


Liftcrane Boom Capacities

Boom No. B10:350
110,500 lb Crane Counterweight
35,000 lb Carbody Counterweight
360 Degree Rating

MLC150-1 SERIES 2


 **LIFTING CAPACITIES:** Lifting capacities for various boom lengths and operating radii are for freely suspended loads and may be based on percent of static tipping or strength of structural components. Capacities must be reduced by applicable deducts.


Upper boom point capacity for liftcrane service with single part whip line from Drum 3 is 20,000 lb or 40,000 lb with two part whip line. When Drum 1 or Drum 2 is used, capacity with single part whip line is 29,600 lb or 59,200 lb with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.


Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves is considered part of load. Boom is 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, level, and uniformly supporting surface. Refer to Boom Rigging No. 80117858, Wire Rope Specifications chart No. 9834-A, Counterweight Arrangements chart No. 9828-A, and Wind Conditions chart No. 9833-A. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to the Operator Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level, and uniformly supporting surface. Boom must be within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart No. 9832-A.

 **OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.

 **BOOM ANGLE:** Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

 **BOOM POINT ELEVATION:** Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 26 ft 2 in. crawlers, 48 in. treads, 17 ft 5 in. gantry, load drums 1 and 2, 10 part boom hoist reeving, boom straps, 110,500 lb crane counterweight, and 35,000 lb carbody counterweight.

Consult chart No. 9836-A when Jib No. 134 is attached.

Upper Boom Point Deduct	
Deduct 1,200 lb from capacities when upper boom point is attached. Deduct does not apply to 49.2 ft boom length.	

Third Line Deduct	
Deduct 400 lb from capacities when boom top is equipped with optional 3rd sheave wire rope guide.	

Deduct From Capacities When Jib No. 134 Is Attached			
Jib Length (ft)	Jib Offset Angle		
	5°	15°	25°
Deduct (lb)			
30.0	5,000	5,300	6,000
40.0	5,700	6,500	7,700
50.0	6,500	7,800	9,500
60.0	7,400	9,000	11,300
70.0	8,100	10,100	12,600
80.0	8,900	11,200	14,100

Weight of jib and 2,000 lb suspended beneath jib point have been included in determination of deduct.

Refer to Table 1 for raising ability with the maximum weight of all load blocks, hooks, weight ball, slings, and hoist lines beneath boom point sheaves. For block weights shown with #, load blocks, hooks, weight ball, and slings must remain on ground until combined weights are within rated capacity of chart. Raising is not permitted in shaded areas of table.

Combined weight beneath boom point sheaves must not exceed block weight shown.

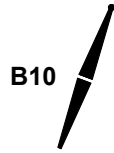
Table 1

Boom Length (ft)	Over End or Side of Crawlers	Over End of Blocked Crawlers
	Block Weight (lb)	
49.2 - 187.0	7,700	7,700
196.9	6,300	7,700
206.7	4,700	4,900
216.5	2,000	2,000
226.4	1,800	2,000
236.2	#	2,000
246.1		1,800
255.9		#

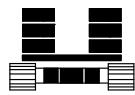
Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. *Crane tipping or structural damage can occur.*

REFERENCE ONLY!

Explanation of Symbols



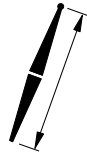
Boom No. B10:350



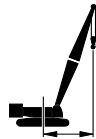
Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Boom Length



Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)



Lifting Capacities
(see page 1)

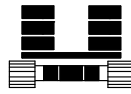
REFERENCE ONLY!

