.1	6,100*	16.7	249.4	7,000*	23.8	275.6	8,900*	29.2	293.9	11,900*	245
250				11.0	227.0	6,800*	20.3	262.4	8,500*	26.4	283.9	11,300*	250
255							16.1	246.0	8,200*	23.3	272.4	10,700*	255
260							10.0	222.1	8,000*	19.8	258.9	10,200*	260
265										15.4	241.8	9,800*	265
270										8.8	215.7	9,400*	270

Liftcrane Fixed Jib Capacities

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

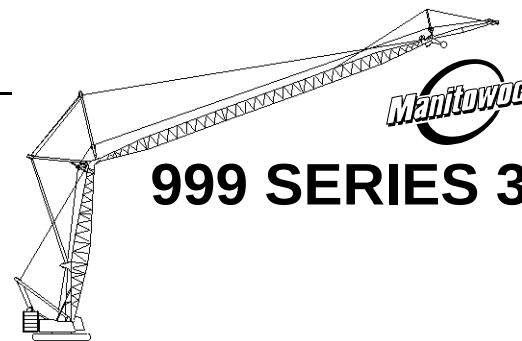
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	20,900*	150
155	55.8	385.8	13,400*	57.6	389.7	16,500*	60.2	394.6	20,500*	62.8	398.4	20,800*	155
160	54.3	382.1	12,800*	56.2	386.2	15,700*	58.8	391.5	19,600*	61.4	395.6	20,800*	160
165	52.9	378.3	12,100*	54.7	382.6	15,000*	57.4	388.2	18,800*	60.0	392.6	20,700*	165
170	51.3	374.2	11,500*	53.2	378.8	14,300*	56.0	384.8	18,100*	58.6	389.5	19,900*	170
175	49.8	369.9	11,000*	51.7	374.8	13,600*	54.5	381.2	17,400*	57.2	386.2	19,100*	175
180	48.2	365.4	10,400*	50.2	370.6	12,900*	53.0	377.3	16,700*	55.8	382.8	18,400*	180
185	46.5	360.6	9,900*	48.6	366.1	12,300*	51.5	373.3	16,100*	54.3	379.1	17,700*	185
190	44.9	355.5	9,400*	47.0	361.4	11,700*	50.0	369.0	15,500*	52.8	375.3	17,000*	190
195	43.1	350.1	8,900*	45.3	356.4	11,100*	48.4	364.5	14,800*	51.3	371.2	16,400*	195
200	41.3	344.3	8,500*	43.6	351.1	10,600*	46.8	359.8	14,100*	49.8	366.9	15,800*	200
205	39.5	338.2	8,100*	41.8	345.4	10,000*	45.1	354.7	13,400*	48.2	362.4	15,300*	205
210	37.5	331.6	7,700*	39.9	339.4	9,600*	43.3	349.3	12,800*	46.5	357.6	14,800*	210
215	35.5	324.5	7,300*	38.0	332.9	9,100*	41.6	343.6	12,200*	44.8	352.5	14,300*	215
220	33.3	316.9	7,000*	36.0	326.0	8,600*	39.7	337.6	11,600*	43.1	347.1	13,800*	220
225	31.0	308.6	6,700*	33.9	318.5	8,200*	37.8	331.1	11,000*	41.3	341.3	13,400*	225
230	28.5	299.4	6,400*	31.6	310.3	7,900*	35.7	324.1	10,500*	39.4	335.2	12,900*	230
235	25.8	289.1	6,200*	29.2	301.4	7,500*	33.6	316.5	10,000*	37.5	328.6	12,500*	235
240	22.8	277.4	6,000*	26.6	291.4	7,200*	31.3	308.2	9,500*	35.4	321.5	12,100*	240
245	19.4	263.6	5,800*	23.6	280.1	6,900*	28.9	299.2	9,100*	33.3	313.9	11,700*	245
250	15.1	246.2	5,700*	20.3	267.0	6,700*	26.2	289.1	8,700*	31.0	305.5	11,100*	250
255	8.7	219.7	5,700*	16.3	250.7	6,500*	23.2	277.6	8,300*	28.5	296.3	10,600*	255
260				10.8	227.8	6,400*	19.8	264.1	8,000*	25.8	286.1	10,000*	260
265							15.7	247.3	7,700*	22.8	274.3	9,500*	265
270							9.8	222.8	7,500*	19.3	260.5	9,000*	270
275										15.0	243.0	8,500*	275
280										8.6	216.4	8,000*	280



Liftcrane Fixed Jib Capacities

**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	19,800*	150
155	57.4	397.9	13,200*	59.1	401.6	16,100*	61.5	406.1	19,900*	63.9	409.7	19,800*	155
160	56.0	394.5	12,500*	57.7	398.3	15,400*	60.2	403.2	19,600*	62.6	407.0	19,800*	160
165	54.6	390.8	11,900*	56.3	394.9	14,700*	58.9	400.1	18,900*	61.3	404.2	19,700*	165
170	53.2	387.0	11,400*	54.9	391.4	14,000*	57.5	396.9	18,200*	60.0	401.3	19,700*	170
175	51.7	383.0	10,800*	53.5	387.6	13,400*	56.2	393.5	17,500*	58.7	398.2	19,700*	175
180	50.2	378.8	10,300*	52.1	383.7	12,800*	54.8	389.9	16,800*	57.3	394.9	19,100*	180
185	48.7	374.3	9,800*	50.6	379.5	12,200*	53.3	386.1	16,100*	56.0	391.5	18,400*	185
190	47.1	369.6	9,300*	49.1	375.1	11,600*	51.9	382.1	15,400*	54.6	387.9	17,800*	190
195	45.5	364.7	8,900*	47.5	370.5	11,000*	50.4	377.9	14,700*	53.1	384.1	17,200*	195
200	43.9	359.4	8,500*	46.0	365.6	10,500*	48.9	373.5	14,100*	51.7	380.0	16,600*	200
205	42.2	353.8	8,100*	44.3	360.4	10,000*	47.3	368.8	13,400*	50.2	375.8	16,000*	205
210	40.4	347.9	7,700*	42.6	354.9	9,600*	45.7	363.9	12,800*	48.7	371.4	15,500*	210
215	38.6	341.6	7,300*	40.9	349.1	9,100*	44.1	358.7	12,200*	47.1	366.7	15,000*	215
220	36.7	334.9	7,000*	39.1	342.8	8,700*	42.4	353.2	11,700*	45.5	361.7	14,500	220
225	34.7	327.6	6,700*	37.2	336.2	8,300*	40.7	347.3	11,100*	43.9	356.4	13,800*	225
230	32.6	319.7	6,400*	35.2	329.1	7,900*	38.9	341.0	10,600*	42.2	350.8	13,200*	230
235	30.4	311.2	6,100*	33.1	321.4	7,600*	37.0	334.3	10,100*	40.4	344.9	12,500*	235
240	27.9	301.8	5,900*	30.9	313.0	7,200*	35.0	327.1	9,600*	38.6	338.6	11,900*	240
245	25.3	291.3	5,700*	28.6	303.9	6,900*	32.9	319.4	9,200*	36.7	331.8	11,300*	245
250	22.4	279.3	5,500*	26.0	293.7	6,700*	30.6	310.9	8,800*	34.7	324.6	10,700*	250
255	19.0	265.2	5,400*	23.1	282.1	6,400*	28.3	301.6	8,400*	32.6	316.7	10,200*	255
260	14.8	247.4	5,300*	19.9	268.6	6,200*	25.6	291.3	8,000*	30.3	308.1	9,700*	260
265	8.5	220.4	5,300*	15.9	252.0	6,100*	22.7	279.5	7,700*	27.9	298.7	9,200*	265
270				10.5	228.6	6,000*	19.4	265.7	7,500*	25.3	288.2	8,700*	270
275							15.4	248.5	7,200*	22.3	276.2	8,200*	275
280							9.6	223.6	7,100*	18.9	262.1	7,700*	280
285										14.7	244.2	7,300*	285
290										8.4	217.0	6,800*	290

Liftcrane Fixed Jib Capacities

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

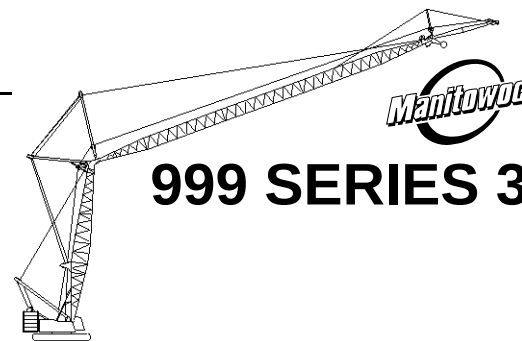
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	18,600*	155
160	57.5	406.6	12,200*	59.1	410.2	14,900*	61.5	414.8	18,700*	63.8	418.3	18,600*	160
165	56.1	403.2	11,700*	57.8	407.0	14,300*	60.2	411.9	18,200*	62.5	415.7	18,600*	165
170	54.8	399.6	11,100*	56.5	403.6	13,700*	58.9	408.8	17,600*	61.3	412.9	18,600*	170
175	53.4	395.8	10,600*	55.1	400.1	13,100*	57.6	405.6	17,000*	60.0	409.9	18,600*	175
180	52.0	391.9	10,100*	53.8	396.4	12,500*	56.3	402.2	16,300*	58.7	406.9	18,500*	180
185	50.6	387.7	9,600*	52.4	392.5	12,000*	55.0	398.6	15,700*	57.4	403.6	17,800*	185
190	49.2	383.3	9,200*	51.0	388.4	11,400*	53.6	394.9	15,100*	56.1	400.2	17,200*	190
195	47.7	378.7	8,800*	49.5	384.0	10,900*	52.2	390.9	14,500*	54.8	396.6	16,600*	195
200	46.2	373.8	8,400*	48.1	379.5	10,400*	50.8	386.8	13,900*	53.4	392.8	16,000*	200
205	44.6	368.7	8,000*	46.6	374.7	9,900*	49.4	382.5	13,300*	52.0	388.9	15,500*	205
210	43.0	363.3	7,600*	45.0	369.6	9,500*	47.9	377.9	12,700*	50.6	384.7	15,000*	210
215	41.3	357.5	7,200*	43.4	364.3	9,000*	46.4	373.0	12,100*	49.2	380.3	14,500*	215
220	39.6	351.4	6,900*	41.8	358.6	8,700*	44.8	368.0	11,600*	47.7	375.7	13,800*	220
225	37.8	345.0	6,600*	40.1	352.6	8,300*	43.2	362.6	11,100*	46.1	370.8	13,200*	225
230	36.0	338.0	6,300*	38.3	346.2	7,900*	41.5	356.9	10,600*	44.6	365.7	12,500*	230
235	34.0	330.6	6,100*	36.4	339.4	7,500*	39.8	350.8	10,100*	43.0	360.3	11,900*	235
240	31.9	322.5	5,800*	34.5	332.1	7,200*	38.1	344.4	9,700*	41.3	354.5	11,200*	240
245	29.7	313.8	5,600*	32.5	324.2	6,900*	36.2	337.5	9,300*	39.6	348.4	10,700*	245
250	27.4	304.1	5,400*	30.3	315.7	6,600*	34.3	330.1	8,800*	37.8	341.9	10,100*	250
255	24.8	293.4	5,200*	28.0	306.3	6,400*	32.2	322.2	8,400*	35.9	335.0	9,500*	255
260	21.9	281.1	5,100*	25.5	295.8	6,100*	30.0	313.5	8,100*	34.0	327.5	9,000*	260
265	18.6	266.7	4,900*	22.7	284.0	5,900*	27.7	304.0	7,800*	31.9	319.5	8,500*	265
270	14.5	248.6	4,900*	19.5	270.2	5,800*	25.1	293.4	7,500*	29.7	310.7	8,000*	270
275	8.3	221.0	4,900*	15.6	253.3	5,600*	22.3	281.4	7,200*	27.3	301.1	7,600*	275
280				10.3	229.4	5,600*	19.0	267.3	6,900*	24.7	290.3	7,100*	280
285							15.0	249.8	6,700*	21.9	278.1	6,700*	285
290							9.4	224.3	6,100*	18.5	263.6	6,200*	290
295										14.4	245.4	5,800*	295
300										8.2	217.6	5,400*	300



Liftcrane Fixed Jib Capacities

**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

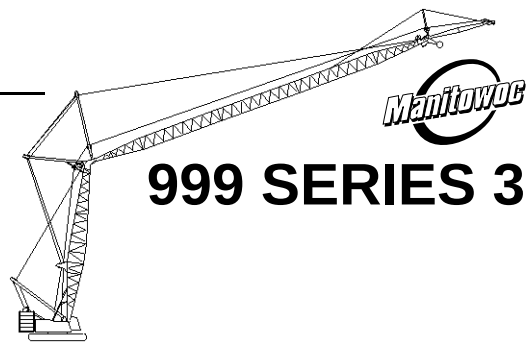
180 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

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	17,400*	155
160	58.8	418.5	11,900*	60.4	421.9	14,500*	62.6	426.2	17,600*	64.8	429.5	17,400*	160
165	57.6	415.3	11,400*	59.1	418.9	13,900*	61.4	423.5	17,500*	63.6	427.0	17,400*	165
170	56.3	411.9	10,900*	57.9	415.7	13,400*	60.2	420.5	17,000*	62.4	424.3	17,400*	170
175	55.0	408.3	10,400*	56.6	412.3	12,800*	59.0	417.5	16,400*	61.2	421.5	17,400*	175
180	53.7	404.6	9,900*	55.3	408.8	12,300*	57.7	414.3	15,800*	60.0	418.6	17,400*	180
185	52.3	400.7	9,500*	54.0	405.1	11,800*	56.4	410.9	15,200*	58.8	415.5	16,900*	185
190	51.0	396.6	9,000*	52.7	401.3	11,200*	55.2	407.4	14,700*	57.5	412.3	16,300*	190
195	49.6	392.2	8,600*	51.3	397.2	10,800*	53.9	403.6	14,100*	56.3	408.9	15,800*	195
200	48.2	387.7	8,200*	50.0	393.0	10,300*	52.5	399.8	13,600*	55.0	405.3	15,300*	200
205	46.7	383.0	7,900*	48.5	388.5	9,800*	51.2	395.7	13,000*	53.7	401.6	14,700*	205
210	45.2	377.9	7,500*	47.1	383.8	9,400*	49.8	391.4	12,500*	52.3	397.7	14,300*	210
215	43.7	372.7	7,200*	45.6	378.8	9,000*	48.4	386.9	12,000*	51.0	393.6	13,800*	215
220	42.1	367.1	6,900*	44.1	373.6	8,600*	46.9	382.1	11,500*	49.6	389.3	13,300*	220
225	40.5	361.2	6,600*	42.5	368.1	8,200*	45.4	377.2	11,000*	48.2	384.7	12,600*	225
230	38.8	354.9	6,300*	40.9	362.3	7,800*	43.9	371.9	10,500*	46.7	380.0	11,900*	230
235	37.1	348.2	6,000*	39.3	356.1	7,500*	42.3	366.4	10,100*	45.2	374.9	11,300*	235
240	35.3	341.1	5,700*	37.5	349.6	7,200*	40.7	360.5	9,600*	43.7	369.7	10,700*	240
245	33.3	333.5	5,500*	35.7	342.6	6,900*	39.0	354.3	9,200*	42.1	364.1	10,100*	245
250	31.3	325.2	5,300*	33.8	335.1	6,600*	37.3	347.7	8,900*	40.5	358.2	9,500*	250
255	29.1	316.3	5,100*	31.8	327.0	6,300*	35.5	340.6	8,500*	38.8	351.9	9,000*	255
260	26.8	306.4	4,900*	29.7	318.2	6,100*	33.6	333.1	8,100*	37.1	345.2	8,500*	260
265	24.3	295.5	4,500*	27.4	308.6	5,900*	31.6	324.9	7,800*	35.2	338.1	8,000*	265
270	21.5	283.0	4,300*	25.0	298.0	5,700*	29.4	316.0	7,500*	33.3	330.5	7,500*	270
275	18.2	268.2	4,300*	22.2	285.9	5,500*	27.1	306.3	7,100*	31.3	322.2	7,000*	275
280	14.2	249.7	4,300*	19.1	271.8	5,300*	24.6	295.5	6,600*	29.1	313.2	6,600*	280
285				15.3	254.5	5,200*	21.8	283.2	6,200*	26.8	303.4	6,200*	285
290				10.1	230.2	4,500*	18.6	268.9	5,700*	24.3	292.4	5,700*	290
295							14.7	251.0	5,300*	21.4	279.9	5,300*	295
300							9.2	225.0	4,800*	18.2	265.1	4,900*	300
305										14.1	246.5	4,500*	305
310										8.1	218.2	4,100*	310

Liftcrane Fixed Jib Capacities

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

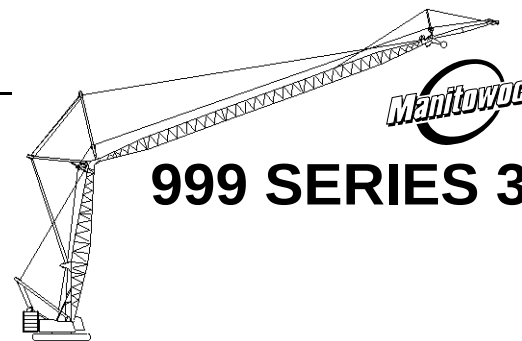
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	16,500*	170
175	49.7	370.0	10,800*	51.6	374.9	13,400*	54.4	381.2	16,200*	57.1	386.3	16,400*	175
180	48.1	365.5	10,300*	50.1	370.7	12,700*	52.9	377.4	16,000*	55.7	382.9	16,200*	180
185	46.4	360.7	9,700*	48.5	366.2	12,100*	51.4	373.4	15,700*	54.2	379.2	16,000*	185
190	44.8	355.6	9,200*	46.9	361.5	11,500*	49.9	369.1	15,000*	52.7	375.4	15,900*	190
195	43.0	350.2	8,800*	45.2	356.5	10,900*	48.3	364.6	14,500*	51.2	371.3	15,700*	195
200	41.2	344.4	8,300*	43.5	351.2	10,300*	46.7	359.9	13,900*	49.7	367.0	15,400*	200
205	39.4	338.3	7,900*	41.7	345.5	9,800*	45.0	354.8	13,200*	48.1	362.5	14,800*	205
210	37.4	331.7	7,500*	39.8	339.5	9,300*	43.3	349.5	12,600*	46.4	357.7	14,200*	210
215	35.4	324.7	7,100*	37.9	333.0	8,800*	41.5	343.8	11,900*	44.7	352.6	13,700*	215
220	33.2	317.0	6,800*	35.9	326.1	8,400*	39.6	337.7	11,300*	43.0	347.2	13,200*	220
225	30.9	308.7	6,500*	33.8	318.6	8,000*	37.7	331.2	10,700*	41.2	341.4	12,800*	225
230	28.5	299.5	6,200*	31.5	310.5	7,600*	35.6	324.2	10,200*	39.3	335.3	12,300*	230
235	25.8	289.3	5,900*	29.1	301.5	7,200*	33.5	316.6	9,700*	37.4	328.7	11,900*	235
240	22.8	277.6	5,700*	26.5	291.6	6,900*	31.2	308.4	9,200*	35.3	321.6	11,500*	240
245	19.3	263.8	5,500*	23.6	280.3	6,600*	28.8	299.3	8,700*	33.2	314.0	11,100*	245
250	15.0	246.5	5,400*	20.2	267.2	6,400*	26.1	289.2	8,300*	30.9	305.7	10,800*	250
255	8.7	220.3	5,400*	16.2	251.0	6,200*	23.2	277.8	7,900*	28.4	296.5	10,400*	255
260				10.7	228.2	6,000*	19.8	264.3	7,600*	25.7	286.2	10,100*	260
265							15.7	247.6	7,300*	22.7	274.5	9,600*	265
270							9.8	223.3	7,100*	19.3	260.7	9,100*	270
275										15.0	243.3	8,700*	275
280										8.6	216.9	8,400*	280



Liftcrane Fixed Jib Capacities

**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	16,200*	170
175	51.6	383.1	10,700*	53.4	387.7	13,200*	56.1	393.6	16,000*	58.6	398.3	16,100*	175
180	50.1	378.9	10,200*	52.0	383.8	12,600*	54.7	390.0	15,700*	57.2	395.0	16,000*	180
185	48.6	374.4	9,700*	50.5	379.6	12,000*	53.2	386.2	15,100*	55.9	391.6	15,800*	185
190	47.0	369.7	9,200*	49.0	375.2	11,400*	51.8	382.2	14,500*	54.5	388.0	15,700*	190
195	45.4	364.8	8,700*	47.4	370.6	10,900*	50.3	378.0	13,900*	53.0	384.1	15,400*	195
200	43.8	359.5	8,300*	45.9	365.7	10,300*	48.8	373.6	13,400*	51.6	380.1	14,800*	200
205	42.1	354.0	7,900*	44.2	360.5	9,800*	47.2	368.9	12,900*	50.1	375.9	14,200*	205
210	40.3	348.0	7,500*	42.5	355.0	9,400*	45.7	364.0	12,500*	48.6	371.5	13,700*	210
215	38.5	341.7	7,200*	40.8	349.2	8,900*	44.0	358.8	12,000*	47.0	366.8	13,200*	215
220	36.6	335.0	6,800*	39.0	343.0	8,500*	42.3	353.3	11,400*	45.4	361.8	12,700*	220
225	34.6	327.7	6,500*	37.1	336.3	8,100*	40.6	347.4	10,900*	43.8	356.5	12,300*	225
230	32.5	319.9	6,200*	35.1	329.2	7,700*	38.8	341.1	10,300*	42.1	351.0	11,900*	230
235	30.3	311.3	5,900*	33.1	321.5	7,300*	36.9	334.4	9,900*	40.3	345.0	11,500*	235
240	27.9	301.9	5,700*	30.9	313.2	7,000*	34.9	327.2	9,400*	38.5	338.7	11,100*	240
245	25.2	291.4	5,500*	28.5	304.0	6,700*	32.8	319.5	8,900*	36.6	332.0	10,800*	245
250	22.3	279.5	5,300*	25.9	293.8	6,400*	30.6	311.0	8,500*	34.6	324.7	10,400*	250
255	18.9	265.4	5,100*	23.1	282.3	6,100*	28.2	301.8	8,100*	32.5	316.8	10,100*	255
260	14.7	247.7	5,000*	19.8	268.8	5,900*	25.6	291.4	7,700*	30.2	308.3	9,800*	260
265	8.5	220.9	5,000*	15.9	252.3	5,700*	22.7	279.7	7,400*	27.8	298.9	9,500*	265
270				10.5	229.0	5,600*	19.4	265.9	7,100*	25.2	288.4	9,200*	270
275							15.3	248.8	6,800*	22.2	276.4	8,800*	275
280							9.6	224.0	6,700*	18.9	262.3	8,300*	280
285										14.7	244.5	7,900*	285
290										8.4	217.5	7,400*	290

