


Liftcrane Boom Capacities With Luffing Jib Attached

MLC250 SERIES 3


Boom No. B10:82A
Luffing Jib No. 135
219,600 lb Crane Counterweight
80,000 lb Carbody Counterweight
360 Degree Rating


 **LIFTING CAPACITIES:** Lifting capacities for various boom lengths, luffing jib lengths, boom-to-luffing jib angles, and boom 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.


Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves is considered part of load. Weight of luffing jib and 3,000 lb suspended beneath luffing jib point sheaves have been included in capacity determination. 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. Supporting surface and bearing turntable are to be level within a tolerance of 1/2 in. in 10 ft. During operation, luffing jib must be maintained at proper boom-to-luffing jib angle shown in table. Refer to Boom Rigging **No. 80137888**, Luffing Jib Rigging **No. 80138074**, Wire Rope Specifications chart **No. 9942-A**, Counterweight Arrangements chart **No. 9893-A**, Luffing Jib Raising Procedure chart **No. 9937-A**, and Wind Conditions chart **No. 9936-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 and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart **No. 9938-A**.

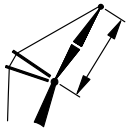
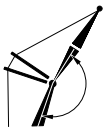
 **OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.

 **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 28 ft 2 in. crawlers, 48 in. or 60 in. treads, 10 ft 3 in. retractable gantry, 30 ft live mast, 20 part boom hoist reeving, boom support straps, 8 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays.

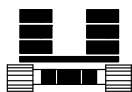
Consult chart **No. 9920-A** for luffing jib capacities.

Luffing Jib Position During Operation	
 Luffing Jib Length Feet	 Boom-to-Luffing Jib Angle Degrees
70	140
80 - 90	150
100 - 120	160
130 - 170	168

Explanation of Symbols



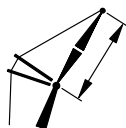
135 Luffing Jib No. 135
+
B10 Boom No. B10:82A



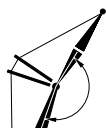
Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Luffing Jib Length



Boom-to-Luffing Jib Angle



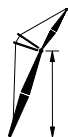
Boom Length



Operating Radius
(see page 1)



Boom Angle
(see page 1)



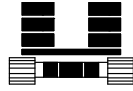
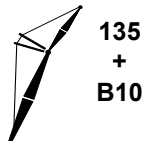
Boom Point Elevation
(see page 1)



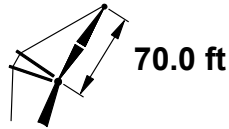
Lifting Capacities
(see page 1)

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



80.0 ft			
ft	°	ft	lb
17	83.0	87.3	363,800
18	82.3	87.2	359,400
19	81.5	87.0	355,200
20	80.8	86.8	351,100
22	79.4	86.4	336,200
24	77.9	85.9	307,600
26	76.4	85.4	283,000
28	74.9	84.8	261,700
30	73.4	84.2	243,100
32	71.9	83.5	226,700
34	70.4	82.8	212,000

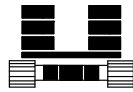
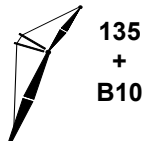
90.0 ft			
ft	°	ft	lb
19	82.5	97.1	325,300
20	81.8	97.0	321,500
22	80.6	96.6	314,300
24	79.3	96.2	307,200
26	77.9	95.7	282,700
28	76.6	95.2	261,400
30	75.3	94.7	242,800
32	74.0	94.1	226,400
34	72.6	93.4	211,800
36	71.3	92.7	198,400
37	70.6	92.3	189,700

100.0 ft			
ft	°	ft	lb
20	82.7	107.1	311,600
22	81.5	106.8	304,900
24	80.3	106.4	298,600
26	79.2	106.0	282,900
28	78.0	105.5	261,700
30	76.8	105.0	243,100
32	75.6	104.5	226,600
34	74.4	103.9	212,100
36	73.2	103.3	199,000
38	72.0	102.6	182,300
40	70.8	101.9	167,700
41	70.2	101.5	161,200

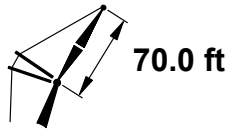
REFERENCE ONLY

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	286,700
22	82.3	116.9	283,600
24	81.2	116.6	277,600
26	80.2	116.2	271,900
28	79.1	115.8	261,200
30	78.0	115.3	242,600
32	77.0	114.8	226,200
34	75.9	114.3	211,600
36	74.8	113.8	198,500
38	73.7	113.1	182,400
40	72.6	112.5	167,900
42	71.5	111.8	155,100
44	70.4	111.1	143,800

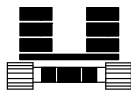
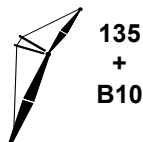
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	275,600
24	82.0	126.7	270,200
26	81.0	126.4	265,000
28	80.0	126.0	260,000
30	79.1	125.6	242,600
32	78.1	125.1	226,200
34	77.1	124.7	211,600
36	76.1	124.1	198,500
38	75.1	123.6	182,800
40	74.1	123.0	168,200
42	73.1	122.4	155,400
44	72.1	121.7	144,100
46	71.1	121.0	134,100
48	70.1	120.2	125,100

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	253,000
26	81.7	136.5	245,300
28	80.8	136.2	238,000
30	79.9	135.8	231,000
32	79.0	135.4	224,400
34	78.1	134.9	211,300
36	77.2	134.5	198,200
38	76.3	133.9	182,900
40	75.4	133.4	168,300
42	74.5	132.8	155,500
44	73.5	132.2	144,200
46	72.6	131.6	134,200
48	71.7	130.9	125,200
50	70.7	130.2	117,100
51	70.3	129.8	113,400

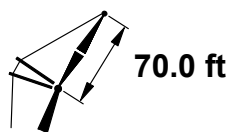
REFER TO

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



140.0 ft			
ft	o	ft	lb
25	82.7	146.8	242,700
26	82.3	146.6	238,900
28	81.5	146.3	231,700
30	80.6	146.0	224,800
32	79.8	145.6	218,200
34	79.0	145.2	211,200
36	78.1	144.7	198,200
38	77.3	144.3	183,100
40	76.5	143.8	168,500
42	75.6	143.2	155,700
44	74.8	142.7	144,400
46	73.9	142.1	134,300
48	73.0	141.4	125,300
50	72.2	140.8	117,300
54	70.4	139.4	103,300

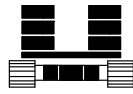
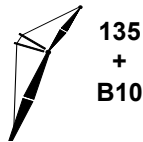
150.0 ft			
ft	o	ft	lb
26	82.8	156.7	215,000
28	82.0	156.4	209,100
30	81.3	156.1	203,500
32	80.5	155.8	198,100
34	79.7	155.4	192,700
36	78.9	155.0	187,600
38	78.2	154.5	182,700
40	77.4	154.1	168,400
42	76.6	153.6	155,600
44	75.8	153.0	144,200
46	75.0	152.5	134,200
48	74.2	151.9	125,200
50	73.4	151.3	117,000
55	71.4	149.6	99,900
58	70.2	148.5	91,400

160.0 ft			
ft	o	ft	lb
27	82.9	166.7	203,200
28	82.5	166.5	200,400
30	81.8	166.2	194,900
32	81.1	165.9	189,700
34	80.4	165.6	184,500
36	79.6	165.2	179,400
38	78.9	164.8	174,600
40	78.2	164.3	168,400
42	77.4	163.9	155,500
44	76.7	163.4	144,200
46	76.0	162.9	134,100
48	75.2	162.3	125,100
50	74.5	161.7	117,000
55	72.6	160.2	99,900
60	70.7	158.5	86,100
61	70.3	158.1	83,700

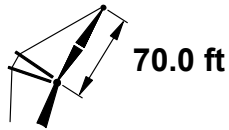
REFER TO SPECIFICATIONS

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



170.0 ft			
ft	o	ft	lb
28	83.0	176.6	187,100
30	82.3	176.4	182,500
32	81.6	176.0	178,000
34	80.9	175.7	173,700
36	80.3	175.4	169,400
38	79.6	175.0	165,300
40	78.9	174.6	161,300
42	78.2	174.1	155,500
44	77.5	173.7	144,100
46	76.8	173.2	134,000
48	76.1	172.7	125,000
50	75.4	172.1	116,900
55	73.7	170.7	99,700
60	71.9	169.1	86,000
65	70.1	167.3	74,700

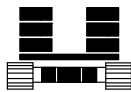
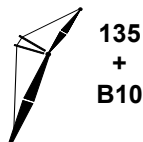
180.0 ft			
ft	o	ft	lb
30	82.7	186.5	173,500
32	82.1	186.2	169,200
34	81.5	185.8	164,900
36	80.8	185.5	160,800
38	80.2	185.2	156,800
40	79.5	184.8	152,900
42	78.9	184.4	149,200
44	78.2	183.9	144,000
46	77.6	183.5	133,900
48	76.9	183.0	124,900
50	76.2	182.5	116,700
55	74.6	181.1	99,500
60	72.9	179.6	85,800
65	71.3	177.9	74,600
68	70.2	176.8	68,700

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	118,000
50	77.0	192.8	117,200
55	75.4	191.5	100,000
60	73.9	190.1	86,200
65	72.3	188.5	74,900
70	70.7	186.7	65,500
72	70.0	186.0	62,200

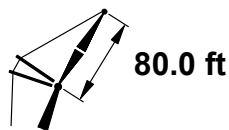
REFER TO

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



80.0 ft			
ft	o	ft	lb
17	83.0	87.3	363,900
18	82.3	87.2	359,400
19	81.5	87.0	355,000
20	80.8	86.8	350,900
22	79.4	86.4	335,900
24	77.9	85.9	307,100
26	76.4	85.4	282,500
28	74.9	84.8	261,100
30	73.4	84.2	242,400
32	71.9	83.5	225,800
34	70.4	82.8	211,200
36	68.8	82.0	196,800
38	67.3	81.1	180,000
40	65.7	80.2	165,400
42	64.1	79.2	152,700

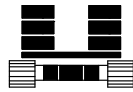
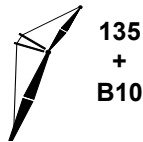
90.0 ft			
ft	o	ft	lb
19	82.5	97.1	325,200
20	81.8	97.0	321,400
22	80.6	96.6	313,900
24	79.3	96.2	306,900
26	77.9	95.7	282,300
28	76.6	95.2	260,900
30	75.3	94.7	242,200
32	74.0	94.1	225,700
34	72.6	93.4	211,000
36	71.3	92.7	197,500
38	69.9	91.9	180,600
40	68.6	91.1	166,100
42	67.2	90.3	153,300
44	65.8	89.3	142,000
46	64.3	88.3	132,000

100.0 ft			
ft	o	ft	lb
20	82.7	107.1	311,500
22	81.5	106.8	304,600
24	80.3	106.4	298,100
26	79.2	106.0	282,600
28	78.0	105.5	261,200
30	76.8	105.0	242,500
32	75.6	104.5	226,100
34	74.4	103.9	211,400
36	73.2	103.3	198,300
38	72.0	102.6	181,500
40	70.8	101.9	166,800
42	69.6	101.1	154,100
44	68.3	100.3	142,800
46	67.1	99.4	132,800
48	65.8	98.5	123,800
50	64.6	97.5	115,700

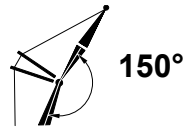
REFER TO SPECIFICATIONS

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



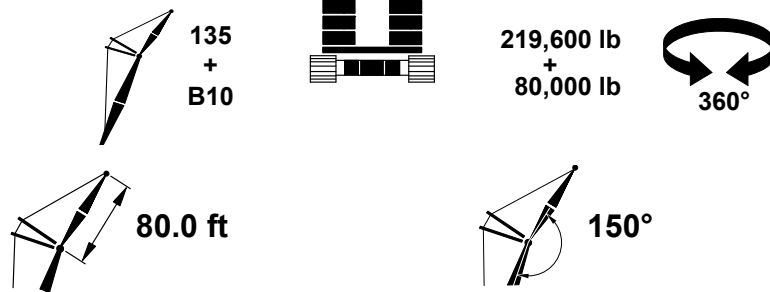
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	286,500
22	82.3	116.9	283,300
24	81.2	116.6	277,300
26	80.2	116.2	271,500
28	79.1	115.8	260,800
30	78.0	115.3	242,100
32	77.0	114.8	225,600
34	75.9	114.3	211,000
36	74.8	113.8	197,900
38	73.7	113.1	181,700
40	72.6	112.5	167,100
42	71.5	111.8	154,300
44	70.4	111.1	143,000
46	69.3	110.3	132,900
48	68.2	109.5	123,900
50	67.0	108.6	115,800
55	64.1	106.2	98,700

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	275,300
24	82.0	126.7	269,800
26	81.0	126.4	264,500
28	80.0	126.0	259,500
30	79.1	125.6	242,200
32	78.1	125.1	225,700
34	77.1	124.7	211,100
36	76.1	124.1	198,000
38	75.1	123.6	182,200
40	74.1	123.0	167,500
42	73.1	122.4	154,700
44	72.1	121.7	143,400
46	71.1	121.0	133,300
48	70.1	120.2	124,300
50	69.1	119.5	116,200
55	66.5	117.3	99,100
59	64.3	115.4	87,900