MLC150-1 S-2

ASME B30.5



B10



110,500 lb
+
35,000 lb



360°

49.2 ft

ft	°	ft	lb
14	80.4	55.2	330,600
15	79.2	55.0	313,400
16	78.0	54.8	293,800
17	76.8	54.5	276,500
18	75.6	54.2	261,200
19	74.4	53.9	247,400
20	73.2	53.6	235,100
22	70.7	52.8	213,700
24	68.2	52.0	195,900
26	65.6	51.1	180,800
28	63.0	50.0	167,900
30	60.3	48.8	155,100
32	57.5	47.5	140,900
34	54.6	46.1	128,900
36	51.6	44.4	118,700
38	48.5	42.6	109,900
40	45.2	40.6	102,300
42	41.6	38.3	95,600
44	37.8	35.7	89,600
46	33.6	32.7	84,300
48	28.8	29.1	79,500
49	26.1	27.0	77,300

59.1 ft

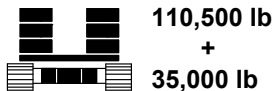
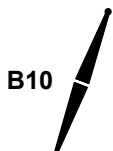
ft	°	ft	lb
16	80.1	64.8	293,800
17	79.1	64.6	276,500
18	78.1	64.4	261,200
19	77.1	64.1	247,400
20	76.1	63.9	235,100
22	74.0	63.3	213,700
24	72.0	62.6	195,900
26	69.9	61.8	180,800
28	67.8	61.0	167,900
30	65.7	60.1	156,100
32	63.5	59.0	141,800
34	61.3	57.9	129,800
36	59.0	56.7	119,600
38	56.6	55.3	110,800
40	54.2	53.8	103,100
42	51.7	52.2	96,400
44	49.2	50.5	90,500
46	46.5	48.6	85,100
48	43.6	46.4	80,400
50	40.6	44.1	76,100
55	32.1	36.8	66,900
58	25.7	31.0	62,400

68.9 ft

ft	°	ft	lb
18	79.8	74.5	261,200
19	79.0	74.3	247,400
20	78.1	74.0	235,100
22	76.4	73.5	213,700
24	74.7	73.0	195,900
26	72.9	72.3	180,800
28	71.1	71.6	167,900
30	69.4	70.8	156,100
32	67.6	70.0	141,800
34	65.7	69.0	129,800
36	63.9	68.0	119,600
38	62.0	66.9	110,800
40	60.0	65.8	103,200
42	58.1	64.5	96,500
44	56.0	63.1	90,500
46	54.0	61.6	85,200
48	51.8	60.0	80,400
50	49.7	58.3	76,100
55	43.8	53.4	67,000
60	37.2	47.2	59,700
65	29.3	39.1	53,600
67	25.4	34.9	51,500

MLC150-1 S-2

ASME B30.5



78.7 ft

ft	o	ft	lb
19	80.4	84.3	247,400
20	79.6	84.1	235,100
22	78.1	83.7	213,700
24	76.6	83.2	195,900
26	75.1	82.6	180,800
28	73.6	82.0	167,900
30	72.1	81.3	156,100
32	70.5	80.6	141,800
34	68.9	79.8	129,800
36	67.4	79.0	119,500
38	65.8	78.0	110,700
40	64.1	77.0	103,100
42	62.5	76.0	96,300
44	60.8	74.8	90,400
46	59.1	73.6	85,000
48	57.4	72.3	80,300
50	55.6	70.9	76,000
55	51.0	67.0	66,800
60	46.0	62.4	59,500
65	40.6	56.8	53,500
70	34.4	50.0	48,400
75	27.0	41.1	44,100
76	25.2	38.9	43,300

88.6 ft

ft	o	ft	lb
21	80.1	94.0	223,900
22	79.5	93.8	213,700
24	78.1	93.3	195,900
26	76.8	92.8	180,800
28	75.5	92.3	167,900
30	74.1	91.7	156,000
32	72.8	91.1	141,700
34	71.4	90.4	129,700
36	70.0	89.6	119,400
38	68.6	88.8	110,600
40	67.2	88.0	102,900
42	65.8	87.0	96,200
44	64.3	86.1	90,200
46	62.9	85.0	84,900
48	61.4	83.9	80,100
50	59.9	82.7	75,800
55	56.0	79.4	66,700
60	52.0	75.7	59,400
65	47.7	71.3	53,300
70	43.0	66.1	48,300
75	37.9	60.0	44,000
80	32.1	52.5	40,300
85	25.1	42.9	37,100