Liftcrane Fixed Jib Capacities

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

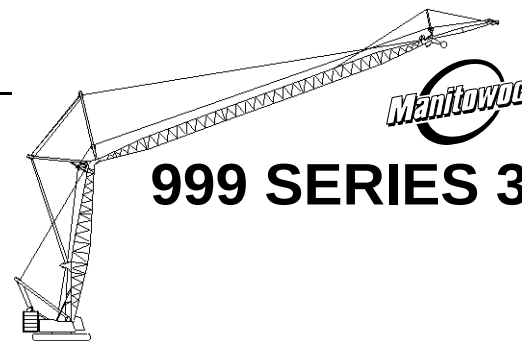
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	15,800*	170
175	53.3	395.9	10,500*	55.0	400.2	13,000*	57.5	405.7	15,700*	59.9	410.0	15,700*	175
180	51.9	391.9	10,100*	53.7	396.5	12,400*	56.2	402.3	15,600*	58.6	406.9	15,600*	180
185	50.5	387.8	9,600*	52.3	392.6	11,900*	54.9	398.7	15,400*	57.3	403.7	15,500*	185
190	49.1	383.4	9,100*	50.9	388.5	11,300*	53.5	395.0	14,900*	56.0	400.3	15,400*	190
195	47.6	378.8	8,700*	49.4	384.1	10,800*	52.1	391.0	14,300*	54.7	396.7	15,300*	195
200	46.1	373.9	8,300*	48.0	379.6	10,300*	50.7	386.9	13,700*	53.3	392.9	15,200*	200
205	44.5	368.8	7,900*	46.5	374.8	9,800*	49.3	382.6	13,100*	51.9	389.0	14,900*	205
210	42.9	363.4	7,500*	44.9	369.7	9,400*	47.8	378.0	12,500*	50.5	384.8	14,400*	210
215	41.2	357.7	7,100*	43.3	364.4	8,900*	46.3	373.1	12,000*	49.1	380.4	13,900*	215
220	39.5	351.6	6,800*	41.7	358.7	8,500*	44.7	368.1	11,400*	47.6	375.8	13,400*	220
225	37.7	345.1	6,500*	40.0	352.7	8,100*	43.1	362.7	10,900*	46.1	370.9	12,900*	225
230	35.9	338.1	6,200*	38.2	346.4	7,700*	41.5	357.0	10,400*	44.5	365.8	12,500*	230
235	33.9	330.7	5,900*	36.4	339.5	7,400*	39.7	350.9	10,000*	42.9	360.4	12,100*	235
240	31.9	322.7	5,700*	34.4	332.2	7,000*	38.0	344.5	9,500*	41.2	354.6	11,700*	240
245	29.7	313.9	5,400*	32.4	324.4	6,700*	36.1	337.6	9,100*	39.5	348.6	11,400*	245
250	27.3	304.3	5,200*	30.2	315.8	6,400*	34.2	330.3	8,600*	37.7	342.1	10,900*	250
255	24.7	293.6	5,000*	27.9	306.4	6,200*	32.1	322.3	8,200*	35.9	335.1	10,400*	255
260	21.8	281.3	4,900*	25.4	296.0	5,900*	29.9	313.6	7,900*	33.9	327.7	9,900*	260
265	18.5	267.0	4,700*	22.6	284.2	5,700*	27.6	304.1	7,500*	31.8	319.6	9,400*	265
270	14.4	248.9	4,700*	19.4	270.5	5,500*	25.1	293.6	7,200*	29.6	310.9	8,900*	270
275	8.4	221.6	4,700*	15.6	253.6	5,400*	22.2	281.6	6,900*	27.3	301.2	8,400*	275
280				10.3	229.9	5,300*	19.0	267.5	6,700*	24.7	290.5	8,000*	280
285							15.0	250.1	6,400*	21.8	278.3	7,500*	285
290							9.4	224.8	6,300*	18.5	263.8	7,100*	290
295										14.4	245.7	6,700*	295
300										8.3	218.2	6,200*	300



Liftcrane Fixed Jib Capacities

**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	15,400*	170
175	54.9	408.4	10,300*	56.5	412.4	12,700*	58.9	417.6	15,300*	61.2	421.6	15,400*	175
180	53.6	404.7	9,800*	55.2	408.9	12,200*	57.6	414.3	15,200*	59.9	418.7	15,200*	180
185	52.3	400.8	9,400*	53.9	405.2	11,600*	56.4	411.0	15,100*	58.7	415.6	15,100*	185
190	50.9	396.7	9,000*	52.6	401.4	11,100*	55.1	407.4	14,600*	57.4	412.4	15,000*	190
195	49.5	392.3	8,600*	51.2	397.3	10,600*	53.8	403.7	14,000*	56.2	409.0	15,000*	195
200	48.1	387.8	8,200*	49.9	393.1	10,200*	52.4	399.8	13,500*	54.9	405.4	15,000*	200
205	46.6	383.1	7,800*	48.5	388.6	9,700*	51.1	395.8	12,900*	53.6	401.7	14,400*	205
210	45.2	378.0	7,400*	47.0	383.9	9,300*	49.7	391.5	12,400*	52.2	397.8	13,900*	210
215	43.6	372.8	7,100*	45.5	378.9	8,800*	48.3	387.0	11,900*	50.9	393.7	13,400*	215
220	42.1	367.2	6,800*	44.0	373.7	8,400*	46.8	382.2	11,400*	49.5	389.4	13,000*	220
225	40.4	361.3	6,400*	42.5	368.2	8,100*	45.3	377.3	10,900*	48.1	384.8	12,600*	225
230	38.7	355.0	6,100*	40.8	362.4	7,700*	43.8	372.0	10,400*	46.6	380.1	12,100*	230
235	37.0	348.4	5,900*	39.2	356.2	7,400*	42.3	366.5	9,900*	45.1	375.0	11,800*	235
240	35.2	341.2	5,600*	37.4	349.7	7,000*	40.6	360.6	9,500*	43.6	369.8	11,400*	240
245	33.3	333.6	5,400*	35.6	342.7	6,700*	39.0	354.4	9,100*	42.0	364.2	10,800*	245
250	31.2	325.4	5,100*	33.8	335.2	6,400*	37.2	347.8	8,700*	40.4	358.3	10,300*	250
255	29.1	316.4	4,900*	31.8	327.1	6,200*	35.4	340.8	8,300*	38.7	352.0	9,700*	255
260	26.8	306.6	4,800*	29.6	318.4	5,900*	33.5	333.2	7,900*	37.0	345.3	9,200*	260
265	24.2	295.6	4,600*	27.4	308.8	5,700*	31.5	325.0	7,600*	35.1	338.2	8,700*	265
270	21.4	283.2	4,100*	24.9	298.1	5,500*	29.4	316.2	7,300*	33.2	330.6	8,200*	270
275	18.1	268.5	4,000*	22.2	286.1	5,300*	27.1	306.5	7,000*	31.2	322.4	7,800*	275
280	14.1	250.0	4,000*	19.0	272.1	5,100*	24.6	295.7	6,700*	29.0	313.4	7,300*	280
285	8.2	222.2	4,000*	15.3	254.8	5,000*	21.8	283.4	6,400*	26.7	303.5	6,900*	285
290				10.1	230.6	5,000*	18.6	269.1	6,200*	24.2	292.6	6,500*	290
295							14.7	251.3	6,000*	21.4	280.1	6,100*	295
300							9.2	225.5	5,500*	18.1	265.4	5,700*	300
305										14.1	246.8	5,300*	305
310										8.1	218.8	4,900*	310

Liftcrane Fixed Jib Capacities

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

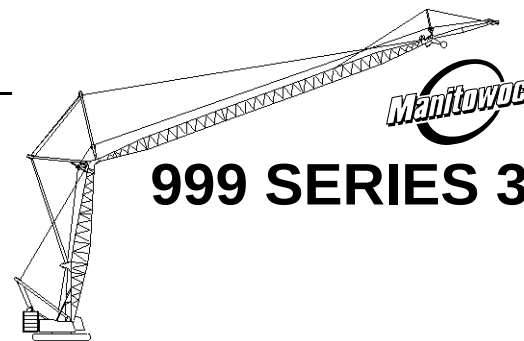
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	14,800*	170
175	56.3	420.7	10,100*	57.9	424.5	12,400*	60.1	429.3	14,800*	62.3	433.1	14,800*	175
180	55.1	417.1	9,600*	56.6	421.1	11,900*	58.9	426.2	14,700*	61.1	430.3	14,700*	180
185	53.8	413.4	9,200*	55.4	417.6	11,400*	57.7	423.0	14,500*	59.9	427.4	14,700*	185
190	52.5	409.6	8,800*	54.2	414.0	10,900*	56.5	419.7	14,000*	58.7	424.3	14,600*	190
195	51.2	405.5	8,400*	52.9	410.2	10,500*	55.3	416.2	13,500*	57.5	421.1	14,400*	195
200	49.9	401.3	8,000*	51.6	406.1	10,000*	54.0	412.5	13,000*	56.3	417.7	14,200*	200
205	48.6	396.8	7,700*	50.3	401.9	9,600*	52.7	408.6	12,500*	55.1	414.1	13,700*	205
210	47.2	392.1	7,300*	48.9	397.5	9,200*	51.4	404.6	12,100*	53.8	410.4	13,200*	210
215	45.8	387.2	7,000*	47.5	392.9	8,800*	50.1	400.4	11,700*	52.5	406.6	12,800*	215
220	44.3	382.1	6,700*	46.1	388.1	8,400*	48.7	396.0	11,200*	51.2	402.5	12,300*	220
225	42.8	376.6	6,400*	44.7	383.0	8,000*	47.3	391.3	10,700*	49.9	398.3	11,900*	225
230	41.3	370.9	6,100*	43.2	377.6	7,700*	45.9	386.4	10,300*	48.5	393.8	11,500*	230
235	39.7	364.8	5,800*	41.7	372.0	7,300*	44.5	381.3	9,900*	47.2	389.1	11,200*	235
240	38.0	358.4	5,600*	40.1	366.0	7,000*	43.0	375.9	9,400*	45.7	384.2	10,800*	240
245	36.3	351.6	5,300*	38.4	359.7	6,700*	41.5	370.2	9,000*	44.3	379.1	10,300*	245
250	34.5	344.3	4,800*	36.7	352.9	6,400*	39.9	364.2	8,700*	42.8	373.6	9,700*	250
255	32.6	336.5	4,500*	35.0	345.8	6,100*	38.2	357.8	8,300*	41.2	367.9	9,200*	255
260	30.6	328.1	4,200*	33.1	338.1	5,900*	36.5	351.0	8,000*	39.6	361.8	8,700*	260
265	28.5	318.9	4,000*	31.2	329.9	5,700*	34.7	343.8	7,600*	38.0	355.4	8,200*	265
270				29.1	320.9	5,400*	32.9	336.1	7,300*	36.3	348.6	7,700*	270
275				26.8	311.1	5,200*	30.9	327.7	7,000*	34.5	341.3	7,200*	275
280				24.4	300.2	5,000*	28.8	318.7	6,700*	32.6	333.5	6,800*	280
285				21.7	287.9	4,900*	26.6	308.8	6,400*	30.6	325.0	6,400*	285
290				18.7	273.6	4,800*	24.1	297.7	6,000*	28.5	315.9	5,900*	290
295				15.0	256.1	4,700*	21.4	285.2	5,600*	26.2	305.8	5,500*	295
300							18.2	270.6	5,200*	23.7	294.6	5,100*	300
305							14.4	252.5	4,800*	21.0	281.8	4,800*	305
310							9.0	226.2	4,200*	17.8	266.8	4,400*	310
315										13.8	248.0	4,000*	315



Liftcrane Fixed Jib Capacities

**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

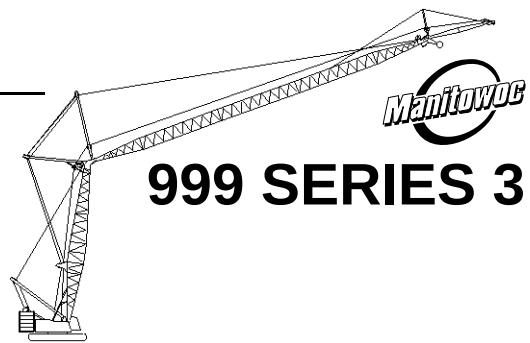
180 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

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	11,900*	200
205	41.9	354.1	7,700*	44.0	360.6	9,600*	47.0	369.0	11,600*	49.8	376.0	11,800*	205
210	40.1	348.2	7,300*	42.3	355.1	9,100*	45.4	364.1	11,500*	48.3	371.6	11,700*	210
215	38.3	341.9	6,900*	40.6	349.3	8,600*	43.8	358.9	11,300*	46.8	366.9	11,500*	215
220	36.4	335.1	6,600*	38.7	343.1	8,200*	42.1	353.4	11,100*	45.2	361.9	11,400*	220
225	34.4	327.9	6,300*	36.9	336.5	7,800*	40.3	347.5	10,600*	43.5	356.6	11,200*	225
230	32.3	320.0	6,000*	34.9	329.3	7,400*	38.5	341.3	10,000*	41.8	351.1	11,100*	230
235	30.0	311.5	5,700*	32.8	321.7	7,000*	36.6	334.6	9,500*	40.1	345.1	11,000*	235
240	27.6	302.1	5,400*	30.6	313.3	6,700*	34.6	327.4	9,000*	38.3	338.8	10,700*	240
245	25.0	291.6	5,200*	28.3	304.2	6,400*	32.5	319.6	8,600*	36.4	332.1	10,300*	245
250	22.1	279.7	5,000*	25.7	294.0	6,100*	30.3	311.2	8,200*	34.4	324.8	9,900*	250
255	18.7	265.7	4,800*	22.8	282.5	5,800*	27.9	301.9	7,800*	32.2	317.0	9,600*	255
260	14.5	248.0	4,700*	19.6	269.1	5,600*	25.3	291.6	7,400*	30.0	308.5	9,300*	260
265	8.4	221.5	4,700*	15.7	252.6	5,400*	22.5	279.9	7,100*	27.6	299.1	9,000*	265
270				10.3	229.5	5,300*	19.1	266.2	6,700*	25.0	288.6	8,700*	270
275							15.1	249.1	6,500*	22.0	276.6	8,400*	275
280							9.4	224.6	6,300*	18.6	262.5	8,100*	280
285										14.5	244.8	7,800*	285
290										8.3	218.1	7,500*	290

Liftcrane Fixed Jib Capacities

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	12,300*	190
195	47.4	378.9	8,500*	49.2	384.2	10,600*	51.9	391.1	11,800*	54.4	396.8	12,000*	195
200	45.8	374.1	8,100*	47.7	379.7	10,100*	50.5	387.0	11,700*	53.1	393.0	11,900*	200
205	44.3	368.9	7,700*	46.2	374.9	9,600*	49.0	382.7	11,600*	51.7	389.1	11,900*	205
210	42.7	363.5	7,300*	44.7	369.8	9,100*	47.5	378.1	11,400*	50.3	384.9	11,600*	210
215	41.0	357.8	6,900*	43.1	364.5	8,700*	46.0	373.3	11,300*	48.8	380.5	11,500*	215
220	39.3	351.7	6,600*	41.4	358.9	8,300*	44.5	368.2	10,800*	47.3	375.9	11,300*	220
225	37.5	345.2	6,300*	39.7	352.9	7,900*	42.9	362.8	10,400*	45.8	371.1	11,200*	225
230	35.6	338.3	6,000*	38.0	346.5	7,500*	41.2	357.1	10,100*	44.3	365.9	11,100*	230
235	33.7	330.8	5,700*	36.1	339.7	7,100*	39.5	351.1	9,700*	42.6	360.5	10,700*	235
240	31.6	322.8	5,400*	34.2	332.4	6,800*	37.7	344.6	9,200*	41.0	354.8	10,300*	240
245	29.4	314.1	5,200*	32.2	324.5	6,500*	35.9	337.8	8,700*	39.3	348.7	9,900*	245
250	27.1	304.5	5,000*	30.0	316.0	6,200*	33.9	330.4	8,300*	37.5	342.2	9,600*	250
255	24.5	293.8	4,800*	27.7	306.6	5,900*	31.9	322.4	7,900*	35.6	335.3	9,300*	255
260	21.6	281.6	4,600*	25.2	296.2	5,600*	29.7	313.8	7,600*	33.7	327.8	9,000*	260
265	18.3	267.2	4,500*	22.4	284.4	5,400*	27.4	304.3	7,200*	31.6	319.8	8,700*	265
270	14.2	249.2	4,400*	19.2	270.7	5,200*	24.8	293.8	6,900*	29.4	311.0	8,400*	270
275	8.2	222.2	4,400*	15.4	253.9	5,100*	22.0	281.8	6,600*	27.0	301.4	8,100*	275
280				10.1	230.3	5,000*	18.8	267.8	6,300*	24.5	290.7	7,800*	280
285							14.8	250.4	6,100*	21.6	278.5	7,600*	285
290							9.2	225.3	5,900*	18.3	264.1	7,400*	290
295										14.2	246.0	7,000*	295
300										8.1	218.8	6,600*	300



Liftcrane Fixed Jib Capacities

**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	12,000*	190
195	49.3	392.4	8,400*	51.0	397.4	10,400*	53.5	403.8	11,700*	55.9	409.1	11,900*	195
200	47.9	387.9	8,000*	49.6	393.2	10,000*	52.2	399.9	11,600*	54.7	405.5	11,900*	200
205	46.4	383.2	7,600*	48.2	388.7	9,500*	50.8	395.9	11,500*	53.3	401.8	11,600*	205
210	44.9	378.2	7,300*	46.8	384.0	9,100*	49.5	391.6	11,400*	52.0	397.9	11,500*	210
215	43.4	372.9	6,900*	45.3	379.0	8,700*	48.0	387.1	11,200*	50.6	393.8	11,400*	215
220	41.8	367.3	6,600*	43.8	373.8	8,300*	46.6	382.4	11,100*	49.3	389.5	11,400*	220
225	40.2	361.4	6,300*	42.2	368.3	7,900*	45.1	377.4	10,700*	47.8	384.9	11,100*	225
230	38.5	355.1	6,000*	40.6	362.5	7,500*	43.6	372.1	10,200*	46.4	380.2	11,000*	230
235	36.8	348.5	5,700*	39.0	356.4	7,200*	42.0	366.6	9,700*	44.9	375.2	10,900*	235
240	34.9	341.4	5,400*	37.2	349.8	6,800*	40.4	360.7	9,300*	43.4	369.9	10,800*	240
245	33.0	333.8	5,200*	35.4	342.8	6,500*	38.7	354.5	8,900*	41.8	364.3	10,500*	245
250	31.0	325.5	5,000*	33.5	335.3	6,200*	37.0	347.9	8,500*	40.2	358.4	10,200*	250
255	28.9	316.6	4,800*	31.5	327.3	5,900*	35.2	340.9	8,100*	38.5	352.1	9,800*	255
260	26.5	306.8	4,600*	29.4	318.5	5,700*	33.3	333.3	7,700*	36.8	345.5	9,500*	260
265	24.0	295.8	4,100*	27.1	309.0	5,400*	31.3	325.2	7,400*	34.9	338.4	9,200*	265
270				24.7	298.3	5,200*	29.1	316.4	7,000*	33.0	330.7	8,800*	270
275				21.9	286.3	5,000*	26.8	306.7	6,700*	31.0	322.5	8,400*	275
280				18.8	272.3	4,900*	24.4	295.9	6,400*	28.8	313.6	7,900*	280
285				15.1	255.1	4,700*	21.6	283.7	6,200*	26.5	303.7	7,500*	285
290				9.9	231.1	4,700*	18.4	269.4	5,900*	24.0	292.8	7,100*	290
295							14.5	251.6	5,700*	21.2	280.3	6,700*	295
300							9.0	226.0	5,600*	17.9	265.6	6,300*	300
305										13.9	247.2	5,900*	305
310										8.0	219.4	5,500*	310