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	252,700
26	81.7	136.5	245,100
28	80.8	136.2	237,700
30	79.9	135.8	230,700
32	79.0	135.4	223,900
34	78.1	134.9	210,800
36	77.2	134.5	197,700
38	76.3	133.9	182,400
40	75.4	133.4	167,700
42	74.5	132.8	154,900
44	73.5	132.2	143,500
46	72.6	131.6	133,500
48	71.7	130.9	124,400
50	70.7	130.2	116,300
55	68.4	128.2	99,200
60	66.0	126.0	85,500
64	64.0	124.0	76,300

MLC250 S-3

ASME B30.5



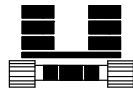
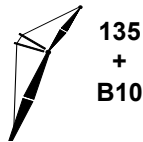
140.0 ft			
ft	°	ft	lb
25	82.7	146.8	242,400
26	82.3	146.6	238,700
28	81.5	146.3	231,400
30	80.6	146.0	224,400
32	79.8	145.6	217,700
34	79.0	145.2	210,800
36	78.1	144.7	197,700
38	77.3	144.3	182,700
40	76.5	143.8	168,000
42	75.6	143.2	155,100
44	74.8	142.7	143,800
46	73.9	142.1	133,700
48	73.0	141.4	124,600
50	72.2	140.8	116,500
55	70.0	139.0	99,400
60	67.8	137.0	85,600
65	65.6	134.7	74,400
68	64.2	133.2	68,600

150.0 ft			
ft	°	ft	lb
26	82.8	156.7	214,700
28	82.0	156.4	208,800
30	81.3	156.1	203,200
32	80.5	155.8	197,700
34	79.7	155.4	192,200
36	78.9	155.0	187,100
38	78.2	154.5	182,100
40	77.4	154.1	167,900
42	76.6	153.6	155,000
44	75.8	153.0	143,700
46	75.0	152.5	133,600
48	74.2	151.9	124,500
50	73.4	151.3	116,400
55	71.4	149.6	99,200
60	69.4	147.8	85,400
65	67.3	145.7	74,100
70	65.2	143.4	64,800
72	64.3	142.4	61,400

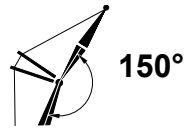
160.0 ft			
ft	°	ft	lb
27	82.9	166.7	202,900
28	82.5	166.5	200,100
30	81.8	166.2	194,600
32	81.1	165.9	189,200
34	80.4	165.6	184,000
36	79.6	165.2	179,000
38	78.9	164.8	174,100
40	78.2	164.3	168,000
42	77.4	163.9	155,100
44	76.7	163.4	143,700
46	76.0	162.9	133,600
48	75.2	162.3	124,500
50	74.5	161.7	116,400
55	72.6	160.2	99,100
60	70.7	158.5	85,400
65	68.8	156.5	74,100
70	66.8	154.4	64,700
75	64.9	152.1	56,700
77	64.1	151.1	53,900

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



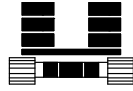
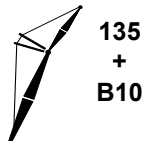
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	186,800
30	82.3	176.4	182,200
32	81.6	176.0	177,700
34	80.9	175.7	173,200
36	80.3	175.4	168,900
38	79.6	175.0	164,800
40	78.9	174.6	160,800
42	78.2	174.1	155,100
44	77.5	173.7	143,600
46	76.8	173.2	133,500
48	76.1	172.7	124,400
50	75.4	172.1	116,300
55	73.7	170.7	99,000
60	71.9	169.1	85,200
65	70.1	167.3	73,900
70	68.3	165.3	64,500
75	66.4	163.1	56,600
80	64.6	160.8	49,700
81	64.2	160.3	48,500

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	173,100
32	82.1	186.2	168,800
34	81.5	185.8	164,500
36	80.8	185.5	160,300
38	80.2	185.2	156,400
40	79.5	184.8	152,400
42	78.9	184.4	148,700
44	78.2	183.9	143,600
46	77.6	183.5	133,400
48	76.9	183.0	124,400
50	76.2	182.5	116,200
55	74.6	181.1	98,900
60	72.9	179.6	85,100
65	71.3	177.9	73,800
70	69.6	176.1	64,400
75	67.8	174.0	56,400
80	66.1	171.8	49,600
85	64.3	169.4	43,700

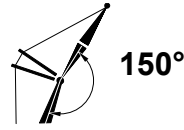
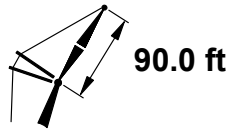
190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	118,000
50	77.0	192.8	116,700
55	75.4	191.5	99,400
60	73.9	190.1	85,600
65	72.3	188.5	74,200
70	70.7	186.7	64,800
75	69.1	184.8	56,800
80	67.4	182.8	50,000
85	65.8	180.5	44,000
90	64.1	178.1	38,800

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



80.0 ft			
ft	o	ft	lb
17	83.0	87.3	360,600
18	82.3	87.2	356,100
19	81.5	87.0	351,700
20	80.8	86.8	347,500
22	79.4	86.4	333,300
24	77.9	85.9	304,600
26	76.4	85.4	280,000
28	74.9	84.8	258,700
30	73.4	84.2	240,100
32	71.9	83.5	223,600
34	70.4	82.8	209,000
36	68.8	82.0	193,900
38	67.3	81.1	177,200
40	65.7	80.2	162,800
42	64.1	79.2	150,200

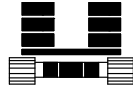
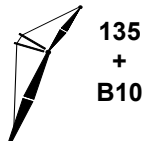
90.0 ft			
ft	o	ft	lb
19	82.5	97.1	322,200
20	81.8	97.0	318,400
22	80.6	96.6	310,900
24	79.3	96.2	303,900
26	77.9	95.7	279,900
28	76.6	95.2	258,600
30	75.3	94.7	240,000
32	74.0	94.1	223,500
34	72.6	93.4	208,900
36	71.3	92.7	194,700
38	69.9	91.9	178,000
40	68.6	91.1	163,500
42	67.2	90.3	150,800
44	65.8	89.3	139,600
46	64.3	88.3	129,700

100.0 ft			
ft	o	ft	lb
20	82.7	107.1	308,600
22	81.5	106.8	301,700
24	80.3	106.4	295,200
26	79.2	106.0	280,200
28	78.0	105.5	259,000
30	76.8	105.0	240,400
32	75.6	104.5	223,900
34	74.4	103.9	209,300
36	73.2	103.3	195,600
38	72.0	102.6	178,900
40	70.8	101.9	164,400
42	69.6	101.1	151,700
44	68.3	100.3	140,500
46	67.1	99.4	130,500
48	65.8	98.5	121,600
50	64.6	97.5	113,600

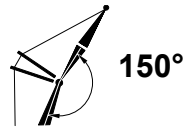
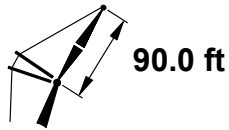
REFER TO SPECIFICATIONS

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	283,900
22	82.3	116.9	280,700
24	81.2	116.6	274,700
26	80.2	116.2	268,900
28	79.1	115.8	258,600
30	78.0	115.3	240,000
32	77.0	114.8	223,600
34	75.9	114.3	209,000
36	74.8	113.8	195,900
38	73.7	113.1	179,200
40	72.6	112.5	164,700
42	71.5	111.8	151,900
44	70.4	111.1	140,700
46	69.3	110.3	130,700
48	68.2	109.5	121,800
50	67.0	108.6	113,800
55	64.1	106.2	96,800

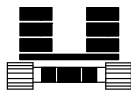
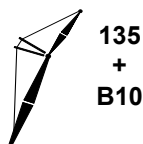
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	273,000
24	82.0	126.7	267,400
26	81.0	126.4	262,200
28	80.0	126.0	257,100
30	79.1	125.6	240,100
32	78.1	125.1	223,700
34	77.1	124.7	209,100
36	76.1	124.1	196,000
38	75.1	123.6	179,700
40	74.1	123.0	165,100
42	73.1	122.4	152,400
44	72.1	121.7	141,100
46	71.1	121.0	131,200
48	70.1	120.2	122,200
50	69.1	119.5	114,200
55	66.5	117.3	97,200
59	64.3	115.4	86,100

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	250,900
26	81.7	136.5	243,300
28	80.8	136.2	236,000
30	79.9	135.8	228,900
32	79.0	135.4	222,200
34	78.1	134.9	208,900
36	77.2	134.5	195,800
38	76.3	133.9	180,000
40	75.4	133.4	165,400
42	74.5	132.8	152,600
44	73.5	132.2	141,400
46	72.6	131.6	131,400
48	71.7	130.9	122,400
50	70.7	130.2	114,400
55	68.4	128.2	97,300
60	66.0	126.0	83,700
64	64.0	124.0	74,600

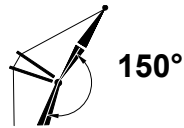
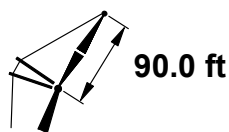
REFERENCE ONLY

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



140.0 ft

	ft	°	ft	lb
25	82.7		146.8	240,600
26	82.3		146.6	236,900
28	81.5		146.3	229,600
30	80.6		146.0	222,600
32	79.8		145.6	215,900
34	79.0		145.2	208,900
36	78.1		144.7	195,800
38	77.3		144.3	180,300
40	76.5		143.8	165,700
42	75.6		143.2	152,900
44	74.8		142.7	141,600
46	73.9		142.1	131,600
48	73.0		141.4	122,600
50	72.2		140.8	114,600
55	70.0		139.0	97,500
60	67.8		137.0	83,900
65	65.6		134.7	72,800
68	64.2		133.2	67,000

150.0 ft

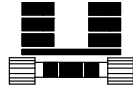
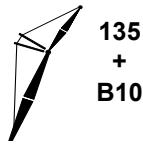
	ft	°	ft	lb
26	82.8		156.7	213,000
28	82.0		156.4	207,100
30	81.3		156.1	201,400
32	80.5		155.8	195,900
34	79.7		155.4	190,600
36	78.9		155.0	185,400
38	78.2		154.5	180,300
40	77.4		154.1	165,700
42	76.6		153.6	152,900
44	75.8		153.0	141,600
46	75.0		152.5	131,500
48	74.2		151.9	122,500
50	73.4		151.3	114,500
55	71.4		149.6	97,400
60	69.4		147.8	83,700
65	67.3		145.7	72,500
70	65.2		143.4	63,200
72	64.3		142.4	59,900

160.0 ft

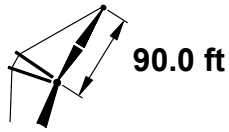
	ft	°	ft	lb
27	82.9		166.7	201,200
28	82.5		166.5	198,400
30	81.8		166.2	192,900
32	81.1		165.9	187,500
34	80.4		165.6	182,400
36	79.6		165.2	177,300
38	78.9		164.8	172,400
40	78.2		164.3	165,800
42	77.4		163.9	152,900
44	76.7		163.4	141,600
46	76.0		162.9	131,600
48	75.2		162.3	122,600
50	74.5		161.7	114,500
55	72.6		160.2	97,400
60	70.7		158.5	83,700
65	68.8		156.5	72,500
70	66.8		154.4	63,200
75	64.9		152.1	55,300
77	64.1		151.1	52,500

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



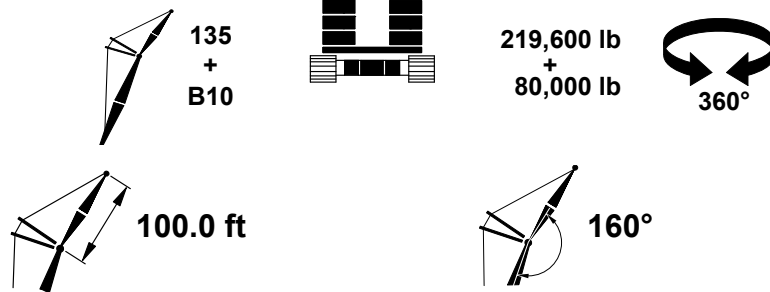
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	185,200
30	82.3	176.4	180,600
32	81.6	176.0	176,100
34	80.9	175.7	171,600
36	80.3	175.4	167,300
38	79.6	175.0	163,200
40	78.9	174.6	159,200
42	78.2	174.1	152,900
44	77.5	173.7	141,600
46	76.8	173.2	131,500
48	76.1	172.7	122,500
50	75.4	172.1	114,400
55	73.7	170.7	97,300
60	71.9	169.1	83,600
65	70.1	167.3	72,400
70	68.3	165.3	63,100
75	66.4	163.1	55,100
80	64.6	160.8	48,400
81	64.2	160.3	47,100

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	171,500
32	82.1	186.2	167,200
34	81.5	185.8	162,900
36	80.8	185.5	158,800
38	80.2	185.2	154,800
40	79.5	184.8	150,900
42	78.9	184.4	147,100
44	78.2	183.9	141,600
46	77.6	183.5	131,500
48	76.9	183.0	122,500
50	76.2	182.5	114,300
55	74.6	181.1	97,200
60	72.9	179.6	83,500
65	71.3	177.9	72,300
70	69.6	176.1	62,900
75	67.8	174.0	55,000
80	66.1	171.8	48,200
85	64.3	169.4	42,400

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	118,000
50	77.0	192.8	114,900
55	75.4	191.5	97,700
60	73.9	190.1	84,000
65	72.3	188.5	72,700
70	70.7	186.7	63,300
75	69.1	184.8	55,400
80	67.4	182.8	48,600
85	65.8	180.5	42,700
90	64.1	178.1	37,600