98.4 ft

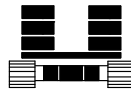
ft	o	ft	lb
23	79.9	103.6	204,400
24	79.3	103.4	195,900
26	78.2	102.9	180,800
28	77.0	102.5	167,900
30	75.8	101.9	155,900
32	74.5	101.4	141,500
34	73.3	100.8	129,500
36	72.1	100.1	119,300
38	70.9	99.4	110,400
40	69.6	98.6	102,700
42	68.4	97.8	96,000
44	67.1	96.9	90,000
46	65.8	96.0	84,700
48	64.5	95.1	79,900
50	63.2	94.0	75,600
55	59.9	91.2	66,500
60	56.4	88.0	59,100
65	52.8	84.3	53,100
70	49.0	80.0	48,000
75	44.9	75.2	43,700
80	40.5	69.6	40,100
85	35.7	62.9	36,800
90	30.2	54.9	34,000
93	26.4	49.1	32,500

MLC150-1 S-2

ASME B30.5



B10



110,500 lb
+
35,000 lb



360°

108.3 ft

ft	o	ft	lb
24	80.3	113.4	195,900
26	79.2	113.0	180,800
28	78.2	112.6	167,900
30	77.1	112.1	155,800
32	76.0	111.6	141,500
34	74.9	111.0	129,400
36	73.8	110.4	119,200
38	72.7	109.8	110,300
40	71.6	109.1	102,600
42	70.4	108.4	95,900
44	69.3	107.6	89,900
46	68.1	106.8	84,600
48	67.0	105.9	79,800
50	65.8	105.0	75,500
55	62.9	102.5	66,400
60	59.8	99.7	59,000
65	56.7	96.5	53,000
70	53.4	92.8	47,900
75	50.0	88.8	43,600
80	46.4	84.1	40,000
85	42.5	78.9	36,800
90	38.4	72.8	34,000
95	33.8	65.7	31,500
100	28.5	57.1	29,200
102	26.1	53.1	28,400

118.1 ft

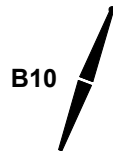
ft	o	ft	lb
26	80.2	123.1	180,800
28	79.2	122.7	167,900
30	78.2	122.2	155,700
32	77.2	121.8	141,300
34	76.2	121.2	129,200
36	75.2	120.7	119,000
38	74.2	120.1	110,100
40	73.1	119.5	102,400
42	72.1	118.8	95,700
44	71.1	118.1	89,700
46	70.1	117.4	84,300
48	69.0	116.6	79,600
50	68.0	115.8	75,200
55	65.3	113.5	66,100
60	62.6	111.0	58,700
65	59.8	108.2	52,700
70	56.9	105.0	47,600
75	53.9	101.4	43,300
80	50.8	97.4	39,700
85	47.6	93.0	36,500
90	44.2	88.0	33,700
95	40.5	82.3	31,200
100	36.5	75.8	28,900
105	32.1	68.3	27,000
110	27.1	59.1	25,200
111	26.0	57.0	24,800

128.0 ft

ft	o	ft	lb
27	80.5	132.9	171,300
28	80.0	132.7	167,900
30	79.1	132.3	155,500
32	78.2	131.9	141,100
34	77.3	131.4	129,000
36	76.3	130.9	118,800
38	75.4	130.4	109,900
40	74.5	129.8	102,200
42	73.5	129.2	95,400
44	72.6	128.6	89,400
46	71.7	127.9	84,100
48	70.7	127.2	79,300
50	69.8	126.4	75,000
55	67.3	124.4	65,800
60	64.9	122.1	58,500
65	62.4	119.5	52,400
70	59.8	116.6	47,400
75	57.1	113.5	43,100
80	54.4	109.9	39,400
85	51.6	106.1	36,200
90	48.6	101.8	33,400
95	45.5	97.0	30,900
100	42.2	91.6	28,700
105	38.7	85.6	26,700
110	34.9	78.7	24,900
115	30.7	70.7	23,300
120	25.8	61.0	21,800