Liftcrane Fixed Jib Capacities

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

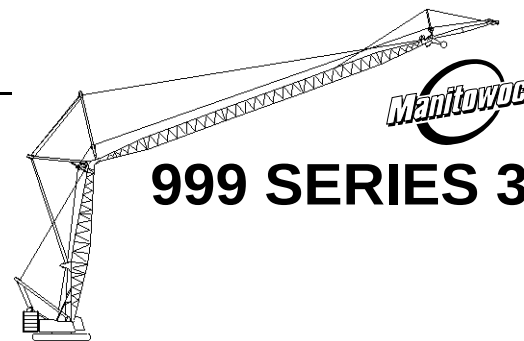
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	12,000*	185
190	52.3	409.7	8,600*	53.9	414.1	10,700*	56.3	419.8	11,800*	58.5	424.4	11,800*	190
195	51.0	405.6	8,300*	52.6	410.3	10,300*	55.0	416.3	11,600*	57.3	421.1	11,700*	195
200	49.7	401.4	7,900*	51.4	406.2	9,800*	53.8	412.6	11,500*	56.1	417.8	11,600*	200
205	48.3	396.9	7,500*	50.0	402.1	9,400*	52.5	408.7	11,400*	54.8	414.2	11,600*	205
210	46.9	392.2	7,200*	48.7	397.7	9,000*	51.2	404.7	11,300*	53.6	410.5	11,500*	210
215	45.5	387.3	6,900*	47.3	393.0	8,600*	49.9	400.5	11,200*	52.3	406.7	11,300*	215
220	44.1	382.2	6,500*	45.9	388.2	8,200*	48.5	396.1	11,000*	51.0	402.6	11,300*	220
225	42.6	376.7	6,200*	44.4	383.1	7,800*	47.1	391.4	10,600*	49.7	398.4	11,100*	225
230	41.0	371.0	5,900*	43.0	377.7	7,500*	45.7	386.5	10,100*	48.3	393.9	10,900*	230
235	39.4	365.0	5,700*	41.4	372.1	7,200*	44.3	381.4	9,700*	46.9	389.2	10,800*	235
240	37.8	358.5	5,400*	39.9	366.1	6,800*	42.8	376.0	9,300*	45.5	384.3	10,600*	240
245	36.1	351.7	5,200*	38.2	359.8	6,500*	41.2	370.3	8,900*	44.1	379.2	10,200*	245
250	34.3	344.4	4,900*	36.5	353.1	6,200*	39.6	364.3	8,500*	42.6	373.7	9,900*	250
255	32.4	336.6	4,300*	34.8	345.9	6,000*	38.0	357.9	8,100*	41.0	368.0	9,500*	255
260	30.4	328.2	4,000*	32.9	338.3	5,700*	36.3	351.2	7,800*	39.4	361.9	9,100*	260
265				30.9	330.0	5,400*	34.5	344.0	7,400*	37.8	355.5	8,700*	265
270				28.9	321.1	5,200*	32.7	336.2	7,100*	36.1	348.7	8,200*	270
275				26.6	311.3	5,000*	30.7	327.9	6,800*	34.3	341.4	7,700*	275
280				24.2	300.4	4,800*	28.6	318.9	6,500*	32.4	333.6	7,300*	280
285				21.5	288.2	4,400*	26.3	309.0	6,200*	30.4	325.2	6,900*	285
290				18.5	273.9	4,200*	23.9	298.0	6,000*	28.3	316.0	6,400*	290
295				14.8	256.4	4,100*	21.2	285.5	5,700*	26.0	306.0	6,000*	295
300				9.7	231.9	4,100*	18.1	270.9	5,600*	23.5	294.8	5,600*	300
305							14.2	252.8	5,300*	20.8	282.1	5,300*	305
310							8.9	226.7	4,700*	17.6	267.1	4,900*	310
315										13.6	248.3	4,500*	315
320										7.8	220.0	4,200*	320



Liftcrane Fixed Jib Capacities

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	11,300*	205
210	48.8	405.9	7,100*	50.4	410.9	8,900*	52.8	417.5	11,200*	210
215	47.4	401.3	6,800*	49.1	406.6	8,500*	51.5	413.5	10,900*	215
220	46.1	396.5	6,500*	47.8	402.1	8,100*	50.2	409.4	10,500*	220
225	44.7	391.4	6,200*	46.4	397.3	7,800*	48.9	405.0	10,200*	225
230	43.3	386.1	5,900*	45.0	392.3	7,400*	47.6	400.4	9,800*	230
235	41.8	380.5	5,600*	43.6	387.1	7,100*	46.3	395.7	9,500*	235
240	40.3	374.6	5,000*	42.2	381.6	6,800*	44.9	390.6	9,100*	240
245	38.7	368.4	4,700*	40.7	375.8	6,500*	43.4	385.4	8,800*	245
250	37.1	361.9	4,300*	39.1	369.6	6,200*	42.0	379.8	8,500*	250
255	35.4	354.9	4,000*	37.5	363.2	6,000*	40.5	374.0	8,100*	255
260				35.9	356.3	5,700*	38.9	367.8	7,800*	260
265				34.1	349.0	5,400*	37.3	361.3	7,400*	265
270				32.3	341.1	5,200*	35.6	354.4	7,100*	270
275				30.4	332.7	4,600*	33.9	347.0	6,800*	275
280				28.4	323.6	4,300*	32.1	339.1	6,500*	280
285				26.2	313.6	4,100*	30.1	330.6	6,300*	285
290							28.1	321.3	6,000*	290
295							25.9	311.2	5,600*	295
300							23.5	300.0	5,200*	300
305							20.8	287.3	4,800*	305
310							17.7	272.4	4,400*	310
315							14.0	254.0	4,100*	315

Liftcrane Fixed Jib Capacities

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

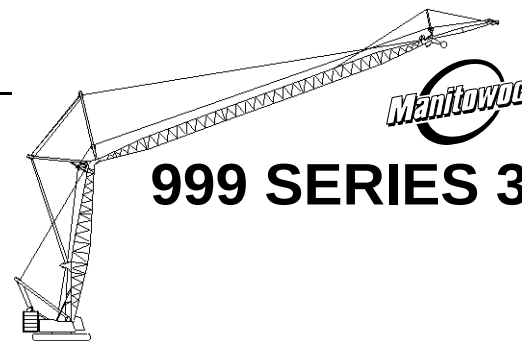
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	31,500*	125
130	55.7	364.2	18,400*	57.9	368.2	22,500*	61.2	373.0	28,700*	64.3	376.7	31,400*	130
135	53.9	360.5	17,400*	56.2	364.8	21,400*	59.6	370.1	27,400*	62.7	374.1	31,200*	135
140	52.1	356.7	16,500*	54.5	361.3	20,300*	57.9	367.0	26,200*	61.1	371.4	30,700	140
145	50.3	352.6	15,600*	52.7	357.5	19,200*	56.2	363.7	25,000*	59.5	368.4	29,100	145
150	48.4	348.2	14,800*	50.9	353.5	18,200*	54.5	360.2	23,800*	57.8	365.3	27,700	150
155	46.5	343.5	14,100*	49.1	349.2	17,300*	52.7	356.4	22,700*	56.1	362.0	26,300*	155
160	44.5	338.5	13,300*	47.1	344.7	16,400*	50.9	352.4	21,500*	54.4	358.4	25,000*	160
165	42.4	333.1	12,600*	45.2	339.7	15,500*	49.0	348.1	20,500*	52.6	354.7	23,700*	165
170	40.3	327.3	12,000*	43.1	334.5	14,700*	47.1	343.5	19,400*	50.8	350.6	22,500*	170
175	38.0	321.0	11,400*	41.0	328.8	14,000*	45.1	338.6	18,500*	48.9	346.3	21,400*	175
180	35.6	314.2	10,900*	38.7	322.7	13,300*	43.1	333.3	17,500*	47.0	341.7	20,400*	180
185	33.0	306.7	10,400*	36.4	316.0	12,600*	40.9	327.6	16,700*	45.0	336.8	19,400*	185
190	30.3	298.4	10,000*	33.9	308.8	12,000*	38.7	321.5	15,800*	43.0	331.5	18,400*	190
195	27.3	289.1	9,600*	31.2	300.8	11,500*	36.3	314.8	15,000*	40.8	325.8	17,600*	195
200	24.0	278.4	9,300*	28.3	291.8	11,000*	33.8	307.5	14,300*	38.6	319.7	16,700*	200
205	20.1	265.6	9,000*	25.1	281.6	10,600*	31.2	299.5	13,600*	36.2	313.0	15,900*	205
210	15.3	249.4	8,800*	21.4	269.6	10,200*	28.3	290.5	13,000*	33.7	305.7	15,100*	210
215	7.9	223.6	8,800*	17.0	254.8	9,900*	25.0	280.3	12,400*	31.1	297.6	14,400*	215
220				10.9	233.6	9,800*	21.4	268.2	11,900*	28.1	288.6	13,700*	220
225							16.9	253.3	11,500*	24.9	278.3	13,000*	225
230							10.7	232.0	11,200*	21.2	266.2	12,400*	230
235										16.7	251.1	11,800*	235
240										10.4	229.3	11,100*	240



Liftcrane Fixed Jib Capacities

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

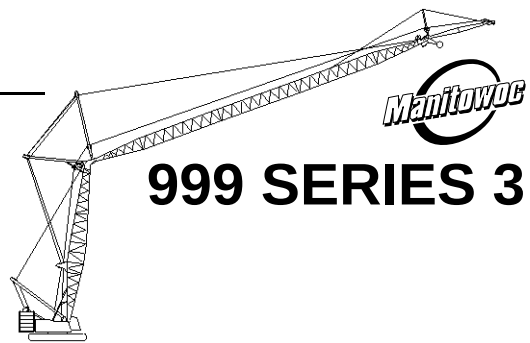
190 Ft. Boom, 180 Ft. Luffing Jib, 30 Ft. Fixed Jib

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	29,000*	130
135	55.9	372.9	17,000*	58.0	376.8	20,800*	61.1	381.7	26,500*	64.1	385.3	29,000*	135
140	54.2	369.3	16,200*	56.4	373.5	19,800*	59.6	378.8	25,400*	62.6	382.8	28,800*	140
145	52.5	365.5	15,300*	54.8	370.0	18,800*	58.0	375.7	24,300*	61.1	380.0	28,500*	145
150	50.8	361.5	14,600*	53.1	366.3	17,900*	56.4	372.4	23,200*	59.5	377.1	27,000*	150
155	49.0	357.2	13,800*	51.4	362.4	17,000*	54.7	368.9	22,200*	57.9	374.0	25,500*	155
160	47.2	352.6	13,100*	49.6	358.2	16,100*	53.1	365.2	21,100*	56.3	370.7	24,200*	160
165	45.3	347.7	12,500*	47.8	353.7	15,300*	51.3	361.2	20,200*	54.7	367.2	23,000*	165
170	43.4	342.5	11,900*	45.9	348.9	14,600*	49.6	357.0	19,200*	53.0	363.4	21,800*	170
175	41.4	336.9	11,300*	44.0	343.8	13,900*	47.8	352.5	18,300*	51.3	359.5	20,700*	175
180	39.2	330.9	10,800*	42.0	338.3	13,200*	45.9	347.7	17,400*	49.5	355.2	19,600*	180
185	37.0	324.4	10,300*	39.9	332.4	12,600*	44.0	342.6	16,600*	47.7	350.7	18,700*	185
190	34.7	317.3	9,800*	37.8	326.1	12,000*	42.0	337.1	15,800*	45.8	345.9	17,700*	190
195	32.2	309.6	9,400*	35.5	319.2	11,400*	39.9	331.2	15,000*	43.9	340.8	16,800*	195
200	29.6	301.0	9,000*	33.0	311.7	10,900*	37.7	324.9	14,300*	41.9	335.3	16,000*	200
205	26.6	291.4	8,700*	30.4	303.5	10,400*	35.4	318.0	13,600*	39.8	329.4	15,200*	205
210	23.4	280.4	8,400*	27.6	294.2	10,000*	33.0	310.5	13,000*	37.6	323.1	14,400*	210
215	19.6	267.3	8,200*	24.5	283.7	9,700*	30.4	302.2	12,400*	35.3	316.2	13,700*	215
220	14.9	250.6	8,100*	20.9	271.4	9,400*	27.6	292.9	11,900*	32.9	308.6	13,000*	220
225				16.6	256.2	9,100*	24.4	282.4	11,400*	30.3	300.3	12,400*	225
230	7.7	224.2	8,100*	10.6	234.5	9,000*	20.8	270.0	11,000*	27.4	291.0	11,700*	230
235							16.5	254.7	10,600*	24.3	280.4	11,100*	235
240							10.4	232.8	10,300*	20.7	268.0	10,500*	240
245										16.3	252.5	9,900*	245
250										10.1	230.2	9,400*	250

Liftcrane Fixed Jib Capacities

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

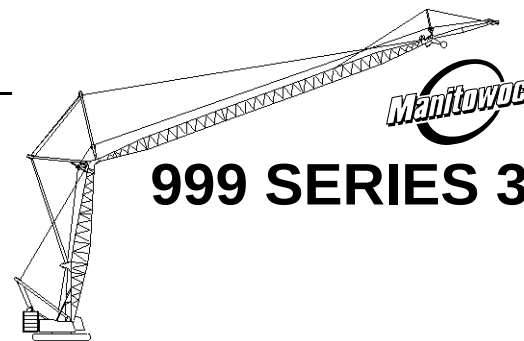
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	27,000*	130
135	57.6	384.9	16,600*	59.6	388.6	20,300*	62.5	393.1	25,600*	65.4	396.4	26,900*	135
140	56.1	381.6	15,800*	58.1	385.5	19,300*	61.1	390.4	24,600*	63.9	394.0	26,900*	140
145	54.5	378.0	15,000*	56.6	382.2	18,400*	59.6	387.5	23,600*	62.5	391.4	26,800*	145
150	52.9	374.3	14,300*	55.0	378.8	17,600*	58.1	384.4	22,700*	61.0	388.7	26,600*	150
155	51.2	370.3	13,600*	53.4	375.1	16,700*	56.5	381.1	21,700*	59.5	385.8	25,200*	155
160	49.6	366.1	12,900*	51.8	371.2	15,900*	55.0	377.6	20,700*	58.0	382.7	23,900*	160
165	47.8	361.6	12,300*	50.1	367.0	15,100*	53.4	373.9	19,800*	56.5	379.4	22,600*	165
170	46.1	356.8	11,700*	48.4	362.6	14,400*	51.7	370.0	18,900*	54.9	375.9	21,400*	170
175	44.2	351.8	11,200*	46.6	358.0	13,700*	50.1	365.9	18,100*	53.3	372.2	20,300*	175
180	42.3	346.3	10,600*	44.8	353.0	13,100*	48.4	361.5	17,200*	51.7	368.3	19,300*	180
185	40.4	340.5	10,100*	43.0	347.7	12,500*	46.6	356.8	16,400*	50.0	364.1	18,300*	185
190	38.3	334.3	9,700*	41.0	342.0	11,900*	44.8	351.8	15,700*	48.3	359.7	17,400*	190
195	36.2	327.6	9,300*	39.0	336.0	11,400*	42.9	346.5	15,000*	46.5	355.0	16,500*	195
200	33.9	320.3	8,900*	36.9	329.4	10,800*	41.0	340.8	14,300*	44.7	350.1	15,700*	200
205	31.5	312.4	8,500*	34.6	322.3	10,400*	38.9	334.8	13,600*	42.8	344.7	14,900*	205
210	28.9	303.6	8,200*	32.3	314.6	9,900*	36.8	328.2	13,000*	40.9	339.0	14,100*	210
215	26.0	293.7	7,900*	29.7	306.1	9,500*	34.6	321.1	12,400*	38.9	332.9	13,400*	215
220	22.8	282.4	7,700*	27.0	296.6	9,200*	32.2	313.3	11,900*	36.7	326.4	12,700*	220
225	19.2	269.0	7,500*	23.9	285.8	8,900*	29.7	304.8	11,400*	34.5	319.2	12,000*	225
230	14.6	251.9	7,500*	20.4	273.2	8,600*	26.9	295.3	10,900*	32.1	311.5	11,400*	230
235	7.5	224.8	7,400*	16.2	257.6	8,400*	23.8	284.5	10,500*	29.6	302.9	10,800*	235
240				10.3	235.4	8,400*	20.3	271.8	10,000*	26.8	293.4	10,200*	240
245							16.1	256.1	9,500*	23.7	282.5	9,600*	245
250							10.2	233.7	8,900*	20.2	269.7	9,100*	250
255										15.9	253.9	8,600*	255
260										9.9	231.0	8,000*	260



Liftcrane Fixed Jib Capacities

999 SERIES 3

**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**

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	24,800*	135
140	57.7	393.6	15,400*	59.6	397.3	18,800*	62.4	401.8	23,600*	65.1	405.1	24,800*	140
145	56.2	390.3	14,600*	58.2	394.2	17,900*	61.0	399.0	22,700*	63.8	402.7	24,700*	145
150	54.7	386.7	13,900*	56.7	390.9	17,100*	59.6	396.1	21,900*	62.4	400.1	24,700*	150
155	53.2	383.0	13,300*	55.2	387.5	16,300*	58.2	393.0	21,000*	61.0	397.3	24,400*	155
160	51.6	379.1	12,600*	53.7	383.8	15,600*	56.7	389.8	20,100*	59.6	394.4	23,100*	160
165	50.0	375.0	12,000*	52.2	380.0	14,800*	55.2	386.3	19,300*	58.1	391.3	21,900*	165
170	48.4	370.6	11,400*	50.6	375.9	14,200*	53.7	382.7	18,500*	56.6	388.1	20,700*	170
175	46.7	365.9	10,900*	48.9	371.6	13,500*	52.1	378.8	17,700*	55.1	384.6	19,600*	175
180	45.0	361.0	10,400*	47.3	367.0	12,900*	50.5	374.7	16,900*	53.6	381.0	18,600*	180
185	43.2	355.7	10,000*	45.6	362.2	12,300*	48.9	370.4	16,200*	52.1	377.1	17,600*	185
190	41.4	350.1	9,500*	43.8	357.0	11,700*	47.2	365.9	15,500*	50.5	373.0	16,700*	190
195	39.4	344.1	9,100*	42.0	351.5	11,200*	45.5	361.0	14,800*	48.8	368.7	15,800*	195
200	37.4	337.7	8,700*	40.1	345.7	10,700*	43.8	355.8	14,100*	47.2	364.1	15,000*	200
205	35.3	330.8	8,300*	38.1	339.4	10,200*	41.9	350.3	13,500*	45.5	359.2	14,200*	205
210	33.1	323.3	8,000*	36.0	332.7	9,800*	40.0	344.5	12,900*	43.7	354.1	13,400*	210
215	30.8	315.1	7,700*	33.8	325.4	9,400*	38.1	338.2	12,300*	41.9	348.6	12,700*	215
220	28.2	306.0	7,400*	31.5	317.4	9,000*	36.0	331.4	11,800*	40.0	342.7	12,000*	220
225	25.4	295.9	7,200*	29.1	308.7	8,700*	33.8	324.1	11,200*	38.0	336.4	11,300*	225
230	22.3	284.3	7,000*	26.4	298.9	8,400*	31.5	316.1	10,600*	35.9	329.6	10,700*	230
235	18.7	270.6	6,900*	23.4	287.9	8,100*	29.0	307.4	10,000*	33.7	322.3	10,100*	235
240	14.2	253.1	6,400*	20.0	274.9	7,800*	26.3	297.6	9,400*	31.4	314.3	9,500*	240
245	7.3	225.4	5,800*	15.8	258.9	7,300*	23.3	286.5	8,900*	28.9	305.5	9,000*	245
250				10.1	236.2	6,700*	19.9	273.5	8,300*	26.2	295.7	8,400*	250
255							15.7	257.4	7,800*	23.2	284.5	7,900*	255
260							9.9	234.5	7,300*	19.7	271.4	7,400*	260
265										15.6	255.2	6,900*	265
270										9.7	231.8	6,400*	270

Liftcrane Fixed Jib Capacities

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

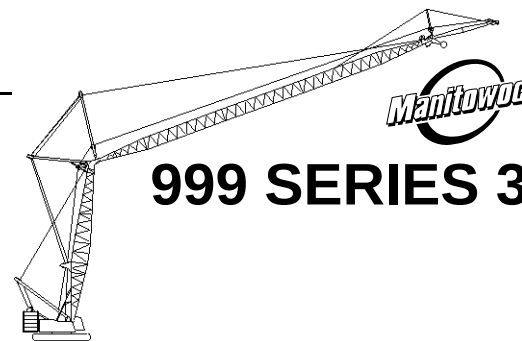
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	22,900*	140
145	57.8	402.2	14,200*	59.7	405.9	17,400*	62.3	410.4	21,800*	64.9	413.8	22,900*	145
150	56.4	398.9	13,600*	58.3	402.8	16,600*	61.0	407.7	21,000*	63.6	411.4	22,800*	150
155	55.0	395.5	12,900*	56.9	399.6	15,900*	59.6	404.8	20,300*	62.3	408.8	22,700*	155
160	53.5	391.8	12,300*	55.4	396.2	15,200*	58.2	401.7	19,500*	60.9	406.0	22,500*	160
165	52.0	387.9	11,800*	54.0	392.6	14,500*	56.8	398.5	18,700*	59.6	403.1	21,300*	165
170	50.5	383.8	11,200*	52.5	388.8	13,900*	55.4	395.0	18,000*	58.2	400.0	20,100*	170
175	48.9	379.5	10,700*	51.0	384.8	13,300*	53.9	391.4	17,300*	56.8	396.8	19,000*	175
180	47.3	375.0	10,200*	49.4	380.5	12,700*	52.5	387.6	16,500*	55.4	393.3	18,000*	180
185	45.7	370.1	9,800*	47.9	376.0	12,100*	51.0	383.6	15,800*	53.9	389.7	17,000*	185
190	44.0	365.0	9,300*	46.2	371.3	11,600*	49.4	379.3	15,200*	52.4	385.9	16,100*	190
195	42.3	359.6	8,900*	44.6	366.3	11,000*	47.8	374.9	14,500*	50.9	381.9	15,200*	195
200	40.5	353.8	8,600*	42.8	360.9	10,600*	46.2	370.1	13,900*	49.3	377.6	14,400*	200
205	38.6	347.6	8,200*	41.0	355.3	10,100*	44.5	365.1	13,300*	47.8	373.1	13,600*	205
210	36.6	341.0	7,800*	39.2	349.2	9,700*	42.8	359.8	12,700*	46.1	368.4	12,900*	210
215	34.6	333.9	7,500*	37.3	342.8	9,300*	41.0	354.1	12,100*	44.5	363.3	12,100*	215
220	32.4	326.2	7,200*	35.2	335.8	8,900*	39.2	348.0	11,400*	42.7	358.0	11,500*	220
225	30.1	317.8	7,000*	33.1	328.3	8,500*	37.2	341.5	10,700*	40.9	352.3	10,800*	225
230	27.6	308.5	6,800*	30.9	320.1	8,200*	35.2	334.6	10,100*	39.1	346.2	10,200*	230
235	24.9	298.1	6,400*	28.4	311.2	7,900*	33.1	327.1	9,500*	37.1	339.7	9,600*	235
240	21.8	286.2	5,900*	25.8	301.2	7,300*	30.8	318.9	8,900*	35.1	332.7	9,000*	240
245	18.3	272.2	5,400*	22.9	289.8	6,800*	28.4	309.9	8,400*	33.0	325.2	8,400*	245
250	13.9	254.3	4,900*	19.5	276.6	6,300*	25.7	299.9	7,800*	30.7	317.0	7,900*	250
255		226.0	4,400*	15.5	260.2	5,800*	22.8	288.5	7,300*	28.3	308.0	7,400*	255
260				9.9	237.1	5,300*	19.4	275.2	6,800*	25.6	297.9	6,900*	260
265							15.4	258.8	6,300*	22.7	286.5	6,400*	265
270							9.7	235.3	5,800*	19.3	273.1	6,000*	270
275										15.2	256.5	5,500*	275
280										9.5	232.6	5,000*	280