MLC250 S-3

ASME B30.5



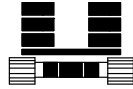
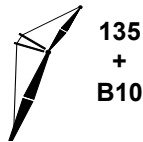
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	363,100
18	82.3	87.2	358,500
19	81.5	87.0	353,900
20	80.8	86.8	349,600
22	79.4	86.4	334,600
24	77.9	85.9	305,600
26	76.4	85.4	280,800
28	74.9	84.8	259,300
30	73.4	84.2	240,500
32	71.9	83.5	223,800
34	70.4	82.8	209,100
36	68.8	82.0	194,100
38	67.3	81.1	177,200
40	65.7	80.2	162,600
42	64.1	79.2	149,800
44	62.5	78.1	138,600
46	60.8	76.9	128,500
48	59.1	75.7	119,500
50	57.4	74.4	111,400

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	324,300
20	81.8	97.0	320,300
22	80.6	96.6	312,700
24	79.3	96.2	305,500
26	77.9	95.7	280,800
28	76.6	95.2	259,300
30	75.3	94.7	240,500
32	74.0	94.1	223,900
34	72.6	93.4	209,100
36	71.3	92.7	195,100
38	69.9	91.9	178,200
40	68.6	91.1	163,600
42	67.2	90.3	150,700
44	65.8	89.3	139,400
46	64.3	88.3	129,400
48	62.9	87.3	120,400
50	61.4	86.2	112,300
55	57.7	83.1	95,100

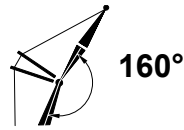
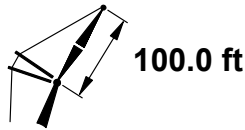
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	310,600
22	81.5	106.8	303,500
24	80.3	106.4	296,800
26	79.2	106.0	281,300
28	78.0	105.5	259,800
30	76.8	105.0	241,000
32	75.6	104.5	224,400
34	74.4	103.9	209,700
36	73.2	103.3	196,200
38	72.0	102.6	179,300
40	70.8	101.9	164,600
42	69.6	101.1	151,800
44	68.3	100.3	140,500
46	67.1	99.4	130,400
48	65.8	98.5	121,400
50	64.6	97.5	113,300
55	61.3	94.8	96,100
60	57.9	91.7	82,400
61	57.2	91.1	80,000

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



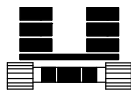
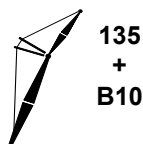
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	285,600
22	82.3	116.9	282,400
24	81.2	116.6	276,200
26	80.2	116.2	270,200
28	79.1	115.8	259,500
30	78.0	115.3	240,700
32	77.0	114.8	224,200
34	75.9	114.3	209,400
36	74.8	113.8	196,300
38	73.7	113.1	179,800
40	72.6	112.5	165,100
42	71.5	111.8	152,200
44	70.4	111.1	140,900
46	69.3	110.3	130,800
48	68.2	109.5	121,700
50	67.0	108.6	113,600
55	64.1	106.2	96,400
60	61.2	103.5	82,700
65	58.1	100.4	71,400
66	57.5	99.8	69,400

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	274,300
24	82.0	126.7	268,700
26	81.0	126.4	263,300
28	80.0	126.0	258,200
30	79.1	125.6	240,900
32	78.1	125.1	224,300
34	77.1	124.7	209,600
36	76.1	124.1	196,400
38	75.1	123.6	180,400
40	74.1	123.0	165,700
42	73.1	122.4	152,800
44	72.1	121.7	141,400
46	71.1	121.0	131,300
48	70.1	120.2	122,200
50	69.1	119.5	114,100
55	66.5	117.3	96,900
60	63.8	114.9	83,100
65	61.1	112.1	71,900
70	58.3	109.1	62,500
72	57.1	107.8	59,200

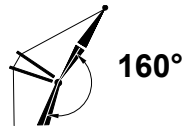
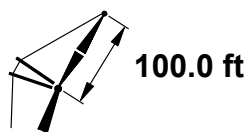
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	251,800
26	81.7	136.5	244,100
28	80.8	136.2	236,700
30	79.9	135.8	229,600
32	79.0	135.4	222,800
34	78.1	134.9	209,500
36	77.2	134.5	196,300
38	76.3	133.9	180,800
40	75.4	133.4	166,000
42	74.5	132.8	153,100
44	73.5	132.2	141,700
46	72.6	131.6	131,600
48	71.7	130.9	122,600
50	70.7	130.2	114,400
55	68.4	128.2	97,200
60	66.0	126.0	83,400
65	63.5	123.5	72,100
70	61.0	120.8	62,700
75	58.4	117.8	54,700
77	57.4	116.5	51,900

MLC250 S-3

ASME B30.5



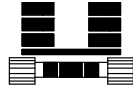
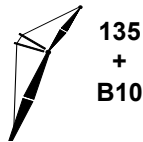
219,600 lb
+
80,000 lb



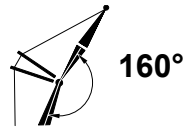
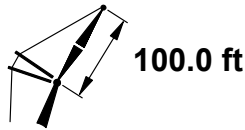
140.0 ft			
ft	°	ft	lb
25	82.7	146.8	241,500
26	82.3	146.6	237,700
28	81.5	146.3	230,400
30	80.6	146.0	223,300
32	79.8	145.6	216,600
34	79.0	145.2	209,500
36	78.1	144.7	196,400
38	77.3	144.3	181,200
40	76.5	143.8	166,400
42	75.6	143.2	153,500
44	74.8	142.7	142,100
46	73.9	142.1	131,900
48	73.0	141.4	122,900
50	72.2	140.8	114,700
55	70.0	139.0	97,500
60	67.8	137.0	83,700
65	65.6	134.7	72,400
70	63.3	132.2	63,000
75	60.9	129.5	55,000
80	58.5	126.4	48,200
83	57.1	124.5	44,500

150.0 ft			
ft	°	ft	lb
26	82.8	156.7	213,800
28	82.0	156.4	207,900
30	81.3	156.1	202,100
32	80.5	155.8	196,600
34	79.7	155.4	191,200
36	78.9	155.0	185,900
38	78.2	154.5	180,900
40	77.4	154.1	166,500
42	76.6	153.6	153,500
44	75.8	153.0	142,100
46	75.0	152.5	131,900
48	74.2	151.9	122,900
50	73.4	151.3	114,700
55	71.4	149.6	97,400
60	69.4	147.8	83,600
65	67.3	145.7	72,300
70	65.2	143.4	62,800
75	63.0	140.9	54,800
80	60.9	138.1	48,000
85	58.6	135.1	42,100
88	57.3	133.2	38,900

160.0 ft			
ft	°	ft	lb
27	82.9	166.7	201,900
28	82.5	166.5	199,100
30	81.8	166.2	193,600
32	81.1	165.9	188,200
34	80.4	165.6	182,900
36	79.6	165.2	177,800
38	78.9	164.8	172,900
40	78.2	164.3	166,600
42	77.4	163.9	153,700
44	76.7	163.4	142,200
46	76.0	162.9	132,100
48	75.2	162.3	122,900
50	74.5	161.7	114,800
55	72.6	160.2	97,500
60	70.7	158.5	83,600
65	68.8	156.5	72,300
70	66.8	154.4	62,900
75	64.9	152.1	54,900
80	62.9	149.5	48,000
85	60.8	146.8	42,100
90	58.7	143.8	36,900
94	57.0	141.2	33,100



219,600 lb
+
80,000 lb



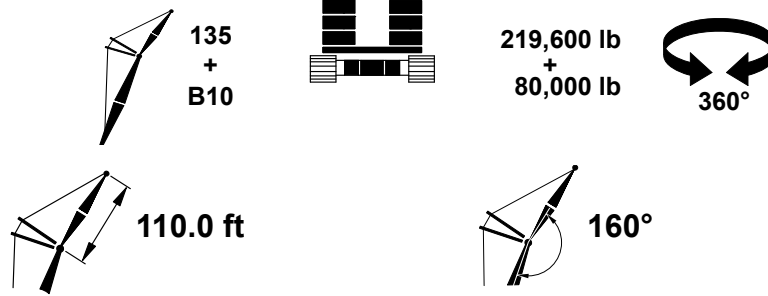
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	185,800
30	82.3	176.4	181,200
32	81.6	176.0	176,700
34	80.9	175.7	172,100
36	80.3	175.4	167,800
38	79.6	175.0	163,700
40	78.9	174.6	159,600
42	78.2	174.1	153,700
44	77.5	173.7	142,300
46	76.8	173.2	132,100
48	76.1	172.7	123,000
50	75.4	172.1	114,800
55	73.7	170.7	97,400
60	71.9	169.1	83,600
65	70.1	167.3	72,200
70	68.3	165.3	62,800
75	66.4	163.1	54,800
80	64.6	160.8	47,900
85	62.7	158.2	42,000
90	60.8	155.4	36,800
95	58.8	152.4	32,200
99	57.2	149.9	28,900

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	172,100
32	82.1	186.2	167,800
34	81.5	185.8	163,400
36	80.8	185.5	159,200
38	80.2	185.2	155,200
40	79.5	184.8	151,300
42	78.9	184.4	147,500
44	78.2	183.9	142,300
46	77.6	183.5	132,100
48	76.9	183.0	122,900
50	76.2	182.5	114,700
55	74.6	181.1	97,400
60	72.9	179.6	83,500
65	71.3	177.9	72,200
70	69.6	176.1	62,700
75	67.8	174.0	54,700
80	66.1	171.8	47,800
85	64.3	169.4	41,900
90	62.5	166.9	36,700
95	60.7	164.1	32,100
100	58.9	161.1	28,000
104	57.4	158.5	25,000

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	118,000
50	77.0	192.8	115,300
55	75.4	191.5	97,900
60	73.9	190.1	84,000
65	72.3	188.5	72,700
70	70.7	186.7	63,200
75	69.1	184.8	55,100
80	67.4	182.8	48,300
85	65.8	180.5	42,300
90	64.1	178.1	37,100
95	62.4	175.5	32,500
100	60.7	172.7	28,400
105	58.9	169.8	24,600
110	57.1	166.6	20,800

MLC250 S-3

ASME B30.5



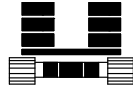
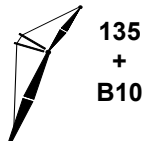
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	360,300
18	82.3	87.2	355,600
19	81.5	87.0	351,000
20	80.8	86.8	346,600
22	79.4	86.4	332,800
24	77.9	85.9	303,900
26	76.4	85.4	279,100
28	74.9	84.8	257,700
30	73.4	84.2	238,900
32	71.9	83.5	222,300
34	70.4	82.8	207,600
36	68.8	82.0	192,000
38	67.3	81.1	175,200
40	65.7	80.2	160,700
42	64.1	79.2	148,000
44	62.5	78.1	136,700
46	60.8	76.9	126,800
48	59.1	75.7	117,800
50	57.4	74.4	109,800

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	321,700
20	81.8	97.0	317,700
22	80.6	96.6	310,100
24	79.3	96.2	302,800
26	77.9	95.7	279,200
28	76.6	95.2	257,800
30	75.3	94.7	239,000
32	74.0	94.1	222,400
34	72.6	93.4	207,700
36	71.3	92.7	193,100
38	69.9	91.9	176,300
40	68.6	91.1	161,700
42	67.2	90.3	149,000
44	65.8	89.3	137,700
46	64.3	88.3	127,700
48	62.9	87.3	118,800
50	61.4	86.2	110,700
55	57.7	83.1	93,700

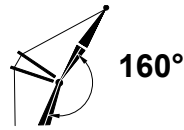
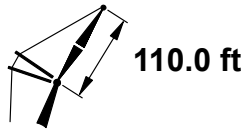
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	308,000
22	81.5	106.8	300,900
24	80.3	106.4	294,200
26	79.2	106.0	279,700
28	78.0	105.5	258,300
30	76.8	105.0	239,600
32	75.6	104.5	223,000
34	74.4	103.9	208,300
36	73.2	103.3	194,300
38	72.0	102.6	177,400
40	70.8	101.9	162,900
42	69.6	101.1	150,100
44	68.3	100.3	138,800
46	67.1	99.4	128,800
48	65.8	98.5	119,800
50	64.6	97.5	111,800
55	61.3	94.8	94,700
60	57.9	91.7	81,100
61	57.2	91.1	78,700

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



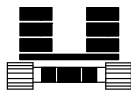
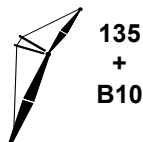
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	283,300
22	82.3	116.9	280,100
24	81.2	116.6	273,800
26	80.2	116.2	267,900
28	79.1	115.8	258,100
30	78.0	115.3	239,300
32	77.0	114.8	222,800
34	75.9	114.3	208,100
36	74.8	113.8	194,900
38	73.7	113.1	178,000
40	72.6	112.5	163,400
42	71.5	111.8	150,600
44	70.4	111.1	139,300
46	69.3	110.3	129,200
48	68.2	109.5	120,200
50	67.0	108.6	112,200
55	64.1	106.2	95,100
60	61.2	103.5	81,400
65	58.1	100.4	70,200
66	57.5	99.8	68,200

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	272,300
24	82.0	126.7	266,600
26	81.0	126.4	261,200
28	80.0	126.0	256,100
30	79.1	125.6	239,500
32	78.1	125.1	223,000
34	77.1	124.7	208,300
36	76.1	124.1	195,200
38	75.1	123.6	178,700
40	74.1	123.0	164,000
42	73.1	122.4	151,200
44	72.1	121.7	139,900
46	71.1	121.0	129,800
48	70.1	120.2	120,800
50	69.1	119.5	112,700
55	66.5	117.3	95,600
60	63.8	114.9	81,900
65	61.1	112.1	70,700
70	58.3	109.1	61,400
72	57.1	107.8	58,100