MLC150-1 S-2

ASME B30.5



110,500 lb
+
35,000 lb



137.8 ft

ft	o	ft	lb
29	80.3	142.5	158,800
30	79.9	142.3	155,300
32	79.0	141.9	140,900
34	78.2	141.5	128,800
36	77.3	141.0	118,500
38	76.5	140.5	109,700
40	75.6	140.0	102,000
42	74.8	139.5	95,200
44	73.9	138.9	89,200
46	73.0	138.2	83,800
48	72.1	137.6	79,000
50	71.3	136.9	74,700
55	69.0	135.0	65,500
60	66.8	132.9	58,200
65	64.5	130.6	52,100
70	62.1	128.0	47,100
75	59.8	125.1	42,800
80	57.3	122.0	39,100
85	54.8	118.5	35,900
90	52.2	114.7	33,100
95	49.4	110.5	30,600
100	46.6	105.9	28,400
105	43.6	100.8	26,400
110	40.5	95.1	24,600
115	37.1	88.7	23,000
120	33.4	81.4	21,500
125	29.4	73.0	20,100
129	25.7	65.0	19,100

147.6 ft

ft	o	ft	lb
31	80.2	152.2	145,500
32	79.8	152.0	140,700
34	79.0	151.6	128,600
36	78.2	151.1	118,400
38	77.4	150.7	109,500
40	76.6	150.2	101,800
42	75.8	149.7	95,000
44	75.0	149.1	89,000
46	74.2	148.5	83,600
48	73.4	147.9	78,800
50	72.6	147.3	74,500
55	70.5	145.6	65,300
60	68.4	143.6	58,000
65	66.3	141.5	51,900
70	64.2	139.1	46,900
75	62.0	136.5	42,600
80	59.7	133.6	38,900
85	57.4	130.4	35,700
90	55.1	127.0	32,900
95	52.7	123.3	30,400
100	50.2	119.2	28,200
105	47.6	114.7	26,200
110	44.8	109.8	24,400
115	42.0	104.4	22,800
120	38.9	98.3	21,300
125	35.7	91.6	19,900
130	32.1	84.0	18,700
135	28.2	75.1	17,500
138	25.5	69.0	16,900

157.5 ft

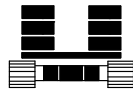
ft	o	ft	lb
32	80.4	162.0	136,000
34	79.7	161.6	128,400
36	78.9	161.2	118,100
38	78.2	160.8	109,300
40	77.5	160.3	101,500
42	76.7	159.8	94,700
44	76.0	159.3	88,700
46	75.2	158.8	83,400
48	74.4	158.2	78,600
50	73.7	157.6	74,200
55	71.8	156.0	65,000
60	69.8	154.2	57,700
65	67.9	152.2	51,600
70	65.9	150.0	46,500
75	63.9	147.6	42,200
80	61.8	144.9	38,500
85	59.7	142.1	35,300
90	57.6	138.9	32,500
95	55.4	135.5	30,000
100	53.1	131.8	27,800
105	50.8	127.8	25,800
110	48.4	123.5	24,000
115	45.9	118.7	22,400
120	43.2	113.5	20,900
125	40.5	107.8	19,600
130	37.5	101.5	18,300
135	34.4	94.4	17,200
140	31.0	86.4	16,100
145	27.1	77.2	15,100
147	25.4	73.0	14,800

MLC150-1 S-2

ASME B30.5



B10



110,500 lb
+
35,000 lb



360°

167.3 ft

ft	o	ft	lb
34	80.3	171.6	124,400
36	79.6	171.2	117,900
38	78.9	170.8	109,000
40	78.2	170.4	101,300
42	77.5	170.0	94,500
44	76.8	169.5	88,400
46	76.1	169.0	83,100
48	75.4	168.4	78,300
50	74.7	167.9	73,900
55	72.9	166.4	64,700
60	71.1	164.7	57,400
65	69.3	162.8	51,300
70	67.4	160.8	46,200
75	65.5	158.5	41,900
80	63.6	156.1	38,200
85	61.7	153.4	35,000
90	59.7	150.5	32,200
95	57.7	147.4	29,700
100	55.6	144.1	27,500
105	53.5	140.4	25,500
110	51.3	136.5	23,700
115	49.1	132.2	22,100
120	46.7	127.6	20,600
125	44.3	122.6	19,300
130	41.8	117.1	18,000
135	39.1	111.1	16,900
140	36.3	104.5	15,800
145	33.2	97.1	14,800
150	29.9	88.8	13,900
155	26.2	79.1	13,100
156	25.3	77.0	12,900