Liftcrane Fixed Jib Capacities

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	28,300*	130
135	56.3	372.7	16,800*	58.5	376.7	20,500*	61.6	381.6	26,200*	64.6	385.2	28,200*	135
140	54.7	369.2	15,900*	56.8	373.4	19,500*	60.0	378.7	25,100*	63.0	382.7	28,100*	140
145	53.0	365.4	15,000*	55.2	369.9	18,500*	58.4	375.6	24,000*	61.5	379.9	28,000*	145
150	51.2	361.3	14,300*	53.5	366.2	17,500*	56.8	372.3	22,900*	60.0	377.0	27,800	150
155	49.5	357.0	13,500*	51.8	362.2	16,600*	55.2	368.8	21,900*	58.4	373.9	26,400*	155
160	47.6	352.4	12,800*	50.0	358.0	15,800*	53.5	365.0	20,800*	56.7	370.6	25,100*	160
165	45.7	347.6	12,100*	48.2	353.5	14,900*	51.8	361.1	19,800*	55.1	367.1	23,800*	165
170	43.8	342.3	11,500*	46.4	348.8	14,200*	50.0	356.9	18,800*	53.4	363.3	22,600*	170
175	41.8	336.7	10,900*	44.4	343.6	13,500*	48.2	352.4	17,900*	51.7	359.3	21,500*	175
180	39.7	330.7	10,400*	42.4	338.2	12,800*	46.3	347.6	17,000*	49.9	355.1	20,500*	180
185	37.5	324.2	9,900*	40.4	332.3	12,100*	44.4	342.5	16,100*	48.1	350.6	19,500*	185
190	35.1	317.1	9,400*	38.2	325.9	11,500*	42.4	337.0	15,300*	46.3	345.8	18,600*	190
195	32.6	309.4	9,000*	35.9	319.1	10,900*	40.3	331.1	14,500*	44.3	340.7	17,700*	195
200	30.0	300.8	8,600*	33.5	311.5	10,400*	38.1	324.7	13,800*	42.3	335.2	16,800*	200
205	27.0	291.2	8,300*	30.8	303.3	9,900*	35.8	317.8	13,100*	40.2	329.3	16,000*	205
210	23.8	280.1	8,000*	28.0	294.0	9,500*	33.4	310.3	12,400*	38.1	322.9	15,300*	210
215	20.0	267.0	7,700*	24.9	283.5	9,100*	30.8	302.0	11,800*	35.8	316.0	14,500*	215
220	15.3	250.2	7,600*	21.3	271.1	8,800*	28.0	292.7	11,300*	33.3	308.4	13,800*	220
225													
230	7.9	223.4	7,600*	16.9	255.8	8,500*	24.8	282.2	10,800*	30.7	300.1	13,200*	225
235				10.9	234.0	8,400*	21.2	269.8	10,300*	27.8	290.8	12,500*	230
240							16.8	254.4	10,000*	24.7	280.2	11,900*	235
245							10.7	232.2	9,700*	21.1	267.7	11,300*	240
250										16.7	252.1	10,700*	245
										10.4	229.6	10,100*	250

Liftcrane Fixed Jib Capacities

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

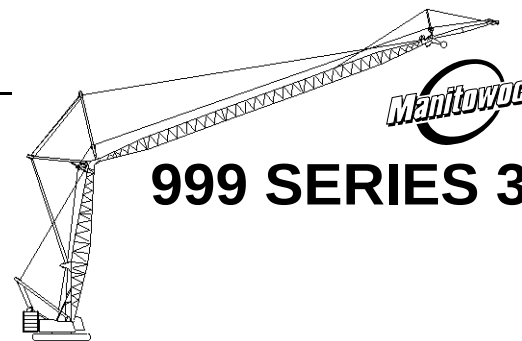
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



999 SERIES 3

190 Ft. Boom, 180 Ft. Luffing Jib, 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	26,200*	135
140	56.5	381.4	15,500*	58.5	385.4	19,000*	61.5	390.3	24,200*	64.4	393.9	26,100*	140
145	54.9	377.9	14,700*	57.0	382.1	18,100*	60.0	387.3	23,300*	62.9	391.3	26,000*	145
150	53.3	374.1	14,000*	55.4	378.6	17,200*	58.5	384.2	22,300*	61.4	388.6	26,000*	150
155	51.7	370.2	13,300*	53.8	375.0	16,400*	57.0	381.0	21,300*	60.0	385.6	25,700*	155
160	50.0	365.9	12,600*	52.2	371.1	15,600*	55.4	377.5	20,400*	58.4	382.5	24,300*	160
165	48.2	361.5	12,000*	50.5	366.9	14,800*	53.8	373.8	19,500*	56.9	379.3	23,100*	165
170	46.5	356.7	11,400*	48.8	362.5	14,000*	52.2	369.9	18,500*	55.3	375.8	21,900*	170
175	44.6	351.6	10,800*	47.0	357.8	13,300*	50.5	365.7	17,700*	53.7	372.1	20,800*	175
180	42.7	346.2	10,300*	45.2	352.9	12,700*	48.8	361.3	16,800*	52.1	368.2	19,800*	180
185	40.8	340.4	9,800*	43.4	347.6	12,100*	47.0	356.7	16,000*	50.4	364.0	18,800*	185
190	38.7	334.2	9,300*	41.4	341.9	11,500*	45.2	351.7	15,200*	48.7	359.6	17,900*	190
195	36.6	327.4	8,900*	39.4	335.8	10,900*	43.3	346.4	14,500*	46.9	354.9	17,000*	195
200	34.3	320.1	8,500*	37.3	329.2	10,400*	41.4	340.7	13,800*	45.1	349.9	16,100*	200
205	31.9	312.2	8,100*	35.0	322.1	9,900*	39.3	334.6	13,100*	43.2	344.6	15,300*	205
210	29.2	303.3	7,800*	32.7	314.4	9,500*	37.2	328.0	12,500*	41.3	338.9	14,600*	210
215	26.4	293.5	7,500*	30.1	305.9	9,100*	35.0	320.9	11,900*	39.3	332.8	13,800*	215
220	23.2	282.1	7,300*	27.3	296.4	8,700*	32.6	313.2	11,300*	37.1	326.2	13,100*	220
225	19.5	268.7	7,100*	24.3	285.6	8,400*	30.1	304.6	10,800*	34.9	319.1	12,500*	225
230	14.9	251.5	7,000*	20.8	272.9	8,100*	27.3	295.1	10,400*	32.5	311.3	11,800*	230
235	7.7	224.0	7,000*	16.5	257.2	7,900*	24.2	284.2	9,900*	30.0	302.7	11,200*	235
240				10.6	234.8	7,800*	20.7	271.5	9,600*	27.2	293.1	10,600*	240
245							16.4	255.7	9,200*	24.1	282.2	10,100*	245
250							10.5	233.1	9,000*	20.6	269.4	9,500*	250
255										16.3	253.5	9,000*	255
260										10.2	230.4	8,500*	260



Liftcrane Fixed Jib Capacities

**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

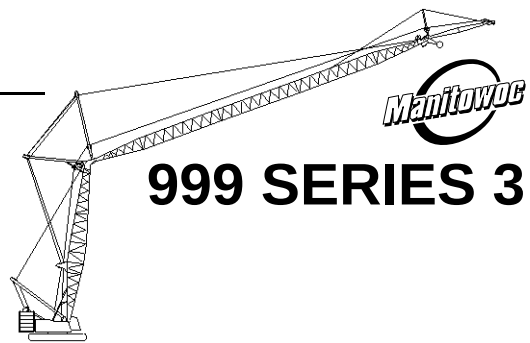
190 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

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	24,300*	135
140	58.1	393.4	15,200*	60.0	397.1	18,500*	62.8	401.7	23,400*	65.5	405.0	24,300*	140
145	56.6	390.1	14,400*	58.6	394.1	17,700*	61.4	398.9	22,500*	64.2	402.6	24,300*	145
150	55.1	386.6	13,700*	57.1	390.8	16,900*	60.0	396.0	21,700*	62.8	400.0	24,200*	150
155	53.6	382.9	13,000*	55.6	387.4	16,100*	58.6	392.9	20,800*	61.4	397.2	24,100*	155
160	52.0	379.0	12,400*	54.1	383.7	15,300*	57.1	389.7	19,900*	60.0	394.3	24,000*	160
165	50.4	374.8	11,800*	52.5	379.9	14,600*	55.6	386.2	19,100*	58.5	391.2	22,700*	165
170	48.8	370.4	11,200*	51.0	375.8	13,900*	54.1	382.6	18,300*	57.0	387.9	21,600*	170
175	47.1	365.8	10,700*	49.3	371.5	13,200*	52.5	378.7	17,400*	55.5	384.5	20,400*	175
180	45.4	360.8	10,200*	47.7	366.9	12,600*	50.9	374.6	16,700*	54.0	380.8	19,400*	180
185	43.6	355.6	9,700*	45.9	362.0	12,000*	49.3	370.3	15,900*	52.5	377.0	18,400*	185
190	41.7	350.0	9,200*	44.2	356.9	11,400*	47.6	365.7	15,100*	50.9	372.9	17,500*	190
195	39.8	344.0	8,800*	42.3	351.4	10,900*	45.9	360.9	14,400*	49.2	368.5	16,600*	195
200	37.8	337.5	8,400*	40.5	345.5	10,400*	44.1	355.7	13,800*	47.6	364.0	15,800*	200
205	35.7	330.6	8,000*	38.5	339.2	9,900*	42.3	350.2	13,100*	45.8	359.1	15,000*	205
210	33.5	323.1	7,700*	36.4	332.5	9,400*	40.4	344.3	12,500*	44.1	353.9	14,200*	210
215	31.1	314.9	7,400*	34.2	325.2	9,000*	38.4	338.0	12,000*	42.2	348.4	13,500*	215
220	28.6	305.8	7,100*	31.9	317.2	8,600*	36.4	331.3	11,400*	40.3	342.5	12,800*	220
225	25.8	295.7	6,900*	29.4	308.4	8,300*	34.2	323.9	10,900*	38.4	336.2	12,100*	225
230	22.7	284.1	6,700*	26.7	298.7	8,000*	31.9	316.0	10,400*	36.3	329.4	11,500*	230
235	19.1	270.3	6,500*	23.7	287.6	7,700*	29.4	307.2	10,000*	34.1	322.1	10,900*	235
240	14.5	252.7	6,400*	20.3	274.6	7,500*	26.7	297.4	9,600*	31.8	314.1	10,300*	240
245	7.5	224.5	6,400*	16.1	258.5	7,300*	23.7	286.3	9,200*	29.3	305.3	9,800*	245
250				10.4	235.6	7,200*	20.2	273.2	8,900*	26.6	295.4	9,200*	250
255							16.0	257.1	8,600*	23.5	284.2	8,700*	255
260							10.2	233.9	8,000*	20.1	271.1	8,200*	260
265										15.9	254.8	7,700*	265
270										9.9	231.2	7,200*	270

Liftcrane Fixed Jib Capacities

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

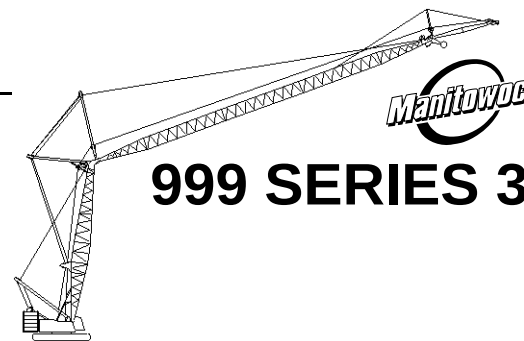
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	22,500*	140
145	58.2	402.1	14,000*	60.0	405.8	17,200*	62.7	410.3	21,600*	65.3	413.7	22,400*	145
150	56.8	398.8	13,400*	58.7	402.7	16,400*	61.4	407.6	20,800*	64.0	411.3	22,400*	150
155	55.3	395.3	12,700*	57.2	399.5	15,700*	60.0	404.7	20,100*	62.7	408.6	22,300*	155
160	53.9	391.7	12,100*	55.8	396.1	15,000*	58.6	401.6	19,300*	61.3	405.9	22,300*	160
165	52.4	387.8	11,500*	54.4	392.5	14,300*	57.2	398.3	18,500*	60.0	403.0	22,000*	165
170	50.9	383.7	11,000*	52.9	388.6	13,600*	55.8	394.9	17,800*	58.6	399.9	20,800*	170
175	49.3	379.4	10,500*	51.4	384.6	13,000*	54.3	391.3	17,000*	57.2	396.6	19,700*	175
180	47.7	374.8	10,000*	49.8	380.4	12,400*	52.8	387.5	16,300*	55.7	393.2	18,700*	180
185	46.1	370.0	9,500*	48.2	375.9	11,800*	51.3	383.5	15,600*	54.3	389.6	17,700*	185
190	44.4	364.9	9,100*	46.6	371.2	11,300*	49.8	379.2	14,900*	52.8	385.8	16,800*	190
195	42.6	359.4	8,700*	44.9	366.1	10,700*	48.2	374.7	14,200*	51.3	381.7	15,900*	195
200	40.8	353.6	8,300*	43.2	360.8	10,200*	46.6	370.0	13,600*	49.7	377.5	15,100*	200
205	38.9	347.4	7,900*	41.4	355.1	9,800*	44.9	364.9	13,000*	48.1	373.0	14,300*	205
210	37.0	340.8	7,500*	39.6	349.1	9,400*	43.2	359.6	12,400*	46.5	368.2	13,500*	210
215	34.9	333.7	7,200*	37.6	342.6	9,000*	41.4	353.9	11,900*	44.8	363.2	12,800*	215
220	32.8	326.0	6,900*	35.6	335.6	8,500*	39.5	347.9	11,400*	43.1	357.8	12,100*	220
225	30.4	317.6	6,700*	33.5	328.1	8,200*	37.6	341.4	10,900*	41.3	352.1	11,500*	225
230	27.9	308.3	6,400*	31.2	319.9	7,900*	35.6	334.4	10,400*	39.4	346.0	10,800*	230
235	25.2	297.9	6,200*	28.8	310.9	7,600*	33.4	326.9	9,900*	37.5	339.6	10,200*	235
240	22.2	286.0	6,100*	26.1	300.9	7,300*	31.2	318.7	9,500*	35.5	332.6	9,700*	240
245	18.6	271.8	6,000*	23.2	289.6	7,100*	28.7	309.7	9,000*	33.3	325.0	9,100*	245
250	14.2	253.8	5,500*	19.8	276.3	6,900*	26.1	299.6	8,500*	31.1	316.8	8,600*	250
255	7.3	225.1	5,100*	15.8	259.8	6,400*	23.1	288.2	8,000*	28.6	307.7	8,000*	255
260				10.1	236.4	5,900*	19.8	274.9	7,500*	26.0	297.7	7,500*	260
265							15.7	258.4	7,000*	23.0	286.2	7,100*	265
270							10.0	234.7	6,500*	19.6	272.8	6,600*	270
275										15.5	256.1	6,100*	275
280										9.7	232.0	5,700*	280



Liftcrane Fixed Jib Capacities

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

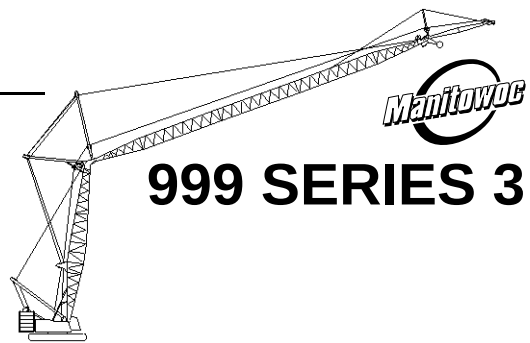
190 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

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	20,700*	145
150	58.3	410.8	13,000*	60.0	414.5	15,900*	62.6	419.0	20,000*	65.1	422.4	20,700*	150
155	56.9	407.5	12,400*	58.7	411.4	15,300*	61.3	416.2	19,300*	63.8	419.9	20,700*	155
160	55.5	404.1	11,800*	57.4	408.2	14,600*	60.0	413.3	18,600*	62.6	417.3	20,600*	160
165	54.1	400.4	11,300*	56.0	404.8	14,000*	58.7	410.3	17,900*	61.3	414.5	20,600*	165
170	52.7	396.6	10,800*	54.6	401.2	13,300*	57.3	407.0	17,200*	60.0	411.6	20,300*	170
175	51.2	392.6	10,300*	53.2	397.4	12,700*	56.0	403.6	16,600*	58.6	408.6	19,200*	175
180	49.8	388.3	9,800*	51.7	393.5	12,200*	54.6	400.0	15,900*	57.3	405.3	18,100*	180
185	48.2	383.8	9,300*	50.2	389.3	11,600*	53.1	396.3	15,200*	55.9	401.9	17,100*	185
190	46.7	379.1	8,900*	48.7	384.9	11,100*	51.7	392.3	14,600*	54.5	398.3	16,200*	190
195	45.1	374.1	8,500*	47.2	380.2	10,600*	50.2	388.1	14,000*	53.1	394.5	15,300*	195
200	43.4	368.8	8,100*	45.6	375.3	10,100*	48.7	383.7	13,400*	51.6	390.6	14,500*	200
205	41.7	363.2	7,800*	44.0	370.1	9,700*	47.2	379.0	12,800*	50.2	386.4	13,700*	205
210	40.0	357.2	7,500*	42.3	364.6	9,200*	45.6	374.1	12,300*	48.6	382.0	13,000*	210
215	38.1	350.9	7,100*	40.5	358.8	8,800*	43.9	368.9	11,700*	47.1	377.3	12,300*	215
220	36.2	344.0	6,800*	38.7	352.5	8,500*	42.2	363.4	11,200*	45.5	372.4	11,600*	220
225	34.2	336.7	6,500*	36.8	345.9	8,100*	40.5	357.6	10,800*	43.9	367.2	10,900*	225
230	32.1	328.8	6,300*	34.9	338.7	7,800*	38.7	351.3	10,200*	42.2	361.6	10,300*	230
235	29.8	320.2	6,100*	32.8	331.0	7,500*	36.8	344.7	9,600*	40.4	355.8	9,700*	235
240	27.4	310.6	5,900*	30.5	322.6	7,200*	34.8	337.5	9,100*	38.6	349.5	9,100*	240
245	24.7	300.0	5,600*	28.2	313.4	6,900*	32.7	329.8	8,500*	36.7	342.8	8,600*	245
250	21.7	287.8	5,100*	25.6	303.2	6,400*	30.5	321.4	8,000*	34.7	335.6	8,000*	250
255	18.2	273.4	4,600*	22.7	291.5	6,000*	28.1	312.1	7,400*	32.6	327.9	7,500*	255
260	13.9	255.0	4,200*	19.4	277.9	5,500*	25.5	301.8	7,000*	30.4	319.4	7,000*	260
265				15.5	261.1	5,000*	22.6	290.2	6,500*	28.0	310.2	6,500*	265
270				9.9	237.2	4,600*	19.4	276.5	6,000*	25.4	299.9	6,100*	270
275							15.4	259.6	5,500*	22.5	288.1	5,600*	275
280							9.8	235.5	5,100*	19.2	274.4	5,200*	280
285										15.2	257.4	4,800*	285
290										9.5	232.7	4,300*	290