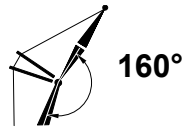
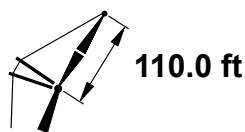
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	250,200
26	81.7	136.5	242,500
28	80.8	136.2	235,100
30	79.9	135.8	228,100
32	79.0	135.4	221,200
34	78.1	134.9	208,200
36	77.2	134.5	195,100
38	76.3	133.9	179,100
40	75.4	133.4	164,400
42	74.5	132.8	151,600
44	73.5	132.2	140,300
46	72.6	131.6	130,200
48	71.7	130.9	121,200
50	70.7	130.2	113,100
55	68.4	128.2	95,900
60	66.0	126.0	82,200
65	63.5	123.5	71,000
70	61.0	120.8	61,600
75	58.4	117.8	53,700
77	57.4	116.5	50,900

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



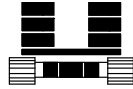
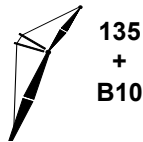
140.0 ft			
ft	°	ft	lb
25	82.7	146.8	239,800
26	82.3	146.6	236,100
28	81.5	146.3	228,800
30	80.6	146.0	221,800
32	79.8	145.6	215,000
34	79.0	145.2	208,300
36	78.1	144.7	195,200
38	77.3	144.3	179,500
40	76.5	143.8	164,800
42	75.6	143.2	152,000
44	74.8	142.7	140,600
46	73.9	142.1	130,600
48	73.0	141.4	121,500
50	72.2	140.8	113,400
55	70.0	139.0	96,300
60	67.8	137.0	82,500
65	65.6	134.7	71,300
70	63.3	132.2	62,000
75	60.9	129.5	54,000
80	58.5	126.4	47,200
83	57.1	124.5	43,600

150.0 ft			
ft	°	ft	lb
26	82.8	156.7	212,300
28	82.0	156.4	206,300
30	81.3	156.1	200,600
32	80.5	155.8	195,000
34	79.7	155.4	189,700
36	78.9	155.0	184,400
38	78.2	154.5	179,400
40	77.4	154.1	165,000
42	76.6	153.6	152,100
44	75.8	153.0	140,700
46	75.0	152.5	130,600
48	74.2	151.9	121,500
50	73.4	151.3	113,400
55	71.4	149.6	96,200
60	69.4	147.8	82,500
65	67.3	145.7	71,200
70	65.2	143.4	61,800
75	63.0	140.9	53,900
80	60.9	138.1	47,100
85	58.6	135.1	41,200
88	57.3	133.2	38,000

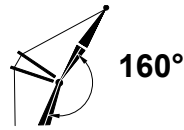
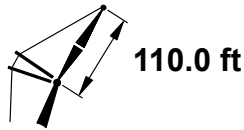
160.0 ft			
ft	°	ft	lb
27	82.9	166.7	200,500
28	82.5	166.5	197,700
30	81.8	166.2	192,100
32	81.1	165.9	186,700
34	80.4	165.6	181,400
36	79.6	165.2	176,300
38	78.9	164.8	171,400
40	78.2	164.3	165,100
42	77.4	163.9	152,200
44	76.7	163.4	140,800
46	76.0	162.9	130,700
48	75.2	162.3	121,700
50	74.5	161.7	113,500
55	72.6	160.2	96,300
60	70.7	158.5	82,500
65	68.8	156.5	71,300
70	66.8	154.4	61,900
75	64.9	152.1	53,900
80	62.9	149.5	47,100
85	60.8	146.8	41,200
90	58.7	143.8	36,000
94	57.0	141.2	32,300

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



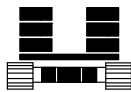
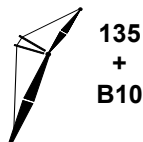
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	184,400
30	82.3	176.4	179,700
32	81.6	176.0	175,200
34	80.9	175.7	170,700
36	80.3	175.4	166,400
38	79.6	175.0	162,200
40	78.9	174.6	158,100
42	78.2	174.1	152,300
44	77.5	173.7	140,900
46	76.8	173.2	130,800
48	76.1	172.7	121,700
50	75.4	172.1	113,500
55	73.7	170.7	96,300
60	71.9	169.1	82,500
65	70.1	167.3	71,200
70	68.3	165.3	61,800
75	66.4	163.1	53,900
80	64.6	160.8	47,000
85	62.7	158.2	41,100
90	60.8	155.4	35,900
95	58.8	152.4	31,400
99	57.2	149.9	28,100

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	170,800
32	82.1	186.2	166,300
34	81.5	185.8	162,000
36	80.8	185.5	157,800
38	80.2	185.2	153,800
40	79.5	184.8	149,900
42	78.9	184.4	146,100
44	78.2	183.9	140,900
46	77.6	183.5	130,800
48	76.9	183.0	121,700
50	76.2	182.5	113,500
55	74.6	181.1	96,300
60	72.9	179.6	82,500
65	71.3	177.9	71,200
70	69.6	176.1	61,800
75	67.8	174.0	53,800
80	66.1	171.8	47,000
85	64.3	169.4	41,100
90	62.5	166.9	35,900
95	60.7	164.1	31,300
100	58.9	161.1	27,200
104	57.4	158.5	24,100

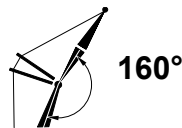
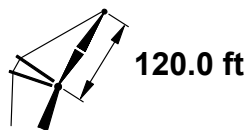
190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	118,000
50	77.0	192.8	114,100
55	75.4	191.5	96,900
60	73.9	190.1	83,000
65	72.3	188.5	71,700
70	70.7	186.7	62,300
75	69.1	184.8	54,300
80	67.4	182.8	47,400
85	65.8	180.5	41,500
90	64.1	178.1	36,300
95	62.4	175.5	31,700
100	60.7	172.7	27,600
105	58.9	169.8	23,700
110	57.1	166.6	19,900

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



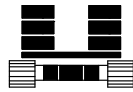
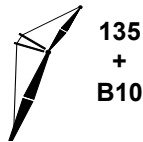
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	356,300
18	82.3	87.2	351,600
19	81.5	87.0	347,000
20	80.8	86.8	342,600
22	79.4	86.4	330,000
24	77.9	85.9	301,100
26	76.4	85.4	276,400
28	74.9	84.8	255,000
30	73.4	84.2	236,300
32	71.9	83.5	219,700
34	70.4	82.8	205,100
36	68.8	82.0	188,700
38	67.3	81.1	172,000
40	65.7	80.2	157,600
42	64.1	79.2	144,900
44	62.5	78.1	133,800
46	60.8	76.9	123,900
48	59.1	75.7	115,000
50	57.4	74.4	107,000

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	318,000
20	81.8	97.0	314,000
22	80.6	96.6	306,300
24	79.3	96.2	299,000
26	77.9	95.7	276,600
28	76.6	95.2	255,200
30	75.3	94.7	236,500
32	74.0	94.1	220,000
34	72.6	93.4	205,300
36	71.3	92.7	189,900
38	69.9	91.9	173,200
40	68.6	91.1	158,800
42	67.2	90.3	146,100
44	65.8	89.3	134,900
46	64.3	88.3	125,000
48	62.9	87.3	116,100
50	61.4	86.2	108,000
55	57.7	83.1	91,100

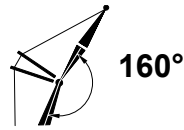
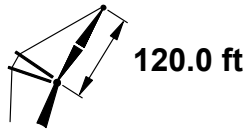
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	304,500
22	81.5	106.8	297,400
24	80.3	106.4	290,600
26	79.2	106.0	277,200
28	78.0	105.5	255,800
30	76.8	105.0	237,100
32	75.6	104.5	220,600
34	74.4	103.9	206,000
36	73.2	103.3	191,200
38	72.0	102.6	174,500
40	70.8	101.9	160,000
42	69.6	101.1	147,300
44	68.3	100.3	136,100
46	67.1	99.4	126,100
48	65.8	98.5	117,200
50	64.6	97.5	109,200
55	61.3	94.8	92,300
60	57.9	91.7	78,700
61	57.2	91.1	76,400

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



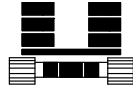
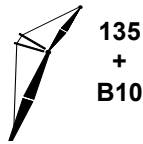
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	280,100
22	82.3	116.9	276,900
24	81.2	116.6	270,600
26	80.2	116.2	264,600
28	79.1	115.8	255,600
30	78.0	115.3	236,900
32	77.0	114.8	220,500
34	75.9	114.3	205,800
36	74.8	113.8	191,900
38	73.7	113.1	175,200
40	72.6	112.5	160,600
42	71.5	111.8	147,900
44	70.4	111.1	136,700
46	69.3	110.3	126,700
48	68.2	109.5	117,700
50	67.0	108.6	109,700
55	64.1	106.2	92,700
60	61.2	103.5	79,100
65	58.1	100.4	68,000
66	57.5	99.8	66,000

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	269,300
24	82.0	126.7	263,700
26	81.0	126.4	258,200
28	80.0	126.0	253,100
30	79.1	125.6	237,200
32	78.1	125.1	220,700
34	77.1	124.7	206,100
36	76.1	124.1	192,700
38	75.1	123.6	175,900
40	74.1	123.0	161,300
42	73.1	122.4	148,600
44	72.1	121.7	137,300
46	71.1	121.0	127,300
48	70.1	120.2	118,400
50	69.1	119.5	110,300
55	66.5	117.3	93,300
60	63.8	114.9	79,700
65	61.1	112.1	68,600
70	58.3	109.1	59,300
72	57.1	107.8	56,000

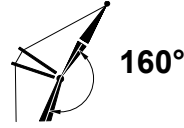
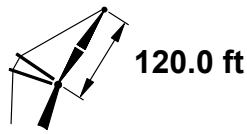
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	248,000
26	81.7	136.5	240,300
28	80.8	136.2	232,800
30	79.9	135.8	225,700
32	79.0	135.4	218,900
34	78.1	134.9	206,000
36	77.2	134.5	192,900
38	76.3	133.9	176,400
40	75.4	133.4	161,800
42	74.5	132.8	149,000
44	73.5	132.2	137,800
46	72.6	131.6	127,800
48	71.7	130.9	118,800
50	70.7	130.2	110,700
55	68.4	128.2	93,700
60	66.0	126.0	80,100
65	63.5	123.5	68,900
70	61.0	120.8	59,600
75	58.4	117.8	51,800
77	57.4	116.5	49,000

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



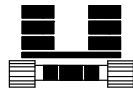
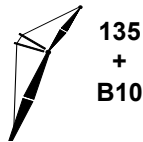
140.0 ft			
ft	°	ft	lb
25	82.7	146.8	237,600
26	82.3	146.6	233,800
28	81.5	146.3	226,500
30	80.6	146.0	219,400
32	79.8	145.6	212,700
34	79.0	145.2	206,100
36	78.1	144.7	193,100
38	77.3	144.3	176,900
40	76.5	143.8	162,300
42	75.6	143.2	149,500
44	74.8	142.7	138,200
46	73.9	142.1	128,200
48	73.0	141.4	119,200
50	72.2	140.8	111,100
55	70.0	139.0	94,100
60	67.8	137.0	80,500
65	65.6	134.7	69,300
70	63.3	132.2	60,000
75	60.9	129.5	52,100
80	58.5	126.4	45,400
83	57.1	124.5	41,800

150.0 ft			
ft	°	ft	lb
26	82.8	156.7	210,100
28	82.0	156.4	204,200
30	81.3	156.1	198,500
32	80.5	155.8	192,900
34	79.7	155.4	187,400
36	78.9	155.0	182,200
38	78.2	154.5	177,100
40	77.4	154.1	162,400
42	76.6	153.6	149,600
44	75.8	153.0	138,300
46	75.0	152.5	128,300
48	74.2	151.9	119,300
50	73.4	151.3	111,200
55	71.4	149.6	94,100
60	69.4	147.8	80,400
65	67.3	145.7	69,200
70	65.2	143.4	59,900
75	63.0	140.9	52,000
80	60.9	138.1	45,300
85	58.6	135.1	39,400
88	57.3	133.2	36,200

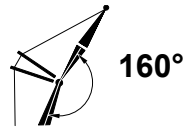
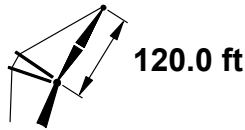
160.0 ft			
ft	°	ft	lb
27	82.9	166.7	198,200
28	82.5	166.5	195,400
30	81.8	166.2	189,900
32	81.1	165.9	184,500
34	80.4	165.6	179,200
36	79.6	165.2	174,100
38	78.9	164.8	169,200
40	78.2	164.3	162,700
42	77.4	163.9	149,800
44	76.7	163.4	138,500
46	76.0	162.9	128,400
48	75.2	162.3	119,400
50	74.5	161.7	111,300
55	72.6	160.2	94,200
60	70.7	158.5	80,500
65	68.8	156.5	69,300
70	66.8	154.4	60,000
75	64.9	152.1	52,100
80	62.9	149.5	45,300
85	60.8	146.8	39,500
90	58.7	143.8	34,300
94	57.0	141.2	30,700