177.2 ft

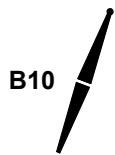
ft	o	ft	lb
36	80.2	181.3	113,300
38	79.5	180.9	108,800
40	78.9	180.5	101,000
42	78.2	180.0	94,200
44	77.5	179.6	88,200
46	76.9	179.1	82,800
48	76.2	178.6	78,000
50	75.5	178.1	73,600
55	73.9	176.7	64,400
60	72.2	175.1	57,000
65	70.5	173.3	51,000
70	68.7	171.4	45,900
75	67.0	169.3	41,600
80	65.2	167.0	37,900
85	63.4	164.6	34,700
90	61.6	161.9	31,900
95	59.7	159.0	29,400
100	57.8	155.9	27,100
105	55.8	152.6	25,200
110	53.8	149.0	23,400
115	51.8	145.1	21,700
120	49.7	140.9	20,300
125	47.5	136.4	18,900
130	45.3	131.6	17,700
135	42.9	126.3	16,500
140	40.5	120.6	15,500
145	37.9	114.3	14,500
150	35.1	107.4	13,600
155	32.1	99.7	12,700
160	28.9	91.0	11,900
165	25.3	81.0	11,200

187.0 ft

ft	o	ft	lb
37	80.4	191.1	105,500
38	80.1	190.9	104,300
40	79.5	190.5	100,800
42	78.8	190.1	94,000
44	78.2	189.7	87,900
46	77.6	189.2	82,600
48	77.0	188.8	77,700
50	76.3	188.3	73,400
55	74.7	186.9	64,200
60	73.1	185.4	56,800
65	71.5	183.8	50,700
70	69.9	182.0	45,600
75	68.3	180.0	41,300
80	66.6	177.9	37,600
85	64.9	175.6	34,400
90	63.2	173.1	31,600
95	61.4	170.4	29,100
100	59.7	167.5	26,900
105	57.9	164.4	24,900
110	56.0	161.1	23,100
115	54.2	157.5	21,500
120	52.2	153.7	20,000
125	50.2	149.6	18,700
130	48.2	145.2	17,400
135	46.1	140.5	16,300
140	43.9	135.4	15,200
145	41.6	129.9	14,200
150	39.2	123.9	13,300
155	36.7	117.3	12,500
160	34.0	110.1	11,700
165	31.1	102.2	10,900
170	28.0	93.1	10,200
174	25.2	84.9	9,700

MLC150-1 S-2

ASME B30.5



 110,500 lb
+
35,000 lb



196.9 ft

ft	°	ft	lb
39	80.3	200.7	96,800
40	80.0	200.5	95,800
42	79.4	200.2	93,700
44	78.8	199.7	87,700
46	78.2	199.3	82,300
48	77.6	198.9	77,500
50	77.0	198.4	73,100
55	75.5	197.1	63,900
60	74.0	195.7	56,500
65	72.5	194.2	50,400
70	70.9	192.5	45,300
75	69.4	190.6	41,000
80	67.8	188.6	37,300
85	66.2	186.4	34,100
90	64.6	184.1	31,200
95	63.0	181.6	28,800
100	61.3	178.9	26,500
105	59.7	176.0	24,500
110	58.0	172.9	22,800
115	56.2	169.6	21,100
120	54.4	166.0	19,600
125	52.6	162.3	18,300
130	50.7	158.3	17,100
135	48.8	153.9	15,900
140	46.8	149.3	14,900
145	44.8	144.4	13,900
150	42.7	139.0	13,000
155	40.4	133.3	12,100
160	38.1	127.1	11,300
165	35.7	120.3	10,600
170	33.1	112.8	9,900
175	30.2	104.5	9,200
180	27.2	95.2	8,600
183	25.1	88.9	8,200