Liftcrane Fixed Jib Capacities

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

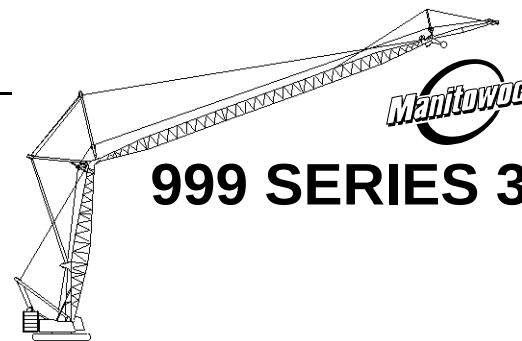
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	25,000*	135
140	57.0	382.0	15,700*	59.1	385.9	19,200*	62.0	390.7	24,300*	64.9	394.3	25,000*	140
145	55.4	378.5	14,900*	57.5	382.7	18,200*	60.5	387.9	23,400*	63.4	391.8	25,000*	145
150	53.8	374.8	14,100*	56.0	379.3	17,400*	59.0	384.8	22,400*	62.0	389.1	25,000*	150
155	52.2	370.9	13,400*	54.4	375.6	16,500*	57.5	381.5	21,400*	60.5	386.2	24,900*	155
160	50.5	366.7	12,700*	52.7	371.8	15,700*	55.9	378.1	20,500*	59.0	383.1	24,800*	160
165	48.8	362.3	12,000*	51.1	367.7	14,900*	54.3	374.5	19,600*	57.4	379.8	23,800*	165
170	47.0	357.6	11,400*	49.4	363.3	14,100*	52.7	370.6	18,600*	55.9	376.4	22,900*	170
175	45.2	352.5	10,800*	47.6	358.7	13,400*	51.0	366.5	17,800*	54.3	372.7	21,900*	175
180	43.3	347.2	10,300*	45.8	353.8	12,700*	49.3	362.1	16,900*	52.6	368.9	20,800*	180
185	41.4	341.4	9,700*	43.9	348.5	12,100*	47.6	357.5	16,000*	51.0	364.8	19,800*	185
190	39.3	335.3	9,300*	42.0	342.9	11,400*	45.8	352.6	15,200*	49.3	360.4	18,900*	190
195	37.2	328.7	8,800*	40.0	336.9	10,900*	43.9	347.3	14,500*	47.5	355.8	18,000*	195
200	34.9	321.5	8,400*	37.9	330.4	10,300*	42.0	341.7	13,800*	45.7	350.8	17,100*	200
205	32.5	313.6	8,000*	35.7	323.4	9,800*	40.0	335.7	13,100*	43.8	345.6	16,300*	205
210	30.0	305.0	7,700*	33.3	315.8	9,300*	37.9	329.2	12,400*	41.9	339.9	15,500*	210
215	27.2	295.3	7,400*	30.8	307.5	8,900*	35.6	322.2	11,800*	39.9	333.9	14,800*	215
220	24.1	284.3	7,100*	28.1	298.1	8,500*	33.3	314.6	11,200*	37.8	327.4	14,100*	220
225	20.5	271.3	6,900*	25.1	287.6	8,200*	30.8	306.2	10,700*	35.6	320.4	13,400*	225
230	16.1	254.9	6,700*	21.7	275.3	7,900*	28.0	296.9	10,200*	33.2	312.7	12,800*	230
235	9.7	230.6	6,700*	17.6	260.3	7,600*	25.0	286.3	9,700*	30.7	304.3	12,100*	235
240				12.2	239.7	7,500*	21.6	274.0	9,300*	27.9	294.9	11,500*	240
245							17.5	258.9	8,900*	24.9	284.3	11,000*	245
250							12.0	238.1	8,700*	21.5	271.9	10,400*	250
255										17.4	256.6	9,900*	255
260										11.8	235.5	9,300*	260



Liftcrane Fixed Jib Capacities

**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

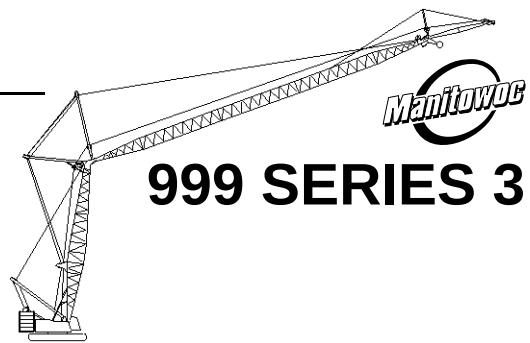
190 Ft. Boom, 180 Ft. Luffing Jib, 50 Ft. Fixed Jib

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	23,300*	140
145	57.2	390.7	14,500*	59.1	394.6	17,800*	61.9	399.4	22,500*	64.7	403.0	23,300*	145
150	55.7	387.2	13,800*	57.6	391.4	17,000*	60.5	396.5	21,700*	63.3	400.4	23,300*	150
155	54.1	383.6	13,100*	56.1	388.0	16,200*	59.1	393.5	20,800*	61.9	397.7	23,300*	155
160	52.6	379.7	12,500*	54.6	384.4	15,400*	57.6	390.2	20,000*	60.5	394.8	23,200*	160
165	51.0	375.6	11,900*	53.1	380.5	14,600*	56.1	386.8	19,100*	59.0	391.8	22,800*	165
170	49.3	371.2	11,300*	51.5	376.5	13,900*	54.6	383.2	18,300*	57.5	388.5	22,000*	170
175	47.7	366.6	10,700*	49.9	372.2	13,200*	53.0	379.4	17,500*	56.1	385.1	21,100*	175
180	45.9	361.7	10,200*	48.2	367.7	12,600*	51.5	375.3	16,700*	54.5	381.5	20,100*	180
185	44.2	356.5	9,700*	46.5	362.9	12,000*	49.8	371.1	15,900*	53.0	377.7	19,100*	185
190	42.3	351.0	9,200*	44.7	357.8	11,400*	48.2	366.5	15,100*	51.4	373.6	18,100*	190
195	40.4	345.0	8,700*	42.9	352.4	10,800*	46.5	361.7	14,400*	49.8	369.3	17,300*	195
200	38.4	338.7	8,300*	41.0	346.6	10,300*	44.7	356.6	13,700*	48.1	364.8	16,400*	200
205	36.3	331.9	7,900*	39.1	340.4	9,800*	42.9	351.2	13,100*	46.4	360.0	15,600*	205
210	34.1	324.5	7,600*	37.0	333.7	9,300*	41.0	345.4	12,400*	44.6	354.8	14,800*	210
215	31.8	316.4	7,300*	34.9	326.5	8,900*	39.0	339.2	11,800*	42.8	349.4	14,100*	215
220	29.3	307.5	7,000*	32.6	318.7	8,500*	37.0	332.5	11,300*	40.9	343.6	13,400*	220
225	26.5	297.6	6,700*	30.1	310.1	8,100*	34.8	325.3	10,700*	39.0	337.4	12,700*	225
230	23.5	286.3	6,500*	27.5	300.5	7,800*	32.5	317.4	10,200*	36.9	330.7	12,100*	230
235	20.0	272.9	6,300*	24.5	289.7	7,500*	30.1	308.8	9,800*	34.7	323.4	11,500*	235
240	15.7	256.2	6,200*	21.2	277.1	7,200*	27.4	299.2	9,300*	32.4	315.5	10,900*	240
245	9.4	231.4	6,200*	17.2	261.7	7,000*	24.5	288.4	8,900*	30.0	306.9	10,300*	245
250				11.9	240.6	6,900*	21.1	275.7	8,600*	27.3	297.3	9,800*	250
255							17.1	260.3	8,300*	24.3	286.3	9,200*	255
260							11.7	239.0	8,100*	21.0	273.6	8,700*	260
265										16.9	258.0	8,200*	265
270										11.5	236.4	7,700*	270

Liftcrane Fixed Jib Capacities

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

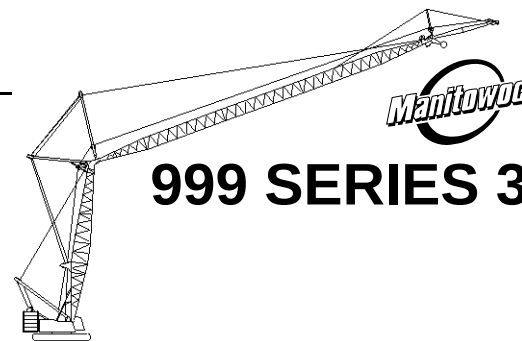
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	21,800*	145
150	57.3	399.4	13,500*	59.1	403.3	16,600*	61.8	408.1	21,000*	64.5	411.7	21,800*	150
155	55.8	396.0	12,900*	57.7	400.1	15,800*	60.5	405.2	20,200*	63.1	409.1	21,700*	155
160	54.4	392.3	12,300*	56.3	396.7	15,100*	59.1	402.1	19,400*	61.8	406.4	21,700*	160
165	52.9	388.5	11,700*	54.9	393.1	14,400*	57.7	398.9	18,700*	60.4	403.5	21,700*	165
170	51.4	384.4	11,100*	53.4	389.3	13,700*	56.3	395.5	17,900*	59.1	400.4	21,600*	170
175	49.8	380.2	10,500*	51.9	385.3	13,100*	54.8	391.9	17,200*	57.6	397.2	20,800*	175
180	48.2	375.6	10,100*	50.3	381.1	12,500*	53.3	388.2	16,400*	56.2	393.8	19,700*	180
185	46.6	370.8	9,600*	48.7	376.7	11,900*	51.8	384.2	15,700*	54.8	390.2	18,700*	185
190	44.9	365.8	9,100*	47.1	372.0	11,300*	50.3	380.0	15,000*	53.3	386.4	17,800*	190
195	43.2	360.4	8,700*	45.5	367.0	10,800*	48.7	375.5	14,300*	51.8	382.4	16,900*	195
200	41.4	354.7	8,300*	43.7	361.8	10,300*	47.1	370.8	13,700*	50.2	378.2	16,000*	200
205	39.5	348.6	7,900*	42.0	356.1	9,800*	45.4	365.8	13,000*	48.6	373.8	15,200*	205
210	37.6	342.0	7,500*	40.1	350.2	9,300*	43.7	360.6	12,400*	47.0	369.1	14,500*	210
215	35.5	335.0	7,200*	38.2	343.8	8,900*	41.9	354.9	11,900*	45.4	364.1	13,700*	215
220	33.4	327.4	6,900*	36.2	336.9	8,500*	40.1	349.0	11,300*	43.6	358.8	13,000*	220
225	31.1	319.1	6,600*	34.1	329.5	8,100*	38.2	342.6	10,800*	41.9	353.1	12,400*	225
230	28.6	310.0	6,400*	31.9	321.4	7,800*	36.2	335.7	10,300*	40.0	347.1	11,700*	230
235	26.0	299.8	6,100*	29.5	312.6	7,500*	34.0	328.3	9,800*	38.1	340.7	11,100*	235
240	23.0	288.2	5,900*	26.9	302.8	7,200*	31.8	320.2	9,400*	36.1	333.8	10,500*	240
245	19.5	274.6	5,800*	24.0	291.7	6,900*	29.4	311.3	9,000*	34.0	326.4	10,000*	245
250	15.3	257.5	5,700*	20.7	278.8	6,700*	26.8	301.5	8,600*	31.7	318.3	9,400*	250
255	9.2	232.1	5,700*	16.8	263.1	6,500*	23.9	290.4	8,300*	29.3	309.4	8,900*	255
260				11.6	241.6	6,500*	20.6	277.5	8,000*	26.7	299.5	8,400*	260
265							16.7	261.6	7,800*	23.8	288.4	7,900*	265
270							11.4	239.9	7,300*	20.5	275.4	7,400*	270
275										16.6	259.4	7,000*	275
280										11.2	237.3	6,500*	280



Liftcrane Fixed Jib Capacities

**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

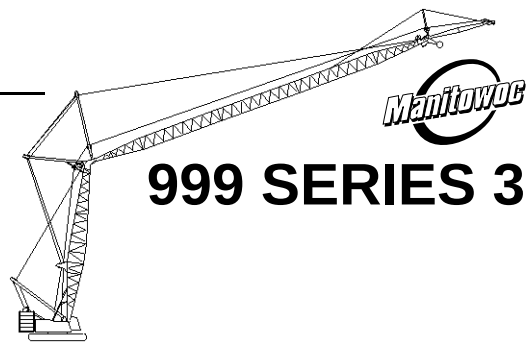
190 Ft. Boom, 200 Ft. Luffing Jib, 50 Ft. Fixed Jib

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	20,200*	145
150	58.7	411.3	13,100*	60.5	415.0	16,000*	63.1	419.4	20,100*	65.6	422.8	20,200*	150
155	57.4	408.1	12,500*	59.2	411.9	15,300*	61.8	416.7	19,400*	64.3	420.4	20,200*	155
160	56.0	404.7	11,900*	57.8	408.7	14,700*	60.5	413.8	18,700*	63.0	417.8	20,100*	160
165	54.6	401.1	11,400*	56.5	405.4	14,000*	59.1	410.8	18,000*	61.7	415.0	20,100*	165
170	53.2	397.3	10,800*	55.1	401.8	13,400*	57.8	407.6	17,400*	60.4	412.1	20,100*	170
175	51.7	393.3	10,300*	53.6	398.1	12,800*	56.4	404.2	16,700*	59.1	409.1	20,000*	175
180	50.3	389.1	9,800*	52.2	394.2	12,200*	55.0	400.7	16,000*	57.7	405.9	19,000*	180
185	48.7	384.6	9,400*	50.7	390.0	11,700*	53.6	396.9	15,400*	56.4	402.5	18,000*	185
190	47.2	379.9	8,900*	49.2	385.7	11,100*	52.2	393.0	14,700*	55.0	399.0	17,100*	190
195	45.6	375.0	8,500*	47.7	381.1	10,600*	50.7	388.9	14,100*	53.6	395.2	16,200*	195
200	43.9	369.7	8,100*	46.1	376.2	10,100*	49.2	384.5	13,500*	52.1	391.3	15,300*	200
205	42.2	364.2	7,800*	44.5	371.1	9,700*	47.7	379.9	12,900*	50.6	387.1	14,500*	205
210	40.5	358.3	7,400*	42.8	365.6	9,200*	46.1	375.0	12,300*	49.1	382.7	13,800*	210
215	38.7	352.0	7,100*	41.1	359.8	8,800*	44.4	369.9	11,800*	47.6	378.1	13,000*	215
220	36.8	345.3	6,800*	39.3	353.7	8,400*	42.8	364.4	11,200*	46.0	373.2	12,300*	220
225	34.8	338.1	6,500*	37.4	347.1	8,100*	41.0	358.6	10,700*	44.4	368.1	11,700*	225
230	32.7	330.2	6,200*	35.4	340.0	7,700*	39.2	352.5	10,300*	42.7	362.6	11,000*	230
235	30.4	321.7	6,000*	33.4	332.4	7,400*	37.4	345.9	9,800*	41.0	356.8	10,400*	235
240	28.0	312.4	5,800*	31.2	324.2	7,100*	35.4	338.8	9,400*	39.2	350.6	9,900*	240
245	25.4	302.0	5,600*	28.8	315.1	6,800*	33.3	331.2	9,000*	37.3	344.0	9,300*	245
250	22.5	290.1	5,400*	26.3	305.1	6,600*	31.1	322.9	8,600*	35.3	336.9	8,800*	250
255	19.1	276.2	5,300*	23.5	293.7	6,300*	28.8	313.8	8,200*	33.2	329.3	8,200*	255
260	15.0	258.7	4,900*	20.3	280.5	6,200*	26.2	303.7	7,700*	31.0	321.0	7,700*	260
265	9.0	232.7	4,400*	16.5	264.5	5,700*	23.4	292.4	7,200*	28.7	311.9	7,300*	265
270				11.3	242.4	5,300*	20.2	279.1	6,700*	26.1	301.8	6,800*	270
275							16.4	263.0	6,300*	23.3	290.3	6,300*	275
280							11.2	240.8	5,800*	20.1	277.0	5,900*	280
285										16.2	260.7	5,500*	285
290										11.0	238.2	5,000*	290

Liftcrane Fixed Jib Capacities

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

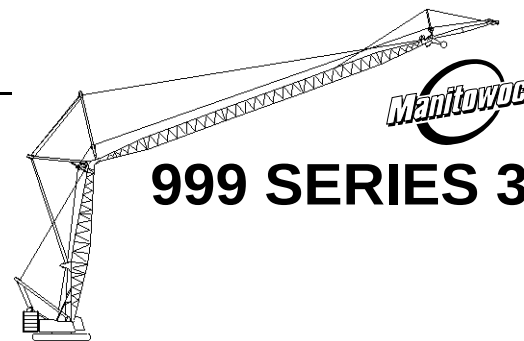
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	18,700*	150
155	58.8	420.0	12,200*	60.5	423.6	14,900*	63.0	428.1	18,500*	65.4	431.5	18,700*	155
160	57.5	416.8	11,600*	59.2	420.6	14,300*	61.7	425.4	17,900*	64.1	429.0	18,600*	160
165	56.2	413.4	11,100*	57.9	417.4	13,700*	60.4	422.5	17,300*	62.9	426.4	18,600*	165
170	54.8	409.8	10,600*	56.6	414.1	13,100*	59.2	419.5	16,700*	61.7	423.7	18,600*	170
175	53.5	406.0	10,100*	55.3	410.5	12,500*	57.9	416.3	16,100*	60.4	420.8	18,500*	175
180	52.1	402.1	9,600*	53.9	406.9	12,000*	56.6	412.9	15,500*	59.1	417.8	18,400*	180
185	50.7	397.9	9,200*	52.5	403.0	11,500*	55.2	409.4	14,900*	57.8	414.6	17,400*	185
190	49.2	393.6	8,800*	51.1	398.9	10,900*	53.9	405.7	14,300*	56.5	411.2	16,500*	190
195	47.7	389.0	8,400*	49.7	394.6	10,500*	52.5	401.8	13,800*	55.2	407.7	15,600*	195
200	46.2	384.1	8,000*	48.2	390.1	10,000*	51.1	397.7	13,200*	53.8	404.0	14,800*	200
205	44.6	379.0	7,600*	46.7	385.3	9,600*	49.6	393.4	12,700*	52.4	400.1	14,000*	205
210	43.0	373.6	7,300*	45.2	380.3	9,100*	48.2	388.9	12,100*	51.0	396.0	13,200*	210
215	41.4	367.9	7,000*	43.6	375.0	8,700*	46.7	384.1	11,600*	49.6	391.7	12,500*	215
220	39.7	361.8	6,700*	41.9	369.4	8,300*	45.1	379.1	11,100*	48.1	387.1	11,800*	220
225	37.9	355.4	6,400*	40.2	363.4	8,000*	43.5	373.8	10,600*	46.6	382.4	11,100*	225
230	36.0	348.5	6,100*	38.5	357.1	7,700*	41.9	368.2	10,200*	45.1	377.3	10,500*	230
235	34.1	341.0	5,900*	36.6	350.3	7,300*	40.2	362.2	9,800*	43.5	372.0	9,900*	235
240	32.0	333.0	5,600*	34.7	343.1	7,000*	38.4	355.9	9,300*	41.8	366.4	9,300*	240
245	29.8	324.3	5,400*	32.7	335.3	6,700*	36.6	349.1	8,700*	40.1	360.4	8,700*	245
250	27.5	314.8	5,200*	30.5	326.8	6,500*	34.7	341.8	8,200*	38.4	354.0	8,200*	250
255	24.9	304.1	4,900*	28.2	317.5	6,200*	32.6	334.0	7,700*	36.5	347.3	7,700*	255
260	22.0	292.0	4,400*	25.8	307.3	5,700*	30.5	325.5	7,200*	34.6	340.0	7,200*	260
265	18.7	277.7	4,000*	23.0	295.7	5,300*	28.2	316.3	6,700*	32.6	332.1	6,700*	265
270				19.9	282.2	4,800*	25.7	306.0	6,200*	30.4	323.6	6,300*	270
275				16.1	265.8	4,400*	22.9	294.3	5,800*	28.1	314.3	5,800*	275
280							19.8	280.8	5,300*	25.6	304.0	5,400*	280
285							16.0	264.3	4,900*	22.8	292.3	5,000*	285
290							11.0	241.6	4,500*	19.7	278.7	4,500*	290
295										15.9	262.0	4,100*	295



Liftcrane Fixed Jib Capacities

**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	21,200*	150
155	54.2	383.6	13,000*	56.2	388.0	15,900*	59.1	393.5	20,500*	62.0	397.7	21,100*	155
160	52.6	379.7	12,300*	54.7	384.4	15,200*	57.7	390.3	19,700*	60.5	394.9	21,000*	160
165	51.0	375.6	11,700*	53.1	380.6	14,400*	56.2	386.9	18,900*	59.1	391.8	21,000*	165
170	49.4	371.3	11,100*	51.6	376.5	13,700*	54.7	383.2	18,000*	57.6	388.6	20,700*	170
175	47.7	366.7	10,500*	49.9	372.3	13,000*	53.1	379.4	17,200*	56.1	385.1	20,100*	175
180	46.0	361.8	10,000*	48.3	367.8	12,300*	51.5	375.4	16,400*	54.6	381.5	19,300*	180
185	44.2	356.6	9,400*	46.6	363.0	11,700*	49.9	371.1	15,600*	53.1	377.7	18,600*	185
190	42.4	351.0	8,900*	44.8	357.9	11,100*	48.2	366.6	14,900*	51.5	373.6	17,900*	190
195	40.5	345.1	8,500*	43.0	352.4	10,600*	46.5	361.8	14,100*	49.8	369.4	17,200*	195
200	38.5	338.8	8,100*	41.1	346.6	10,000*	44.8	356.7	13,400*	48.2	364.8	16,600*	200
205	36.4	331.9	7,700*	39.2	340.4	9,500*	43.0	351.2	12,800*	46.5	360.0	16,000*	205
210	34.2	324.5	7,300*	37.1	333.8	9,000*	41.1	345.4	12,100*	44.7	354.9	15,400*	210
215	31.9	316.5	7,000*	34.9	326.6	8,600*	39.1	339.2	11,500*	42.9	349.4	14,800*	215
220	29.4	307.6	6,700*	32.7	318.7	8,200*	37.1	332.5	11,000*	41.0	343.6	14,100*	220
225	26.6	297.6	6,400*	30.2	310.1	7,800*	34.9	325.3	10,400*	39.0	337.4	13,400*	225
230	23.6	286.3	6,200*	27.5	300.6	7,400*	32.6	317.5	9,900*	37.0	330.7	12,800*	230
235	20.1	273.0	6,000*	24.6	289.8	7,100*	30.1	308.9	9,400*	34.8	323.5	12,200*	235
240	15.8	256.3	5,800*	21.3	277.2	6,900*	27.5	299.3	8,900*	32.5	315.6	11,600*	240
245	9.6	231.6	5,800*	17.3	261.8	6,600*	24.5	288.4	8,500*	30.1	306.9	11,000*	245
250				12.0	240.8	6,500*	21.2	275.8	8,200*	27.4	297.3	10,500*	250
255							17.2	260.4	7,900*	24.4	286.4	9,900*	255
260							11.8	239.2	7,600*	21.1	273.7	9,400*	260
265										17.0	258.2	8,900*	265
270										11.6	236.6	8,400*	270