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



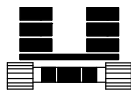
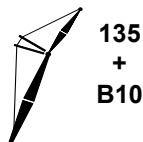
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	182,300
30	82.3	176.4	177,600
32	81.6	176.0	173,100
34	80.9	175.7	168,600
36	80.3	175.4	164,200
38	79.6	175.0	160,000
40	78.9	174.6	156,000
42	78.2	174.1	149,900
44	77.5	173.7	138,600
46	76.8	173.2	128,500
48	76.1	172.7	119,500
50	75.4	172.1	111,400
55	73.7	170.7	94,300
60	71.9	169.1	80,600
65	70.1	167.3	69,300
70	68.3	165.3	60,000
75	66.4	163.1	52,100
80	64.6	160.8	45,300
85	62.7	158.2	39,400
90	60.8	155.4	34,300
95	58.8	152.4	29,700
99	57.2	149.9	26,500

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	168,600
32	82.1	186.2	164,300
34	81.5	185.8	159,900
36	80.8	185.5	155,700
38	80.2	185.2	151,700
40	79.5	184.8	147,700
42	78.9	184.4	143,900
44	78.2	183.9	138,700
46	77.6	183.5	128,600
48	76.9	183.0	119,600
50	76.2	182.5	111,400
55	74.6	181.1	94,300
60	72.9	179.6	80,600
65	71.3	177.9	69,300
70	69.6	176.1	60,000
75	67.8	174.0	52,100
80	66.1	171.8	45,300
85	64.3	169.4	39,400
90	62.5	166.9	34,200
95	60.7	164.1	29,700
100	58.9	161.1	25,400
104	57.4	158.5	22,100

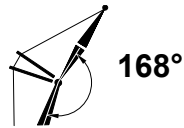
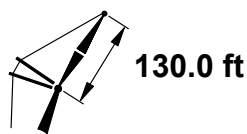
190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	118,000
50	77.0	192.8	112,100
55	75.4	191.5	94,900
60	73.9	190.1	81,100
65	72.3	188.5	69,900
70	70.7	186.7	60,500
75	69.1	184.8	52,500
80	67.4	182.8	45,700
85	65.8	180.5	39,800
90	64.1	178.1	34,700
95	62.4	175.5	30,100
100	60.7	172.7	25,800
105	58.9	169.8	21,600
110	57.1	166.6	17,900

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



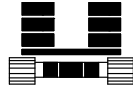
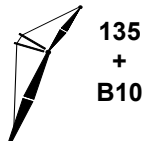
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	361,600
18	82.3	87.2	356,700
19	81.5	87.0	351,900
20	80.8	86.8	347,300
22	79.4	86.4	332,900
24	77.9	85.9	303,600
26	76.4	85.4	278,600
28	74.9	84.8	256,900
30	73.4	84.2	237,900
32	71.9	83.5	221,100
34	70.4	82.8	206,200
36	68.8	82.0	190,300
38	67.3	81.1	173,400
40	65.7	80.2	158,700
42	64.1	79.2	145,800
44	62.5	78.1	134,400
46	60.8	76.9	124,400
48	59.1	75.7	115,300
50	57.4	74.4	107,200
55	53.0	70.7	90,000
57	51.1	69.0	84,100

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	322,600
20	81.8	97.0	318,400
22	80.6	96.6	310,400
24	79.3	96.2	302,900
26	77.9	95.7	278,900
28	76.6	95.2	257,200
30	75.3	94.7	238,200
32	74.0	94.1	221,500
34	72.6	93.4	206,600
36	71.3	92.7	191,800
38	69.9	91.9	174,800
40	68.6	91.1	160,100
42	67.2	90.3	147,200
44	65.8	89.3	135,800
46	64.3	88.3	125,700
48	62.9	87.3	116,600
50	61.4	86.2	108,500
55	57.7	83.1	91,300
60	53.8	79.5	77,500
63	51.3	77.0	70,400

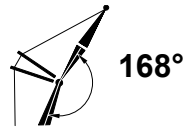
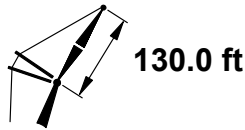
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	308,900
22	81.5	106.8	301,500
24	80.3	106.4	294,500
26	79.2	106.0	279,600
28	78.0	105.5	257,900
30	76.8	105.0	239,000
32	75.6	104.5	222,300
34	74.4	103.9	207,400
36	73.2	103.3	193,300
38	72.0	102.6	176,300
40	70.8	101.9	161,500
42	69.6	101.1	148,600
44	68.3	100.3	137,200
46	67.1	99.4	127,100
48	65.8	98.5	118,000
50	64.6	97.5	109,900
55	61.3	94.8	92,600
60	57.9	91.7	78,800
65	54.4	88.2	67,500
69	51.5	85.1	59,900

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



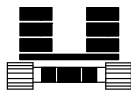
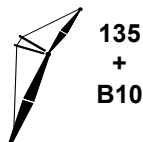
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	283,900
22	82.3	116.9	280,600
24	81.2	116.6	274,200
26	80.2	116.2	268,000
28	79.1	115.8	257,900
30	78.0	115.3	238,900
32	77.0	114.8	222,200
34	75.9	114.3	207,400
36	74.8	113.8	194,100
38	73.7	113.1	177,100
40	72.6	112.5	162,300
42	71.5	111.8	149,400
44	70.4	111.1	137,900
46	69.3	110.3	127,800
48	68.2	109.5	118,700
50	67.0	108.6	110,500
55	64.1	106.2	93,200
60	61.2	103.5	79,400
65	58.1	100.4	68,100
70	55.0	97.0	58,600
75	51.7	93.1	50,600

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	272,600
24	82.0	126.7	266,800
26	81.0	126.4	261,200
28	80.0	126.0	255,900
30	79.1	125.6	239,300
32	78.1	125.1	222,600
34	77.1	124.7	207,800
36	76.1	124.1	194,500
38	75.1	123.6	178,000
40	74.1	123.0	163,200
42	73.1	122.4	150,200
44	72.1	121.7	138,800
46	71.1	121.0	128,600
48	70.1	120.2	119,500
50	69.1	119.5	111,300
55	66.5	117.3	94,000
60	63.8	114.9	80,100
65	61.1	112.1	68,800
70	58.3	109.1	59,400
75	55.4	105.7	51,400
80	52.4	101.9	44,500
82	51.2	100.3	42,000

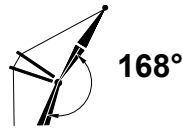
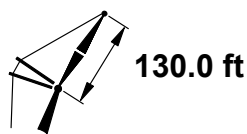
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	250,200
26	81.7	136.5	242,400
28	80.8	136.2	234,900
30	79.9	135.8	227,700
32	79.0	135.4	220,800
34	78.1	134.9	207,800
36	77.2	134.5	194,500
38	76.3	133.9	178,600
40	75.4	133.4	163,700
42	74.5	132.8	150,800
44	73.5	132.2	139,300
46	72.6	131.6	129,100
48	71.7	130.9	120,000
50	70.7	130.2	111,800
55	68.4	128.2	94,500
60	66.0	126.0	80,600
65	63.5	123.5	69,300
70	61.0	120.8	59,800
75	58.4	117.8	51,800
80	55.8	114.4	44,900
85	53.0	110.7	38,900
88	51.3	108.3	35,700

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



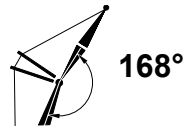
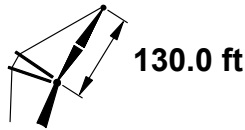
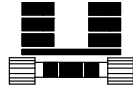
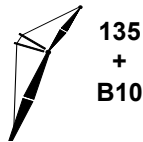
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	239,800
26	82.3	146.6	236,000
28	81.5	146.3	228,600
30	80.6	146.0	221,500
32	79.8	145.6	214,600
34	79.0	145.2	207,900
36	78.1	144.7	194,700
38	77.3	144.3	179,100
40	76.5	143.8	164,300
42	75.6	143.2	151,300
44	74.8	142.7	139,800
46	73.9	142.1	129,600
48	73.0	141.4	120,500
50	72.2	140.8	112,300
55	70.0	139.0	95,000
60	67.8	137.0	81,100
65	65.6	134.7	69,700
70	63.3	132.2	60,300
75	60.9	129.5	52,200
80	58.5	126.4	45,400
85	56.1	123.1	39,400
90	53.5	119.5	34,200
94	51.5	116.3	30,500

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	212,200
28	82.0	156.4	206,200
30	81.3	156.1	200,300
32	80.5	155.8	194,700
34	79.7	155.4	189,200
36	78.9	155.0	184,000
38	78.2	154.5	178,900
40	77.4	154.1	164,500
42	76.6	153.6	151,500
44	75.8	153.0	140,000
46	75.0	152.5	129,800
48	74.2	151.9	120,700
50	73.4	151.3	112,400
55	71.4	149.6	95,000
60	69.4	147.8	81,100
65	67.3	145.7	69,800
70	65.2	143.4	60,300
75	63.0	140.9	52,200
80	60.9	138.1	45,300
85	58.6	135.1	39,400
90	56.4	131.8	34,100
95	54.0	128.2	29,500
100	51.6	124.3	25,400
101	51.1	123.5	24,600

160.0 ft			
ft	o	ft	lb
27	82.9	166.7	200,300
28	82.5	166.5	197,400
30	81.8	166.2	191,800
32	81.1	165.9	186,400
34	80.4	165.6	181,100
36	79.6	165.2	175,900
38	78.9	164.8	170,900
40	78.2	164.3	164,800
42	77.4	163.9	151,800
44	76.7	163.4	140,300
46	76.0	162.9	130,000
48	75.2	162.3	120,900
50	74.5	161.7	112,600
55	72.6	160.2	95,200
60	70.7	158.5	81,300
65	68.8	156.5	69,900
70	66.8	154.4	60,400
75	64.9	152.1	52,400
80	62.9	149.5	45,500
85	60.8	146.8	39,500
90	58.7	143.8	34,300
95	56.6	140.5	29,700
100	54.4	137.0	25,500
105	52.1	133.1	21,400
107	51.2	131.5	19,800

MLC250 S-3

ASME B30.5



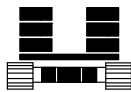
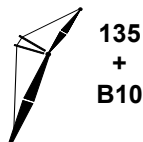
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	184,200
30	82.3	176.4	179,500
32	81.6	176.0	174,900
34	80.9	175.7	170,300
36	80.3	175.4	165,900
38	79.6	175.0	161,700
40	78.9	174.6	157,600
42	78.2	174.1	152,000
44	77.5	173.7	140,400
46	76.8	173.2	130,200
48	76.1	172.7	121,000
50	75.4	172.1	112,800
55	73.7	170.7	95,300
60	71.9	169.1	81,400
65	70.1	167.3	70,000
70	68.3	165.3	60,500
75	66.4	163.1	52,400
80	64.6	160.8	45,500
85	62.7	158.2	39,500
90	60.8	155.4	34,300
95	58.8	152.4	29,700
100	56.8	149.2	25,500
105	54.7	145.7	21,200
110	52.6	141.9	17,300
113	51.3	139.5	15,200

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	170,500
32	82.1	186.2	166,100
34	81.5	185.8	161,700
36	80.8	185.5	157,400
38	80.2	185.2	153,300
40	79.5	184.8	149,400
42	78.9	184.4	145,500
44	78.2	183.9	140,600
46	77.6	183.5	130,300
48	76.9	183.0	121,100
50	76.2	182.5	112,900
55	74.6	181.1	95,400
60	72.9	179.6	81,500
65	71.3	177.9	70,000
70	69.6	176.1	60,500
75	67.8	174.0	52,500
80	66.1	171.8	45,500
85	64.3	169.4	39,600
90	62.5	166.9	34,300
95	60.7	164.1	29,700
100	58.9	161.1	25,300
105	57.0	157.9	21,000
110	55.0	154.4	17,200
115	53.1	150.7	13,700
120	51.0	146.7	10,500

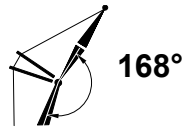
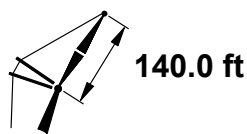
190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	118,000
50	77.0	192.8	113,500
55	75.4	191.5	96,100
60	73.9	190.1	82,100
65	72.3	188.5	70,600
70	70.7	186.7	61,100
75	69.1	184.8	53,000
80	67.4	182.8	46,100
85	65.8	180.5	40,100
90	64.1	178.1	34,800
95	62.4	175.5	30,200
100	60.7	172.7	25,700
105	58.9	169.8	21,500
110	57.1	166.6	17,600
115	55.3	163.1	14,100
120	53.4	159.4	10,900
125	51.5	155.5	8,000
126	51.1	154.7	7,500

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



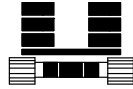
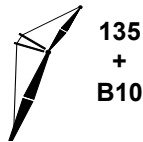
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	358,300
18	82.3	87.2	353,300
19	81.5	87.0	348,500
20	80.8	86.8	344,000
22	79.4	86.4	330,400
24	77.9	85.9	301,200
26	76.4	85.4	276,200
28	74.9	84.8	254,500
30	73.4	84.2	235,500
32	71.9	83.5	218,800
34	70.4	82.8	203,900
36	68.8	82.0	187,200
38	67.3	81.1	170,400
40	65.7	80.2	155,700
42	64.1	79.2	142,900
44	62.5	78.1	131,600
46	60.8	76.9	121,600
48	59.1	75.7	112,600
50	57.4	74.4	104,500
55	53.0	70.7	87,400
57	51.1	69.0	81,500