206.7 ft

ft	°	ft	lb
40	80.5	210.5	85,500
42	79.9	210.2	84,500
44	79.4	209.8	83,500
46	78.8	209.4	82,000
48	78.2	209.0	77,200
50	77.7	208.5	72,800
55	76.2	207.3	63,600
60	74.8	206.0	56,200
65	73.3	204.5	50,100
70	71.9	202.9	45,000
75	70.4	201.1	40,700
80	68.9	199.2	37,000
85	67.4	197.2	33,700
90	65.9	195.0	30,900
95	64.4	192.6	28,400
100	62.8	190.1	26,200
105	61.3	187.3	24,200
110	59.7	184.4	22,400
115	58.0	181.4	20,800
120	56.4	178.1	19,300
125	54.7	174.6	18,000
130	53.0	170.9	16,700
135	51.2	166.9	15,600
140	49.4	162.7	14,500
145	47.5	158.1	13,500
150	45.6	153.3	12,600
155	43.6	148.2	11,800
160	41.5	142.6	11,000
165	39.4	136.6	10,200
170	37.1	130.2	9,500
175	34.7	123.1	8,900
180	32.1	115.4	8,200
185	29.4	106.8	7,700
190	26.4	97.2	7,100
192	25.1	92.9	6,900

216.5 ft

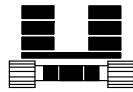
ft	°	ft	lb
42	80.4	220.2	75,900
44	79.8	219.8	75,000
46	79.3	219.4	74,100
48	78.8	219.0	73,300
50	78.2	218.6	72,400
55	76.9	217.4	63,300
60	75.5	216.2	55,800
65	74.1	214.8	49,700
70	72.7	213.2	44,700
75	71.3	211.6	40,300
80	69.9	209.8	36,600
85	68.5	207.8	33,400
90	67.1	205.7	30,600
95	65.6	203.5	28,100
100	64.2	201.1	25,800
105	62.7	198.5	23,800
110	61.2	195.8	22,100
115	59.7	192.9	20,400
120	58.1	189.8	18,900
125	56.5	186.6	17,600
130	54.9	183.1	16,300
135	53.3	179.4	15,200
140	51.6	175.5	14,100
145	49.9	171.3	13,200
150	48.1	166.9	12,200
155	46.3	162.2	11,400
160	44.4	157.2	10,600
165	42.5	151.8	9,900
170	40.4	146.0	9,200
175	38.3	139.9	8,500
180	36.1	133.2	7,900
185	33.8	125.9	7,300
190	31.3	117.9	6,700
195	28.6	109.0	6,200
200	25.6	99.1	5,700
201	25.0	96.9	5,600

MLC150-1 S-2

ASME B30.5



B10



110,500 lb
+
35,000 lb



360°

226.4 ft

ft	o	ft	lb
44	80.3	229.8	71,000
46	79.8	229.5	70,300
48	79.3	229.1	69,700
50	78.7	228.7	69,000
55	77.4	227.6	63,000
60	76.1	226.3	55,600
65	74.8	225.0	49,500
70	73.5	223.5	44,400
75	72.2	222.0	40,000
80	70.9	220.2	36,300
85	69.5	218.4	33,100
90	68.1	216.4	30,300
95	66.8	214.3	27,800
100	65.4	212.0	25,500
105	64.0	209.6	23,500
110	62.5	207.0	21,700
115	61.1	204.3	20,100
120	59.6	201.4	18,600
125	58.2	198.3	17,300
130	56.6	195.1	16,000
135	55.1	191.6	14,900
140	53.5	188.0	13,800
145	51.9	184.1	12,800
150	50.3	180.0	11,900
155	48.6	175.7	11,100
160	46.9	171.1	10,300
165	45.1	166.1	9,500
170	43.3	160.9	8,800
175	41.4	155.4	8,200
180	39.4	149.4	7,500
185	37.4	143.0	7,000
190	35.2	136.0	6,400
195	32.9	128.5	5,900
200	30.5	120.3	5,400
205	27.9	111.2	4,900
209	25.6	103.0	4,500