Liftcrane Fixed Jib Capacities

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

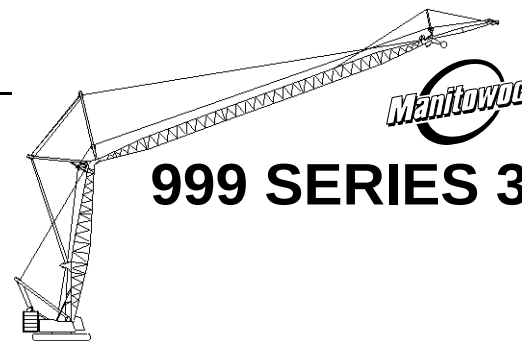
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	20,100*	150
155	55.9	396.0	12,700*	57.8	400.1	15,600*	60.6	405.2	19,800*	63.2	409.1	20,100*	155
160	54.4	392.4	12,100*	56.4	396.7	14,900*	59.2	402.2	19,100*	61.9	406.4	20,100*	160
165	53.0	388.5	11,500*	54.9	393.1	14,200*	57.8	398.9	18,400*	60.5	403.5	20,000*	165
170	51.4	384.5	10,900*	53.4	389.4	13,500*	56.3	395.6	17,600*	59.1	400.5	20,000*	170
175	49.9	380.2	10,400*	51.9	385.4	12,800*	54.9	392.0	16,900*	57.7	397.2	19,300*	175
180	48.3	375.7	9,800*	50.4	381.2	12,200*	53.4	388.2	16,100*	56.3	393.8	18,500*	180
185	46.7	370.9	9,400*	48.8	376.7	11,600*	51.9	384.2	15,400*	54.8	390.3	17,800*	185
190	45.0	365.8	8,900*	47.2	372.0	11,100*	50.4	380.0	14,700*	53.4	386.5	17,200*	190
195	43.2	360.4	8,500*	45.5	367.1	10,500*	48.8	375.6	14,000*	51.8	382.5	16,500*	195
200	41.5	354.7	8,000*	43.8	361.8	10,000*	47.2	370.9	13,400*	50.3	378.3	15,900*	200
205	39.6	348.6	7,600*	42.0	356.2	9,500*	45.5	365.9	12,700*	48.7	373.8	15,400*	205
210	37.6	342.1	7,300*	40.2	350.2	9,100*	43.8	360.6	12,100*	47.1	369.1	14,800*	210
215	35.6	335.0	6,900*	38.3	343.8	8,600*	42.0	355.0	11,600*	45.4	364.1	14,100*	215
220	33.5	327.4	6,600*	36.3	337.0	8,200*	40.2	349.0	11,000*	43.7	358.8	13,400*	220
225	31.2	319.2	6,300*	34.2	329.6	7,800*	38.2	342.6	10,500*	41.9	353.2	12,700*	225
230	28.7	310.0	6,100*	31.9	321.5	7,500*	36.2	335.7	10,000*	40.1	347.2	12,100*	230
235	26.0	299.9	5,800*	29.5	312.7	7,100*	34.1	328.3	9,500*	38.2	340.8	11,500*	235
240	23.1	288.3	5,600*	26.9	302.9	6,800*	31.9	320.2	9,000*	36.2	333.9	10,900*	240
245	19.6	274.7	5,500*	24.1	291.8	6,600*	29.5	311.4	8,600*	34.0	326.4	10,300*	245
250	15.4	257.6	5,400*	20.8	278.9	6,300*	26.9	301.6	8,200*	31.8	318.4	9,800*	250
255	9.3	232.3	5,400*	16.9	263.2	6,200*	24.0	290.5	7,900*	29.4	309.5	9,300*	255
260				11.7	241.7	6,000*	20.7	277.5	7,600*	26.8	299.6	8,800*	260
265							16.8	261.7	7,300*	23.9	288.4	8,300*	265
270							11.6	240.1	7,100*	20.6	275.5	7,800*	270
275										16.7	259.5	7,300*	275
280										11.3	237.5	6,900*	280



Liftcrane Fixed Jib Capacities

**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

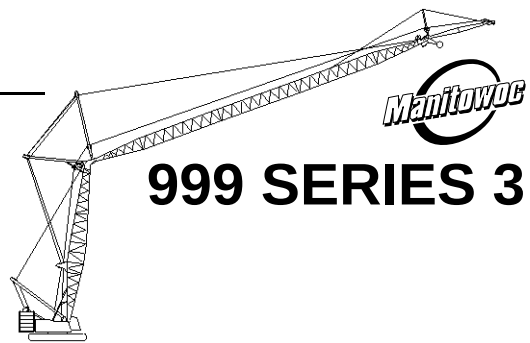
190 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

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	19,000*	150
155	57.5	408.1	12,400*	59.2	412.0	15,200*	61.8	416.8	19,100*	64.4	420.4	19,000*	155
160	56.1	404.7	11,800*	57.9	408.8	14,500*	60.5	413.9	18,500*	63.1	417.8	19,000*	160
165	54.7	401.1	11,300*	56.5	405.4	13,900*	59.2	410.8	17,900*	61.8	415.1	19,000*	165
170	53.3	397.3	10,700*	55.1	401.9	13,300*	57.9	407.6	17,200*	60.5	412.2	18,900*	170
175	51.8	393.3	10,200*	53.7	398.1	12,700*	56.5	404.3	16,500*	59.2	409.1	18,900*	175
180	50.3	389.1	9,700*	52.3	394.2	12,100*	55.1	400.7	15,900*	57.8	405.9	18,900*	180
185	48.8	384.7	9,300*	50.8	390.1	11,500*	53.7	397.0	15,200*	56.4	402.5	18,500*	185
190	47.3	380.0	8,800*	49.3	385.7	11,000*	52.2	393.0	14,600*	55.1	399.0	17,800*	190
195	45.7	375.0	8,400*	47.8	381.1	10,400*	50.8	388.9	13,900*	53.6	395.3	16,900*	195
200	44.0	369.8	8,000*	46.2	376.2	9,900*	49.3	384.5	13,300*	52.2	391.3	16,000*	200
205	42.3	364.2	7,600*	44.6	371.1	9,500*	47.7	379.9	12,700*	50.7	387.2	15,200*	205
210	40.6	358.3	7,200*	42.9	365.6	9,000*	46.1	375.1	12,100*	49.2	382.8	14,500*	210
215	38.7	352.1	6,900*	41.1	359.9	8,600*	44.5	369.9	11,600*	47.7	378.2	13,700*	215
220	36.8	345.3	6,600*	39.3	353.7	8,200*	42.8	364.5	11,000*	46.1	373.3	13,000*	220
225	34.9	338.1	6,300*	37.5	347.1	7,900*	41.1	358.7	10,500*	44.5	368.1	12,400*	225
230	32.7	330.3	6,000*	35.5	340.1	7,500*	39.3	352.5	10,100*	42.8	362.7	11,700*	230
235	30.5	321.8	5,800*	33.4	332.5	7,100*	37.4	345.9	9,600*	41.0	356.9	11,100*	235
240	28.1	312.5	5,500*	31.3	324.2	6,800*	35.5	338.8	9,200*	39.2	350.7	10,500*	240
245	25.5	302.0	5,400*	28.9	315.2	6,500*	33.4	331.2	8,700*	37.4	344.1	10,000*	245
250	22.6	290.2	5,200*	26.4	305.1	6,300*	31.2	323.0	8,300*	35.4	337.0	9,400*	250
255	19.2	276.3	5,000*	23.6	293.8	6,100*	28.9	313.9	8,000*	33.3	329.4	8,900*	255
260	15.1	258.8	5,000*	20.4	280.6	5,900*	26.3	303.8	7,600*	31.1	321.1	8,400*	260
265		233.0	5,000*	16.5	264.6	5,700*	23.5	292.5	7,300*	28.8	312.0	7,900*	265
270				11.4	242.6	5,600*	20.3	279.2	7,100*	26.2	301.9	7,500*	270
275							16.5	263.1	6,900*	23.4	290.4	7,000*	275
280							11.3	240.9	6,500*	20.2	277.1	6,600*	280
285										16.3	260.9	6,100*	285
290										11.1	238.3	5,700*	290

Liftcrane Fixed Jib Capacities

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

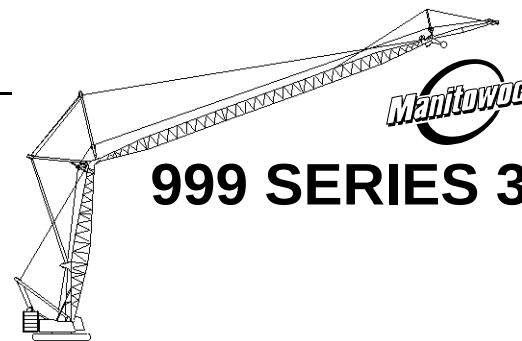
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	17,800*	155
160	57.6	416.8	11,500*	59.3	420.6	14,100*	61.8	425.4	17,800*	64.2	429.1	17,800*	160
165	56.2	413.4	11,000*	58.0	417.4	13,500*	60.5	422.5	17,200*	63.0	426.5	17,800*	165
170	54.9	409.8	10,500*	56.7	414.1	12,900*	59.2	419.5	16,600*	61.7	423.7	17,800*	170
175	53.5	406.1	10,000*	55.3	410.6	12,400*	57.9	416.3	16,000*	60.5	420.8	17,800*	175
180	52.1	402.1	9,500*	54.0	406.9	11,800*	56.6	413.0	15,400*	59.2	417.8	17,700*	180
185	50.7	398.0	9,100*	52.6	403.0	11,300*	55.3	409.4	14,800*	57.9	414.6	17,700*	185
190	49.3	393.6	8,600*	51.2	398.9	10,800*	53.9	405.7	14,200*	56.6	411.2	17,100*	190
195	47.8	389.0	8,200*	49.7	394.6	10,300*	52.6	401.8	13,600*	55.2	407.7	16,200*	195
200	46.3	384.2	7,800*	48.3	390.1	9,800*	51.1	397.8	13,100*	53.9	404.0	15,300*	200
205	44.7	379.1	7,500*	46.8	385.4	9,400*	49.7	393.5	12,500*	52.5	400.1	14,500*	205
210	43.1	373.7	7,100*	45.2	380.3	8,900*	48.2	388.9	12,000*	51.1	396.0	13,800*	210
215	41.4	368.0	6,800*	43.6	375.0	8,500*	46.7	384.2	11,400*	49.7	391.7	13,000*	215
220	39.7	361.9	6,500*	42.0	369.4	8,100*	45.2	379.1	10,900*	48.2	387.2	12,300*	220
225	38.0	355.4	6,200*	40.3	363.5	7,800*	43.6	373.8	10,400*	46.7	382.4	11,700*	225
230	36.1	348.5	5,900*	38.5	357.1	7,400*	42.0	368.2	10,000*	45.1	377.4	11,100*	230
235	34.1	341.1	5,700*	36.7	350.4	7,100*	40.3	362.3	9,500*	43.5	372.1	10,400*	235
240	32.1	333.1	5,400*	34.8	343.1	6,800*	38.5	355.9	9,100*	41.9	366.4	9,900*	240
245	29.9	324.4	5,200*	32.8	335.3	6,500*	36.7	349.2	8,700*	40.2	360.4	9,300*	245
250	27.5	314.8	5,000*	30.6	326.9	6,200*	34.7	341.9	8,400*	38.4	354.1	8,800*	250
255	25.0	304.2	4,900*	28.3	317.6	6,000*	32.7	334.1	8,000*	36.6	347.3	8,300*	255
260	22.1	292.1	4,700*	25.8	307.3	5,800*	30.6	325.6	7,600*	34.7	340.0	7,800*	260
265	18.8	277.8	4,600*	23.1	295.7	5,600*	28.3	316.3	7,300*	32.6	332.2	7,300*	265
270	14.8	260.0	4,100*	19.9	282.3	5,400*	25.8	306.0	6,800*	30.5	323.7	6,800*	270
275				16.2	265.9	5,000*	23.0	294.4	6,300*	28.2	314.4	6,400*	275
280				11.2	243.5	4,500*	19.9	280.9	5,900*	25.7	304.0	5,900*	280
285							16.1	264.4	5,500*	22.9	292.4	5,500*	285
290							11.1	241.8	5,000*	19.7	278.8	5,100*	290
295										16.0	262.2	4,700*	295
300										10.8	239.2	4,300*	300



Liftcrane Fixed Jib Capacities

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

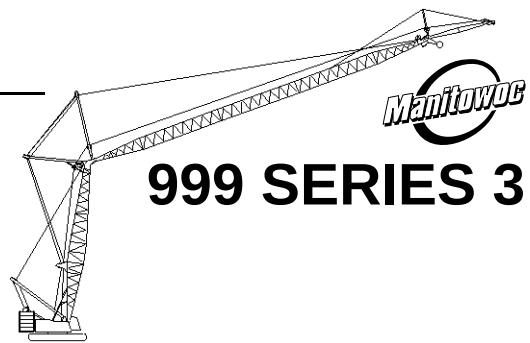
190 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

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	14,900*	180
185	52.4	410.9	8,900*	54.2	415.6	11,100*	56.8	421.6	14,300*	185
190	51.1	406.8	8,500*	52.9	411.8	10,600*	55.5	418.2	13,800*	190
195	49.7	402.5	8,100*	51.5	407.8	10,100*	54.2	414.5	13,300*	195
200	48.3	398.0	7,700*	50.2	403.5	9,700*	52.8	410.6	12,800*	200
205	46.8	393.3	7,300*	48.7	399.1	9,200*	51.5	406.6	12,200*	205
210	45.3	388.3	7,000*	47.3	394.4	8,800*	50.1	402.4	11,700*	210
215	43.8	383.0	6,700*	45.8	389.5	8,400*	48.7	397.9	11,300*	215
220	42.3	377.5	6,400*	44.3	384.3	8,100*	47.3	393.2	10,800*	220
225	40.6	371.6	6,100*	42.8	378.9	7,700*	45.8	388.3	10,300*	225
230	38.9	365.3	5,900*	41.2	373.1	7,400*	44.3	383.1	9,900*	230
235	37.2	358.7	5,600*	39.5	367.0	7,000*	42.7	377.7	9,500*	235
240	35.4	351.6	5,300*	37.8	360.5	6,800*	41.1	371.9	9,100*	240
245	33.5	344.0	5,100*	36.0	353.5	6,500*	39.5	365.8	8,700*	245
250	31.5	335.8	4,900*	34.1	346.1	6,200*	37.7	359.3	8,200*	250
255	29.3	326.9	4,400*	32.1	338.1	5,900*	35.9	352.3	7,700*	255
260	27.0	317.1	4,100*	30.0	329.5	5,700*	34.1	344.9	7,200*	260
265	24.5	306.3	4,100*	27.8	320.0	5,300*	32.1	336.9	6,700*	265
270				25.3	309.5	4,900*	30.0	328.2	6,300*	270
275				22.6	297.7	4,500*	27.7	318.7	5,800*	275
280				19.5	283.9	4,100*	25.3	308.2	5,400*	280
285							22.6	296.3	5,000*	285
290							19.5	282.5	4,600*	290
295							15.8	265.7	4,200*	295

Liftcrane Fixed Jib Capacities

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

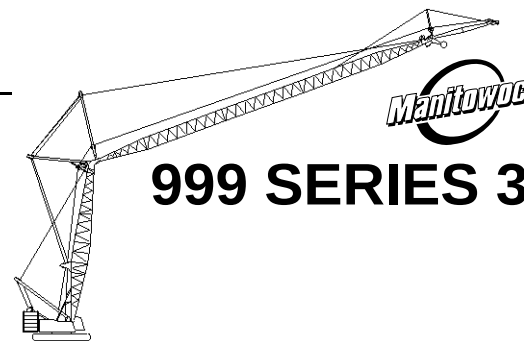
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	16,400*	170
175	49.8	380.3	10,200*	51.8	385.5	12,700*	54.8	392.1	16,100*	57.6	397.3	16,200*	175
180	48.2	375.8	9,700*	50.3	381.3	12,100*	53.3	388.3	15,900*	56.2	393.9	16,100*	180
185	46.6	371.0	9,200*	48.7	376.8	11,500*	51.8	384.3	15,200*	54.7	390.3	16,000*	185
190	44.9	365.9	8,700*	47.1	372.1	10,900*	50.3	380.1	14,500*	53.3	386.6	15,800*	190
195	43.1	360.6	8,300*	45.4	367.2	10,400*	48.7	375.7	13,800*	51.7	382.6	15,800*	195
200	41.4	354.8	7,900*	43.7	361.9	9,800*	47.1	371.0	13,200*	50.2	378.4	15,500*	200
205	39.5	348.7	7,500*	41.9	356.3	9,300*	45.4	366.0	12,600*	48.6	373.9	14,900*	205
210	37.6	342.2	7,100*	40.1	350.3	8,900*	43.7	360.7	11,900*	47.0	369.2	14,300*	210
215	35.5	335.2	6,800*	38.2	343.9	8,400*	41.9	355.1	11,400*	45.3	364.2	13,800*	215
220	33.4	327.6	6,400*	36.2	337.1	8,000*	40.1	349.1	10,800*	43.6	358.9	13,300*	220
225	31.1	319.3	6,100*	34.1	329.7	7,600*	38.1	342.7	10,300*	41.8	353.3	12,800*	225
230	28.6	310.2	5,900*	31.8	321.6	7,200*	36.1	335.9	9,700*	40.0	347.3	12,400*	230
235	26.0	300.0	5,600*	29.4	312.8	6,900*	34.0	328.4	9,200*	38.1	340.9	12,000*	235
240	23.0	288.5	5,400*	26.9	303.0	6,600*	31.8	320.4	8,800*	36.1	334.0	11,600*	240
245	19.6	274.9	5,200*	24.0	292.0	6,300*	29.4	311.5	8,300*	34.0	326.6	11,200*	245
250	15.4	257.9	5,100*	20.7	279.1	6,100*	26.8	301.7	7,900*	31.7	318.5	10,700*	250
255	9.3	232.8	5,100*	16.9	263.5	5,900*	23.9	290.6	7,600*	29.3	309.6	10,100*	255
260				11.7	242.1	5,700*	20.7	277.8	7,300*	26.7	299.8	9,600*	260
265							16.8	262.0	7,000*	23.8	288.6	9,200*	265
270							11.5	240.4	6,700*	20.5	275.7	8,700*	270
275										16.6	259.8	8,200*	275
280										11.3	237.9	7,800*	280



Liftcrane Fixed Jib Capacities

**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

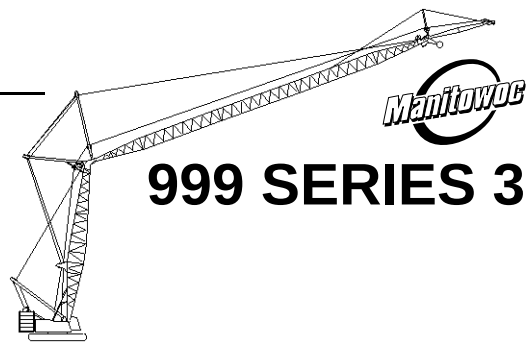
190 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

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	16,100*	165
170	53.2	397.4	10,600*	55.0	401.9	13,100*	57.8	407.7	15,900*	60.4	412.3	16,000*	170
175	51.7	393.4	10,100*	53.6	398.2	12,500*	56.4	404.3	15,800*	59.1	409.2	15,900*	175
180	50.2	389.2	9,600*	52.2	394.3	11,900*	55.0	400.8	15,600*	57.7	406.0	15,900*	180
185	48.7	384.8	9,100*	50.7	390.2	11,400*	53.6	397.1	15,000*	56.3	402.6	15,700*	185
190	47.2	380.1	8,700*	49.2	385.8	10,800*	52.1	393.1	14,300*	55.0	399.1	15,700*	190
195	45.6	375.1	8,300*	47.7	381.2	10,300*	50.7	389.0	13,700*	53.5	395.3	15,400*	195
200	43.9	369.9	7,800*	46.1	376.3	9,800*	49.2	384.6	13,100*	52.1	391.4	14,900*	200
205	42.2	364.3	7,400*	44.5	371.2	9,300*	47.6	380.0	12,500*	50.6	387.3	14,300*	205
210	40.5	358.5	7,100*	42.8	365.8	8,900*	46.0	375.2	11,900*	49.1	382.9	13,800*	210
215	38.7	352.2	6,700*	41.0	360.0	8,400*	44.4	370.0	11,400*	47.6	378.3	13,300*	215
220	36.8	345.5	6,400*	39.3	353.8	8,000*	42.7	364.6	10,800*	46.0	373.4	12,800*	220
225	34.8	338.2	6,100*	37.4	347.3	7,600*	41.0	358.8	10,300*	44.4	368.2	12,400*	225
230	32.7	330.4	5,800*	35.4	340.2	7,300*	39.2	352.6	9,800*	42.7	362.8	12,000*	230
235	30.4	321.9	5,600*	33.4	332.6	6,900*	37.3	346.0	9,400*	40.9	357.0	11,500*	235
240	28.0	312.6	5,400*	31.2	324.4	6,600*	35.4	339.0	8,900*	39.1	350.8	11,100*	240
245	25.4	302.2	5,200*	28.8	315.3	6,300*	33.3	331.4	8,500*	37.3	344.2	10,500*	245
250	22.5	290.4	5,000*	26.3	305.3	6,100*	31.1	323.1	8,100*	35.3	337.1	10,000*	250
255	19.1	276.5	4,800*	23.5	294.0	5,800*	28.8	314.0	7,700*	33.2	329.5	9,500*	255
260	15.0	259.1	4,700*	20.3	280.8	5,600*	26.2	304.0	7,300*	31.0	321.2	9,000*	260
265	9.1	233.5	4,700*	16.5	264.8	5,400*	23.4	292.6	7,000*	28.7	312.1	8,500*	265
270				11.4	243.0	5,300*	20.2	279.5	6,700*	26.1	302.0	8,000*	270
275							16.4	263.4	6,500*	23.3	290.6	7,600*	275
280							11.3	241.3	6,300*	20.1	277.4	7,100*	280
285										16.2	261.1	6,700*	285
290										11.0	238.7	6,300*	290