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	319,500
20	81.8	97.0	315,300
22	80.6	96.6	307,200
24	79.3	96.2	299,700
26	77.9	95.7	276,600
28	76.6	95.2	254,900
30	75.3	94.7	236,000
32	74.0	94.1	219,300
34	72.6	93.4	204,400
36	71.3	92.7	188,900
38	69.9	91.9	172,000
40	68.6	91.1	157,300
42	67.2	90.3	144,500
44	65.8	89.3	133,100
46	64.3	88.3	123,100
48	62.9	87.3	114,100
50	61.4	86.2	105,900
55	57.7	83.1	88,800
60	53.8	79.5	75,100
63	51.3	77.0	68,100

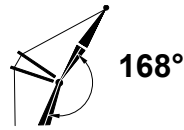
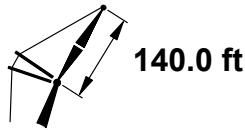
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	305,800
22	81.5	106.8	298,400
24	80.3	106.4	291,400
26	79.2	106.0	277,400
28	78.0	105.5	255,800
30	76.8	105.0	236,800
32	75.6	104.5	220,200
34	74.4	103.9	205,300
36	73.2	103.3	190,500
38	72.0	102.6	173,600
40	70.8	101.9	158,900
42	69.6	101.1	146,000
44	68.3	100.3	134,700
46	67.1	99.4	124,600
48	65.8	98.5	115,600
50	64.6	97.5	107,500
55	61.3	94.8	90,300
60	57.9	91.7	76,500
65	54.4	88.2	65,300
69	51.5	85.1	57,700

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



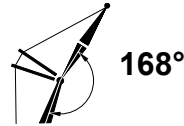
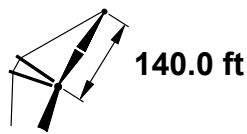
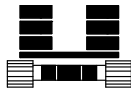
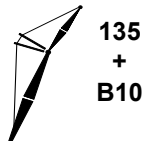
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	281,300
22	82.3	116.9	277,900
24	81.2	116.6	271,300
26	80.2	116.2	265,100
28	79.1	115.8	255,700
30	78.0	115.3	236,800
32	77.0	114.8	220,200
34	75.9	114.3	205,400
36	74.8	113.8	191,500
38	73.7	113.1	174,500
40	72.6	112.5	159,800
42	71.5	111.8	146,900
44	70.4	111.1	135,500
46	69.3	110.3	125,400
48	68.2	109.5	116,400
50	67.0	108.6	108,200
55	64.1	106.2	91,000
60	61.2	103.5	77,200
65	58.1	100.4	66,000
70	55.0	97.0	56,500
75	51.7	93.1	48,600

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	270,100
24	82.0	126.7	264,200
26	81.0	126.4	258,600
28	80.0	126.0	253,300
30	79.1	125.6	237,200
32	78.1	125.1	220,600
34	77.1	124.7	205,800
36	76.1	124.1	192,500
38	75.1	123.6	175,500
40	74.1	123.0	160,700
42	73.1	122.4	147,800
44	72.1	121.7	136,400
46	71.1	121.0	126,300
48	70.1	120.2	117,200
50	69.1	119.5	109,100
55	66.5	117.3	91,800
60	63.8	114.9	78,000
65	61.1	112.1	66,800
70	58.3	109.1	57,300
75	55.4	105.7	49,400
80	52.4	101.9	42,500
82	51.2	100.3	40,100

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	248,300
26	81.7	136.5	240,400
28	80.8	136.2	232,900
30	79.9	135.8	225,700
32	79.0	135.4	218,800
34	78.1	134.9	205,800
36	77.2	134.5	192,600
38	76.3	133.9	176,200
40	75.4	133.4	161,400
42	74.5	132.8	148,500
44	73.5	132.2	137,000
46	72.6	131.6	126,900
48	71.7	130.9	117,800
50	70.7	130.2	109,700
55	68.4	128.2	92,400
60	66.0	126.0	78,600
65	63.5	123.5	67,300
70	61.0	120.8	57,900
75	58.4	117.8	49,900
80	55.8	114.4	43,000
85	53.0	110.7	37,100
88	51.3	108.3	33,900

MLC250 S-3

ASME B30.5



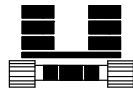
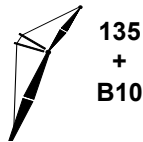
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	237,800
26	82.3	146.6	233,900
28	81.5	146.3	226,500
30	80.6	146.0	219,400
32	79.8	145.6	212,500
34	79.0	145.2	206,000
36	78.1	144.7	192,800
38	77.3	144.3	176,800
40	76.5	143.8	162,000
42	75.6	143.2	149,100
44	74.8	142.7	137,600
46	73.9	142.1	127,500
48	73.0	141.4	118,400
50	72.2	140.8	110,200
55	70.0	139.0	93,000
60	67.8	137.0	79,100
65	65.6	134.7	67,800
70	63.3	132.2	58,400
75	60.9	129.5	50,400
80	58.5	126.4	43,600
85	56.1	123.1	37,600
90	53.5	119.5	32,400
94	51.5	116.3	28,700

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	210,300
28	82.0	156.4	204,200
30	81.3	156.1	198,400
32	80.5	155.8	192,800
34	79.7	155.4	187,300
36	78.9	155.0	181,900
38	78.2	154.5	176,800
40	77.4	154.1	162,300
42	76.6	153.6	149,300
44	75.8	153.0	137,900
46	75.0	152.5	127,700
48	74.2	151.9	118,600
50	73.4	151.3	110,400
55	71.4	149.6	93,100
60	69.4	147.8	79,200
65	67.3	145.7	67,900
70	65.2	143.4	58,400
75	63.0	140.9	50,400
80	60.9	138.1	43,600
85	58.6	135.1	37,600
90	56.4	131.8	32,400
95	54.0	128.2	27,800
100	51.6	124.3	23,500
101	51.1	123.5	22,600

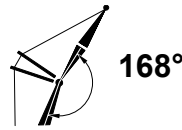
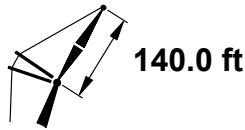
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	198,400
28	82.5	166.5	195,500
30	81.8	166.2	189,900
32	81.1	165.9	184,400
34	80.4	165.6	179,100
36	79.6	165.2	173,900
38	78.9	164.8	169,000
40	78.2	164.3	162,600
42	77.4	163.9	149,700
44	76.7	163.4	138,200
46	76.0	162.9	128,000
48	75.2	162.3	118,900
50	74.5	161.7	110,700
55	72.6	160.2	93,300
60	70.7	158.5	79,500
65	68.8	156.5	68,100
70	66.8	154.4	58,700
75	64.9	152.1	50,600
80	62.9	149.5	43,800
85	60.8	146.8	37,800
90	58.7	143.8	32,600
95	56.6	140.5	28,000
100	54.4	137.0	23,500
105	52.1	133.1	19,200
107	51.2	131.5	17,700

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



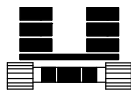
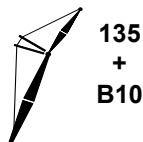
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	182,400
30	82.3	176.4	177,600
32	81.6	176.0	173,000
34	80.9	175.7	168,400
36	80.3	175.4	164,000
38	79.6	175.0	159,800
40	78.9	174.6	155,700
42	78.2	174.1	149,900
44	77.5	173.7	138,400
46	76.8	173.2	128,200
48	76.1	172.7	119,100
50	75.4	172.1	110,800
55	73.7	170.7	93,500
60	71.9	169.1	79,600
65	70.1	167.3	68,200
70	68.3	165.3	58,700
75	66.4	163.1	50,700
80	64.6	160.8	43,800
85	62.7	158.2	37,900
90	60.8	155.4	32,700
95	58.8	152.4	28,100
100	56.8	149.2	23,300
105	54.7	145.7	19,100
110	52.6	141.9	15,300
113	51.3	139.5	13,100

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	168,600
32	82.1	186.2	164,200
34	81.5	185.8	159,800
36	80.8	185.5	155,500
38	80.2	185.2	151,500
40	79.5	184.8	147,400
42	78.9	184.4	143,600
44	78.2	183.9	138,600
46	77.6	183.5	128,300
48	76.9	183.0	119,200
50	76.2	182.5	111,000
55	74.6	181.1	93,600
60	72.9	179.6	79,700
65	71.3	177.9	68,300
70	69.6	176.1	58,800
75	67.8	174.0	50,800
80	66.1	171.8	43,900
85	64.3	169.4	37,900
90	62.5	166.9	32,700
95	60.7	164.1	27,900
100	58.9	161.1	23,200
105	57.0	157.9	19,000
110	55.0	154.4	15,100
115	53.1	150.7	11,700
120	51.0	146.7	8,500

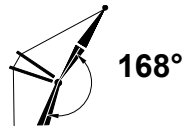
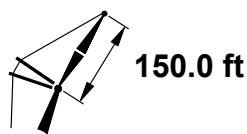
190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	118,000
50	77.0	192.8	111,700
55	75.4	191.5	94,300
60	73.9	190.1	80,300
65	72.3	188.5	68,900
70	70.7	186.7	59,400
75	69.1	184.8	51,400
80	67.4	182.8	44,500
85	65.8	180.5	38,500
90	64.1	178.1	33,300
95	62.4	175.5	28,400
100	60.7	172.7	23,700
105	58.9	169.8	19,400
110	57.1	166.6	15,600
115	55.3	163.1	12,200
120	53.4	159.4	9,000
125	51.5	155.5	6,100
126	51.1	154.7	5,500

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



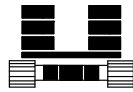
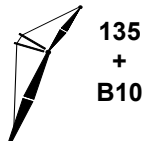
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	355,600
18	82.3	87.2	350,700
19	81.5	87.0	345,900
20	80.8	86.8	341,200
22	79.4	86.4	328,700
24	77.9	85.9	299,500
26	76.4	85.4	274,500
28	74.9	84.8	252,900
30	73.4	84.2	233,900
32	71.9	83.5	217,200
34	70.4	82.8	202,300
36	68.8	82.0	185,000
38	67.3	81.1	168,200
40	65.7	80.2	153,700
42	64.1	79.2	140,900
44	62.5	78.1	129,700
46	60.8	76.9	119,700
48	59.1	75.7	110,700
50	57.4	74.4	102,600
55	53.0	70.7	85,600
57	51.1	69.0	79,800

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	317,100
20	81.8	97.0	312,900
22	80.6	96.6	304,800
24	79.3	96.2	297,100
26	77.9	95.7	275,000
28	76.6	95.2	253,400
30	75.3	94.7	234,500
32	74.0	94.1	217,800
34	72.6	93.4	202,900
36	71.3	92.7	186,900
38	69.9	91.9	170,000
40	68.6	91.1	155,400
42	67.2	90.3	142,600
44	65.8	89.3	131,300
46	64.3	88.3	121,300
48	62.9	87.3	112,300
50	61.4	86.2	104,200
55	57.7	83.1	87,200
60	53.8	79.5	73,500
63	51.3	77.0	66,500

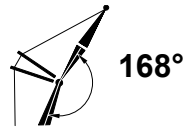
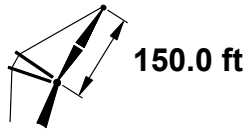
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	303,500
22	81.5	106.8	296,000
24	80.3	106.4	288,900
26	79.2	106.0	275,900
28	78.0	105.5	254,300
30	76.8	105.0	235,400
32	75.6	104.5	218,700
34	74.4	103.9	203,900
36	73.2	103.3	188,600
38	72.0	102.6	171,700
40	70.8	101.9	157,100
42	69.6	101.1	144,300
44	68.3	100.3	133,000
46	67.1	99.4	122,900
48	65.8	98.5	113,900
50	64.6	97.5	105,800
55	61.3	94.8	88,700
60	57.9	91.7	75,100
65	54.4	88.2	63,900
69	51.5	85.1	56,300

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



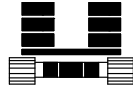
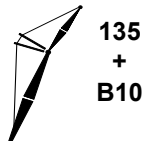
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	279,200
22	82.3	116.9	275,700
24	81.2	116.6	269,200
26	80.2	116.2	262,900
28	79.1	115.8	254,300
30	78.0	115.3	235,400
32	77.0	114.8	218,800
34	75.9	114.3	204,000
36	74.8	113.8	189,600
38	73.7	113.1	172,700
40	72.6	112.5	158,000
42	71.5	111.8	145,200
44	70.4	111.1	133,900
46	69.3	110.3	123,800
48	68.2	109.5	114,800
50	67.0	108.6	106,700
55	64.1	106.2	89,500
60	61.2	103.5	75,800
65	58.1	100.4	64,600
70	55.0	97.0	55,200
75	51.7	93.1	47,300

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	268,200
24	82.0	126.7	262,200
26	81.0	126.4	256,600
28	80.0	126.0	251,200
30	79.1	125.6	235,900
32	78.1	125.1	219,300
34	77.1	124.7	204,500
36	76.1	124.1	190,700
38	75.1	123.6	173,700
40	74.1	123.0	159,100
42	73.1	122.4	146,200
44	72.1	121.7	134,800
46	71.1	121.0	124,800
48	70.1	120.2	115,700
50	69.1	119.5	107,600
55	66.5	117.3	90,400
60	63.8	114.9	76,700
65	61.1	112.1	65,500
70	58.3	109.1	56,100
75	55.4	105.7	48,200
80	52.4	101.9	41,400
82	51.2	100.3	38,900