236.2 ft

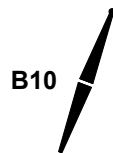
ft	o	ft	lb
45	80.5	239.6	64,100
46	80.2	239.5	63,800
48	79.7	239.1	63,200
50	79.2	238.7	62,600
55	78.0	237.7	61,100
60	76.7	236.5	55,100
65	75.5	235.2	49,000
70	74.2	233.8	43,900
75	73.0	232.3	39,600
80	71.7	230.7	35,900
85	70.4	228.9	32,600
90	69.1	227.0	29,800
95	67.8	225.0	27,300
100	66.5	222.8	25,100
105	65.1	220.5	23,100
110	63.8	218.1	21,300
115	62.4	215.5	19,600
120	61.0	212.8	18,200
125	59.6	209.9	16,800
130	58.2	206.8	15,500
135	56.8	203.6	14,400
140	55.3	200.1	13,300
145	53.8	196.5	12,400
150	52.3	192.7	11,400
155	50.7	188.7	10,600
160	49.1	184.4	9,800
165	47.5	179.9	9,100
170	45.8	175.1	8,400
175	44.1	170.0	7,700
180	42.3	164.6	7,100
185	40.4	158.8	6,500
190	38.5	152.6	5,900
195	36.5	146.0	5,400
200	34.4	138.9	4,900
205	32.1	131.1	4,400
210	29.8	122.6	3,900
215	27.2	113.2	3,300
218	25.5	107.0	3,000

246.1 ft

ft	o	ft	lb
47	80.4	249.3	56,600
48	80.1	249.1	56,400
50	79.7	248.7	55,800
55	78.5	247.7	54,500
60	77.3	246.6	53,300
65	76.1	245.4	48,800
70	74.9	244.1	43,700
75	73.7	242.6	39,300
80	72.4	241.0	35,600
85	71.2	239.4	32,400
90	70.0	237.5	29,500
95	68.7	235.6	27,000
100	67.5	233.6	24,800
105	66.2	231.4	22,800
110	64.9	229.1	21,000
115	63.6	226.6	19,400
120	62.3	224.0	17,900
125	61.0	221.3	16,500
130	59.6	218.4	15,300
135	58.3	215.3	14,100
140	56.9	212.1	13,100
145	55.5	208.7	12,100
150	54.0	205.1	11,200
155	52.6	201.3	10,300
160	51.1	197.3	9,500
165	49.6	193.1	8,800
170	48.0	188.6	8,100
175	46.4	183.9	7,400
180	44.8	179.0	6,800
185	43.1	173.7	6,200
190	41.3	168.1	5,600
195	39.5	162.1	5,100
200	37.6	155.8	4,600
205	35.7	148.9	4,100
210	33.6	141.6	3,500
215	31.4	133.6	3,000

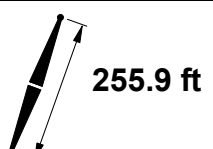
MLC150-1 S-2

ASME B30.5




110,500 lb
 +
35,000 lb



			
ft	°	ft	lb
49	80.3	258.9	51,100
50	80.1	258.7	50,800
55	78.9	257.8	49,600
60	77.8	256.7	48,500
65	76.6	255.5	47,300
70	75.5	254.3	43,200
75	74.3	252.9	38,900
80	73.1	251.4	35,200
85	72.0	249.8	31,900
90	70.8	248.0	29,100
95	69.6	246.2	26,600
100	68.4	244.2	24,300
105	67.2	242.1	22,300
110	65.9	239.9	20,500
115	64.7	237.6	18,900
120	63.5	235.1	17,400
125	62.2	232.5	16,000
130	60.9	229.7	14,800
135	59.6	226.8	13,600
140	58.3	223.8	12,600
145	57.0	220.6	11,600
150	55.6	217.2	10,700
155	54.3	213.6	9,800
160	52.9	209.9	9,000
165	51.4	205.9	8,300
170	50.0	201.8	7,600
175	48.5	197.4	6,900
180	47.0	192.8	6,300
185	45.4	187.9	5,700
190	43.8	182.8	5,200
195	42.1	177.3	4,600
200	40.4	171.5	4,000
205	38.7	165.4	3,400

PREFERENCE ONLY!