Liftcrane Fixed Jib Capacities

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

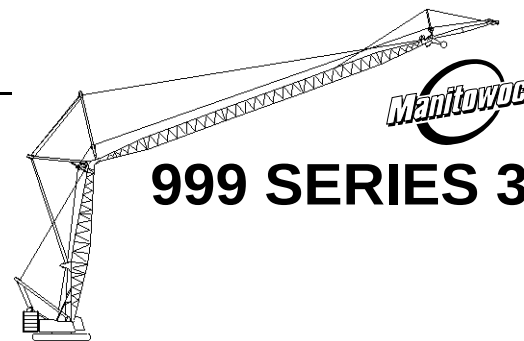
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	15,700*	165
170	54.8	409.9	10,400*	56.6	414.2	12,800*	59.1	419.6	15,500*	61.6	423.8	15,700*	170
175	53.4	406.2	9,900*	55.2	410.7	12,300*	57.8	416.4	15,400*	60.4	420.9	15,400*	175
180	52.0	402.2	9,500*	53.9	407.0	11,700*	56.5	413.0	15,300*	59.1	417.9	15,400*	180
185	50.6	398.1	9,000*	52.5	403.1	11,200*	55.2	409.5	14,700*	57.8	414.7	15,300*	185
190	49.2	393.7	8,600*	51.1	399.0	10,700*	53.8	405.8	14,100*	56.5	411.3	15,200*	190
195	47.7	389.1	8,200*	49.7	394.7	10,200*	52.5	401.9	13,500*	55.2	407.8	15,100*	195
200	46.2	384.3	7,800*	48.2	390.2	9,700*	51.1	397.9	13,000*	53.8	404.1	15,000*	200
205	44.6	379.2	7,400*	46.7	385.5	9,300*	49.6	393.6	12,400*	52.4	400.2	14,900*	205
210	43.0	373.8	7,100*	45.1	380.4	8,800*	48.1	389.0	11,900*	51.0	396.1	14,500*	210
215	41.4	368.1	6,700*	43.5	375.1	8,400*	46.6	384.3	11,300*	49.6	391.8	13,900*	215
220	39.6	362.0	6,400*	41.9	369.5	8,000*	45.1	379.2	10,800*	48.1	387.3	13,200*	220
225	37.9	355.5	6,100*	40.2	363.6	7,700*	43.5	373.9	10,300*	46.6	382.5	12,500*	225
230	36.0	348.6	5,800*	38.4	357.2	7,300*	41.9	368.3	9,900*	45.0	377.5	11,900*	230
235	34.1	341.2	5,600*	36.6	350.5	7,000*	40.2	362.4	9,400*	43.4	372.2	11,300*	235
240	32.0	333.2	5,300*	34.7	343.3	6,600*	38.4	356.0	9,000*	41.8	366.5	10,700*	240
245	29.8	324.5	5,100*	32.7	335.5	6,300*	36.6	349.3	8,600*	40.1	360.6	10,100*	245
250	27.5	315.0	4,900*	30.5	327.0	6,100*	34.7	342.0	8,200*	38.3	354.2	9,600*	250
255	24.9	304.3	4,700*	28.2	317.8	5,800*	32.6	334.2	7,800*	36.5	347.4	9,100*	255
260	22.0	292.3	4,600*	25.8	307.5	5,600*	30.5	325.7	7,500*	34.6	340.2	8,600*	260
265	18.8	278.1	4,400*	23.0	295.9	5,400*	28.2	316.5	7,100*	32.6	332.3	8,100*	265
270	14.7	260.3	4,400*	19.9	282.5	5,200*	25.7	306.2	6,800*	30.4	323.8	7,700*	270
275	8.9	234.2	4,400*	16.2	266.2	5,100*	22.9	294.6	6,600*	28.1	314.5	7,200*	275
280				11.2	243.9	5,000*	19.8	281.1	6,300*	25.6	304.2	6,800*	280
285							16.1	264.7	6,100*	22.8	292.6	6,400*	285
290							11.0	242.2	5,900*	19.7	279.0	6,000*	290
295										15.9	262.4	5,600*	295
300										10.8	239.6	5,200*	300



Liftcrane Fixed Jib Capacities

**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	15,100*	165
170	56.3	422.2	10,100*	58.0	426.2	12,500*	60.4	431.3	15,000*	62.8	435.2	15,100*	170
175	55.0	418.6	9,700*	56.7	422.9	12,000*	59.2	428.2	14,900*	61.6	432.5	15,000*	175
180	53.7	414.9	9,200*	55.4	419.4	11,500*	57.9	425.1	14,800*	60.4	429.6	15,000*	180
185	52.4	411.0	8,800*	54.1	415.7	11,000*	56.7	421.7	14,200*	59.1	426.5	14,900*	185
190	51.0	406.9	8,400*	52.8	411.9	10,500*	55.4	418.2	13,700*	57.9	423.4	14,900*	190
195	49.6	402.6	8,000*	51.4	407.9	10,000*	54.1	414.6	13,200*	56.6	420.0	14,600*	195
200	48.2	398.1	7,600*	50.1	403.6	9,600*	52.8	410.7	12,700*	55.3	416.5	14,600*	200
205	46.7	393.4	7,300*	48.7	399.2	9,100*	51.4	406.7	12,200*	54.0	412.9	14,500*	205
210	45.3	388.4	6,900*	47.2	394.5	8,700*	50.0	402.5	11,700*	52.7	409.0	13,900*	210
215	43.7	383.1	6,600*	45.7	389.6	8,300*	48.6	398.0	11,200*	51.4	405.0	13,200*	215
220	42.2	377.6	6,300*	44.2	384.4	7,900*	47.2	393.3	10,700*	50.0	400.7	12,500*	220
225	40.5	371.7	6,000*	42.7	379.0	7,600*	45.7	388.4	10,200*	48.6	396.3	11,800*	225
230	38.9	365.5	5,700*	41.1	373.2	7,200*	44.2	383.3	9,800*	47.1	391.6	11,200*	230
235	37.1	358.8	5,500*	39.4	367.1	6,900*	42.6	377.8	9,400*	45.7	386.7	10,600*	235
240	35.3	351.8	5,200*	37.7	360.6	6,600*	41.0	372.0	8,900*	44.1	381.5	10,000*	240
245	33.4	344.2	5,000*	35.9	353.7	6,300*	39.4	365.9	8,700*	42.6	376.0	9,500*	245
250	31.4	336.0	4,800*	34.0	346.3	6,000*	37.7	359.4	8,200*	41.0	370.2	8,900*	250
255	29.2	327.1	4,200*	32.0	338.3	5,800*	35.9	352.4	7,800*	39.3	364.1	8,400*	255
260	26.9	317.3	4,000*	29.9	329.6	5,500*	34.0	345.0	7,500*	37.6	357.6	7,900*	260
265				27.7	320.2	5,300*	32.0	337.0	7,100*	35.8	350.6	7,500*	265
270				25.3	309.7	5,100*	29.9	328.4	6,800*	33.9	343.2	7,000*	270
275				22.6	297.9	4,900*	27.6	318.9	6,600*	31.9	335.1	6,600*	275
280				19.5	284.2	4,800*	25.2	308.4	6,100*	29.8	326.4	6,100*	280
285				15.8	267.5	4,400*	22.5	296.5	5,700*	27.6	316.9	5,700*	285
290				10.9	244.8	4,000*	19.4	282.8	5,300*	25.1	306.4	5,300*	290
295							15.7	266.0	4,900*	22.4	294.5	4,900*	295
300							10.8	243.1	4,500*	19.3	280.6	4,600*	300
305										15.6	263.7	4,200*	305

Liftcrane Fixed Jib Capacities

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

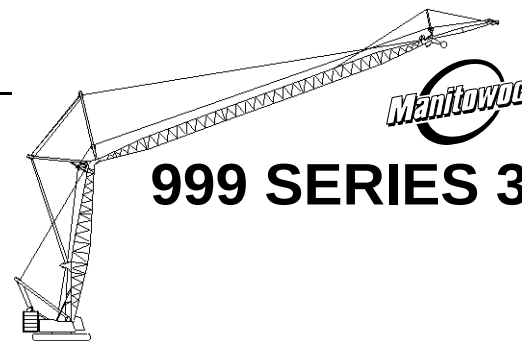
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	13,800*	185
190	52.6	419.8	8,200*	54.3	424.5	10,300*	56.8	430.4	13,300*	190
195	51.3	415.8	7,900*	53.1	420.7	9,800*	55.6	427.0	12,800*	195
200	50.0	411.6	7,500*	51.8	416.7	9,400*	54.3	423.3	12,300*	200
205	48.7	407.1	7,100*	50.4	412.5	9,000*	53.0	419.5	11,900*	205
210	47.3	402.5	6,800*	49.1	408.1	8,600*	51.7	415.5	11,400*	210
215	45.9	397.6	6,500*	47.7	403.6	8,200*	50.4	411.4	11,000*	215
220	44.4	392.4	6,200*	46.3	398.7	7,900*	49.1	407.0	10,500*	220
225	42.9	387.0	5,900*	44.9	393.7	7,500*	47.7	402.4	10,100*	225
230	41.4	381.3	5,700*	43.4	388.4	7,200*	46.3	397.6	9,700*	230
235	39.8	375.3	5,400*	41.9	382.7	6,900*	44.8	392.5	9,300*	235
240	38.1	368.9	4,800*	40.3	376.8	6,600*	43.4	387.2	8,900*	240
245	36.4	362.1	4,500*	38.7	370.5	6,300*	41.8	381.6	8,500*	245
250	34.6	354.8	4,200*	37.0	363.9	6,000*	40.3	375.6	8,100*	250
255				35.2	356.8	5,800*	38.6	369.3	7,800*	255
260				33.4	349.2	5,500*	36.9	362.7	7,400*	260
265				31.4	341.0	5,300*	35.2	355.6	6,900*	265
270				29.4	332.2	5,100*	33.3	347.9	6,500*	270
275				27.2	322.5	4,700*	31.4	339.8	6,000*	275
280				24.8	311.8	4,300*	29.3	330.9	5,600*	280
285							27.1	321.2	5,200*	285
290							24.7	310.5	4,800*	290
295							22.1	298.4	4,400*	295
300							19.1	284.4	4,000*	300



Liftcrane Fixed Jib Capacities

**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	12,100*	195
200	43.7	370.0	7,700*	45.8	376.4	9,600*	48.9	384.7	11,800*	51.8	391.5	12,000*	200
205	42.0	364.5	7,300*	44.2	371.3	9,100*	47.4	380.1	11,600*	50.4	387.4	11,800*	205
210	40.2	358.6	6,900*	42.5	365.9	8,700*	45.8	375.3	11,400*	48.9	383.0	11,700*	210
215	38.4	352.3	6,600*	40.8	360.1	8,200*	44.2	370.1	11,100*	47.3	378.4	11,600*	215
220	36.5	345.6	6,200*	39.0	354.0	7,800*	42.5	364.7	10,600*	45.7	373.5	11,400*	220
225	34.5	338.4	5,900*	37.1	347.4	7,400*	40.8	358.9	10,100*	44.1	368.3	11,200*	225
230	32.4	330.6	5,600*	35.2	340.3	7,000*	39.0	352.7	9,600*	42.4	362.9	11,100*	230
235	30.2	322.1	5,400*	33.1	332.8	6,700*	37.1	346.2	9,100*	40.7	357.1	11,000*	235
240	27.8	312.8	5,100*	30.9	324.5	6,400*	35.1	339.1	8,600*	38.9	350.9	10,800*	240
245	25.2	302.4	4,900*	28.6	315.5	6,100*	33.1	331.5	8,200*	37.0	344.3	10,400*	245
250	22.3	290.6	4,700*	26.1	305.5	5,800*	30.9	323.2	7,800*	35.1	337.3	10,000*	250
255	18.9	276.7	4,600*	23.3	294.2	5,500*	28.5	314.2	7,400*	33.0	329.6	9,600*	255
260	14.9	259.4	4,500*	20.1	281.1	5,300*	26.0	304.2	7,000*	30.8	321.4	9,300*	260
265	9.0	234.0	4,400*	16.3	265.1	5,100*	23.2	292.8	6,700*	28.5	312.3	9,000*	265
270				11.2	243.4	5,000*	20.0	279.7	6,400*	25.9	302.2	8,600*	270
275							16.2	263.7	6,200*	23.1	290.8	8,200*	275
280							11.1	241.8	6,000*	19.9	277.6	7,800*	280
285										16.0	261.4	7,400*	285
290										10.9	239.2	6,900*	290

Liftcrane Fixed Jib Capacities

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

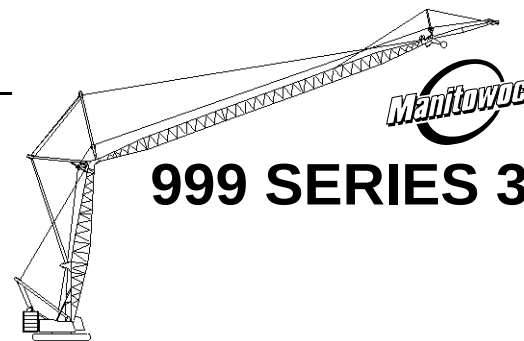
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	12,100*	190
195	47.5	389.2	8,000*	49.4	394.8	10,000*	52.2	402.0	11,800*	54.9	407.9	12,000*	195
200	45.9	384.4	7,600*	47.9	390.3	9,500*	50.8	398.0	11,700*	53.6	404.2	11,800*	200
205	44.4	379.3	7,200*	46.4	385.6	9,100*	49.4	393.7	11,600*	52.2	400.3	11,800*	205
210	42.8	373.9	6,900*	44.9	380.5	8,600*	47.9	389.1	11,400*	50.8	396.2	11,600*	210
215	41.1	368.2	6,500*	43.3	375.2	8,200*	46.4	384.4	11,100*	49.3	391.9	11,400*	215
220	39.4	362.1	6,200*	41.7	369.6	7,800*	44.9	379.4	10,600*	47.9	387.4	11,300*	220
225	37.6	355.7	5,900*	40.0	363.7	7,500*	43.3	374.1	10,100*	46.3	382.6	11,200*	225
230	35.8	348.8	5,600*	38.2	357.4	7,100*	41.6	368.4	9,600*	44.8	377.6	11,100*	230
235	33.8	341.4	5,400*	36.4	350.6	6,700*	39.9	362.5	9,200*	43.2	372.3	10,800*	235
240	31.8	333.4	5,100*	34.5	343.4	6,400*	38.2	356.2	8,700*	41.6	366.7	10,400*	240
245	29.6	324.7	4,900*	32.4	335.6	6,100*	36.3	349.4	8,300*	39.9	360.7	10,000*	245
250	27.2	315.2	4,700*	30.3	327.2	5,800*	34.4	342.2	7,900*	38.1	354.3	9,600*	250
255	24.7	304.5	4,500*	28.0	317.9	5,600*	32.4	334.4	7,500*	36.3	347.6	9,300*	255
260	21.8	292.5	4,300*	25.5	307.7	5,300*	30.3	325.9	7,200*	34.4	340.3	8,900*	260
265	18.6	278.3	4,200*	22.8	296.1	5,100*	28.0	316.6	6,800*	32.3	332.5	8,500*	265
270	14.5	260.6	4,100*	19.7	282.8	4,900*	25.5	306.4	6,500*	30.2	324.0	8,000*	270
275	8.8	234.7	4,100*	16.0	266.5	4,800*	22.7	294.8	6,200*	27.9	314.7	7,600*	275
280				11.0	244.3	4,700*	19.6	281.4	6,000*	25.4	304.4	7,100*	280
285							15.9	265.0	5,800*	22.6	292.8	6,700*	285
290							10.9	242.7	5,600*	19.5	279.3	6,300*	290
295										15.7	262.7	5,900*	295
300										10.7	240.1	5,500*	300



Liftcrane Fixed Jib Capacities

**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

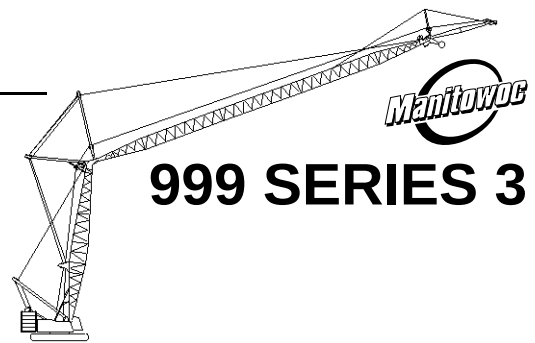
190 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

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	12,100*	185
190	50.8	407.0	8,300*	52.6	412.0	10,300*	55.1	418.3	11,800*	57.6	423.5	12,100*	190
195	49.4	402.8	7,900*	51.2	408.0	9,900*	53.8	414.7	11,700*	56.4	420.1	11,800*	195
200	48.0	398.2	7,500*	49.8	403.7	9,400*	52.5	410.8	11,600*	55.1	416.6	11,700*	200
205	46.5	393.5	7,200*	48.4	399.3	9,000*	51.2	406.8	11,500*	53.8	413.0	11,600*	205
210	45.0	388.5	6,800*	47.0	394.6	8,600*	49.8	402.6	11,300*	52.5	409.1	11,500*	210
215	43.5	383.2	6,500*	45.5	389.7	8,200*	48.4	398.1	11,000*	51.1	405.1	11,400*	215
220	41.9	377.7	6,200*	44.0	384.6	7,800*	47.0	393.5	10,500*	49.7	400.8	11,200*	220
225	40.3	371.8	5,900*	42.5	379.1	7,500*	45.5	388.5	10,100*	48.3	396.4	11,100*	225
230	38.6	365.6	5,600*	40.8	373.3	7,100*	44.0	383.4	9,600*	46.9	391.7	11,000*	230
235	36.9	359.0	5,300*	39.2	367.2	6,800*	42.4	377.9	9,200*	45.4	386.8	10,900*	235
240	35.1	351.9	5,100*	37.5	360.7	6,500*	40.8	372.1	8,800*	43.9	381.6	10,600*	240
245	33.2	344.3	4,900*	35.7	353.8	6,100*	39.2	366.0	8,400*	42.4	376.1	10,100*	245
250	31.2	336.1	4,400*	33.8	346.4	5,900*	37.4	359.5	8,000*	40.8	370.3	9,500*	250
255	29.0	327.2	4,100*	31.8	338.4	5,600*	35.6	352.6	7,600*	39.1	364.2	9,000*	255
260				29.7	329.8	5,400*	33.8	345.2	7,300*	37.4	357.7	8,500*	260
265				27.5	320.3	5,100*	31.8	337.2	6,900*	35.6	350.7	8,100*	265
270				25.0	309.9	4,900*	29.7	328.5	6,600*	33.7	343.3	7,600*	270
275				22.3	298.1	4,700*	27.4	319.0	6,300*	31.7	335.3	7,200*	275
280				19.3	284.4	4,600*	25.0	308.6	6,100*	29.6	326.6	6,800*	280
285				15.6	267.8	4,500*	22.3	296.7	5,800*	27.3	317.1	6,300*	285
290				10.8	245.2	4,400*	19.2	283.0	5,600*	24.9	306.6	5,900*	290
295							15.6	266.3	5,400*	22.2	294.7	5,600*	295
300							10.7	243.5	5,100*	19.1	280.9	5,200*	300
305										15.4	264.0	4,800*	305
310										10.4	240.9	4,400*	310

Liftcrane Fixed Jib Capacities

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

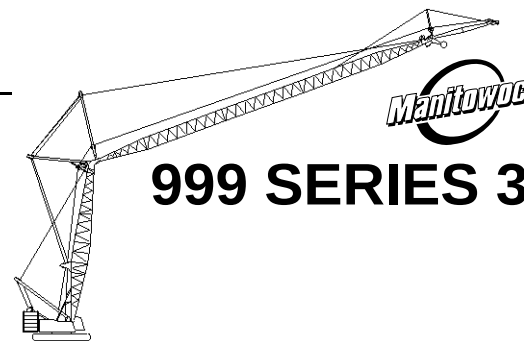
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	11,300*	205
210	47.0	402.6	6,700*	48.9	408.3	8,500*	51.5	415.6	11,200*	210
215	45.6	397.7	6,400*	47.5	403.7	8,100*	50.2	411.5	10,800*	215
220	44.2	392.5	6,100*	46.1	398.9	7,700*	48.8	407.1	10,400*	220
225	42.7	387.1	5,800*	44.6	393.8	7,400*	47.5	402.5	9,900*	225
230	41.1	381.4	5,500*	43.2	388.5	7,000*	46.1	397.7	9,500*	230
235	39.6	375.4	5,300*	41.6	382.9	6,700*	44.6	392.6	9,100*	235
240	37.9	369.0	5,000*	40.1	376.9	6,400*	43.1	387.3	8,700*	240
245	36.2	362.2	4,400*	38.5	370.7	6,100*	41.6	381.7	8,300*	245
250	34.4	355.0	4,100*	36.8	364.0	5,900*	40.0	375.7	8,000*	250
255				35.0	356.9	5,600*	38.4	369.5	7,600*	255
260				33.2	349.3	5,300*	36.7	362.8	7,300*	260
265				31.2	341.2	5,100*	35.0	355.7	7,000*	265
270				29.2	332.3	4,600*	33.1	348.1	6,700*	270
275				27.0	322.7	4,300*	31.2	339.9	6,400*	275
280				24.6	312.0	4,100*	29.1	331.1	6,100*	280
285							26.9	321.4	5,700*	285
290							24.5	310.7	5,300*	290
295							21.9	298.6	4,900*	295
300							18.9	284.6	4,600*	300
305							15.3	267.6	4,200*	305