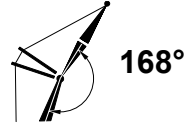
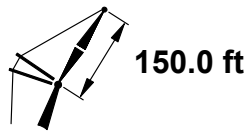
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	246,800
26	81.7	136.5	239,000
28	80.8	136.2	231,400
30	79.9	135.8	224,200
32	79.0	135.4	217,300
34	78.1	134.9	204,600
36	77.2	134.5	191,400
38	76.3	133.9	174,500
40	75.4	133.4	159,800
42	74.5	132.8	146,900
44	73.5	132.2	135,500
46	72.6	131.6	125,400
48	71.7	130.9	116,400
50	70.7	130.2	108,300
55	68.4	128.2	91,100
60	66.0	126.0	77,300
65	63.5	123.5	66,100
70	61.0	120.8	56,700
75	58.4	117.8	48,700
80	55.8	114.4	41,900
85	53.0	110.7	36,000
88	51.3	108.3	32,800

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



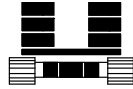
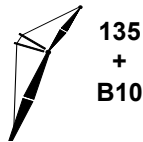
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	236,300
26	82.3	146.6	232,500
28	81.5	146.3	225,100
30	80.6	146.0	217,900
32	79.8	145.6	211,100
34	79.0	145.2	204,400
36	78.1	144.7	191,600
38	77.3	144.3	175,200
40	76.5	143.8	160,500
42	75.6	143.2	147,600
44	74.8	142.7	136,200
46	73.9	142.1	126,100
48	73.0	141.4	117,000
50	72.2	140.8	108,900
55	70.0	139.0	91,700
60	67.8	137.0	77,900
65	65.6	134.7	66,600
70	63.3	132.2	57,200
75	60.9	129.5	49,300
80	58.5	126.4	42,500
85	56.1	123.1	36,600
90	53.5	119.5	31,400
94	51.5	116.3	27,700

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	208,800
28	82.0	156.4	202,800
30	81.3	156.1	197,000
32	80.5	155.8	191,300
34	79.7	155.4	185,800
36	78.9	155.0	180,500
38	78.2	154.5	175,400
40	77.4	154.1	160,800
42	76.6	153.6	147,900
44	75.8	153.0	136,500
46	75.0	152.5	126,300
48	74.2	151.9	117,300
50	73.4	151.3	109,100
55	71.4	149.6	91,800
60	69.4	147.8	78,000
65	67.3	145.7	66,800
70	65.2	143.4	57,300
75	63.0	140.9	49,400
80	60.9	138.1	42,500
85	58.6	135.1	36,600
90	56.4	131.8	31,400
95	54.0	128.2	26,800
100	51.6	124.3	22,200
101	51.1	123.5	21,300

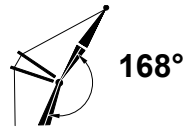
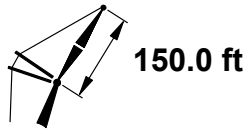
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	197,000
28	82.5	166.5	194,100
30	81.8	166.2	188,500
32	81.1	165.9	183,000
34	80.4	165.6	177,600
36	79.6	165.2	172,500
38	78.9	164.8	167,500
40	78.2	164.3	161,200
42	77.4	163.9	148,200
44	76.7	163.4	136,800
46	76.0	162.9	126,700
48	75.2	162.3	117,600
50	74.5	161.7	109,400
55	72.6	160.2	92,100
60	70.7	158.5	78,300
65	68.8	156.5	67,000
70	66.8	154.4	57,600
75	64.9	152.1	49,600
80	62.9	149.5	42,800
85	60.8	146.8	36,800
90	58.7	143.8	31,700
95	56.6	140.5	27,000
100	54.4	137.0	22,300
105	52.1	133.1	18,100
107	51.2	131.5	16,500

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



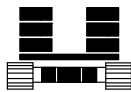
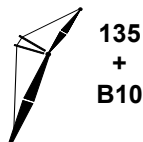
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	181,000
30	82.3	176.4	176,300
32	81.6	176.0	171,700
34	80.9	175.7	167,100
36	80.3	175.4	162,700
38	79.6	175.0	158,400
40	78.9	174.6	154,300
42	78.2	174.1	148,500
44	77.5	173.7	137,100
46	76.8	173.2	126,900
48	76.1	172.7	117,800
50	75.4	172.1	109,600
55	73.7	170.7	92,300
60	71.9	169.1	78,500
65	70.1	167.3	67,200
70	68.3	165.3	57,700
75	66.4	163.1	49,700
80	64.6	160.8	42,900
85	62.7	158.2	36,900
90	60.8	155.4	31,700
95	58.8	152.4	26,900
100	56.8	149.2	22,200
105	54.7	145.7	17,900
110	52.6	141.9	14,100
113	51.3	139.5	12,000

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	167,200
32	82.1	186.2	162,800
34	81.5	185.8	158,400
36	80.8	185.5	154,200
38	80.2	185.2	150,000
40	79.5	184.8	146,100
42	78.9	184.4	142,200
44	78.2	183.9	137,200
46	77.6	183.5	127,100
48	76.9	183.0	118,000
50	76.2	182.5	109,800
55	74.6	181.1	92,500
60	72.9	179.6	78,600
65	71.3	177.9	67,300
70	69.6	176.1	57,800
75	67.8	174.0	49,800
80	66.1	171.8	43,000
85	64.3	169.4	37,000
90	62.5	166.9	31,800
95	60.7	164.1	26,700
100	58.9	161.1	22,100
105	57.0	157.9	17,800
110	55.0	154.4	14,000
115	53.1	150.7	10,600
120	51.0	146.7	7,400

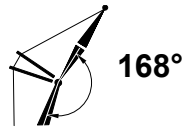
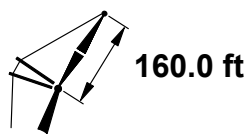
190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	118,000
50	77.0	192.8	110,500
55	75.4	191.5	93,200
60	73.9	190.1	79,300
65	72.3	188.5	67,900
70	70.7	186.7	58,400
75	69.1	184.8	50,400
80	67.4	182.8	43,600
85	65.8	180.5	37,600
90	64.1	178.1	32,400
95	62.4	175.5	27,200
100	60.7	172.7	22,600
105	58.9	169.8	18,400
110	57.1	166.6	14,600
115	55.3	163.1	11,100
120	53.4	159.4	8,000
125	51.5	155.5	5,100
126	51.1	154.7	4,500

MLC250 S-3

ASME B30.5



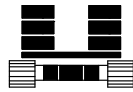
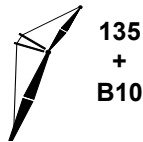
219,600 lb
+
80,000 lb



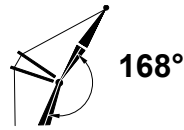
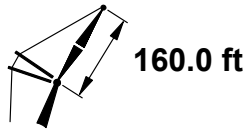
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	352,100
18	82.3	87.2	347,100
19	81.5	87.0	342,200
20	80.8	86.8	337,400
22	79.4	86.4	326,100
24	77.9	85.9	297,000
26	76.4	85.4	272,000
28	74.9	84.8	250,400
30	73.4	84.2	231,400
32	71.9	83.5	214,700
34	70.4	82.8	199,900
36	68.8	82.0	181,800
38	67.3	81.1	165,100
40	65.7	80.2	150,600
42	64.1	79.2	137,900
44	62.5	78.1	126,700
46	60.8	76.9	116,700
48	59.1	75.7	107,800
50	57.4	74.4	99,800
55	53.0	70.7	82,900
57	51.1	69.0	77,100

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	313,800
20	81.8	97.0	309,500
22	80.6	96.6	301,300
24	79.3	96.2	293,500
26	77.9	95.7	272,600
28	76.6	95.2	251,000
30	75.3	94.7	232,100
32	74.0	94.1	215,400
34	72.6	93.4	200,600
36	71.3	92.7	183,800
38	69.9	91.9	167,000
40	68.6	91.1	152,500
42	67.2	90.3	139,800
44	65.8	89.3	128,500
46	64.3	88.3	118,500
48	62.9	87.3	109,600
50	61.4	86.2	101,500
55	57.7	83.1	84,600
60	53.8	79.5	71,000
63	51.3	77.0	64,000

100.0 ft			
ft	°	ft	lb
20	82.7	107.1	300,200
22	81.5	106.8	292,700
24	80.3	106.4	285,500
26	79.2	106.0	273,500
28	78.0	105.5	252,000
30	76.8	105.0	233,100
32	75.6	104.5	216,500
34	74.4	103.9	201,700
36	73.2	103.3	185,700
38	72.0	102.6	168,900
40	70.8	101.9	154,300
42	69.6	101.1	141,600
44	68.3	100.3	130,300
46	67.1	99.4	120,300
48	65.8	98.5	111,400
50	64.6	97.5	103,300
55	61.3	94.8	86,300
60	57.9	91.7	72,700
65	54.4	88.2	61,500
69	51.5	85.1	54,000



219,600 lb
+
80,000 lb



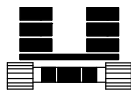
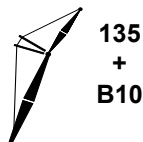
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	276,200
22	82.3	116.9	272,800
24	81.2	116.6	266,100
26	80.2	116.2	259,800
28	79.1	115.8	252,100
30	78.0	115.3	233,300
32	77.0	114.8	216,600
34	75.9	114.3	201,900
36	74.8	113.8	186,900
38	73.7	113.1	170,000
40	72.6	112.5	155,400
42	71.5	111.8	142,600
44	70.4	111.1	131,300
46	69.3	110.3	121,300
48	68.2	109.5	112,300
50	67.0	108.6	104,200
55	64.1	106.2	87,200
60	61.2	103.5	73,500
65	58.1	100.4	62,400
70	55.0	97.0	53,000
75	51.7	93.1	45,200

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	265,400
24	82.0	126.7	259,500
26	81.0	126.4	253,800
28	80.0	126.0	248,300
30	79.1	125.6	233,800
32	78.1	125.1	217,200
34	77.1	124.7	202,400
36	76.1	124.1	188,000
38	75.1	123.6	171,100
40	74.1	123.0	156,500
42	73.1	122.4	143,700
44	72.1	121.7	132,400
46	71.1	121.0	122,400
48	70.1	120.2	113,400
50	69.1	119.5	105,300
55	66.5	117.3	88,200
60	63.8	114.9	74,500
65	61.1	112.1	63,300
70	58.3	109.1	54,000
75	55.4	105.7	46,100
80	52.4	101.9	39,300
82	51.2	100.3	36,900

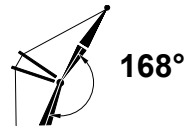
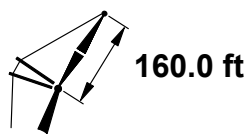
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	244,700
26	81.7	136.5	236,800
28	80.8	136.2	229,200
30	79.9	135.8	222,000
32	79.0	135.4	215,100
34	78.1	134.9	202,600
36	77.2	134.5	188,900
38	76.3	133.9	172,000
40	75.4	133.4	157,300
42	74.5	132.8	144,500
44	73.5	132.2	133,200
46	72.6	131.6	123,100
48	71.7	130.9	114,100
50	70.7	130.2	106,000
55	68.4	128.2	88,900
60	66.0	126.0	75,200
65	63.5	123.5	64,000
70	61.0	120.8	54,600
75	58.4	117.8	46,700
80	55.8	114.4	40,000
85	53.0	110.7	34,100
88	51.3	108.3	30,900

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



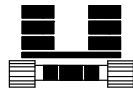
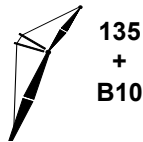
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	234,100
26	82.3	146.6	230,300
28	81.5	146.3	222,800
30	80.6	146.0	215,700
32	79.8	145.6	208,900
34	79.0	145.2	202,200
36	78.1	144.7	189,700
38	77.3	144.3	172,700
40	76.5	143.8	158,100
42	75.6	143.2	145,200
44	74.8	142.7	133,900
46	73.9	142.1	123,800
48	73.0	141.4	114,800
50	72.2	140.8	106,700
55	70.0	139.0	89,600
60	67.8	137.0	75,900
65	65.6	134.7	64,600
70	63.3	132.2	55,300
75	60.9	129.5	47,400
80	58.5	126.4	40,600
85	56.1	123.1	34,700
90	53.5	119.5	29,500
94	51.5	116.3	25,700

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	206,800
28	82.0	156.4	200,800
30	81.3	156.1	194,900
32	80.5	155.8	189,300
34	79.7	155.4	183,700
36	78.9	155.0	178,300
38	78.2	154.5	173,200
40	77.4	154.1	168,300
42	76.6	153.6	163,600
44	75.8	153.0	159,100
46	75.0	152.5	154,700
48	74.2	151.9	150,400
50	73.4	151.3	146,200
55	71.4	149.6	129,800
60	69.4	147.8	116,100
65	67.3	145.7	104,800
70	65.2	143.4	95,400
75	63.0	140.9	87,500
80	60.9	138.1	80,700
85	58.6	135.1	74,800
90	56.4	131.8	69,600
95	54.0	128.2	64,900
100	51.6	124.3	60,600
101	51.1	123.5	59,900