Liftcrane Fixed Jib Capacities

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

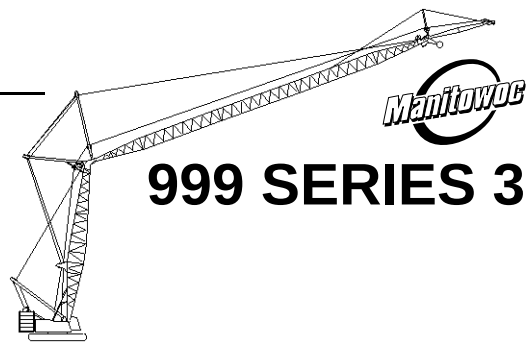
190 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

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	11,200*	205
210	48.9	416.2	6,600*	50.6	421.5	8,300*	53.1	428.4	11,000*	210
215	47.5	411.6	6,300*	49.3	417.2	8,000*	51.8	424.5	10,600*	215
220	46.2	406.8	6,000*	48.0	412.7	7,600*	50.5	420.3	10,200*	220
225	44.8	401.8	5,700*	46.6	408.0	7,300*	49.3	416.0	9,800*	225
230	43.4	396.5	5,200*	45.2	403.0	7,000*	47.9	411.5	9,400*	230
235	41.9	390.9	4,800*	43.8	397.8	6,600*	46.6	406.8	9,000*	235
240	40.4	385.1	4,400*	42.4	392.3	6,400*	45.2	401.8	8,600*	240
245	38.8	378.9	4,100*	40.9	386.6	6,100*	43.8	396.6	8,300*	245
250				39.3	380.5	5,800*	42.3	391.1	7,900*	250
255				37.8	374.1	5,600*	40.9	385.4	7,600*	255
260				36.1	367.2	5,300*	39.3	379.3	7,300*	260
265				34.4	360.0	4,700*	37.7	372.8	6,900*	265
270				32.6	352.2	4,300*	36.1	366.0	6,400*	270
275				30.7	343.9	4,000*	34.3	358.7	6,000*	275
280							32.5	351.0	5,600*	280
285							30.6	342.6	5,200*	285
290							28.6	333.6	4,800*	290
295							26.4	323.7	4,400*	295
300							24.1	312.8	4,000*	300

Liftcrane Fixed Jib Capacities

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	29,500*	125
130	55.8	374.4	17,600*	58.2	378.6	21,600*	61.6	383.7	27,300*	64.9	387.3	29,400*	130
135	54.1	370.8	16,700*	56.5	375.3	20,500*	60.0	380.8	26,200*	63.3	384.9	29,200*	135
140	52.3	367.0	15,800*	54.7	371.8	19,400*	58.3	377.7	25,100*	61.7	382.2	29,000*	140
145	50.4	362.9	15,000*	53.0	368.1	18,500*	56.6	374.5	23,900*	60.1	379.3	28,200*	145
150	48.6	358.5	14,300*	51.2	364.1	17,500*	54.9	371.0	22,800*	58.4	376.3	26,800*	150
155	46.6	353.9	13,500*	49.3	359.8	16,600*	53.1	367.3	21,700*	56.7	373.0	25,400*	155
160	44.6	348.9	12,800*	47.4	355.3	15,800*	51.3	363.3	20,700*	55.0	369.6	24,100*	160
165	42.6	343.5	12,200*	45.4	350.4	15,000*	49.5	359.1	19,700*	53.2	365.9	22,800*	165
170	40.4	337.7	11,600*	43.4	345.2	14,200*	47.6	354.6	18,700*	51.4	361.9	21,700*	170
175	38.2	331.5	11,000*	41.3	339.6	13,500*	45.6	349.7	17,800*	49.6	357.7	20,600*	175
180	35.8	324.7	10,500*	39.1	333.5	12,900*	43.6	344.5	16,900*	47.7	353.2	19,600*	180
185	33.2	317.2	10,000*	36.7	327.0	12,200*	41.5	339.0	16,100*	45.7	348.4	18,600*	185
190	30.5	309.0	9,600*	34.2	319.8	11,600*	39.2	332.9	15,300*	43.7	343.2	17,700*	190
195	27.5	299.7	9,300*	31.6	311.9	11,100*	36.9	326.4	14,500*	41.6	337.7	16,800*	195
200	24.2	289.2	8,900*	28.7	303.1	10,600*	34.5	319.3	13,800*	39.4	331.7	16,000*	200
205	20.4	276.6	8,700*	25.6	293.1	10,200*	31.8	311.5	13,200*	37.1	325.2	15,200*	205
210	15.7	260.7	8,500*	22.0	281.4	9,900*	29.0	302.7	12,600*	34.6	318.1	14,500*	210
215	8.6	236.2	8,500*	17.7	267.0	9,600*	25.9	292.8	12,000*	32.0	310.4	13,700*	215
220				11.9	247.3	9,400*	22.3	281.3	11,600*	29.2	301.7	13,100*	220
225							18.1	267.2	11,200*	26.1	291.9	12,400*	225
230							12.5	248.2	10,900*	22.6	280.5	11,800*	230
235										18.4	266.6	11,200*	235
240										13.0	248.1	10,600*	240



Liftcrane Fixed Jib Capacities

**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**

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	26,600*	130
135	56.4	383.0	16,100*	58.7	387.1	19,700*	61.9	392.2	25,000*	65.1	395.9	26,600*	135
140	54.8	379.4	15,200*	57.1	383.9	18,700*	60.4	389.3	24,000*	63.6	393.4	26,500*	140
145	53.1	375.6	14,400*	55.4	380.4	17,800*	58.8	386.3	23,000*	62.0	390.7	26,300*	145
150	51.4	371.6	13,700*	53.8	376.7	16,900*	57.2	383.0	21,900*	60.5	387.9	26,100*	150
155	49.6	367.3	13,000*	52.0	372.8	16,000*	55.6	379.6	20,900*	58.9	384.8	25,500*	155
160	47.8	362.8	12,300*	50.3	368.6	15,200*	53.9	375.9	20,000*	57.3	381.6	24,200*	160
165	45.9	357.9	11,700*	48.5	364.2	14,400*	52.2	372.0	19,000*	55.7	378.1	22,900*	165
170	43.9	352.7	11,100*	46.6	359.4	13,700*	50.4	367.8	18,100*	54.0	374.5	21,800*	170
175	41.9	347.1	10,500*	44.7	354.3	13,000*	48.6	363.4	17,200*	52.3	370.6	20,700*	175
180	39.8	341.1	10,000*	42.7	348.9	12,300*	46.8	358.7	16,300*	50.6	366.5	19,700*	180
185	37.6	334.7	9,500*	40.7	343.1	11,700*	44.9	353.7	15,500*	48.8	362.1	18,700*	185
190	35.3	327.6	9,100*	38.5	336.8	11,100*	42.9	348.3	14,800*	46.9	357.4	17,800*	190
195	32.8	319.9	8,600*	36.2	330.0	10,600*	40.8	342.5	14,000*	45.0	352.3	16,900*	195
200	30.2	311.4	8,300*	33.8	322.6	10,100*	38.7	336.2	13,300*	43.0	347.0	16,100*	200
205	27.3	301.9	8,000*	31.2	314.4	9,600*	36.4	329.5	12,600*	41.0	341.2	15,300*	205
210	24.0	291.0	7,700*	28.4	305.3	9,200*	34.0	322.1	12,000*	38.8	335.0	14,600*	210
215	20.3	278.0	7,500*	25.3	295.0	8,800*	31.4	314.0	11,500*	36.6	328.3	13,900*	215
220	15.6	261.6	7,300*	21.8	283.0	8,500*	28.7	305.0	10,900*	34.2	321.0	13,200*	220
225		236.1	7,300*	17.6	268.2	8,300*	25.6	294.8	10,400*	31.6	312.9	12,500*	225
230				11.9	247.7	8,100*	22.1	282.9	10,000*	28.9	304.0	11,900*	230
235							18.0	268.4	9,700*	25.8	293.9	11,300*	235
240							12.5	248.7	9,400*	22.4	282.1	10,700*	240
245										18.3	267.9	10,100*	245
250										13.0	248.7	9,600*	250

Liftcrane Fixed Jib Capacities

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

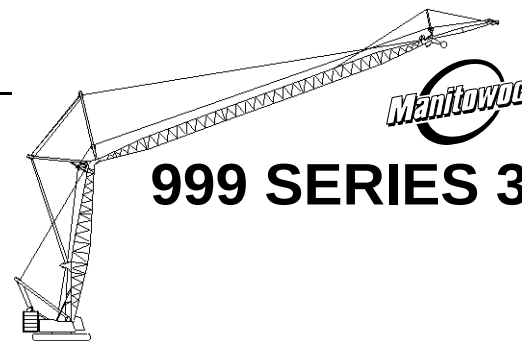
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	23,700*	135
140	57.1	392.3	15,000*	59.3	396.3	18,400*	62.4	401.3	23,200*	65.4	405.0	23,700*	140
145	55.6	388.8	14,300*	57.7	393.1	17,500*	60.9	398.5	22,300*	63.9	402.5	23,700*	145
150	54.0	385.1	13,500*	56.2	389.7	16,700*	59.4	395.5	21,400*	62.5	399.9	23,600*	150
155	52.3	381.2	12,800*	54.6	386.1	15,800*	57.9	392.3	20,500*	61.0	397.0	23,500*	155
160	50.6	377.0	12,200*	53.0	382.3	15,000*	56.3	388.9	19,600*	59.5	394.0	23,400*	160
165	48.9	372.6	11,600*	51.3	378.2	14,300*	54.7	385.3	18,800*	58.0	390.8	23,300*	165
170	47.2	367.9	11,000*	49.6	373.9	13,600*	53.1	381.5	17,900*	56.4	387.5	22,100*	170
175	45.3	362.9	10,400*	47.9	369.3	12,900*	51.4	377.4	17,100*	54.8	383.9	21,000*	175
180	43.5	357.6	9,900*	46.1	364.4	12,200*	49.8	373.1	16,200*	53.2	380.1	20,000*	180
185	41.5	351.9	9,400*	44.2	359.3	11,600*	48.0	368.6	15,400*	51.6	376.1	19,000*	185
190	39.5	345.7	8,900*	42.3	353.7	11,000*	46.2	363.7	14,700*	49.9	371.8	18,100*	190
195	37.3	339.1	8,500*	40.3	347.8	10,500*	44.4	358.6	14,000*	48.1	367.2	17,200*	195
200	35.1	332.0	8,100*	38.2	341.4	10,000*	42.5	353.0	13,300*	46.3	362.4	16,400*	200
205	32.7	324.2	7,700*	36.0	334.4	9,500*	40.5	347.1	12,600*	44.5	357.3	15,600*	205
210	30.2	315.6	7,400*	33.7	326.9	9,000*	38.4	340.8	12,000*	42.6	351.8	14,800*	210
215	27.4	306.0	7,100*	31.2	318.7	8,600*	36.2	333.9	11,400*	40.6	345.9	14,100*	215
220	24.3	295.1	6,800*	28.5	309.5	8,200*	33.9	326.4	10,800*	38.5	339.6	13,400*	220
225	20.7	282.2	6,600*	25.5	299.1	7,900*	31.4	318.2	10,300*	36.3	332.7	12,800*	225
230	16.4	266.2	6,500*	22.2	287.1	7,600*	28.7	309.2	9,800*	34.0	325.3	12,100*	230
235	10.3	242.9	6,400*	18.2	272.6	7,400*	25.8	298.9	9,400*	31.6	317.2	11,500*	235
240				13.1	253.2	7,200*	22.5	287.1	9,000*	28.9	308.1	10,900*	240
245							18.6	272.8	8,700*	26.0	298.0	10,400*	245
250							13.6	254.0	8,400*	22.7	286.3	9,800*	250
255							3.3	214.3	8,300*	18.9	272.2	9,300*	255
260										14.0	253.8	8,800*	260
265										5.0	219.3	8,200*	265



Liftcrane Fixed Jib Capacities

**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

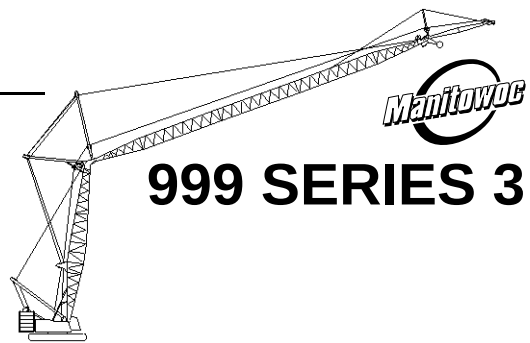
200 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

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	20,400*	150
155	54.3	393.9	12,400*	56.4	398.5	15,300*	59.5	404.2	19,600*	62.4	408.6	20,400*	155
160	52.7	390.0	11,800*	54.9	394.9	14,600*	58.0	401.0	18,900*	61.0	405.7	20,300*	160
165	51.2	385.9	11,200*	53.4	391.1	13,900*	56.5	397.6	18,100*	59.6	402.7	20,300*	165
170	49.5	381.6	10,600*	51.8	387.1	13,200*	55.0	394.1	17,300*	58.1	399.6	20,200*	170
175	47.9	377.0	10,100*	50.2	382.9	12,500*	53.5	390.3	16,500*	56.6	396.2	20,100*	175
180	46.1	372.1	9,600*	48.5	378.4	11,900*	51.9	386.3	15,800*	55.1	392.7	19,500*	180
185	44.4	366.9	9,100*	46.8	373.6	11,300*	50.3	382.1	15,000*	53.6	388.9	18,700*	185
190	42.5	361.4	8,600*	45.1	368.6	10,700*	48.7	377.6	14,300*	52.0	384.9	18,000*	190
195	40.6	355.5	8,200*	43.3	363.2	10,200*	47.0	372.9	13,600*	50.4	380.7	17,200*	195
200	38.6	349.2	7,800*	41.4	357.4	9,700*	45.2	367.9	13,000*	48.8	376.3	16,400*	200
205	36.6	342.4	7,400*	39.4	351.3	9,200*	43.4	362.5	12,300*	47.1	371.6	15,600*	205
210	34.4	335.1	7,000*	37.4	344.7	8,700*	41.5	356.8	11,700*	45.3	366.6	14,800*	210
215	32.0	327.0	6,700*	35.3	337.6	8,300*	39.6	350.7	11,100*	43.5	361.2	14,100*	215
220	29.5	318.2	6,400*	33.0	329.8	7,900*	37.6	344.1	10,600*	41.7	355.5	13,400*	220
225	26.8	308.4	6,200*	30.6	321.4	7,500*	35.4	337.1	10,000*	39.7	349.5	12,800*	225
230	23.8	297.2	5,900*	27.9	311.9	7,200*	33.2	329.4	9,500*	37.7	342.9	12,100*	230
235	20.3	284.0	5,700*	25.0	301.3	6,900*	30.8	321.0	9,100*	35.6	335.9	11,500*	235
240	16.1	267.7	5,600*	21.8	289.0	6,600*	28.2	311.6	8,700*	33.3	328.3	11,000*	240
245	10.1	243.9	5,600*	17.9	274.2	6,400*	25.3	301.1	8,300*	30.9	319.9	10,400*	245
250				12.9	254.3	6,300*	22.1	289.0	7,900*	28.3	310.6	9,900*	250
255							18.3	274.4	7,600*	25.5	300.2	9,400*	255
260							13.4	255.2	7,400*	22.3	288.2	8,900*	260
265							3.4	215.3	7,200*	18.5	273.9	8,400*	265
270										13.7	255.0	7,900*	270
275										5.0	220.1	7,400*	275

Liftcrane Fixed Jib Capacities

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

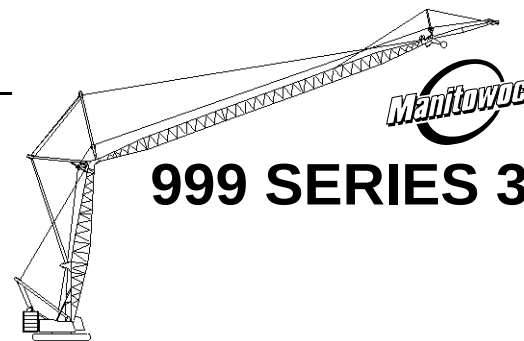
Designed And Tested
With The Intent To
Be In The Scope of
ANSI B30.5



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	16,300*	165
170	51.4	394.8	10,300*	53.6	400.0	12,800*	56.6	406.4	16,100*	59.5	411.5	16,200*	170
175	49.9	390.6	9,800*	52.0	396.0	12,200*	55.1	402.9	15,900*	58.1	408.3	16,000*	175
180	48.3	386.1	9,300*	50.5	391.8	11,600*	53.7	399.2	15,300*	56.7	405.0	15,900*	180
185	46.7	381.3	8,900*	48.9	387.4	11,000*	52.2	395.2	14,600*	55.2	401.5	15,800*	185
190	45.0	376.3	8,400*	47.3	382.8	10,500*	50.6	391.1	14,000*	53.8	397.8	15,700*	190
195	43.3	370.9	8,000*	45.7	377.9	10,000*	49.1	386.7	13,300*	52.3	393.8	15,500*	195
200	41.5	365.2	7,600*	44.0	372.6	9,500*	47.5	382.1	12,700*	50.7	389.7	15,400*	200
205	39.6	359.2	7,200*	42.2	367.1	9,000*	45.8	377.2	12,100*	49.2	385.3	15,000*	205
210	37.7	352.7	6,800*	40.4	361.2	8,500*	44.1	372.0	11,500*	47.6	380.7	14,500*	210
215	35.7	345.7	6,500*	38.5	354.8	8,100*	42.3	366.4	10,900*	45.9	375.8	13,900*	215
220	33.5	338.1	6,200*	36.5	348.0	7,700*	40.5	360.5	10,400*	44.2	370.7	13,400*	220
225	31.3	329.9	5,900*	34.4	340.7	7,300*	38.6	354.2	9,900*	42.5	365.1	12,900*	225
230	28.8	320.9	5,600*	32.2	332.8	7,000*	36.6	347.5	9,400*	40.6	359.3	12,300*	230
235	26.2	310.8	5,400*	29.8	324.1	6,600*	34.6	340.2	8,900*	38.8	353.0	11,700*	235
240	23.2	299.3	5,200*	27.2	314.4	6,300*	32.4	332.3	8,500*	36.8	346.3	11,100*	240
245	19.8	285.9	5,000*	24.4	303.6	6,100*	30.0	323.7	8,100*	34.7	339.1	10,600*	245
250	15.7	269.2	4,900*	21.2	291.0	5,800*	27.5	314.2	7,700*	32.5	331.2	10,100*	250
255	9.9	245.1	4,900*	17.4	275.9	5,600*	24.7	303.4	7,300*	30.2	322.7	9,600*	255
260				12.5	255.7	5,500*	21.5	291.0	7,000*	27.6	313.2	9,100*	260
265							17.8	276.1	6,700*	24.9	302.5	8,600*	265
270							13.0	256.5	6,500*	21.7	290.3	8,100*	270
275							3.6	217.1	6,400*	18.1	275.6	7,700*	275
280										13.4	256.4	7,200*	280
285										5.0	221.4	6,800*	285



Liftcrane Fixed Jib Capacities

**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	12,300*	190
195	45.4	385.6	7,700*	47.6	391.9	9,700*	50.8	400.0	11,900*	53.8	406.6	12,000*	195
200	43.8	380.4	7,300*	46.1	387.1	9,200*	49.3	395.7	11,700*	52.3	402.7	12,000*	200
205	42.1	374.9	7,000*	44.4	382.0	8,800*	47.8	391.2	11,600*	50.9	398.7	11,800*	205
210	40.4	369.0	6,600*	42.8	376.6	8,300*	46.2	386.4	11,200*	49.4	394.4	11,600*	210
215	38.5	362.7	6,300*	41.0	370.9	7,900*	44.6	381.3	10,700*	47.9	389.8	11,500*	215
220	36.6	356.1	6,000*	39.3	364.8	7,500*	42.9	376.0	10,200*	46.3	385.1	11,400*	220
225	34.7	348.9	5,700*	37.4	358.3	7,100*	41.2	370.3	9,700*	44.7	380.0	11,300*	225
230	32.6	341.1	5,400*	35.5	351.3	6,800*	39.4	364.2	9,200*	43.0	374.7	11,100*	230
235	30.4	332.7	5,100*	33.4	343.8	6,400*	37.6	357.7	8,800*	41.3	369.0	11,000*	235
240	28.0	323.5	4,900*	31.2	335.7	6,100*	35.6	350.8	8,300*	39.5	363.0	10,800*	240
245	25.4	313.2	4,700*	28.9	326.8	5,800*	33.6	343.3	7,900*	37.7	356.5	10,400*	245
250	22.5	301.5	4,500*	26.4	316.9	5,600*	31.4	335.3	7,500*	35.8	349.6	10,000*	250
255	19.2	287.8	4,400*	23.7	305.8	5,300*	29.1	326.4	7,100*	33.7	342.2	9,500*	255
260	15.2	270.8	4,300*	20.6	293.0	5,100*	26.6	316.6	6,800*	31.6	334.2	9,000*	260
265	9.5	246.4	4,200*	16.9	277.6	4,900*	23.9	305.7	6,500*	29.3	325.4	8,600*	265
270				12.1	257.1	4,800*	20.8	293.0	6,200*	26.8	315.7	8,100*	270
275							17.2	277.9	6,000*	24.1	304.8	7,700*	275
280							12.5	257.9	5,800*	21.0	292.3	7,300*	280
285							3.6	219.0	5,600*	17.5	277.3	6,800*	285
290										12.9	257.9	6,400*	290
295										4.9	222.9	6,000*	295