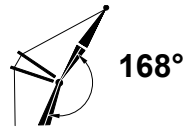
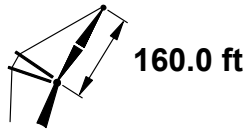
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	194,900
28	82.5	166.5	192,000
30	81.8	166.2	186,400
32	81.1	165.9	180,900
34	80.4	165.6	175,500
36	79.6	165.2	170,300
38	78.9	164.8	165,300
40	78.2	164.3	160,400
42	77.4	163.9	155,600
44	76.7	163.4	150,900
46	76.0	162.9	146,300
48	75.2	162.3	141,800
50	74.5	161.7	137,400
55	72.6	160.2	120,100
60	70.7	158.5	106,400
65	68.8	156.5	94,100
70	66.8	154.4	83,100
75	64.9	152.1	73,100
80	62.9	149.5	64,000
85	60.8	146.8	55,700
90	58.7	143.8	48,000
95	56.6	140.5	40,700
100	54.4	137.0	34,000
105	52.1	133.1	28,000
107	51.2	131.5	26,300

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



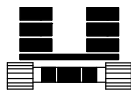
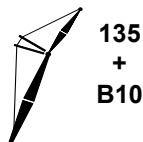
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	179,000
30	82.3	176.4	174,200
32	81.6	176.0	169,600
34	80.9	175.7	165,000
36	80.3	175.4	160,600
38	79.6	175.0	156,300
40	78.9	174.6	152,200
42	78.2	174.1	146,300
44	77.5	173.7	134,900
46	76.8	173.2	124,800
48	76.1	172.7	115,700
50	75.4	172.1	107,600
55	73.7	170.7	90,400
60	71.9	169.1	76,600
65	70.1	167.3	65,300
70	68.3	165.3	55,900
75	66.4	163.1	48,000
80	64.6	160.8	41,100
85	62.7	158.2	35,200
90	60.8	155.4	29,900
95	58.8	152.4	24,700
100	56.8	149.2	20,000
105	54.7	145.7	15,800
110	52.6	141.9	12,000
113	51.3	139.5	9,900

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	165,300
32	82.1	186.2	160,800
34	81.5	185.8	156,400
36	80.8	185.5	152,200
38	80.2	185.2	148,000
40	79.5	184.8	144,000
42	78.9	184.4	140,100
44	78.2	183.9	135,200
46	77.6	183.5	125,000
48	76.9	183.0	115,900
50	76.2	182.5	107,800
55	74.6	181.1	90,500
60	72.9	179.6	76,700
65	71.3	177.9	65,500
70	69.6	176.1	56,000
75	67.8	174.0	48,100
80	66.1	171.8	41,300
85	64.3	169.4	35,300
90	62.5	166.9	29,800
95	60.7	164.1	24,600
100	58.9	161.1	19,900
105	57.0	157.9	15,700
110	55.0	154.4	11,900
115	53.1	150.7	8,500
120	51.0	146.7	5,400

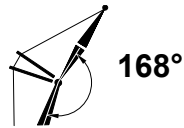
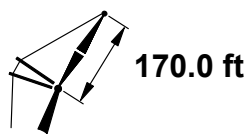
190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	116,700
50	77.0	192.8	108,600
55	75.4	191.5	91,300
60	73.9	190.1	77,500
65	72.3	188.5	66,100
70	70.7	186.7	56,700
75	69.1	184.8	48,700
80	67.4	182.8	41,900
85	65.8	180.5	36,000
90	64.1	178.1	30,300
95	62.4	175.5	25,100
100	60.7	172.7	20,500
105	58.9	169.8	16,300
110	57.1	166.6	12,500
115	55.3	163.1	9,100
120	53.4	159.4	5,900

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



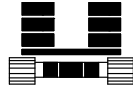
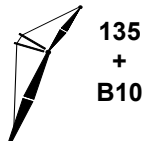
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	349,200
18	82.3	87.2	344,100
19	81.5	87.0	339,200
20	80.8	86.8	334,400
22	79.4	86.4	323,700
24	77.9	85.9	294,600
26	76.4	85.4	269,700
28	74.9	84.8	248,100
30	73.4	84.2	229,200
32	71.9	83.5	212,500
34	70.4	82.8	197,700
36	68.8	82.0	178,800
38	67.3	81.1	162,200
40	65.7	80.2	147,800
42	64.1	79.2	135,100
44	62.5	78.1	124,000
46	60.8	76.9	114,100
48	59.1	75.7	105,200
50	57.4	74.4	97,300
55	53.0	70.7	80,400
57	51.1	69.0	74,700

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	311,100
20	81.8	97.0	306,900
22	80.6	96.6	298,500
24	79.3	96.2	290,700
26	77.9	95.7	270,400
28	76.6	95.2	248,800
30	75.3	94.7	230,000
32	74.0	94.1	213,300
34	72.6	93.4	198,500
36	71.3	92.7	181,000
38	69.9	91.9	164,300
40	68.6	91.1	149,800
42	67.2	90.3	137,200
44	65.8	89.3	126,000
46	64.3	88.3	116,100
48	62.9	87.3	107,200
50	61.4	86.2	99,200
55	57.7	83.1	82,300
60	53.8	79.5	68,700
63	51.3	77.0	61,800

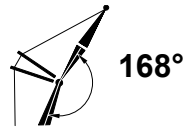
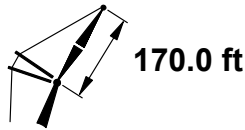
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	297,700
22	81.5	106.8	290,000
24	80.3	106.4	282,800
26	79.2	106.0	271,400
28	78.0	105.5	249,900
30	76.8	105.0	231,100
32	75.6	104.5	214,500
34	74.4	103.9	199,700
36	73.2	103.3	183,000
38	72.0	102.6	166,300
40	70.8	101.9	151,800
42	69.6	101.1	139,100
44	68.3	100.3	127,900
46	67.1	99.4	118,000
48	65.8	98.5	109,100
50	64.6	97.5	101,000
55	61.3	94.8	84,100
60	57.9	91.7	70,600
65	54.4	88.2	59,500
69	51.5	85.1	52,000

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



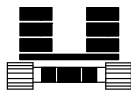
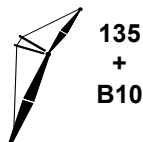
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	273,900
22	82.3	116.9	270,400
24	81.2	116.6	263,700
26	80.2	116.2	257,400
28	79.1	115.8	250,100
30	78.0	115.3	231,300
32	77.0	114.8	214,700
34	75.9	114.3	200,000
36	74.8	113.8	184,300
38	73.7	113.1	167,500
40	72.6	112.5	153,000
42	71.5	111.8	140,300
44	70.4	111.1	129,100
46	69.3	110.3	119,100
48	68.2	109.5	110,100
50	67.0	108.6	102,100
55	64.1	106.2	85,100
60	61.2	103.5	71,500
65	58.1	100.4	60,400
70	55.0	97.0	51,200
75	51.7	93.1	43,300

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	263,300
24	82.0	126.7	257,300
26	81.0	126.4	251,600
28	80.0	126.0	246,100
30	79.1	125.6	231,900
32	78.1	125.1	215,300
34	77.1	124.7	200,600
36	76.1	124.1	185,600
38	75.1	123.6	168,800
40	74.1	123.0	154,200
42	73.1	122.4	141,500
44	72.1	121.7	130,200
46	71.1	121.0	120,200
48	70.1	120.2	111,300
50	69.1	119.5	103,200
55	66.5	117.3	86,200
60	63.8	114.9	72,600
65	61.1	112.1	61,500
70	58.3	109.1	52,200
75	55.4	105.7	44,300
80	52.4	101.9	37,600
82	51.2	100.3	35,200

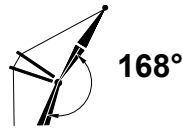
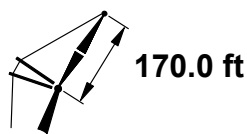
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	243,100
26	81.7	136.5	235,200
28	80.8	136.2	227,700
30	79.9	135.8	220,400
32	79.0	135.4	213,400
34	78.1	134.9	200,800
36	77.2	134.5	186,500
38	76.3	133.9	169,700
40	75.4	133.4	155,100
42	74.5	132.8	142,300
44	73.5	132.2	131,100
46	72.6	131.6	121,000
48	71.7	130.9	112,100
50	70.7	130.2	104,000
55	68.4	128.2	87,000
60	66.0	126.0	73,400
65	63.5	123.5	62,200
70	61.0	120.8	52,900
75	58.4	117.8	45,000
80	55.8	114.4	38,300
85	53.0	110.7	32,400
88	51.3	108.3	29,300

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



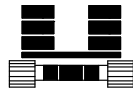
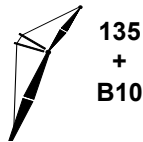
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	232,500
26	82.3	146.6	228,600
28	81.5	146.3	221,200
30	80.6	146.0	214,000
32	79.8	145.6	207,100
34	79.0	145.2	200,500
36	78.1	144.7	187,400
38	77.3	144.3	170,500
40	76.5	143.8	155,900
42	75.6	143.2	143,100
44	74.8	142.7	131,800
46	73.9	142.1	121,800
48	73.0	141.4	112,900
50	72.2	140.8	104,800
55	70.0	139.0	87,700
60	67.8	137.0	74,100
65	65.6	134.7	62,900
70	63.3	132.2	53,600
75	60.9	129.5	45,700
80	58.5	126.4	39,000
85	56.1	123.1	33,100
90	53.5	119.5	28,000
94	51.5	116.3	23,700

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	205,200
28	82.0	156.4	199,100
30	81.3	156.1	193,300
32	80.5	155.8	187,600
34	79.7	155.4	182,000
36	78.9	155.0	176,700
38	78.2	154.5	171,000
40	77.4	154.1	165,400
42	76.6	153.6	160,000
44	75.8	153.0	154,800
46	75.0	152.5	149,800
48	74.2	151.9	145,000
50	73.4	151.3	140,400
55	71.4	149.6	122,200
60	69.4	147.8	105,100
65	67.3	145.7	88,000
70	65.2	143.4	74,300
75	63.0	140.9	63,100
80	60.9	138.1	53,800
85	58.6	135.1	45,900
90	56.4	131.8	39,200
95	54.0	128.2	33,300
100	51.6	124.3	27,900
101	51.1	123.5	22,700

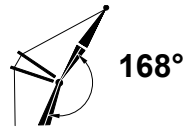
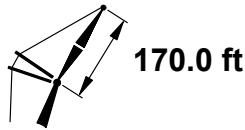
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	193,300
28	82.5	166.5	190,500
30	81.8	166.2	184,800
32	81.1	165.9	179,200
34	80.4	165.6	173,900
36	79.6	165.2	168,700
38	78.9	164.8	163,700
40	78.2	164.3	158,900
42	77.4	163.9	154,300
44	76.7	163.4	149,900
46	76.0	162.9	145,600
48	75.2	162.3	141,500
50	74.5	161.7	137,600
55	72.6	160.2	122,600
60	70.7	158.5	108,400
65	68.8	156.5	94,900
70	66.8	154.4	82,100
75	64.9	152.1	70,000
80	62.9	149.5	58,600
85	60.8	146.8	48,000
90	58.7	143.8	38,100
95	56.6	140.5	28,900
100	54.4	137.0	20,400
105	52.1	133.1	12,600
107	51.2	131.5	10,000

MLC250 S-3

ASME B30.5



219,600 lb
+
80,000 lb



170.0 ft			
ft	o	ft	lb
28	83.0	176.6	177,400
30	82.3	176.4	172,700
32	81.6	176.0	168,100
34	80.9	175.7	163,500
36	80.3	175.4	159,000
38	79.6	175.0	154,800
40	78.9	174.6	150,600
42	78.2	174.1	144,400
44	77.5	173.7	133,000
46	76.8	173.2	123,000
48	76.1	172.7	113,900
50	75.4	172.1	105,800
55	73.7	170.7	88,700
60	71.9	169.1	75,000
65	70.1	167.3	63,700
70	68.3	165.3	54,400
75	66.4	163.1	46,500
80	64.6	160.8	39,700
85	62.7	158.2	33,800
90	60.8	155.4	28,000
95	58.8	152.4	22,800
100	56.8	149.2	18,200
105	54.7	145.7	14,000
110	52.6	141.9	10,200
113	51.3	139.5	8,100

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	163,700
32	82.1	186.2	159,300
34	81.5	185.8	154,900
36	80.8	185.5	150,600
38	80.2	185.2	146,500
40	79.5	184.8	142,500
42	78.9	184.4	138,600
44	78.2	183.9	133,300
46	77.6	183.5	123,200
48	76.9	183.0	114,200
50	76.2	182.5	106,100
55	74.6	181.1	88,900
60	72.9	179.6	75,200
65	71.3	177.9	63,900
70	69.6	176.1	54,600
75	67.8	174.0	46,600
80	66.1	171.8	39,800
85	64.3	169.4	33,800
90	62.5	166.9	28,000
95	60.7	164.1	22,800
100	58.9	161.1	18,200
105	57.0	157.9	14,000
110	55.0	154.4	10,200
115	53.1	150.7	6,800

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	118,000
46	78.2	193.7	118,000
48	77.6	193.3	115,000
50	77.0	192.8	106,900
55	75.4	191.5	89,700
60	73.9	190.1	75,900
65	72.3	188.5	64,600
70	70.7	186.7	55,300
75	69.1	184.8	47,300
80	67.4	182.8	40,500
85	65.8	180.5	34,400
90	64.1	178.1	28,600
95	62.4	175.5	23,400
100	60.7	172.7	18,800
105	58.9	169.8	14,600
110	57.1	166.6	10,800
115	55.3	163.1	7,400
120	53.4	159.4	4,300